

ภาคผนวก ก

รายงานผลการตรวจสอบรอยเชื่อมด้วยวิธี

Eddy Current Examination

(ไฟล์อิเล็กทรอนิกส์)

ภาคผนวก ข

รายงานผลการตรวจสอบสลักเกลียวด้วยวิธี

Torque Examination

(ไฟล์อิเล็กทรอนิกส์)

ภาคผนวก ค

ความเค้นสูงสุดและความล้าสะสมในแต่ละวัน

จากข้อมูลตรวจวัด

(ไฟล์อิเล็กทรอนิกส์)

รายงานผลการตรวจสอบรอยเชื่อมด้วยวิธี Eddy Current Examination

Flyover No.1

EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 1 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

472 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thickness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

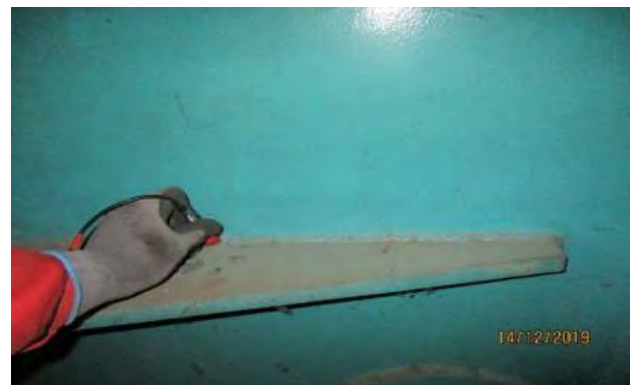
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



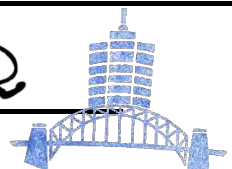
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 1 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

Ladprao Bridge Flyover No.1

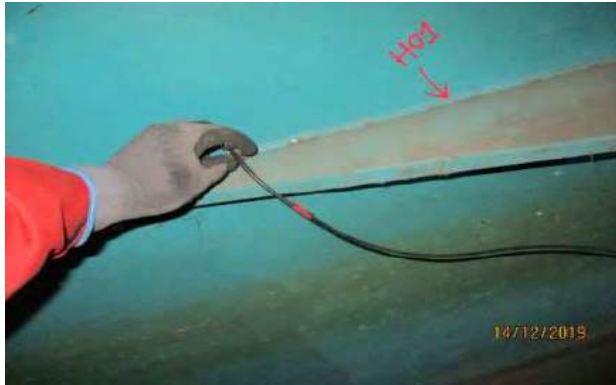
Extent

Span 1 Girder 1 - 4

Location

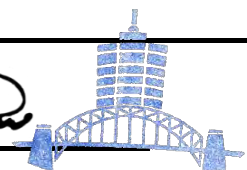
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

Ladprao Bridge Flyover No.1

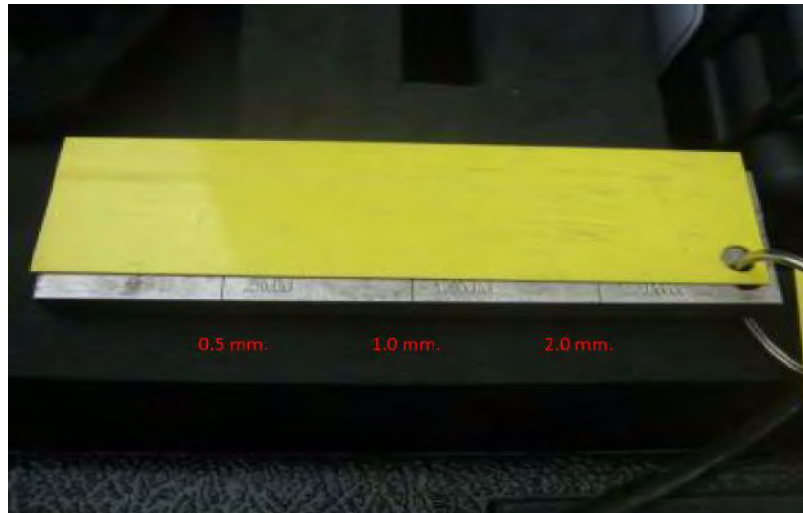
Extent

Span 1 Girder 1 - 4

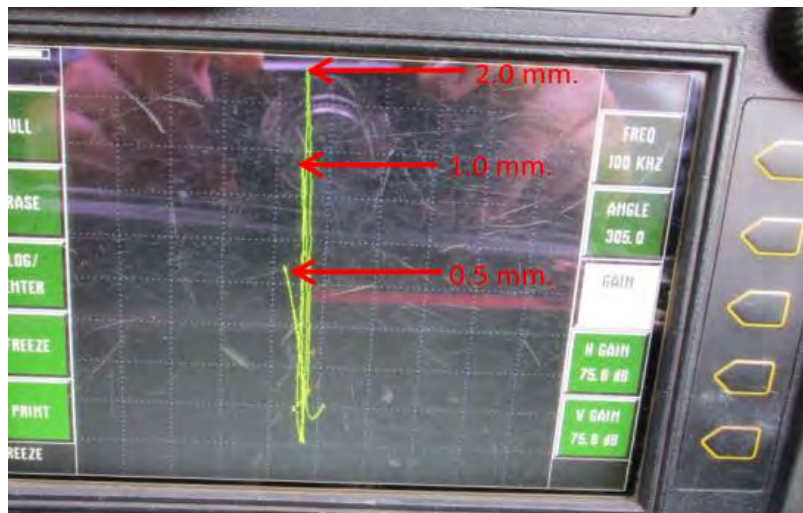
Location

Bangkok of Thailand

Inspection Comment



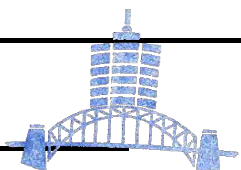
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

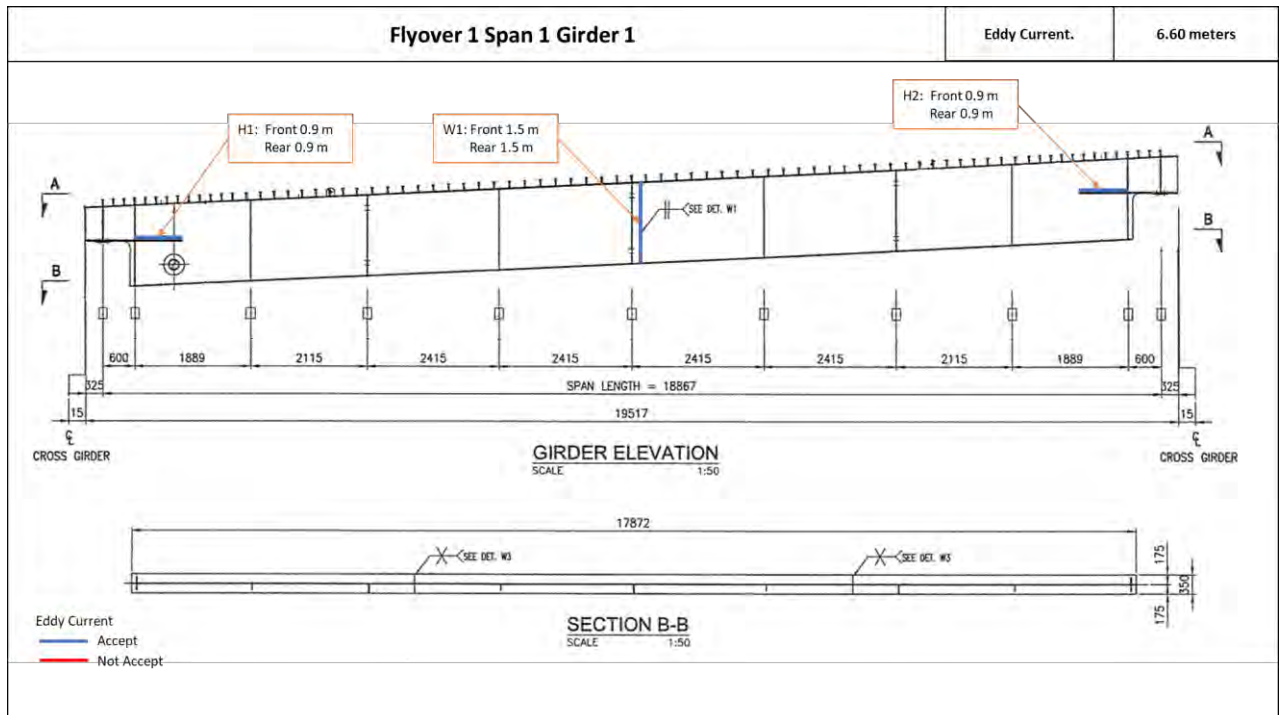
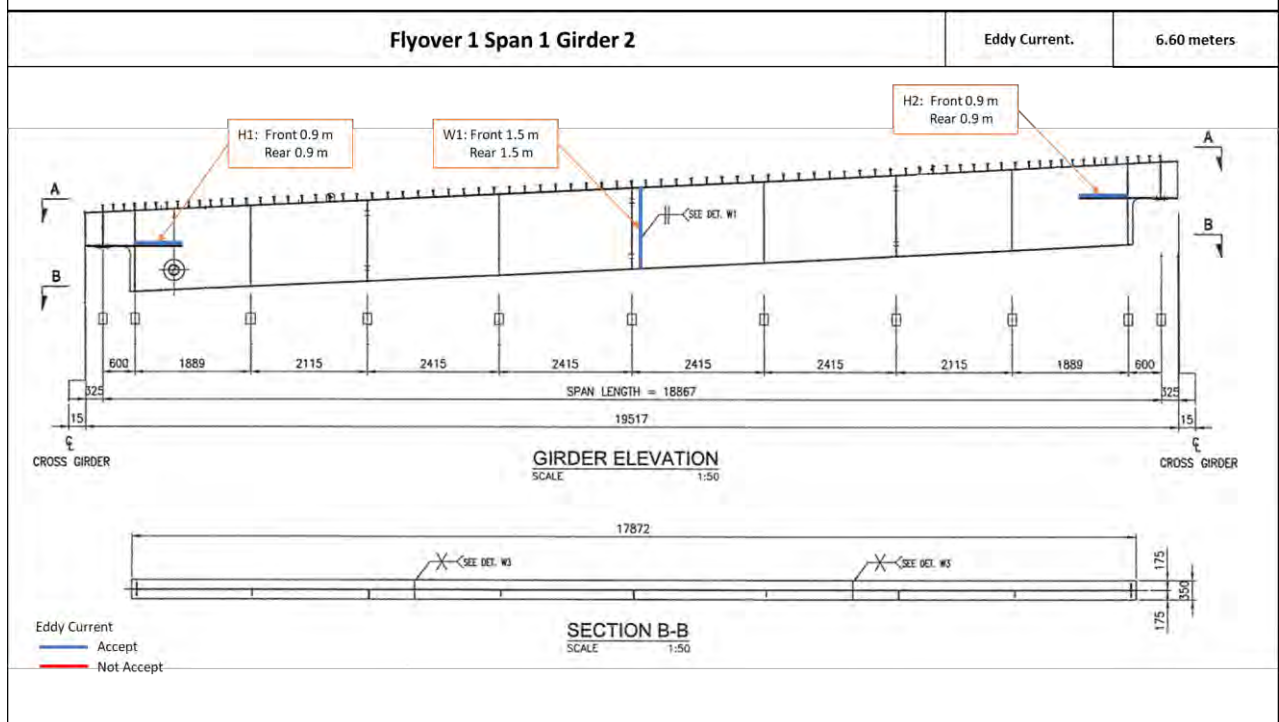
Ladprao Bridge Flyover No.1

Extent

Span 1 Girder 1 - 4

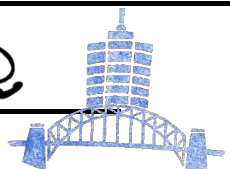
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

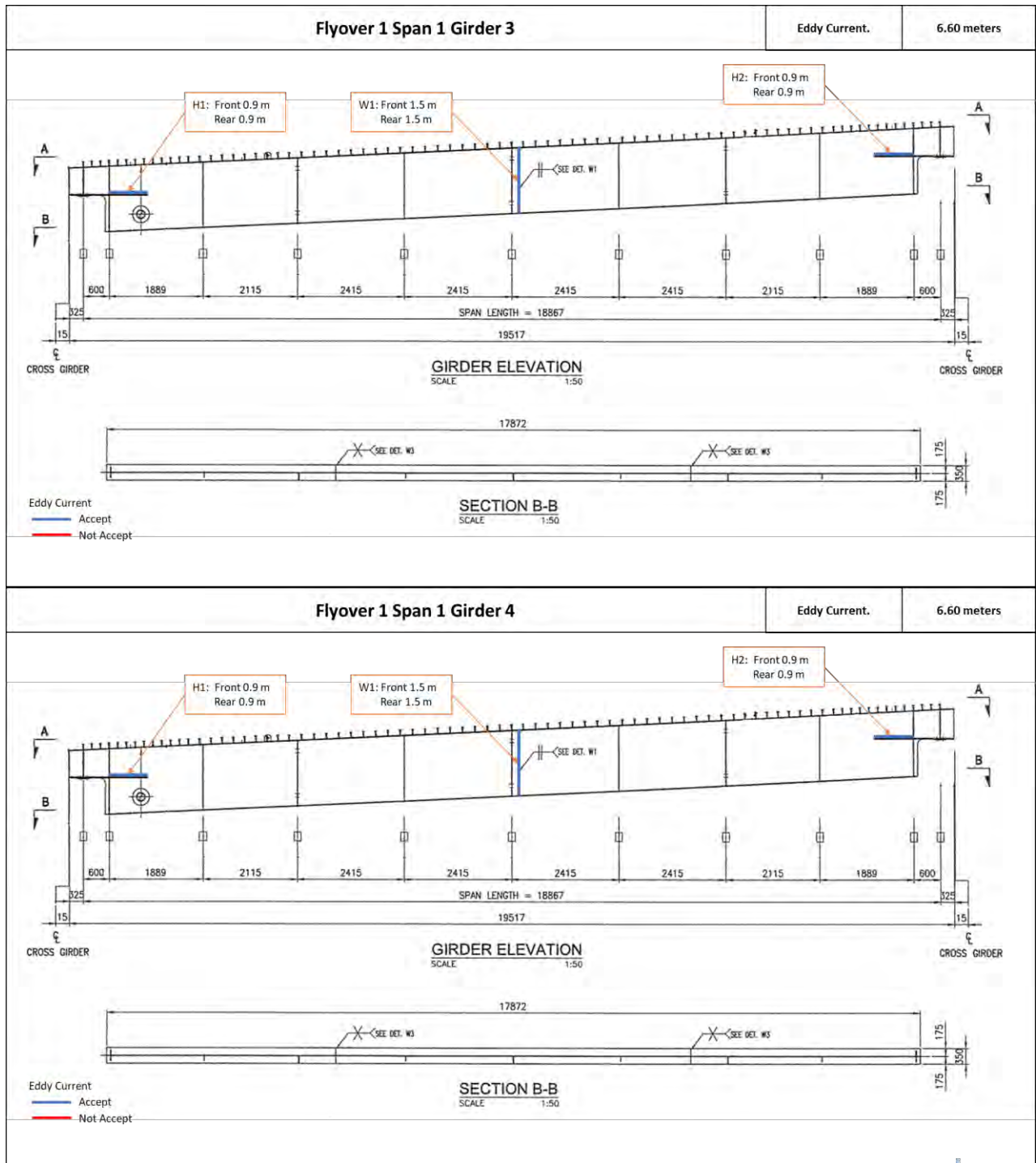
Ladprao Bridge Flyover No.1

Extent

Span 1 Girder 1 - 4

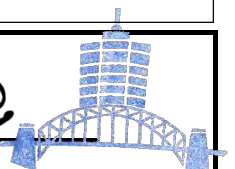
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 2 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Prargraph 5.7	472 μm .
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

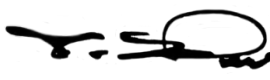
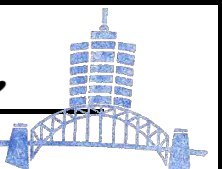


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 2 Girder 1 - 4

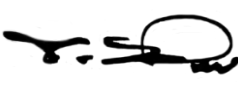
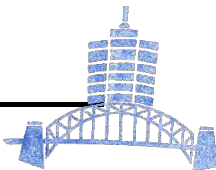
The inspection result, no indication was found at the inspection time.

Approved by



 Mr. Teerapoj Warachij

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 2 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

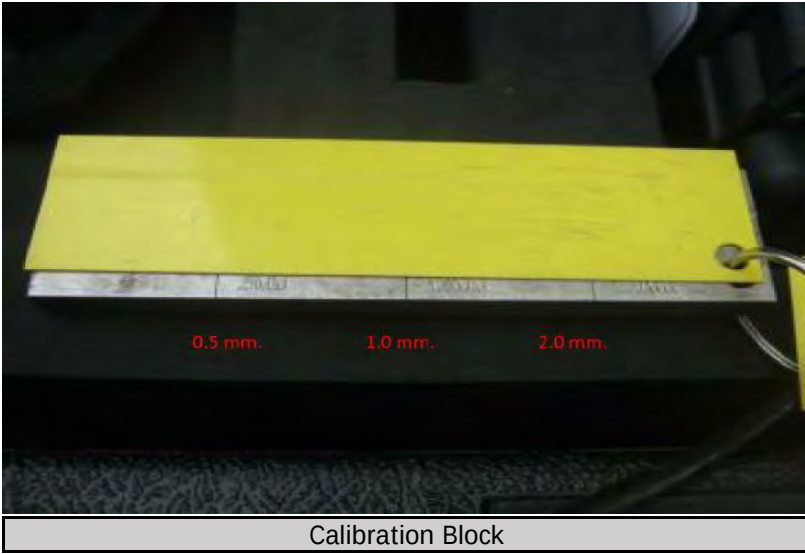
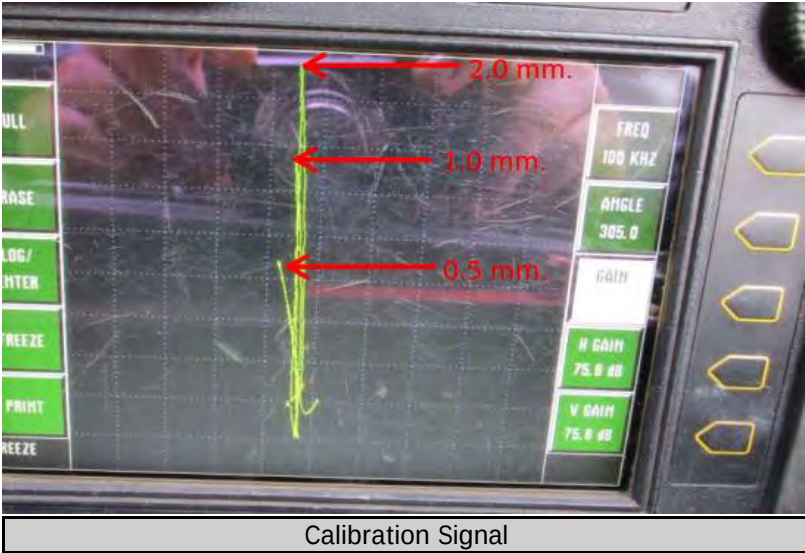
Extent

Span 2 Girder 1 - 4

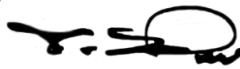
Location

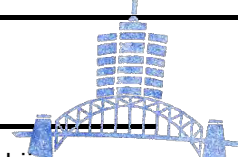
Bangkok of Thailand

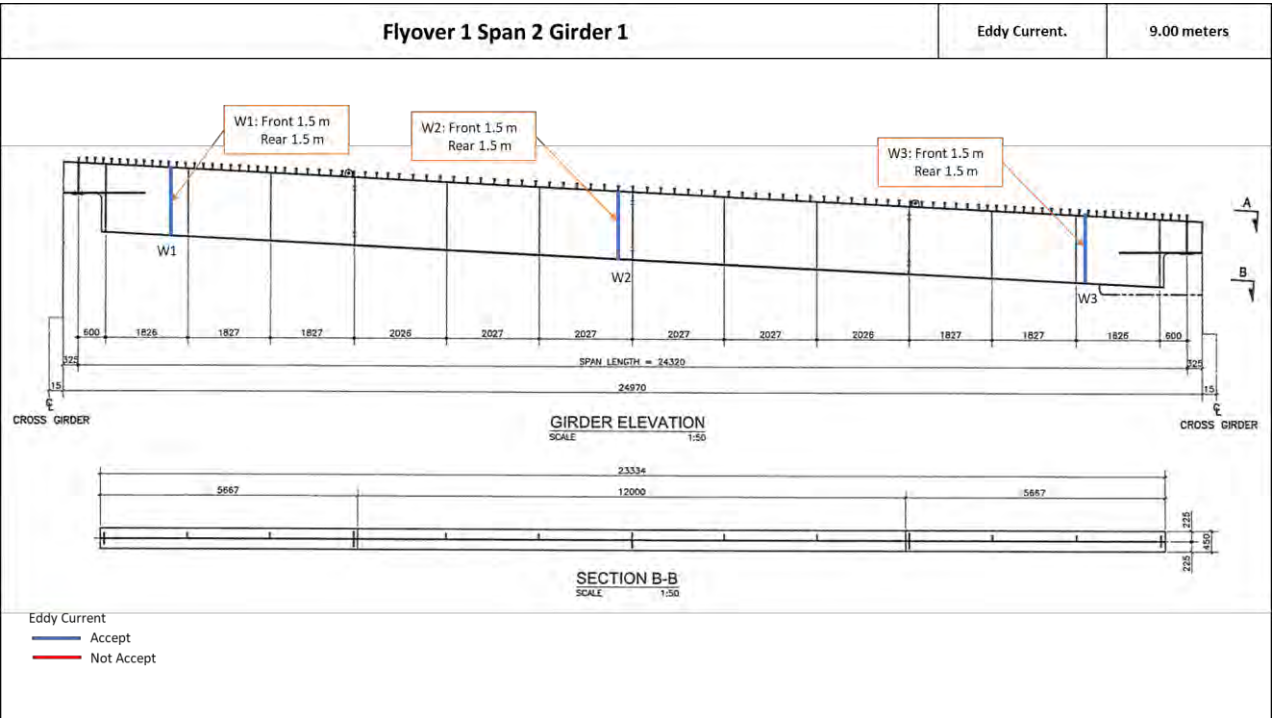
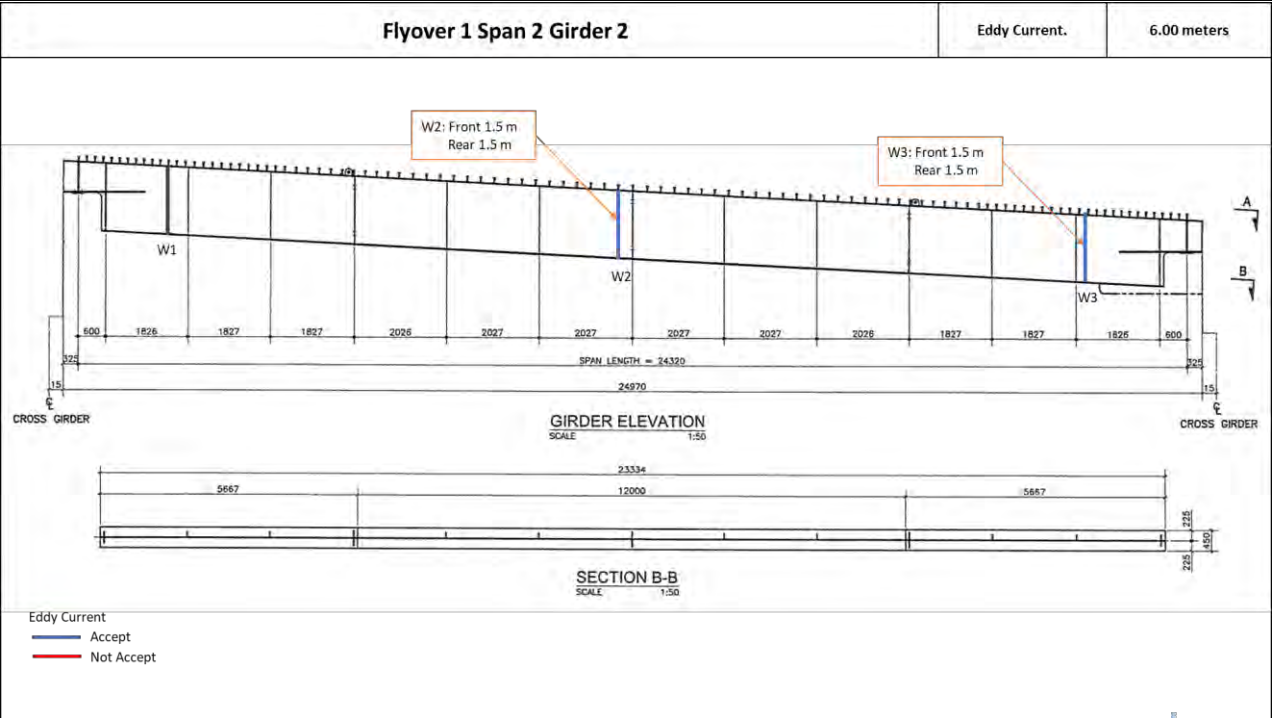
Inspection Comment



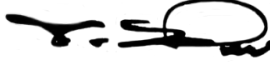
Approved by


Mr. Teerapoj Warachij

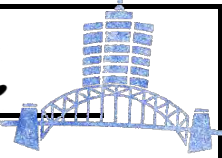


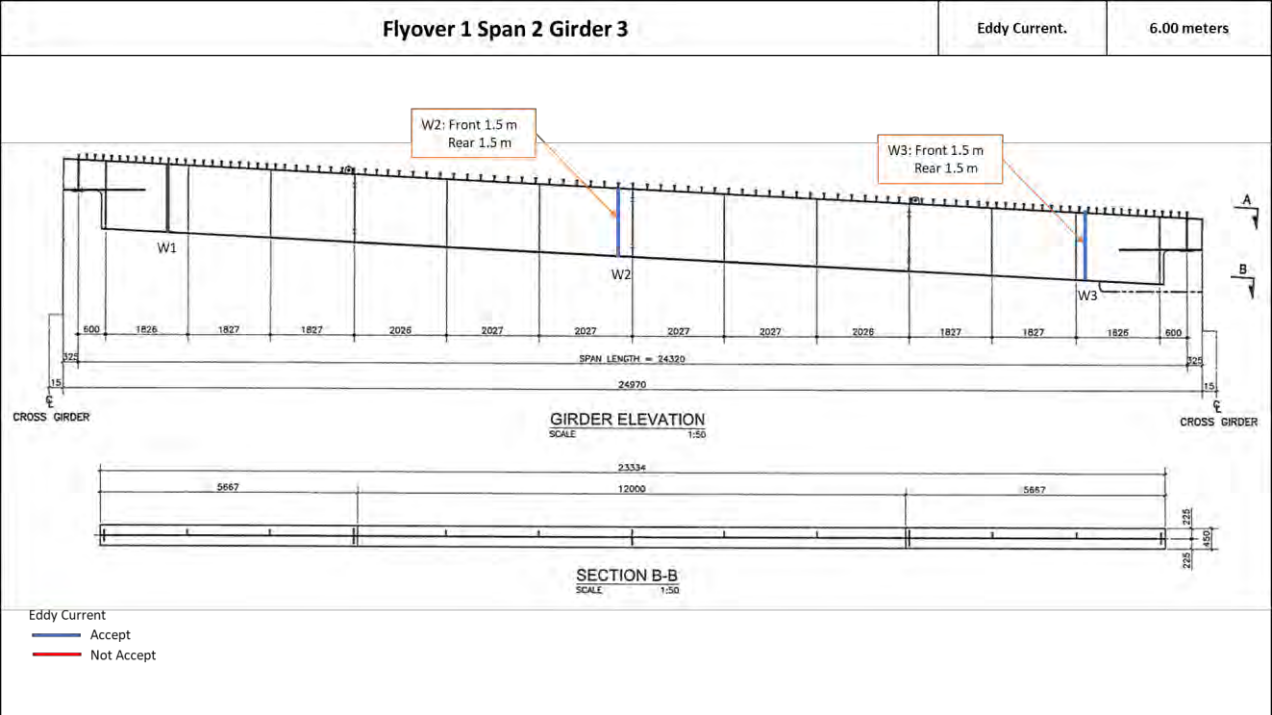
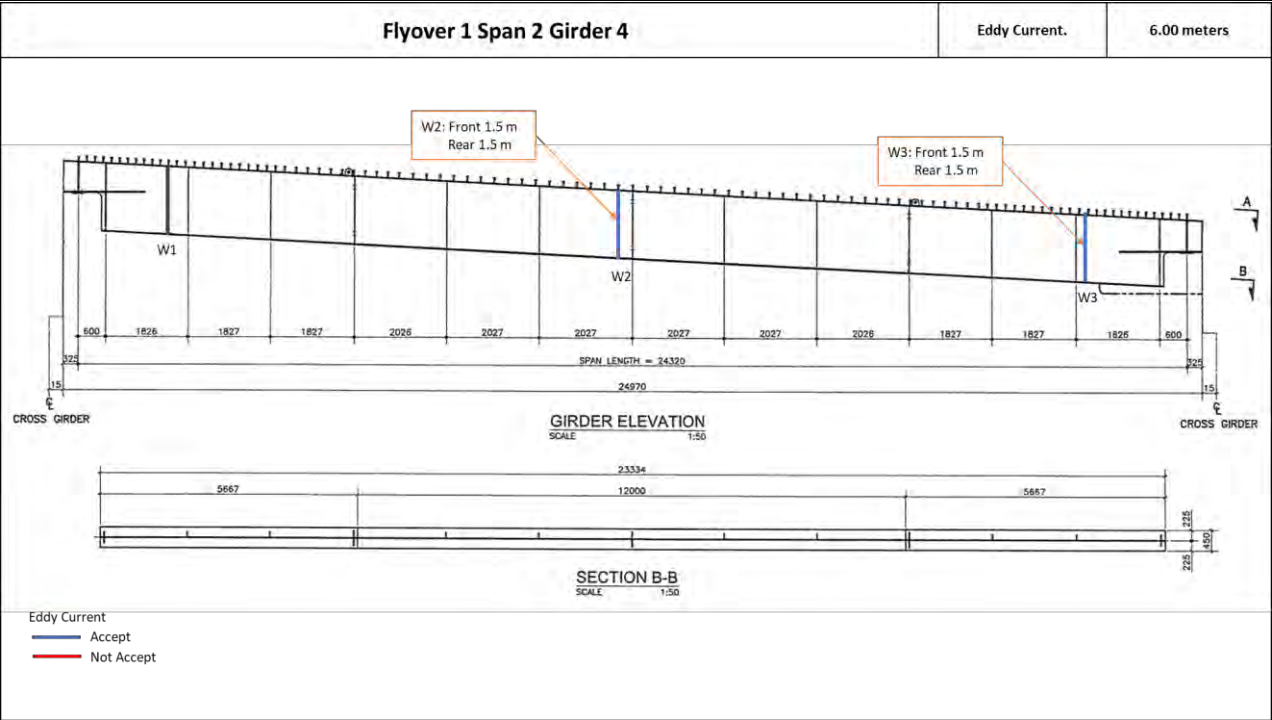


Approved by

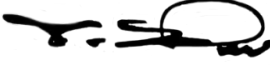


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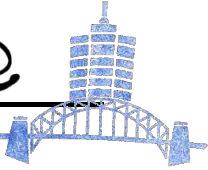




Approved by



Mr. Teerapoj Warachij

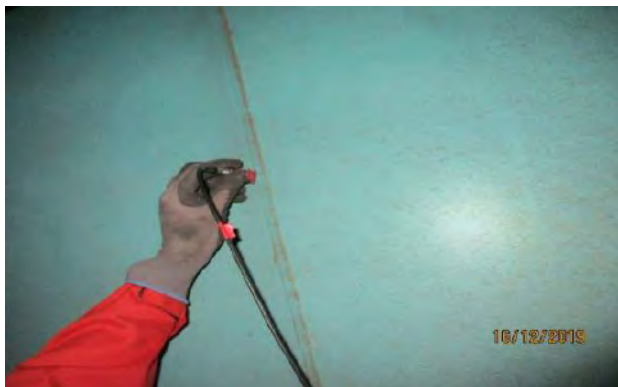


Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 3 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Prargraph 5.7	472 μm .
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

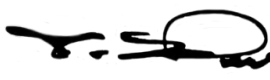
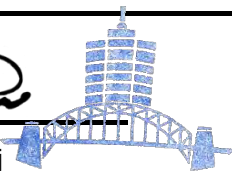
Inspection Comment



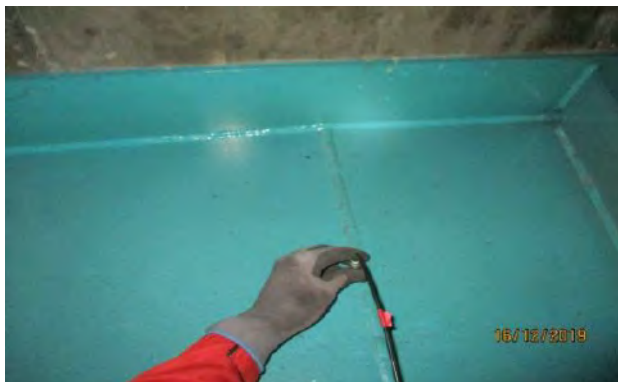
Inspection Conclusion

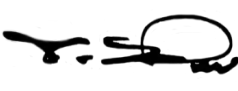
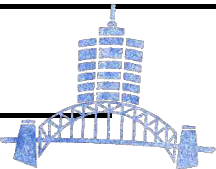
Eddy current surface testing was performed on weldment of Span 3 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

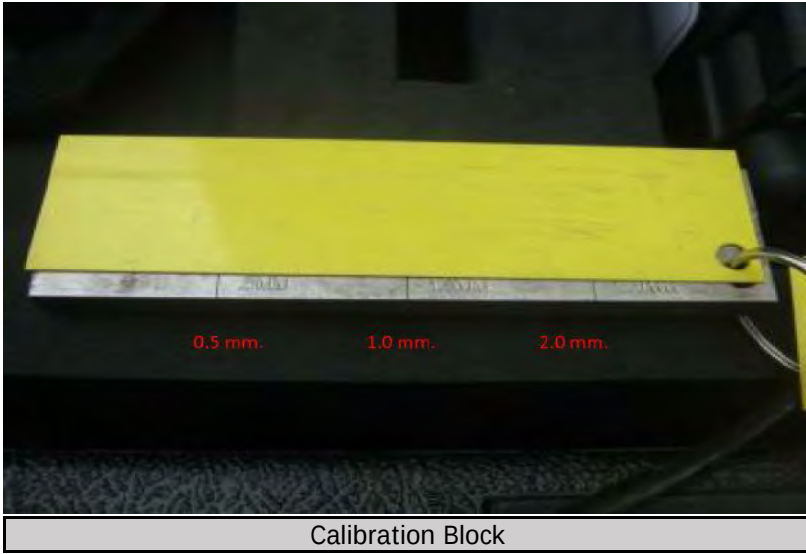
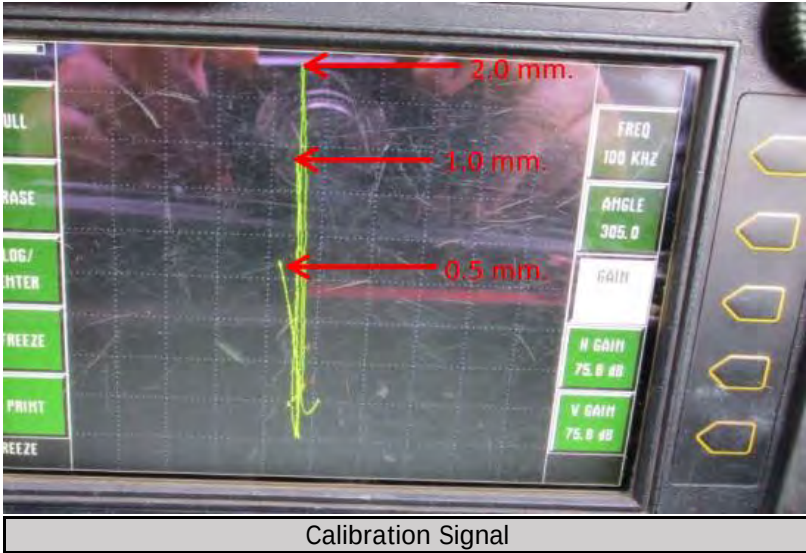

Mr. Teerapoj Warachij 

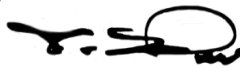
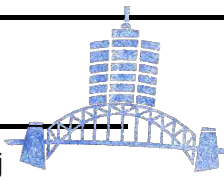
Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 3 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		

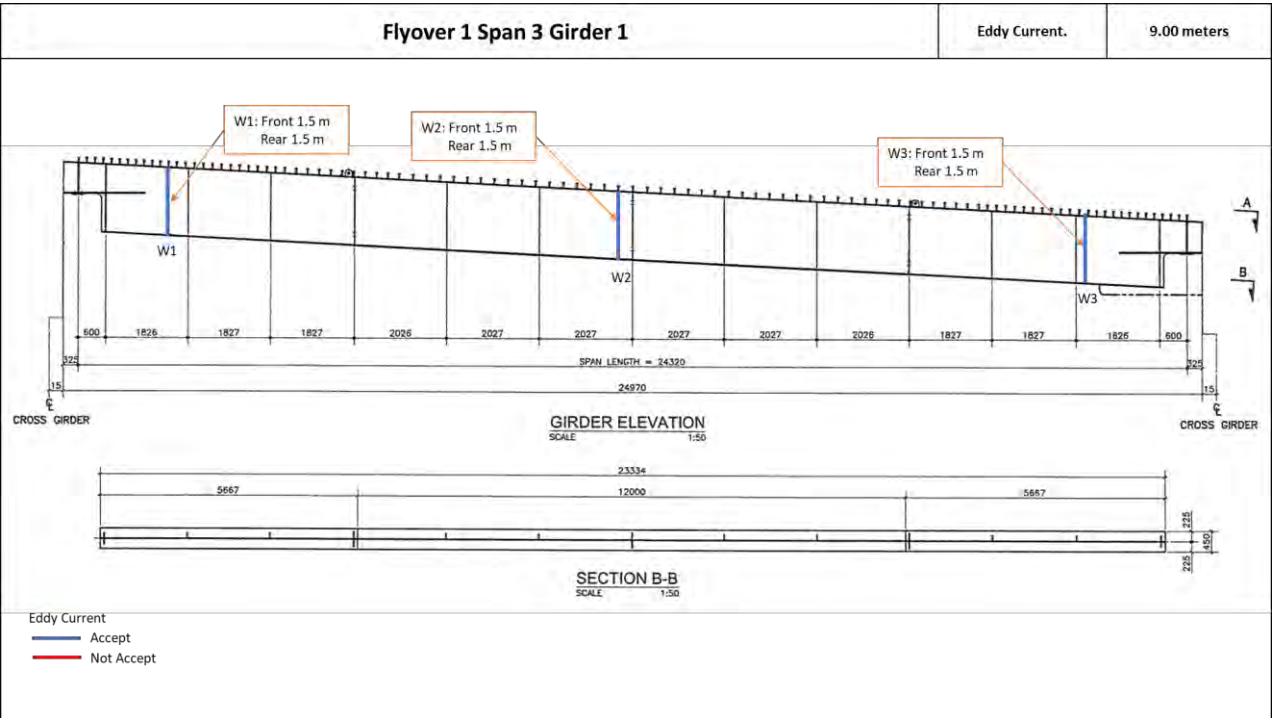
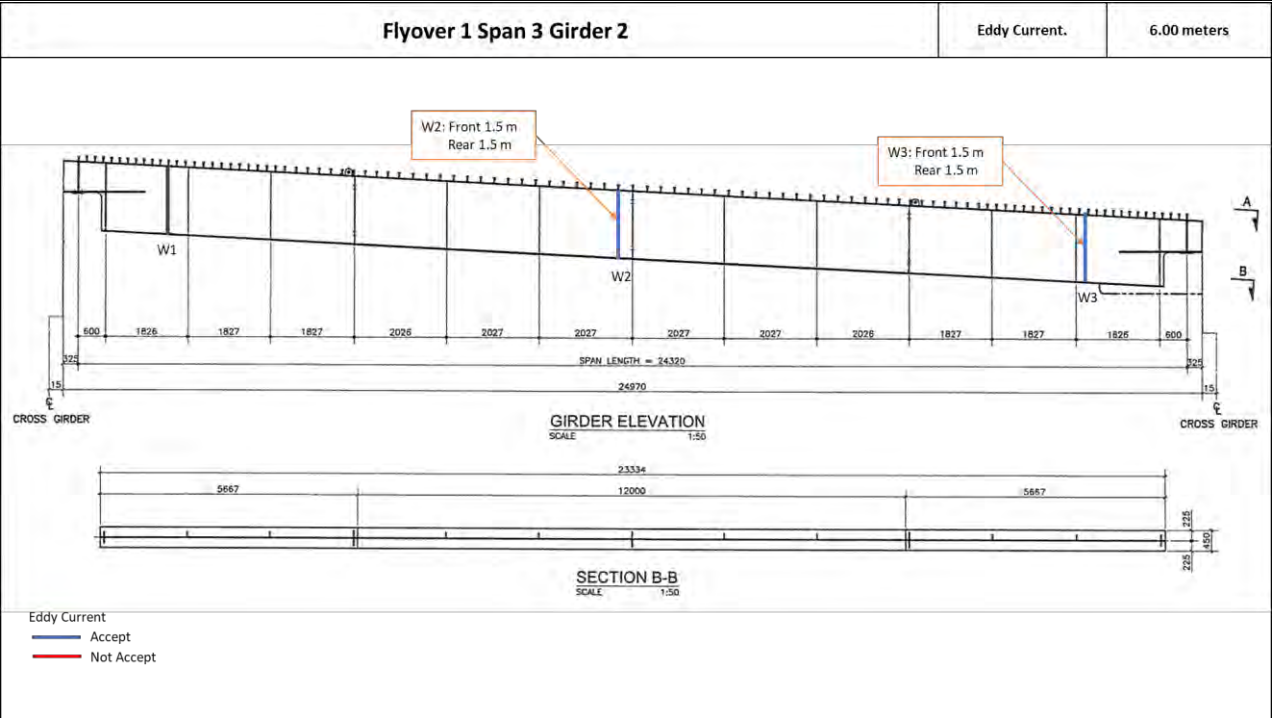


Approved by	 
Mr. Teerapoj Warachij	

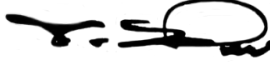
Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 3 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



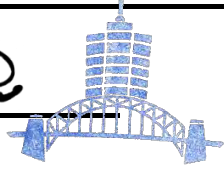
Approved by		
Mr. Teerapoj Warachij		

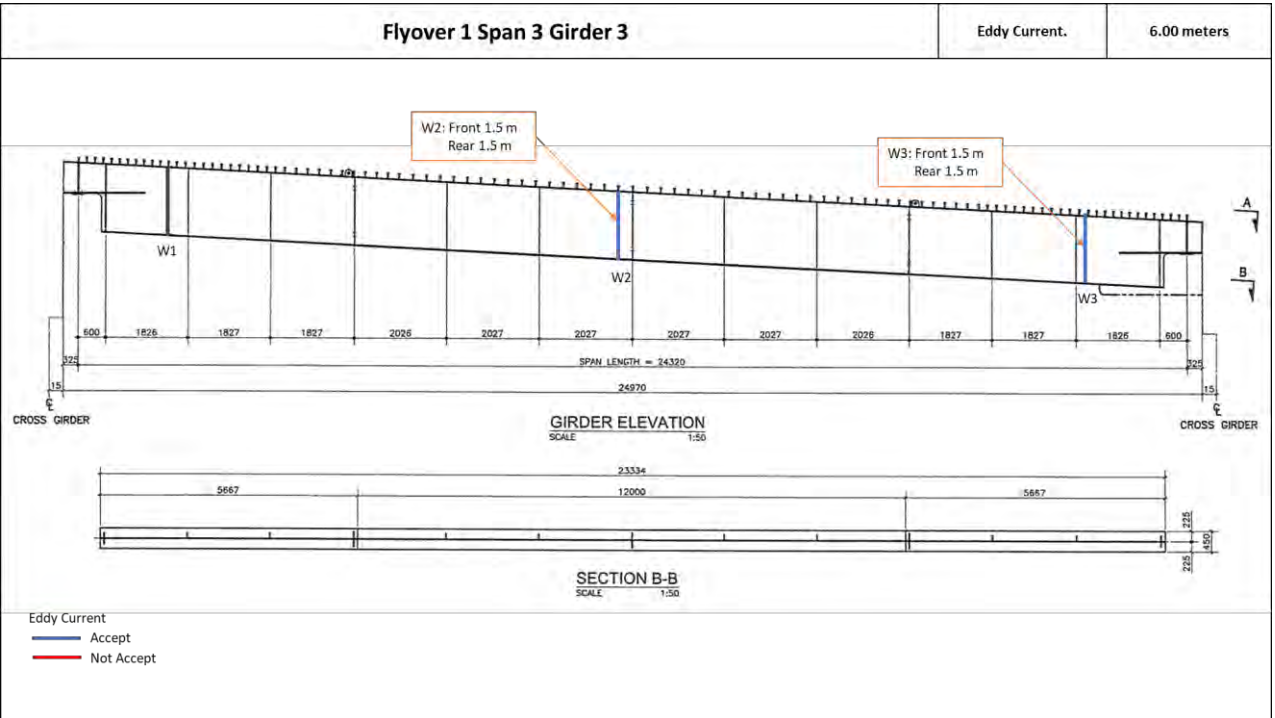
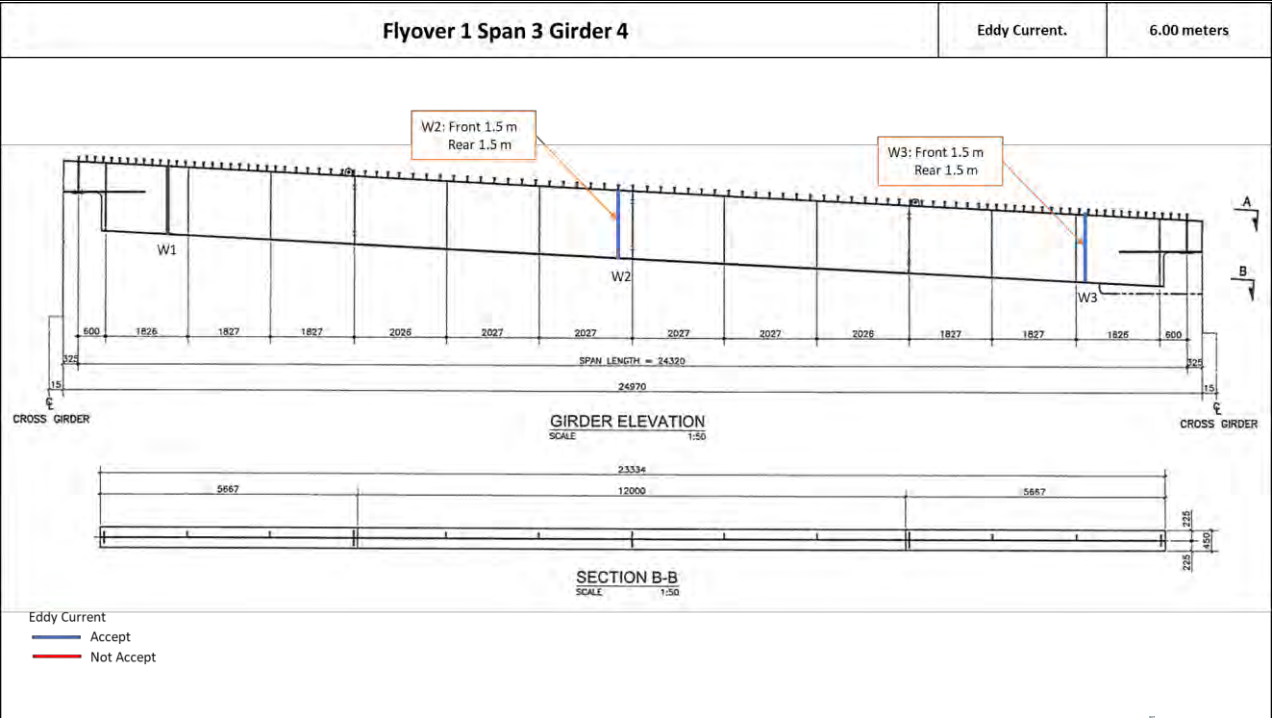


Approved by

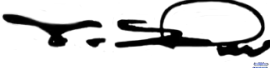


Mr. Teerapoj Warachij

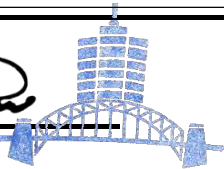




Approved by



Mr. Teerapoj Warachij



Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 4 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Praragraph 5.7	472 μm .
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

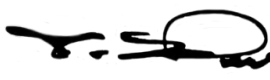
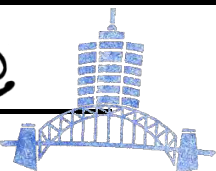
Inspection Comment



Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 4 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by


Mr. Teerapoj Warachij 

Inspection of

Ladprao Bridge Flyover No.1

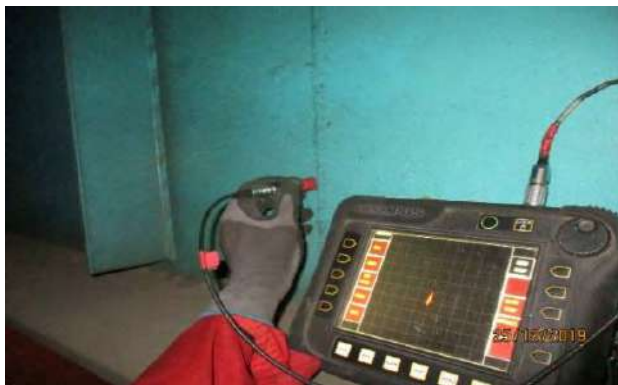
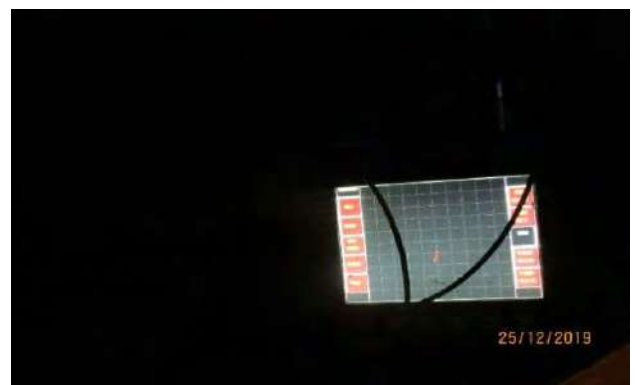
Extent

Span 4 Girder 1 - 4

Location

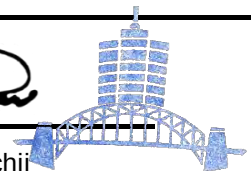
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



Inspection of

Ladprao Bridge Flyover No.1

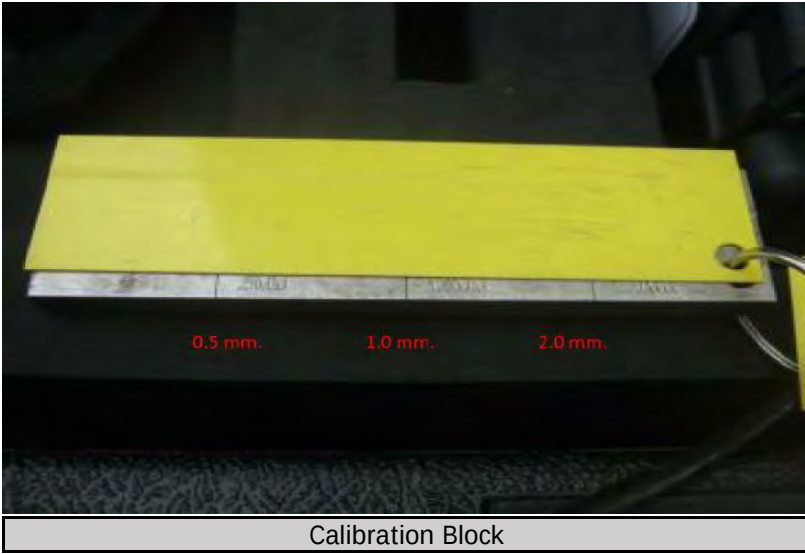
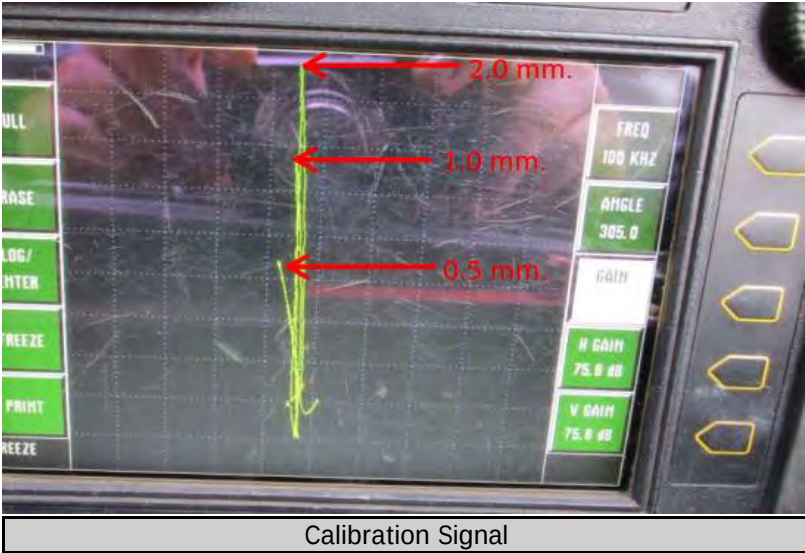
Extent

Span 4 Girder 1 - 4

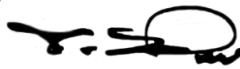
Location

Bangkok of Thailand

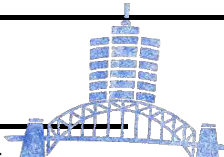
Inspection Comment



Approved by



Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

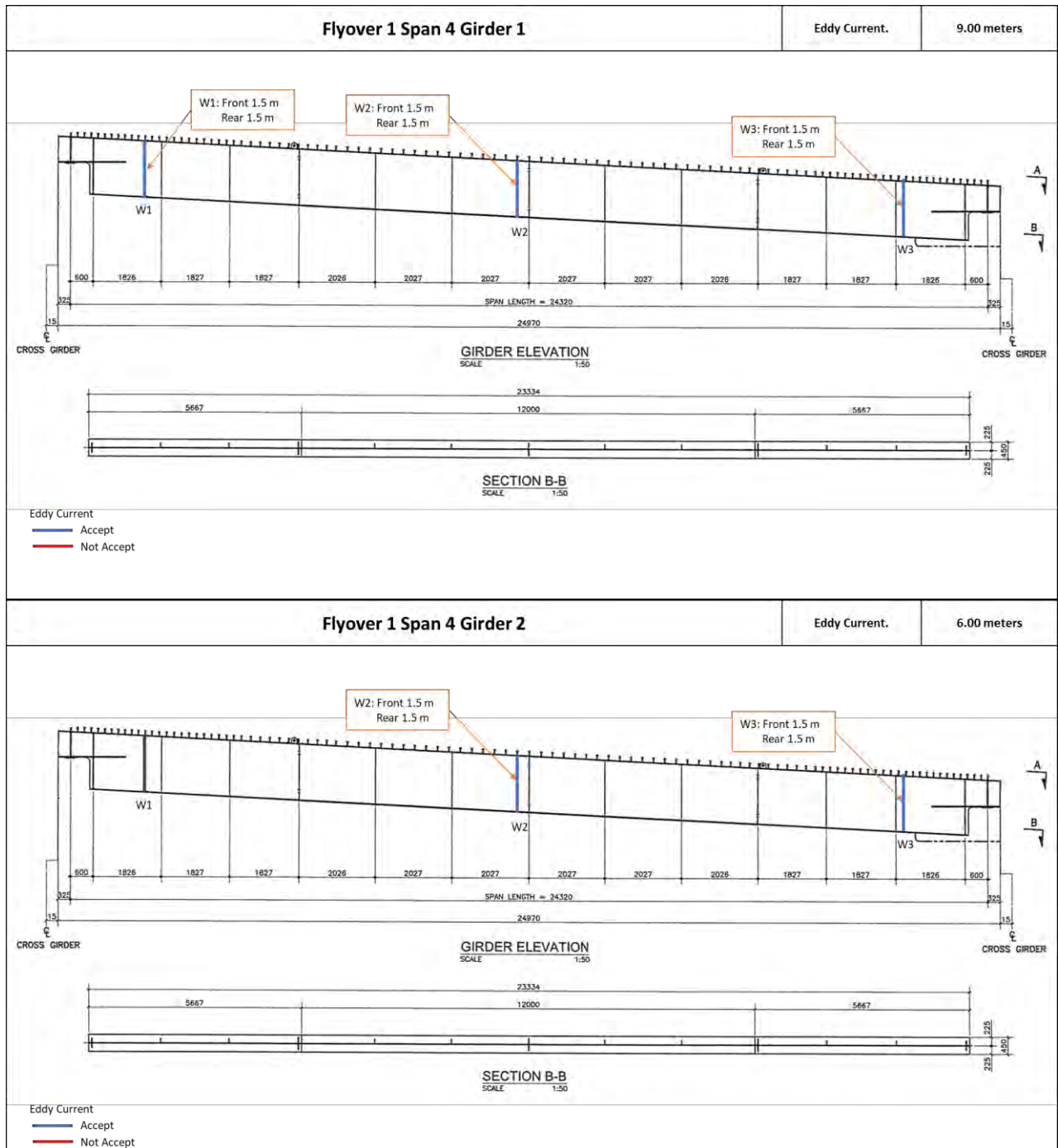
Ladprao Bridge Flyover No.1

Extent

Span 4 Girder 1 - 4

Location

Bangkok of Thailand



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 4 Girder 1 - 4

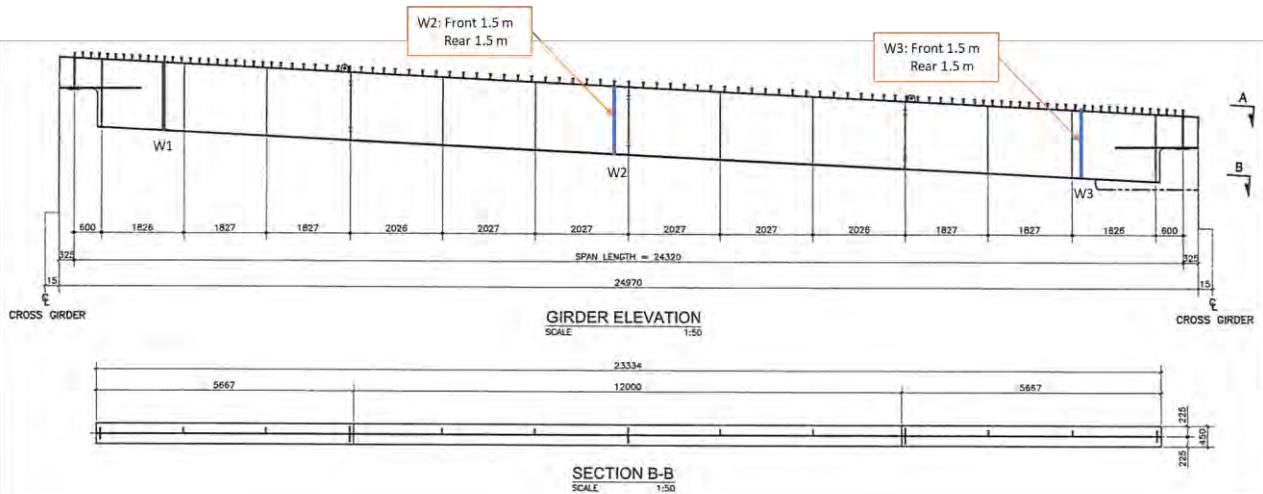
Location

Bangkok of Thailand

Flyover 1 Span 4 Girder 3

Eddy Current.

6.00 meters

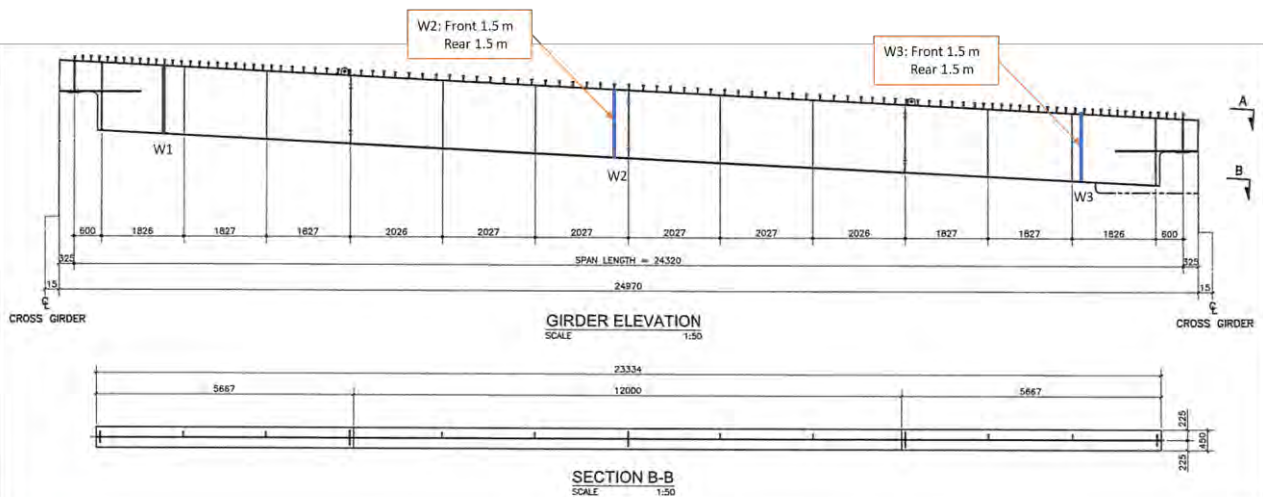


Eddy Current
— Accept
— Not Accept

Flyover 1 Span 4 Girder 4

Eddy Current.

6.00 meters



Eddy Current
— Accept
— Not Accept

Inspection of Ladprao Bridge Flyover No.1	Extent Span 5 Girder 1 - 4	Location Bangkok of Thailand
Material Cabon Steel	Surface Coating	temp Ambient
Procedure P-INT-49	Acceptance Criteria P-INT-49 Praragraph 5.7	Max paint thickness 472 μm.
Equipment (including S/N) Nortec 500 S/N N500X12769Y023022	probe (including S/N) WLD-855/7L P/N9403362	Abs/Diff/Bridge Bridge
Ref Block (including S/N) S/N 510209	Nr. of shims used (thinkness) 1 = 0.5 mm.	Sensitivity Notch 1 mm. = 80 FSH
Frequency 100-600 KHz.	phase 127°	Gain 82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

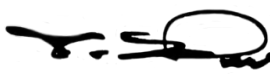
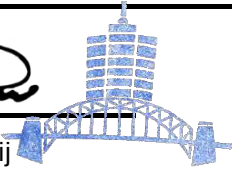


Inspection Conclusion

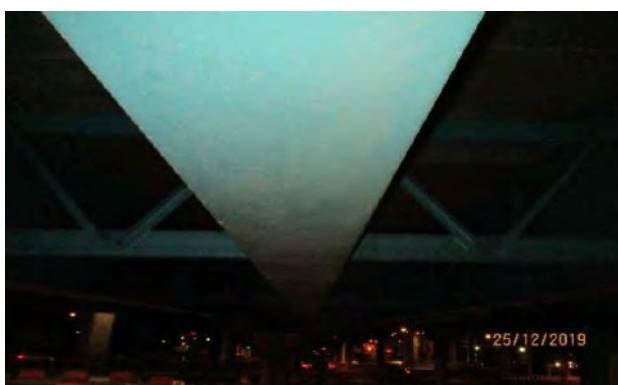
Eddy current surface testing was performed on weldment of Span 5 Girder 1 - 4

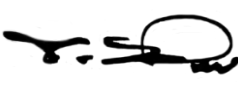
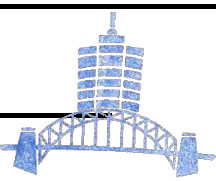
The inspection result, no indication was found at the inspection time.

Approved by


 Mr. Teerapoj Warachij 

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 5 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

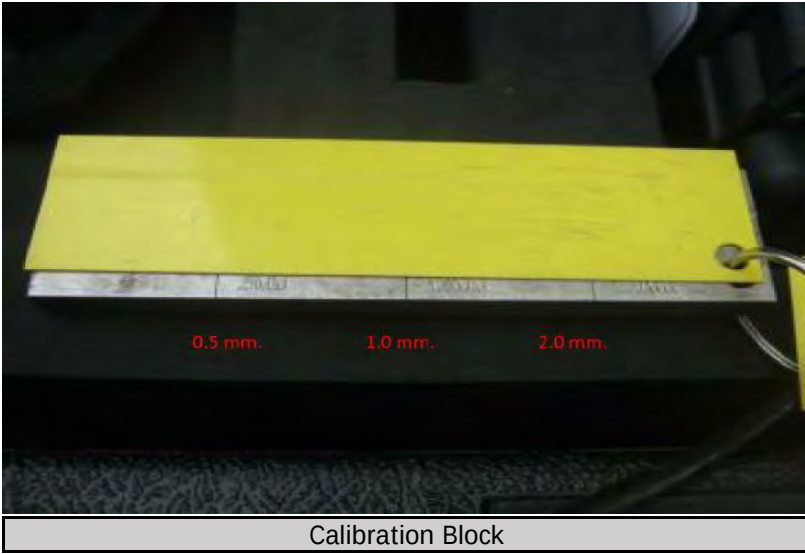
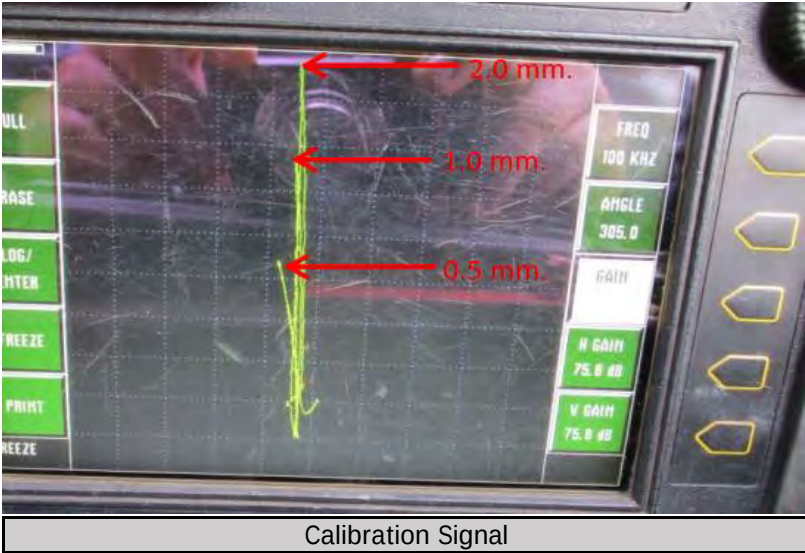
Extent

Span 5 Girder 1 - 4

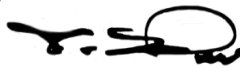
Location

Bangkok of Thailand

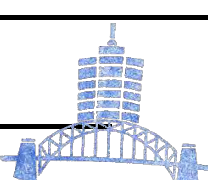
Inspection Comment

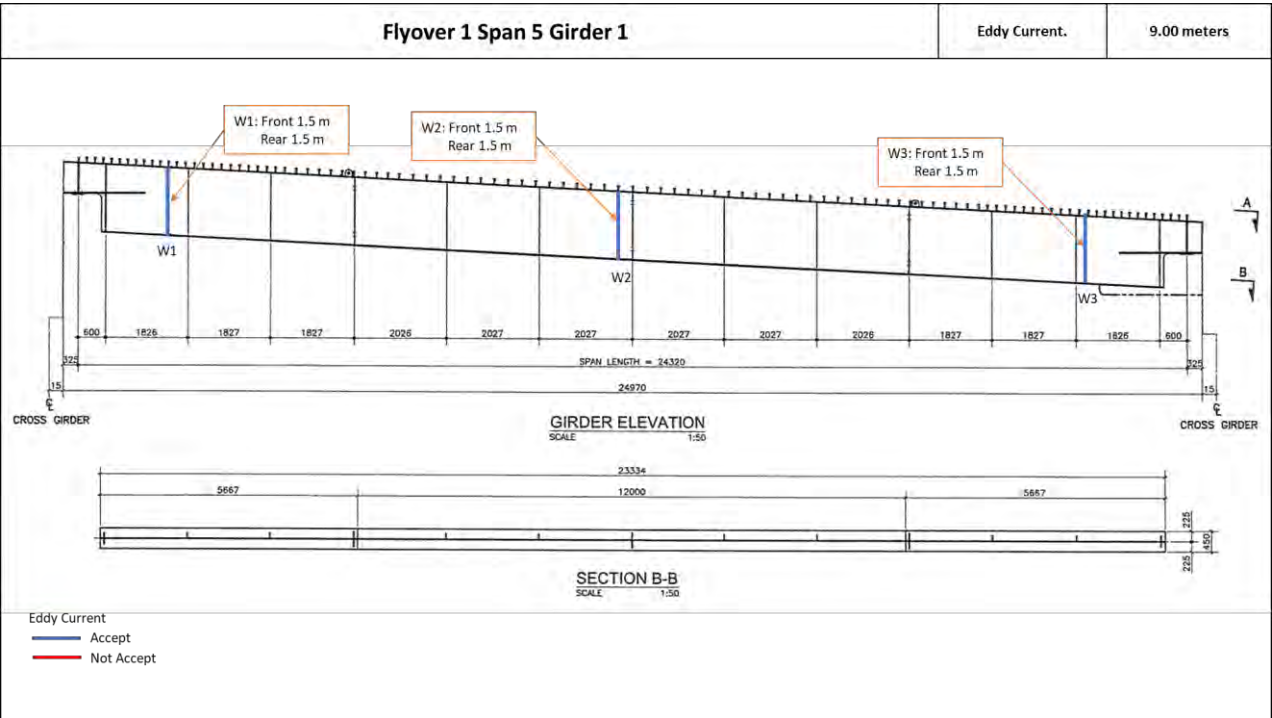
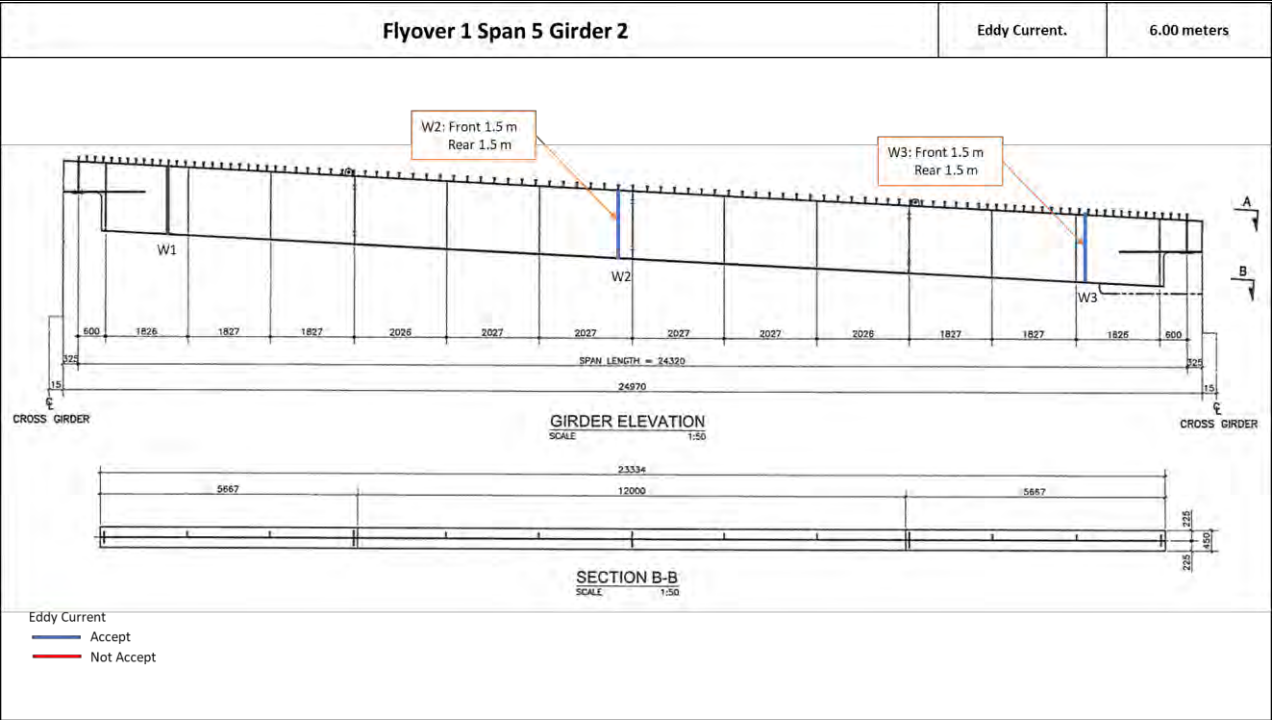


Approved by

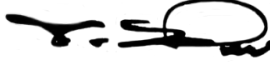


Mr. Teerapoj Warachij

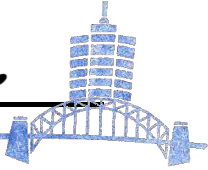


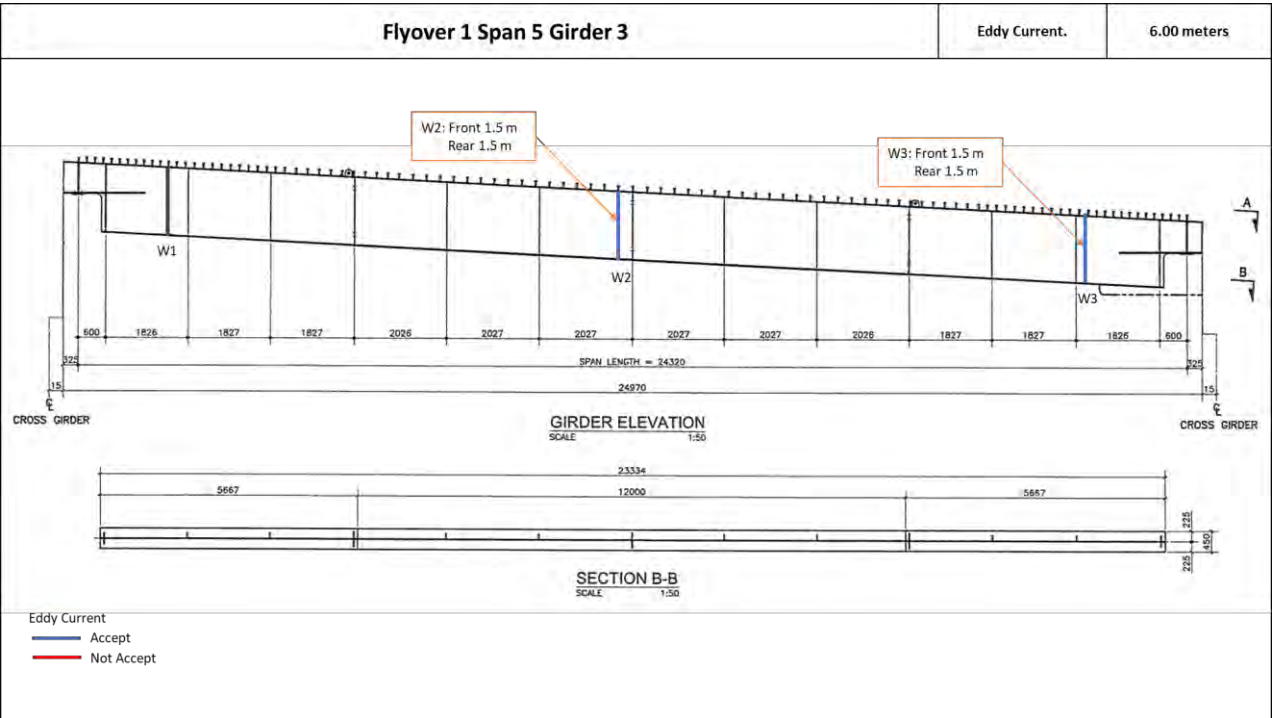
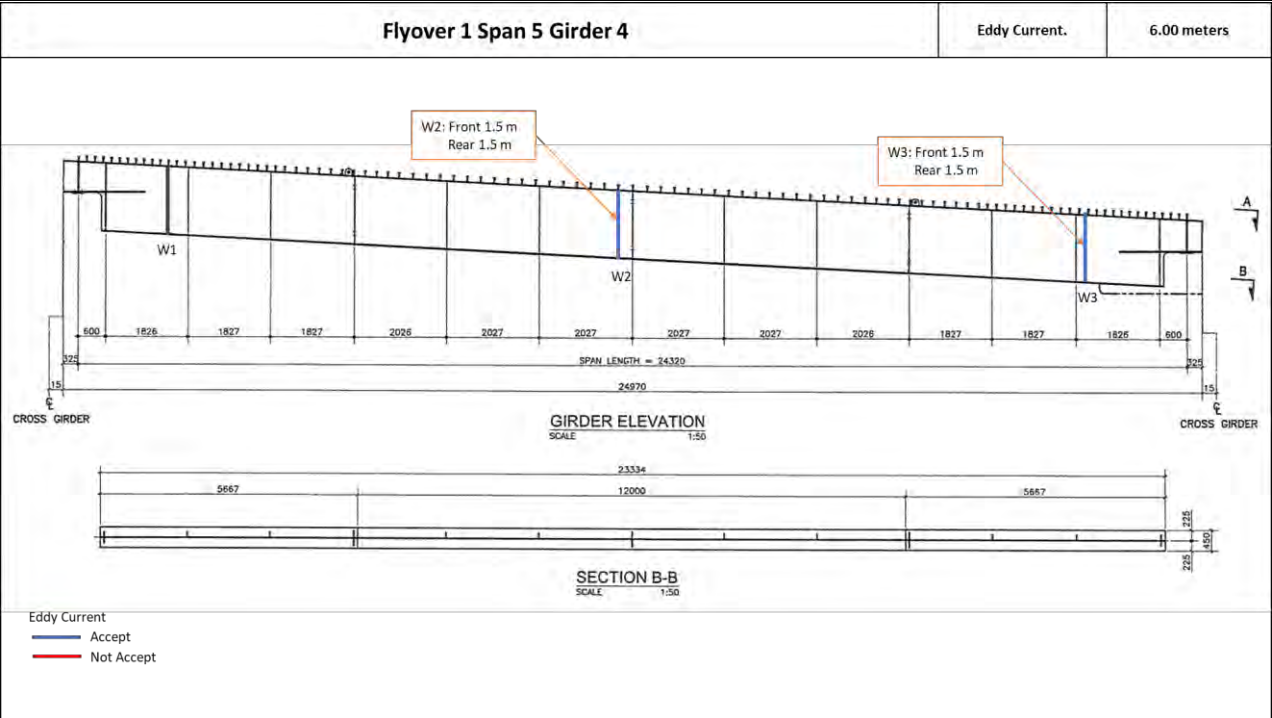


Approved by

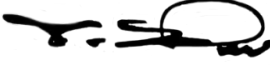


Mr. Teerapoj Warachij

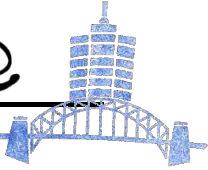




Approved by



Mr. Teerapoj Warachij

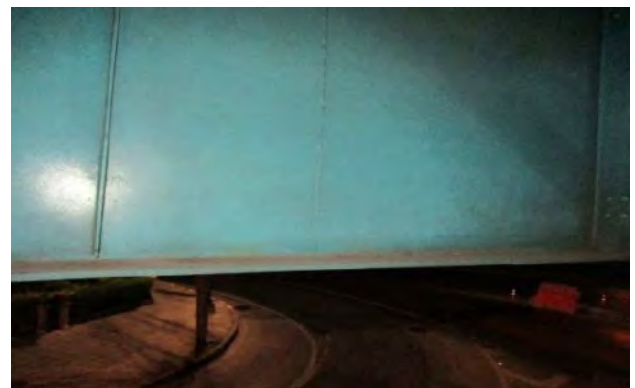


Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 6 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Praragraph 5.7	472 μ m.
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

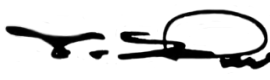
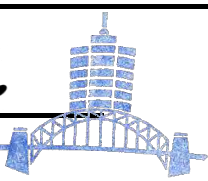
No visible damage was found.

Inspection Comment

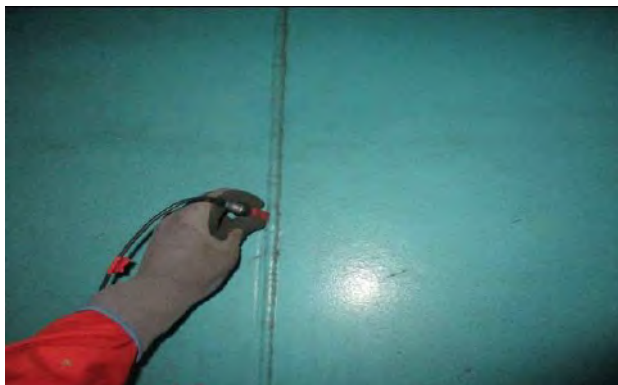


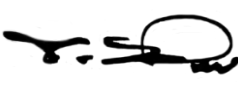
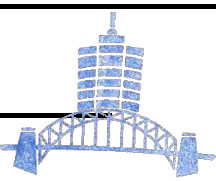
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 6 Girder 1 - 4 The inspection result, <u>no indication was found at the inspection time.</u>
--

Approved by		
	Mr. Teerapoj Warachij	

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 6 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

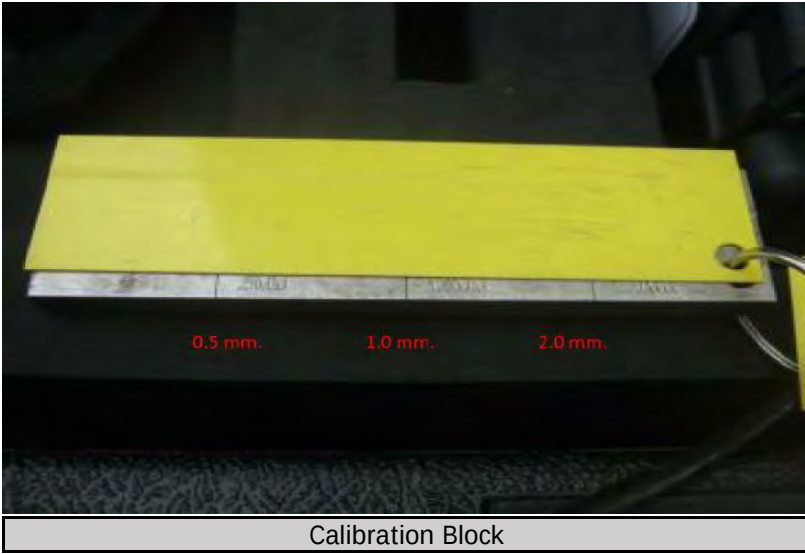
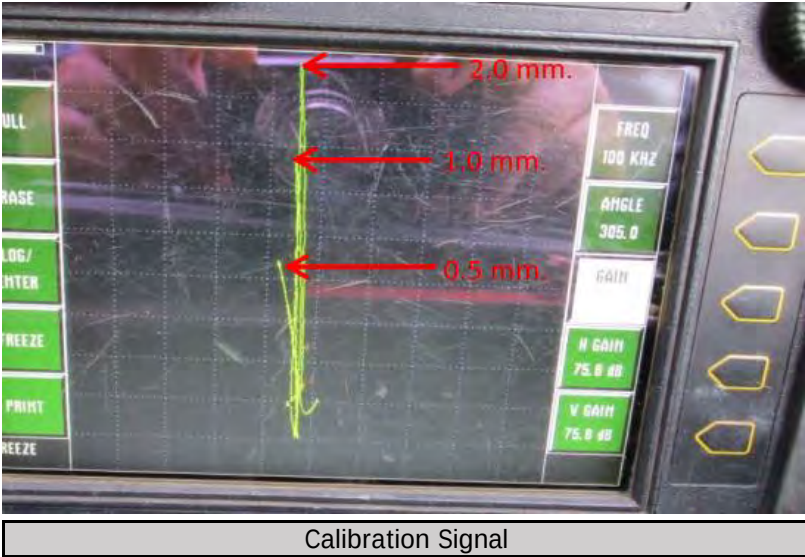
Extent

Span 6 Girder 1 - 4

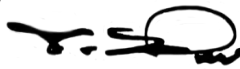
Location

Bangkok of Thailand

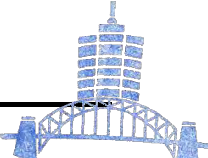
Inspection Comment



Approved by



Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 6 Girder 1 - 4

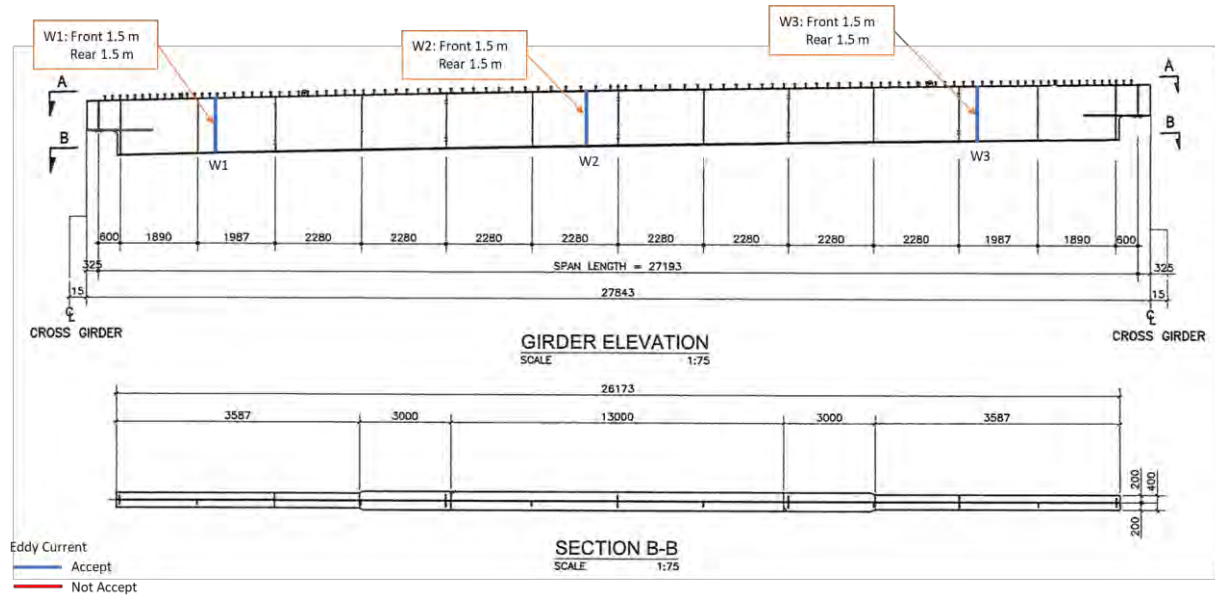
Location

Bangkok of Thailand

Flyover 1 Span 6 Girder 1

Eddy Current.

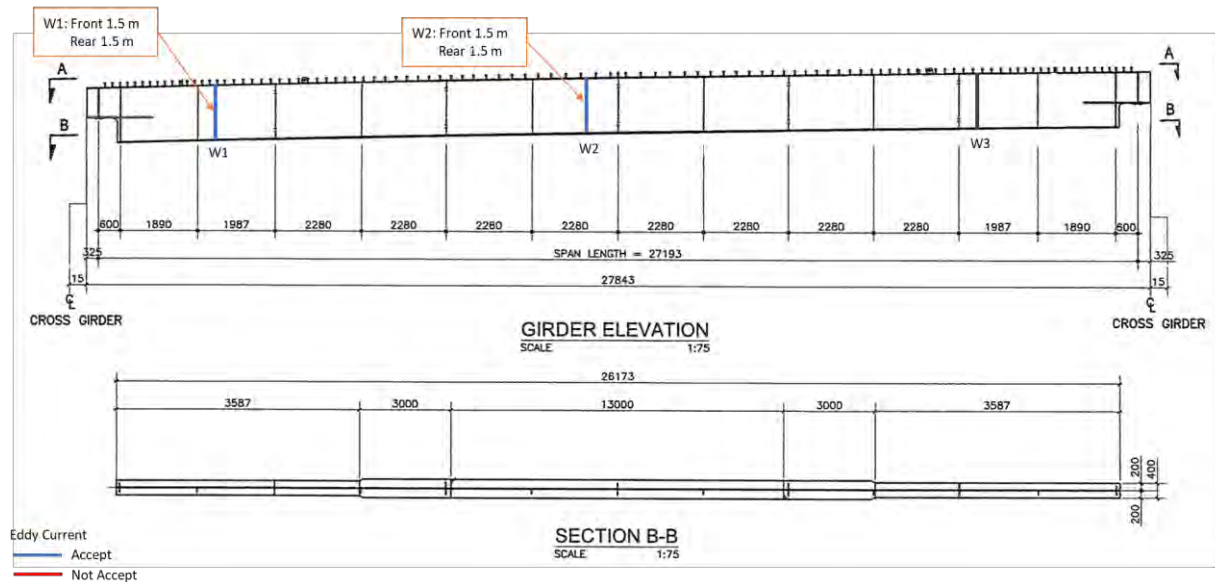
9.00 meters



Flyover 1 Span 6 Girder 2

Eddy Current.

6.00 meters



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 6 Girder 1 - 4

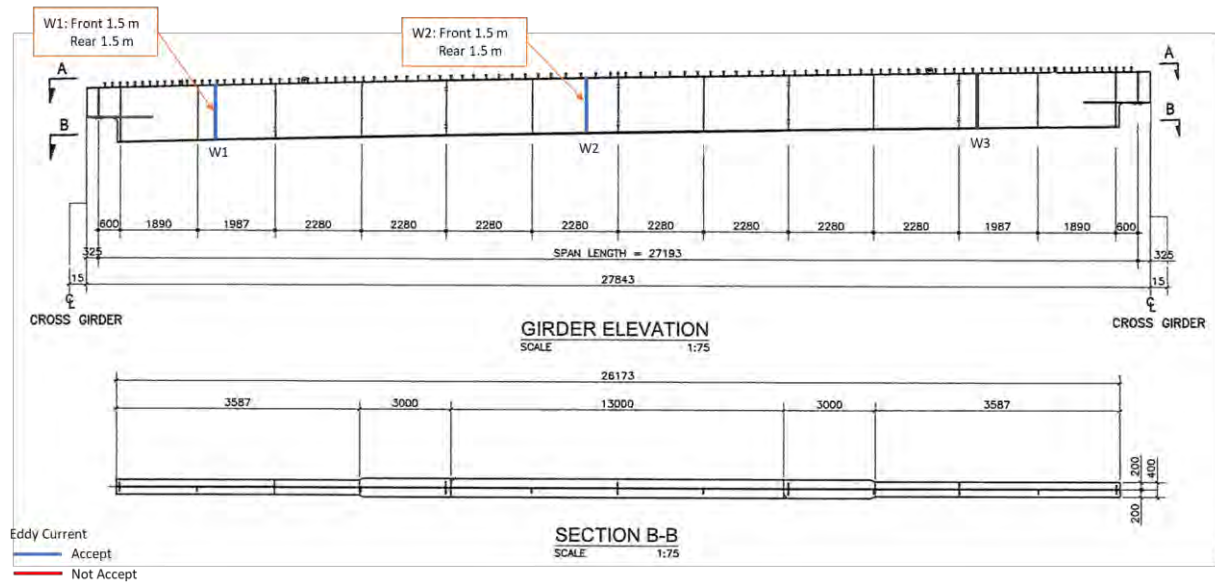
Location

Bangkok of Thailand

Flyover 1 Span 6 Girder 3

Eddy Current.

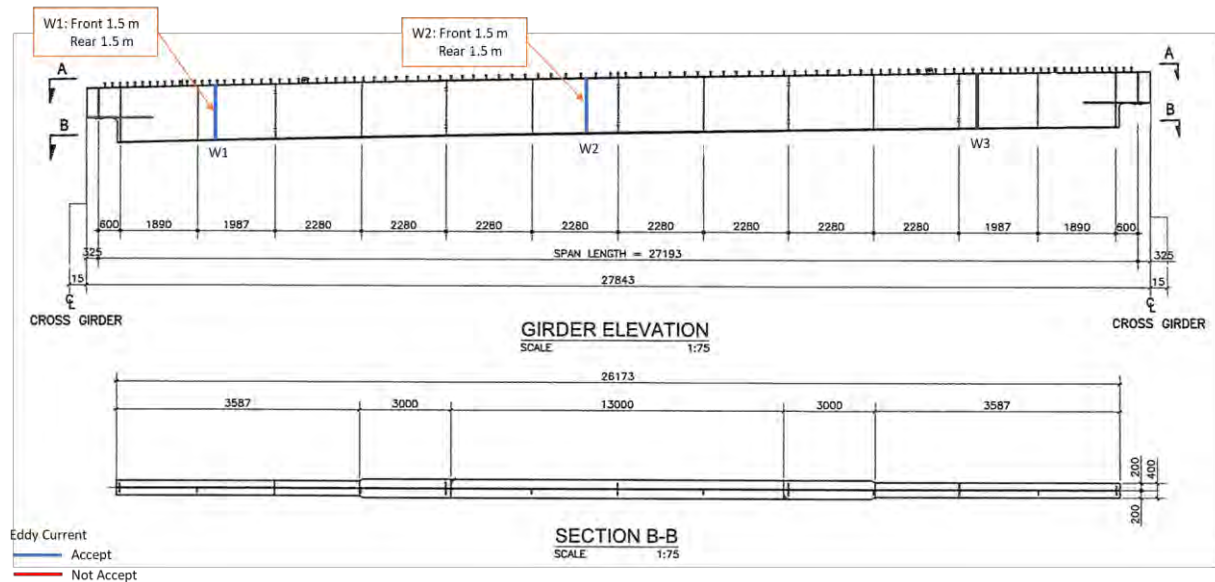
6.00 meters



Flyover 1 Span 6 Girder 4

Eddy Current.

6.00 meters



Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 7 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Praragraph 5.7	472 μm .
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

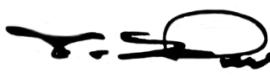
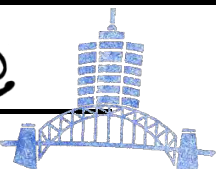
Inspection Comment



Inspection Conclusion

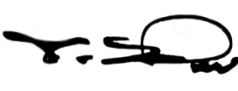
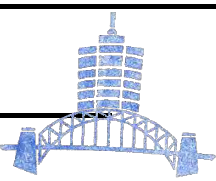
Eddy current surface testing was performed on weldment of Span 7 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

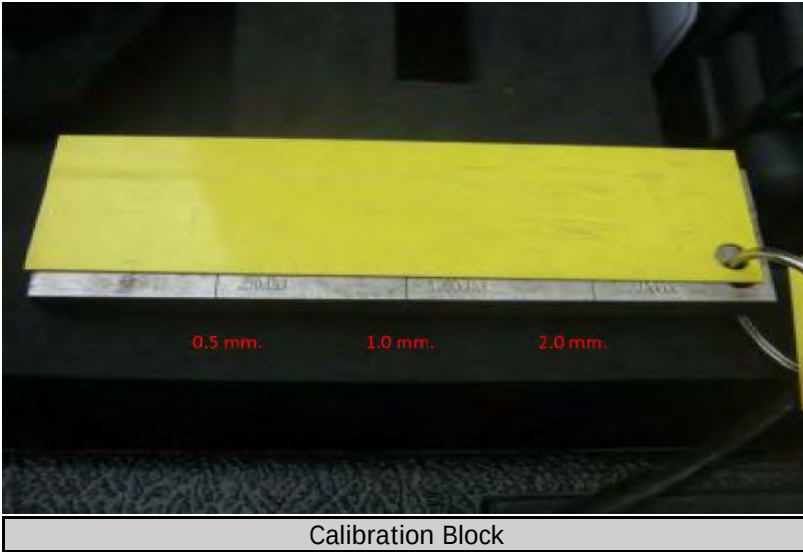
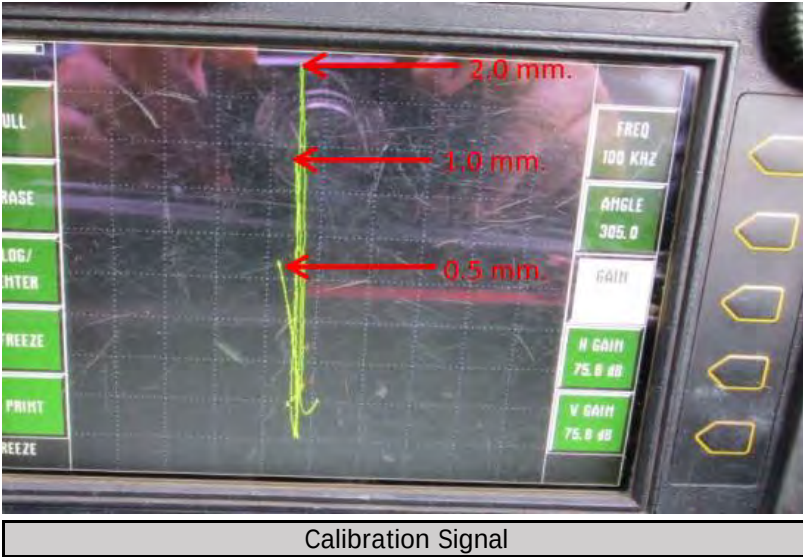
Approved by


Mr. Teerapoj Warachij 

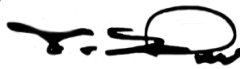
Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 7 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		

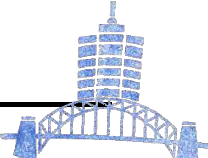


Approved by	 
Mr. Teerapoj Warachij	



Approved by



Mr. Teerapoj Warachij 

EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 7 Girder 1 - 4

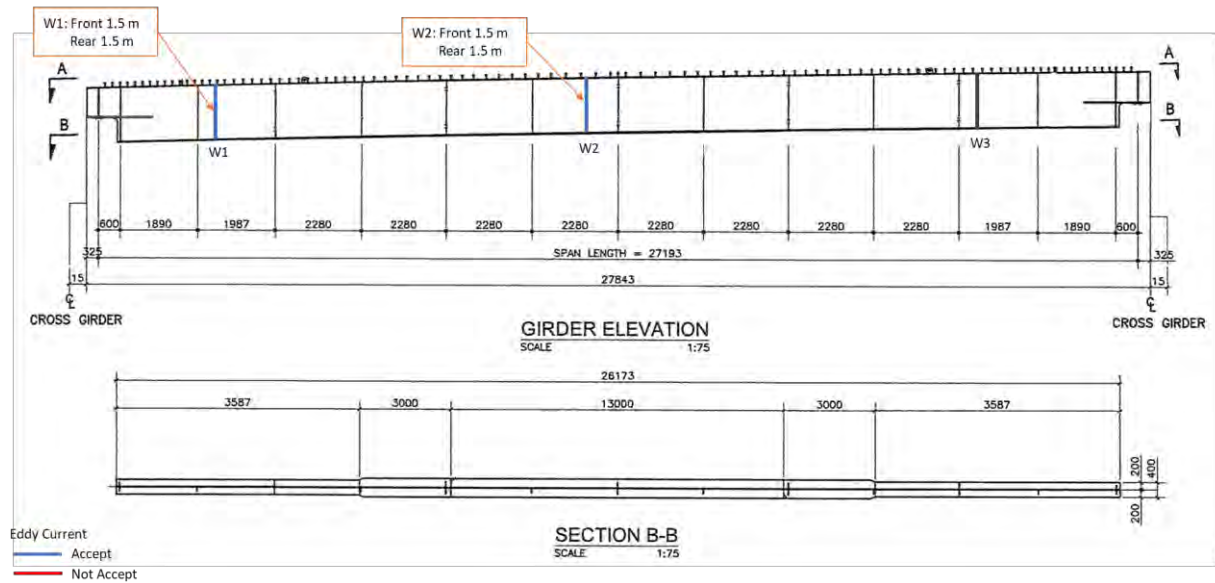
Location

Bangkok of Thailand

Flyover 1 Span 7 Girder 1

Eddy Current.

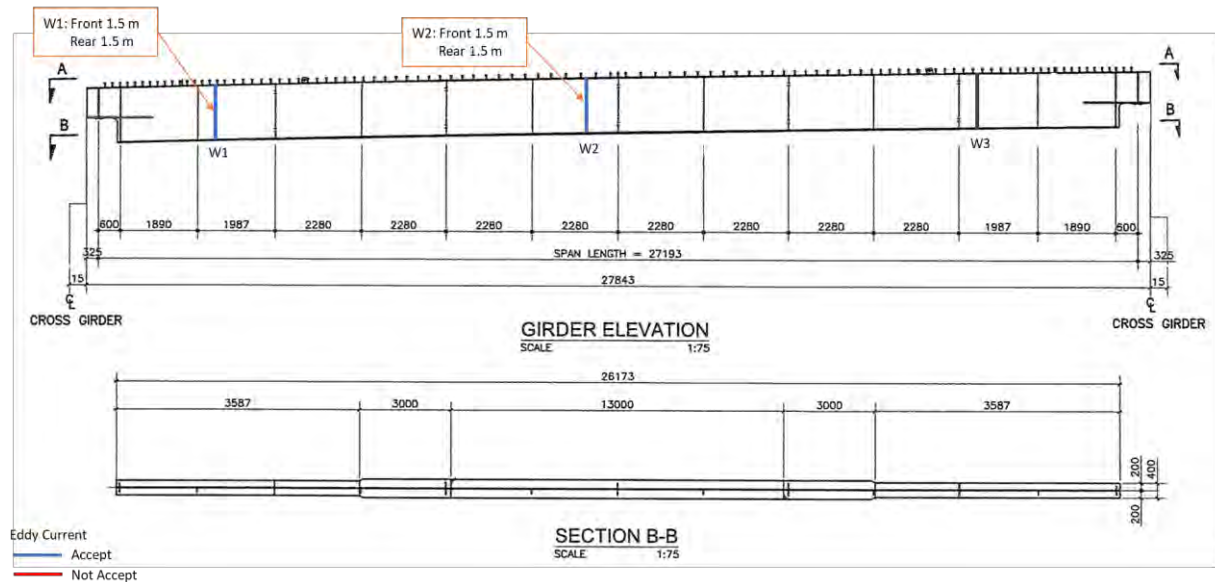
6.00 meters



Flyover 1 Span 7 Girder 2

Eddy Current.

6.00 meters



EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 7 Girder 1 - 4

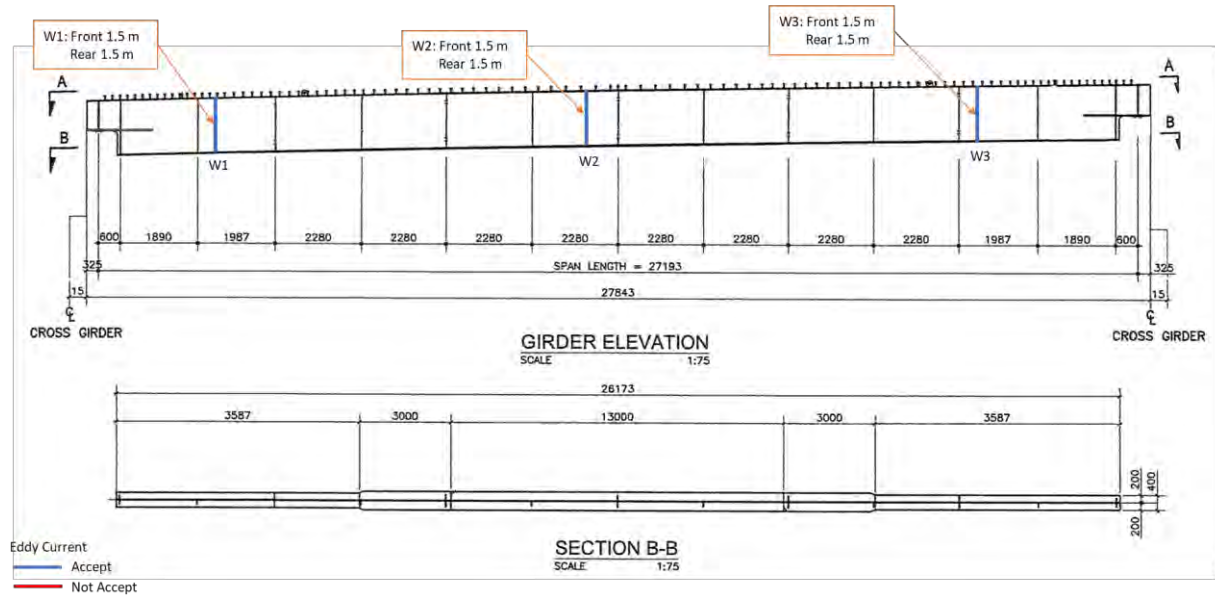
Location

Bangkok of Thailand

Flyover 1 Span 7 Girder 3

Eddy Current.

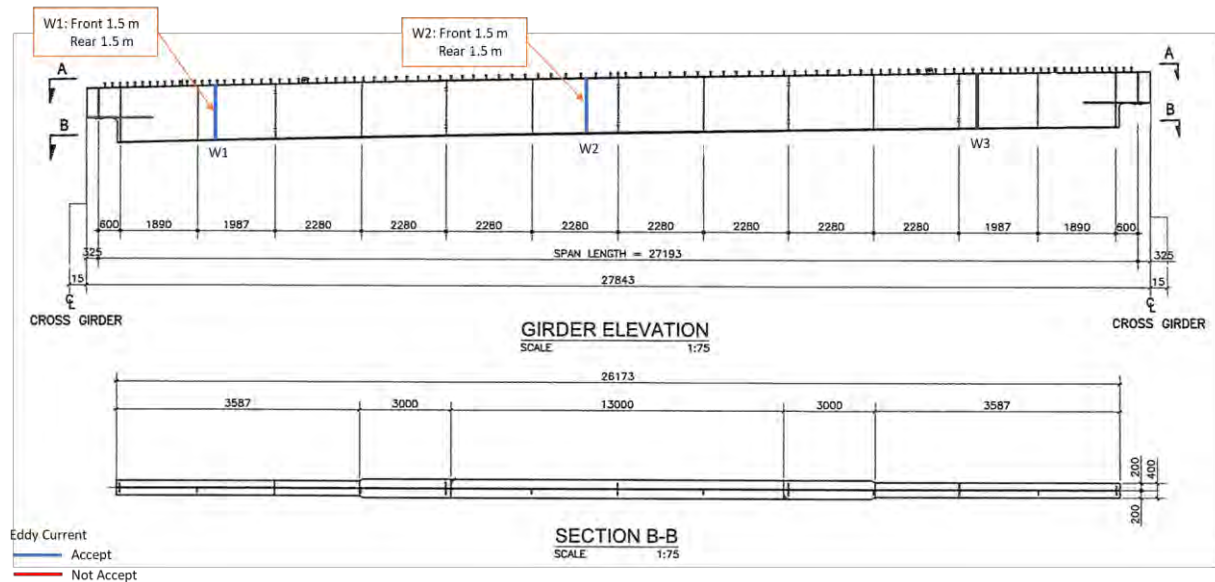
9.00 meters



Flyover 1 Span 7 Girder 4

Eddy Current.

6.00 meters

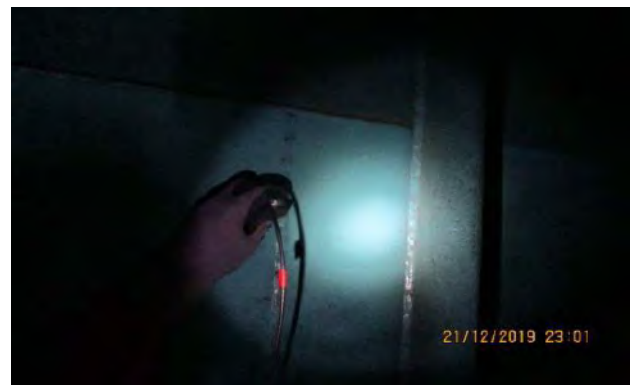
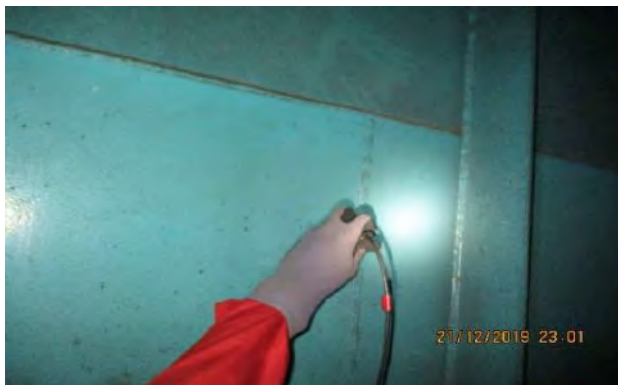


Inspection of Ladprao Bridge Flyover No.1	Extent Span 8 Girder 1 - 5	Location Bangkok of Thailand
Material Cabon Steel	Surface Coating	temp Ambient
Procedure P-INT-49	Acceptance Criteria P-INT-49 Praragraph 5.7	Max paint thickness 472 μm.
Equipment (including S/N) Nortec 500 S/N N500X12769Y023022	probe (including S/N) WLD-855/7L P/N9403362	Abs/Diff/Bridge Bridge
Ref Block (including S/N) S/N 510209	Nr. of shims used (thinkness) 1 = 0.5 mm.	Sensitivity Notch 1 mm. = 80 FSH
Frequency 100-600 KHz.	phase 127°	Gain 82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



Inspection Conclusion

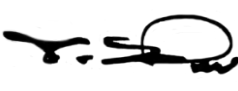
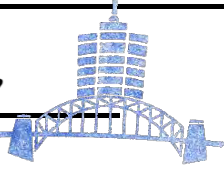
Eddy current surface testing was performed on weldment of Span 8 Girder 1 - 5
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 8 Girder 1 - 5	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

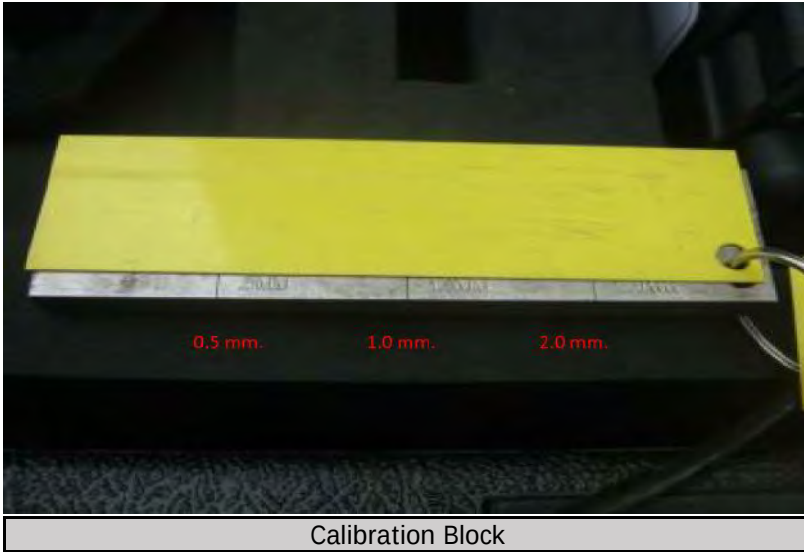
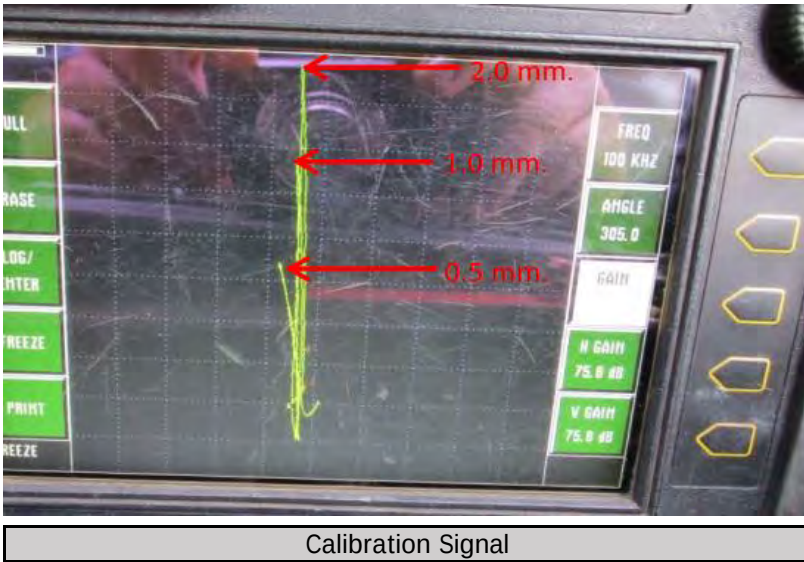
Extent

Span 8 Girder 1 - 5

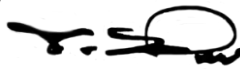
Location

Bangkok of Thailand

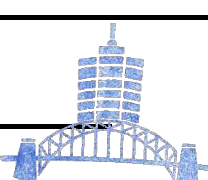
Inspection Comment



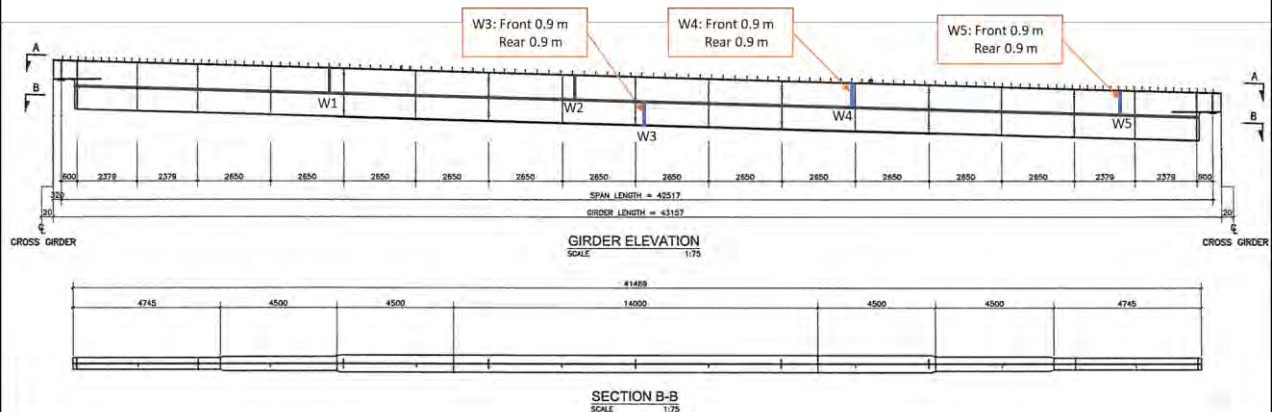
Approved by



Mr. Teerapoj Warachij

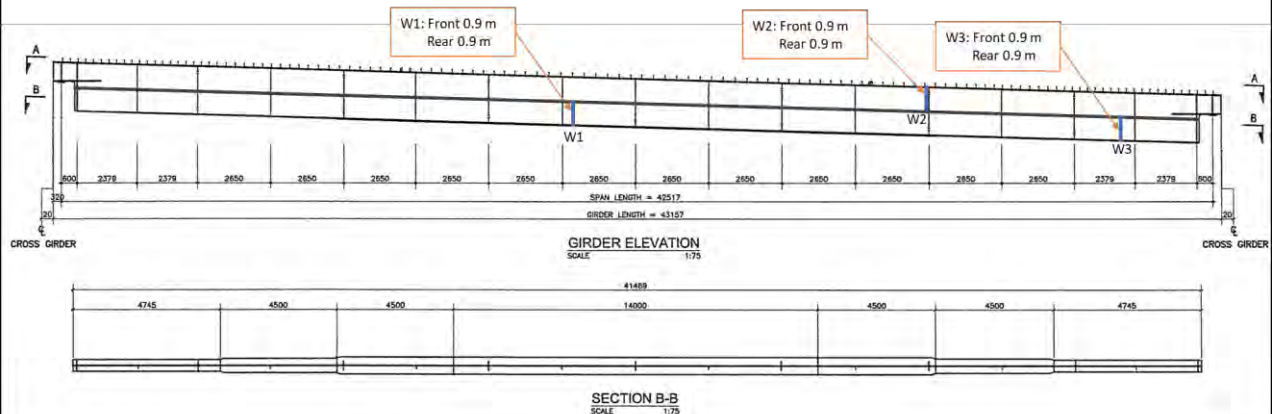


Flyover 1 Span 8 Girder 1	Eddy Current.	5.40 meters
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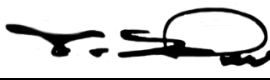
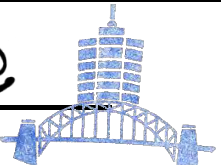
Eddy Current
 — Accept
 — Not Accept

Flyover 1 Span 8 Girder 2	Eddy Current.	5.40 meters
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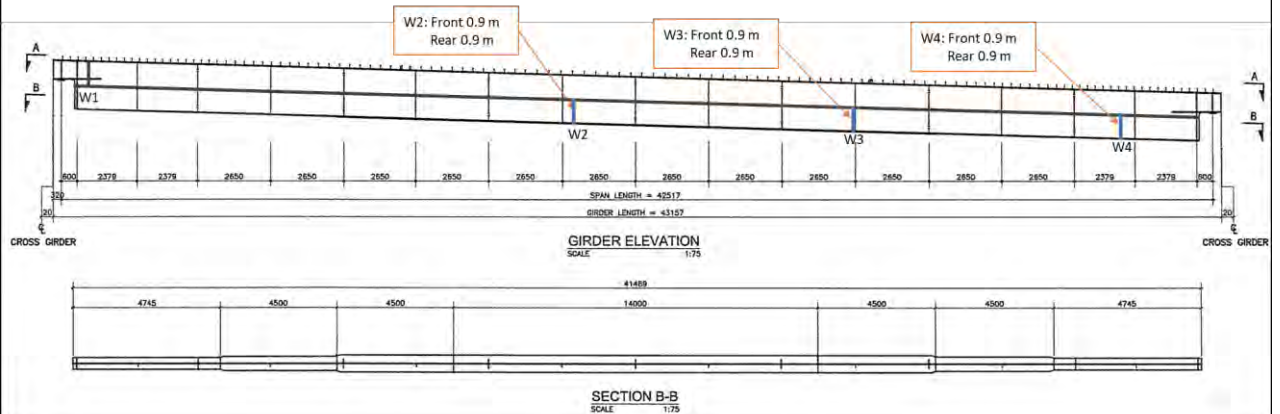


Eddy Current
 — Accept
 — Not Accept

Approved by

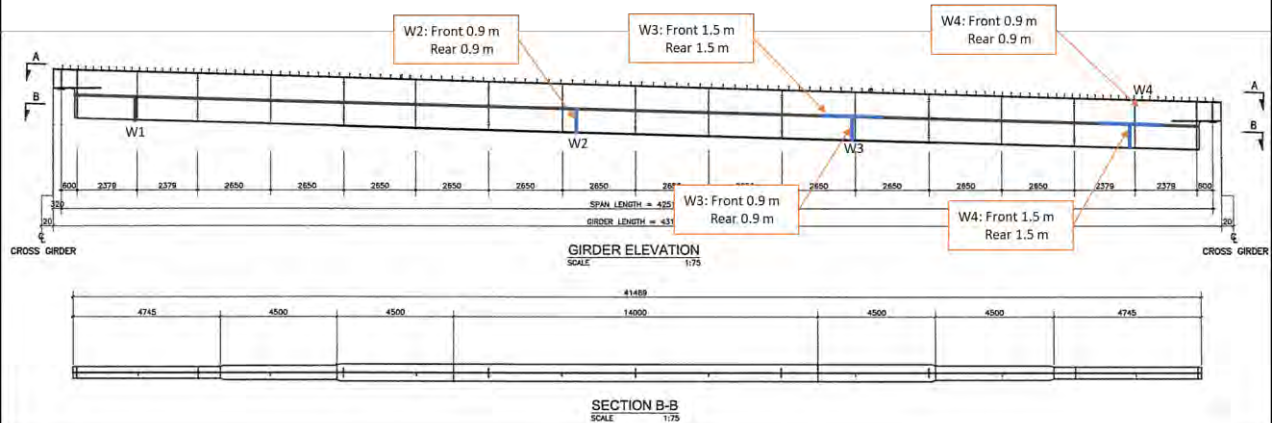

 Mr. Teerapoj Warachij 

Flyover 1 Span 8 Girder 3	Eddy Current.	5.40 meters
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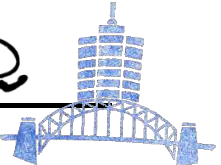
Eddy Current
— Accept
— Not Accept

Flyover 1 Span 8 Girder 4	Eddy Current.	11.40 meters
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Eddy Current
— Accept
— Not Accept

Approved by

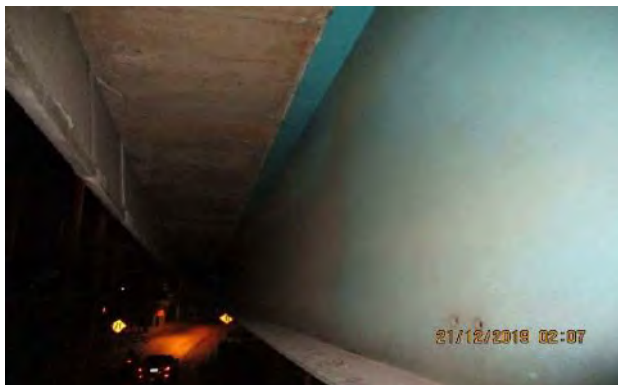

 Mr. Teerapoj Warachij 

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 9 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Praragraph 5.7	472 μ m.
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

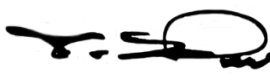
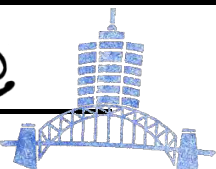


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 9 Girder 1 - 4

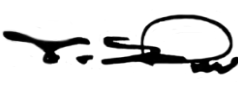
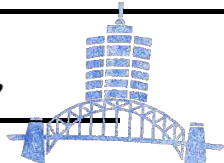
The inspection result, no indication was found at the inspection time.

Approved by



Mr. Teerapoj Warachij

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 9 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

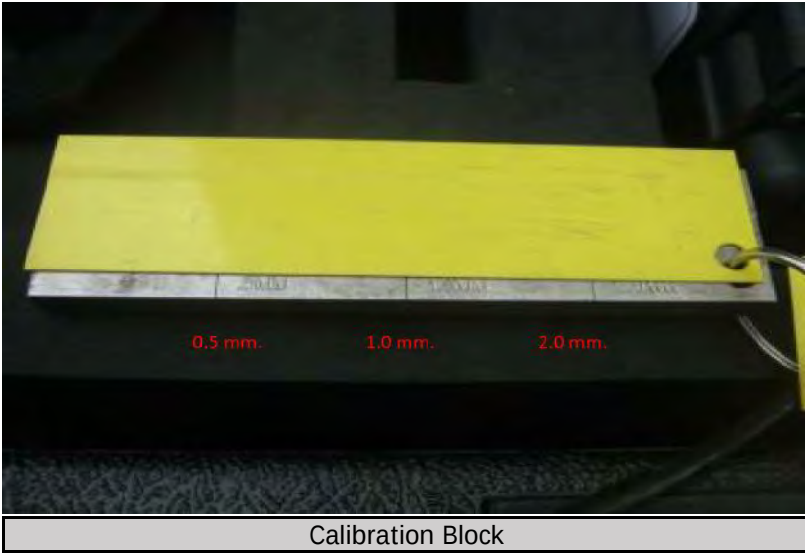
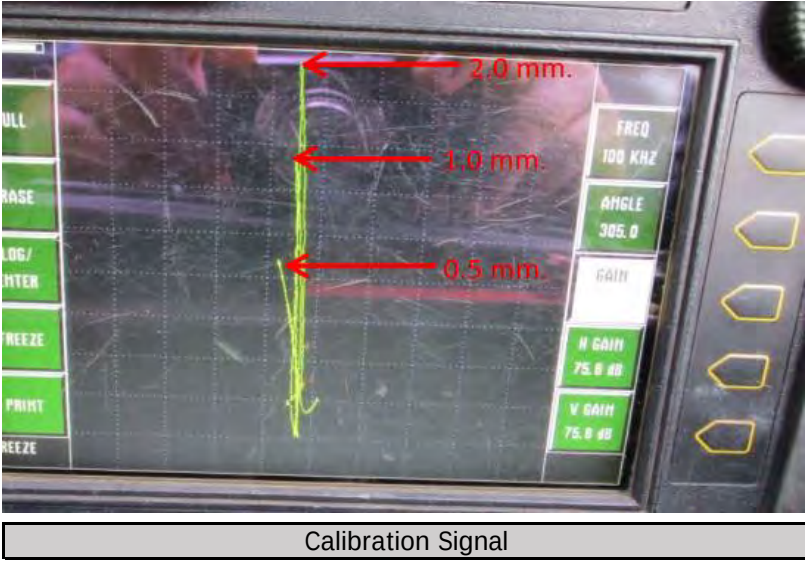
Extent

Span 9 Girder 1 - 4

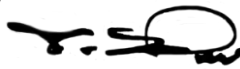
Location

Bangkok of Thailand

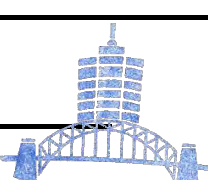
Inspection Comment

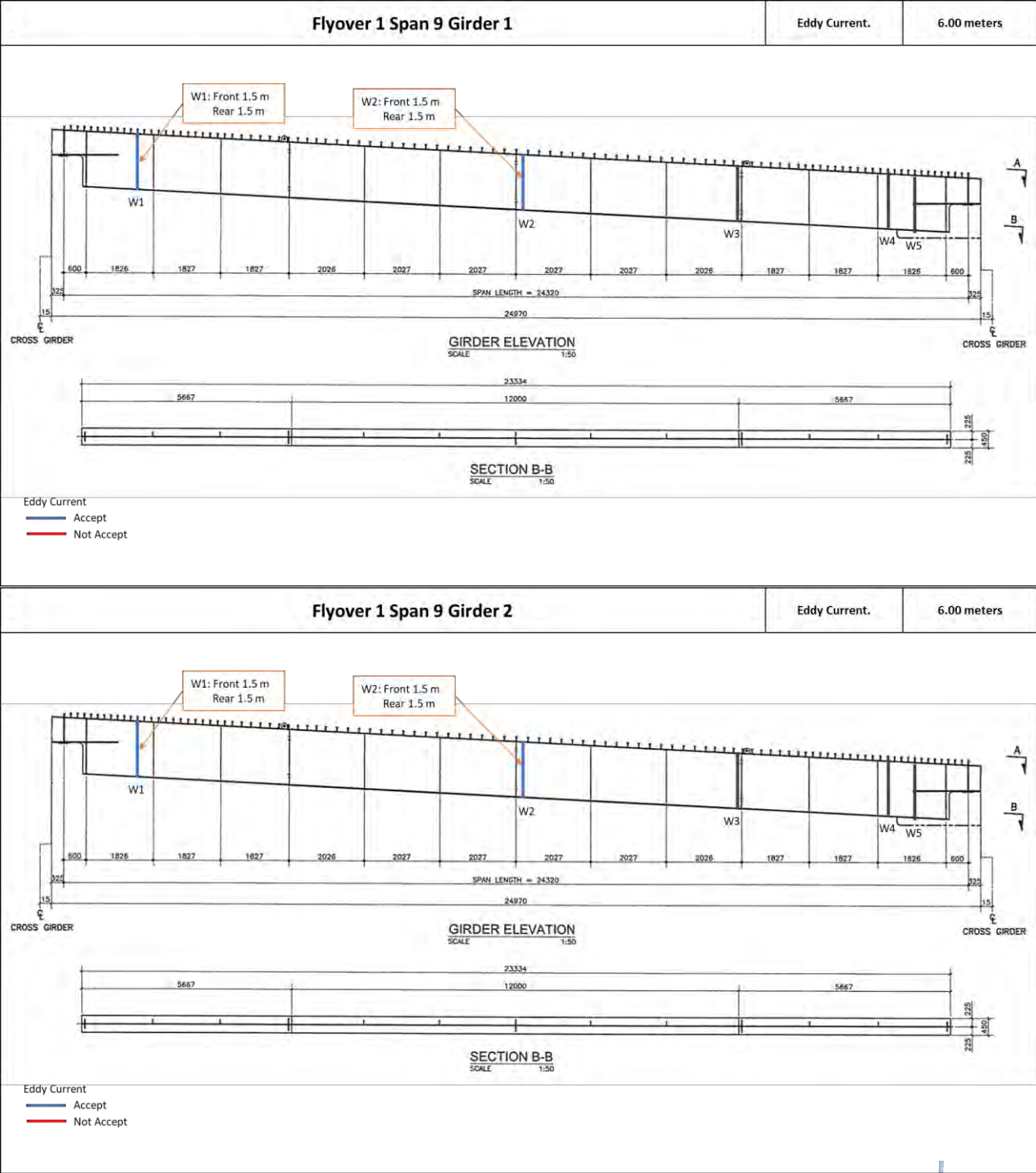


Approved by

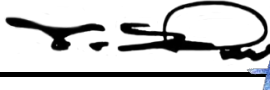
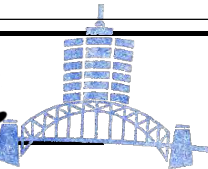


Mr. Teerapoj Warachij

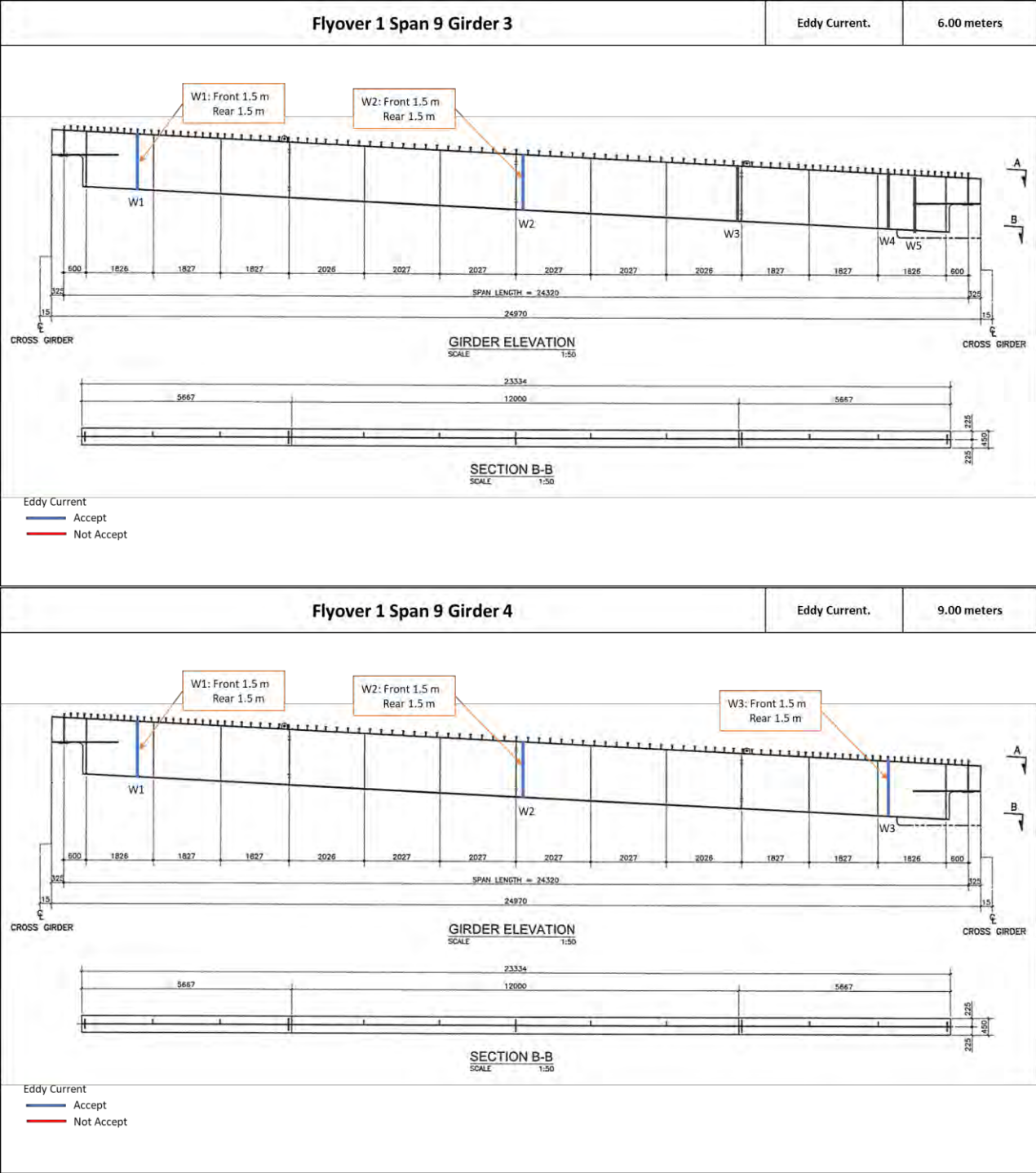




Approved by

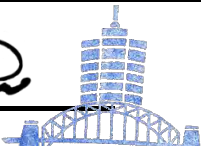


Mr. Teerapong Warachii



Approved by

Mr Teerapong Watanachai



Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 10 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Praragraph 5.7	472 μm .
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



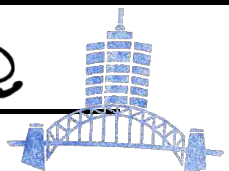
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 10 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 10 Girder 1 - 4

Location

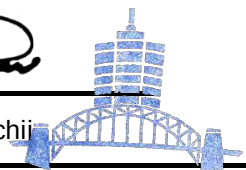
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachii



Inspection of

Ladprao Bridge Flyover No.1

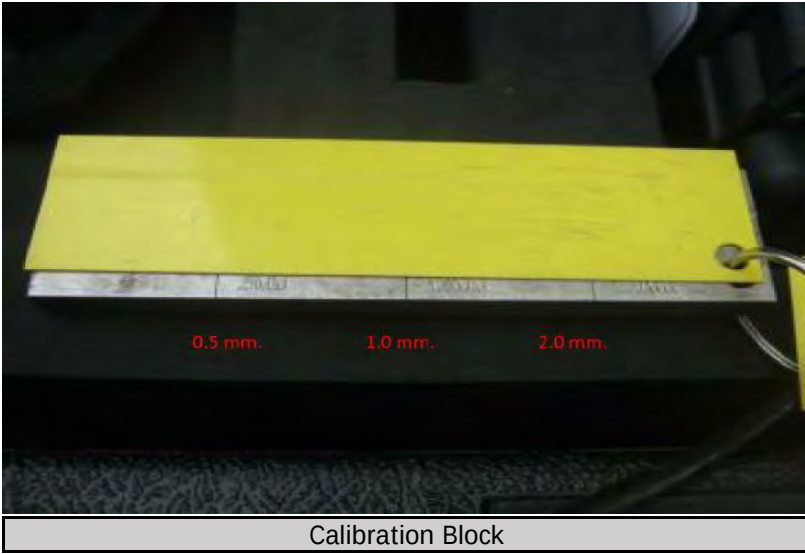
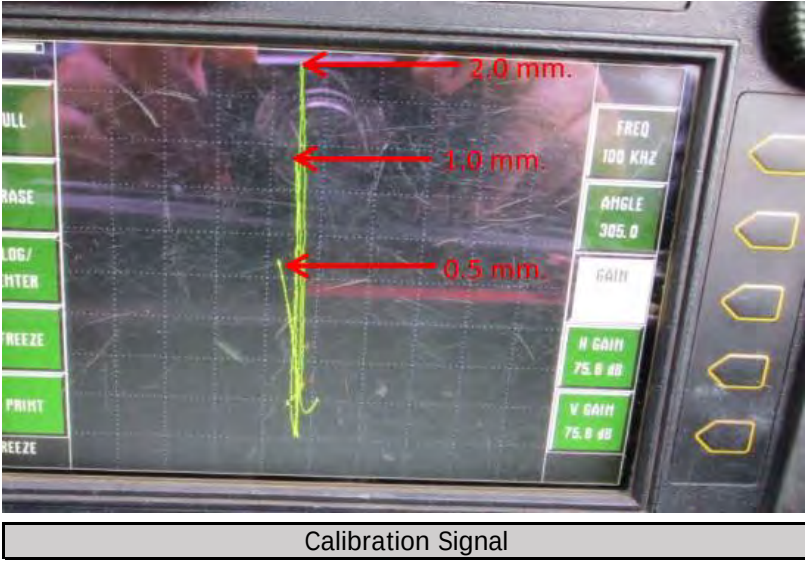
Extent

Span 10 Girder 1 - 4

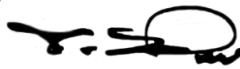
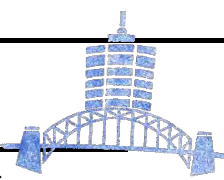
Location

Bangkok of Thailand

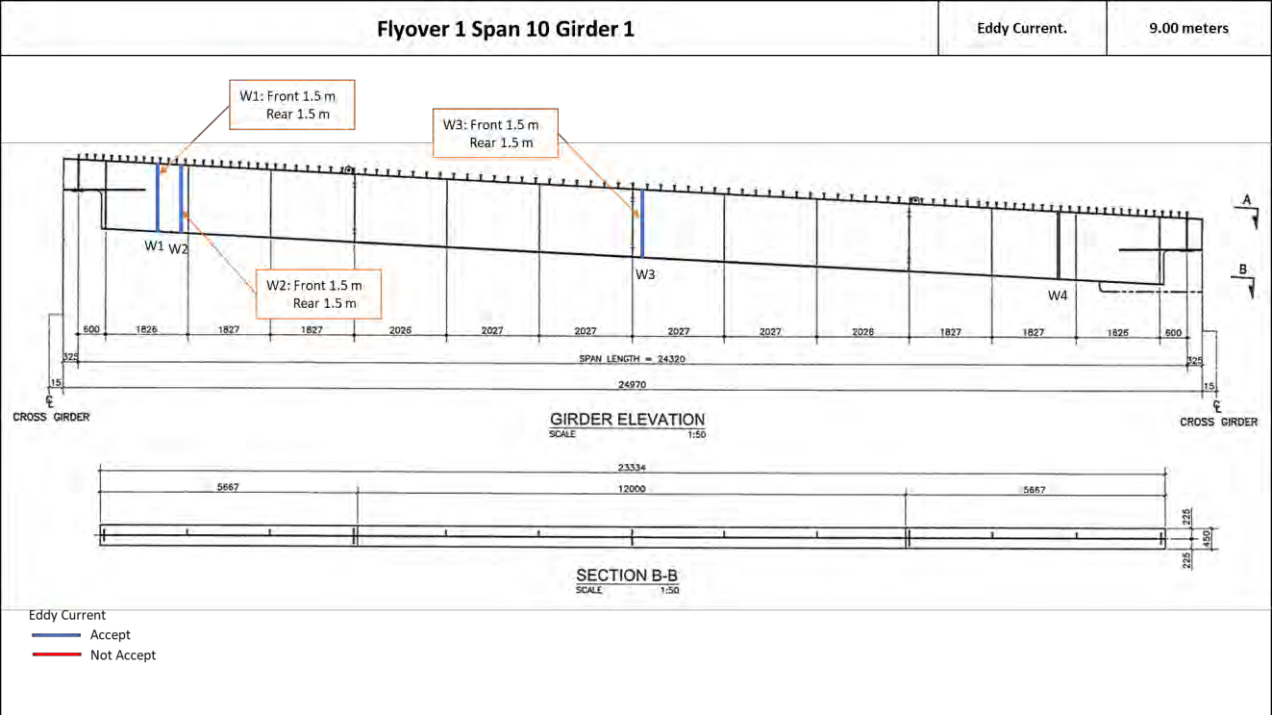
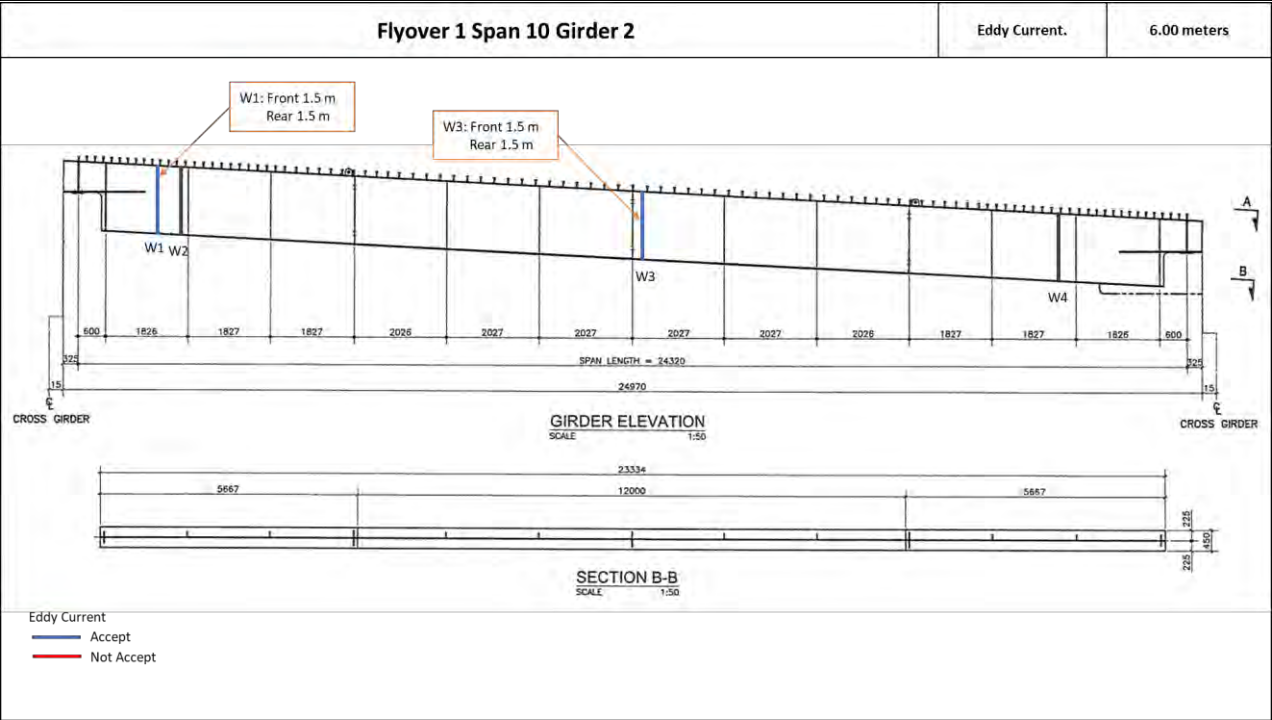
Inspection Comment



Approved by

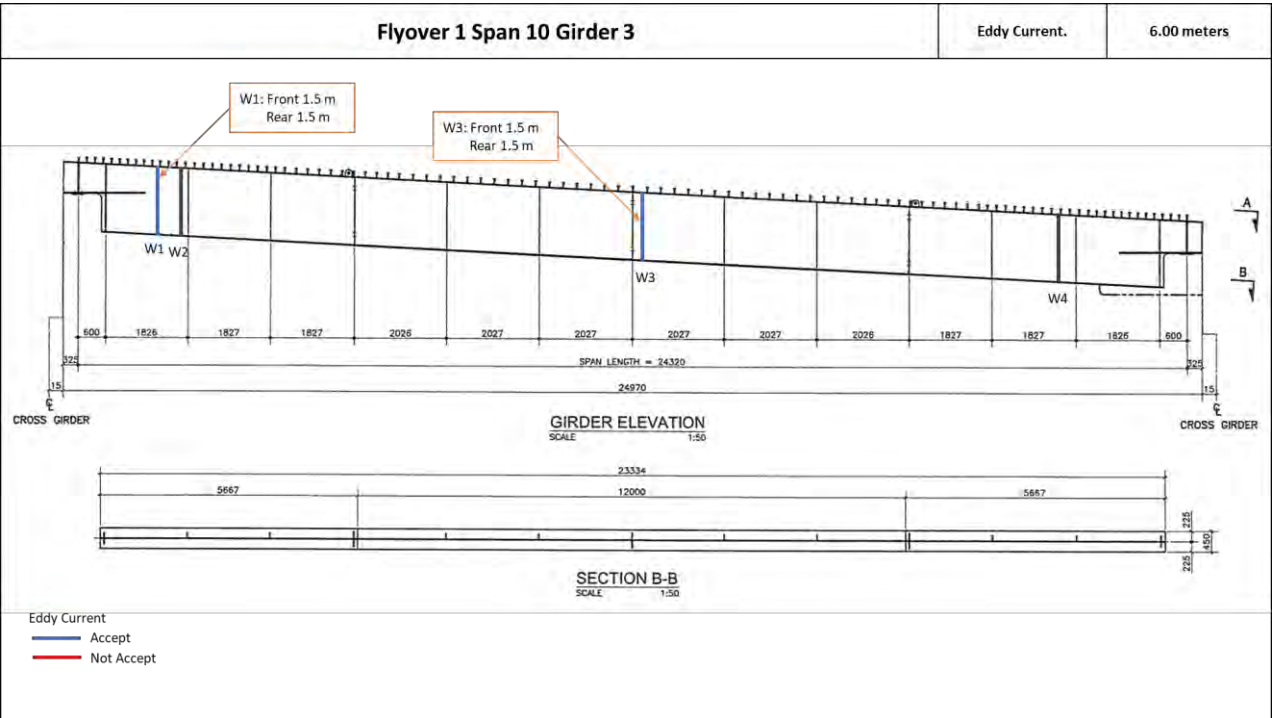
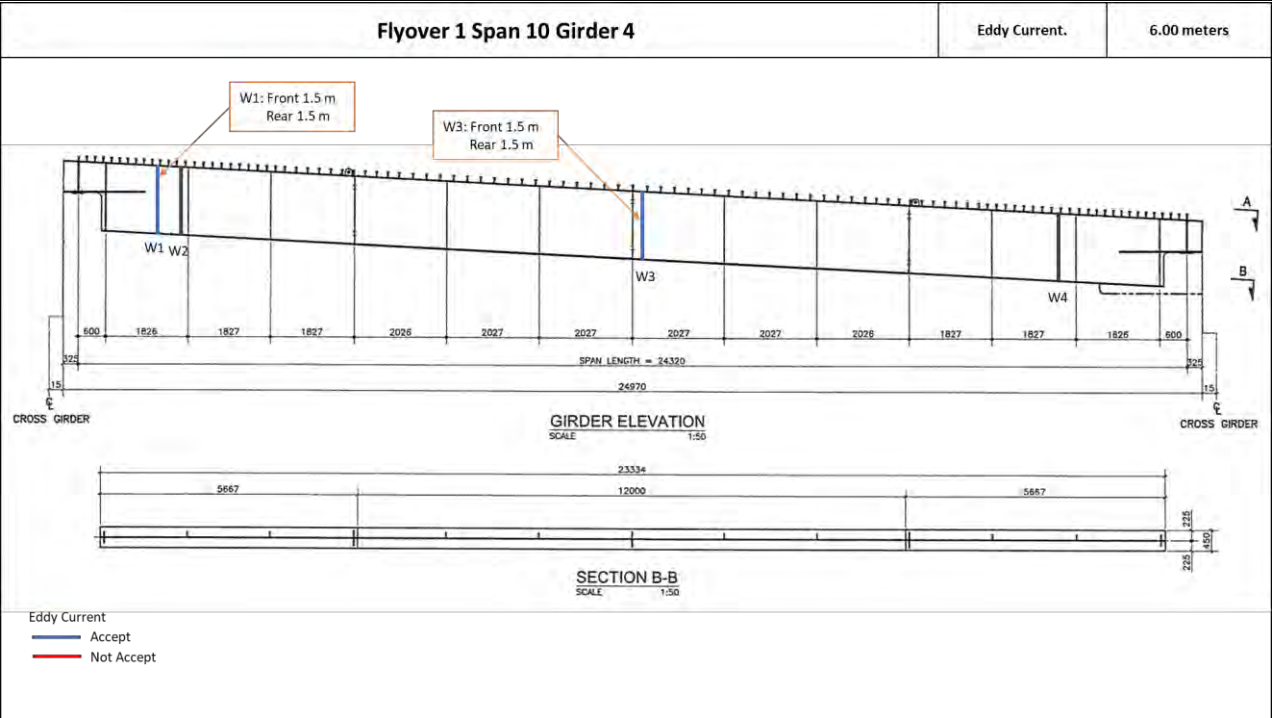


Mr. Teerapoj Warachij

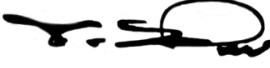


Approved by

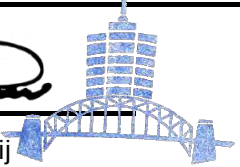
Mr. Teerapoj Warachij



Approved by



Mr. Teerapoj Warachij



Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 11 Girder 1 - 4	Bangkok of Thailand
Material	Surface	temp
Cabon Steel	Coating	Ambient
Procedure	Acceptance Criteria	Max paint thickness
P-INT-49	P-INT-49 Praragraph 5.7	472 μm .
Equipment (including S/N)	probe (including S/N)	Abs/Diff/Bridge
Nortec 500 S/N N500X12769Y023022	WLD-855/7L P/N9403362	Bridge
Ref Block (including S/N)	Nr. of shims used (thinkness)	Sensitivity
S/N 510209	1 = 0.5 mm.	Notch 1 mm. = 80 FSH
Frequency	phase	Gain
100-600 KHz.	127°	82.5 dB

Visual Inspection Observation

No visible damage was found.

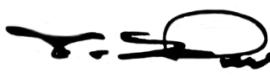
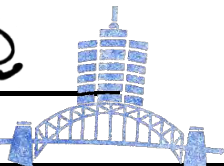
Inspection Comment



Inspection Conclusion

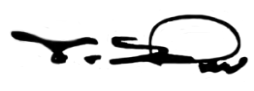
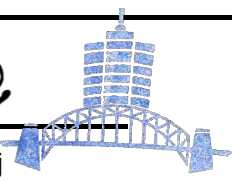
Eddy current surface testing was performed on weldment of Span 11 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by


Mr. Teerapoj Warachij 

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 11 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

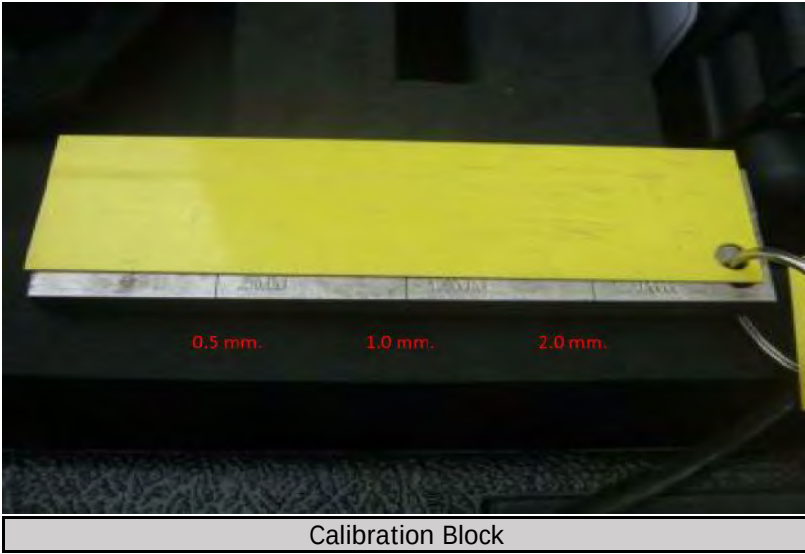
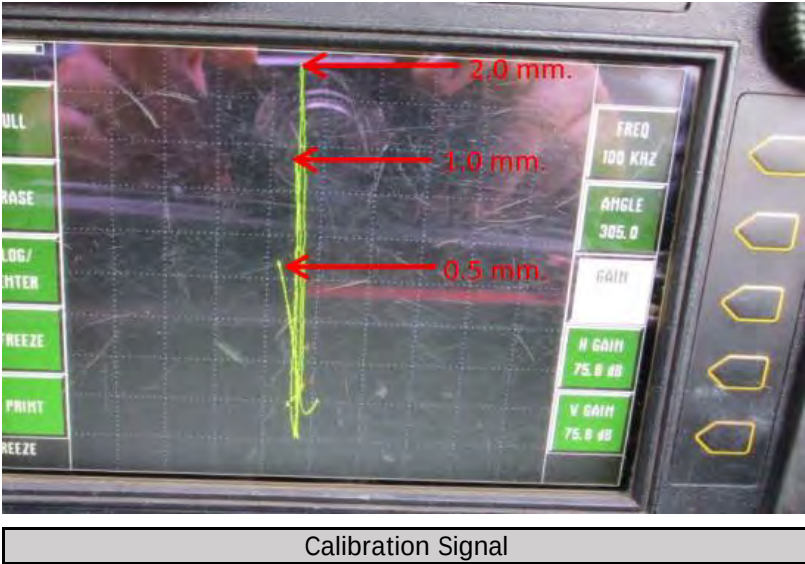
Extent

Span 11 Girder 1 - 4

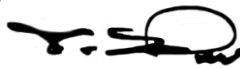
Location

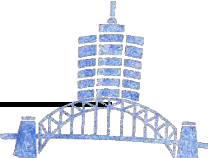
Bangkok of Thailand

Inspection Comment

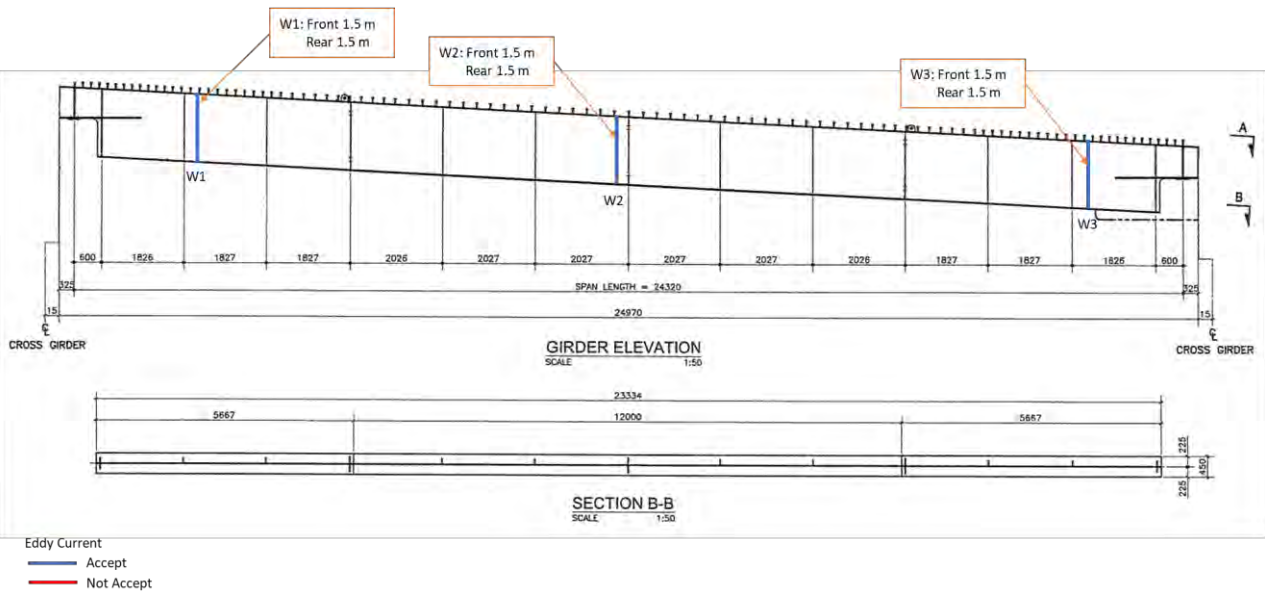


Approved by

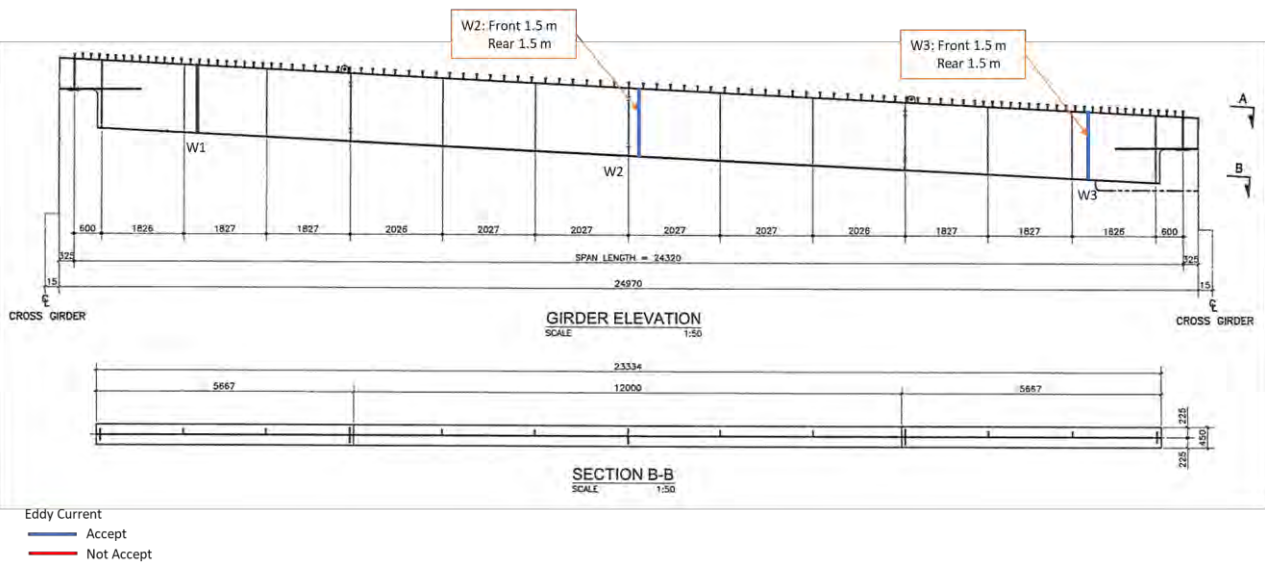

Mr. Teerapoj Warachij



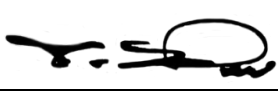
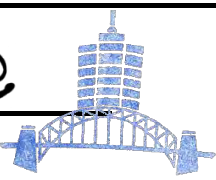
Flyover 1 Span 11 Girder 1	Eddy Current.	9.00 meters
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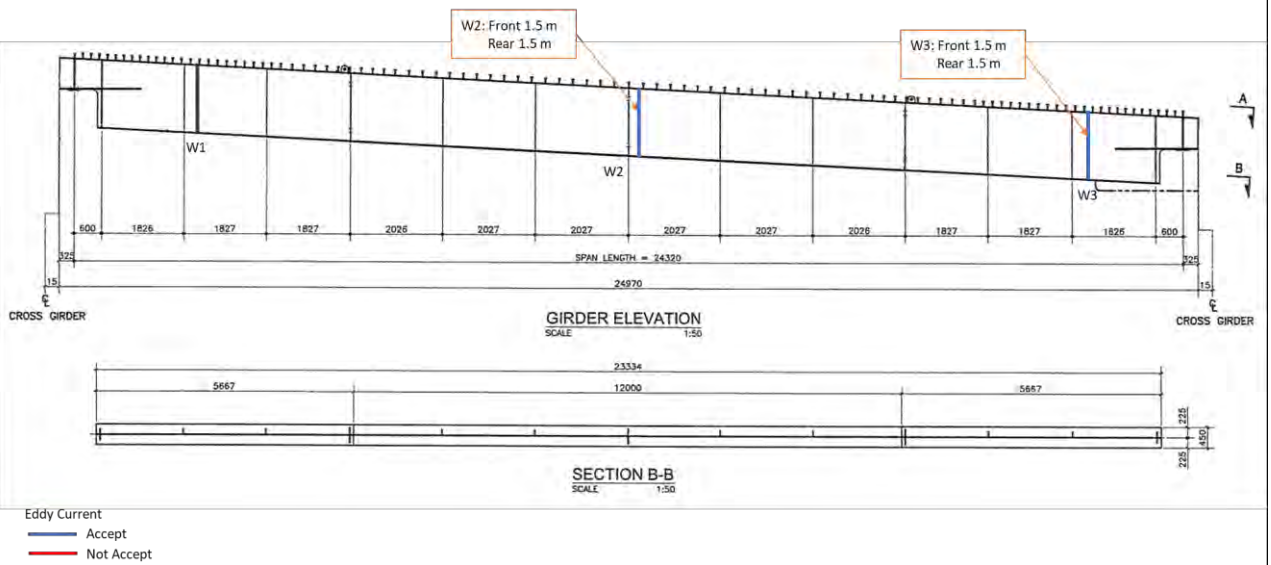
Flyover 1 Span 11 Girder 2	Eddy Current.	6.00 meters
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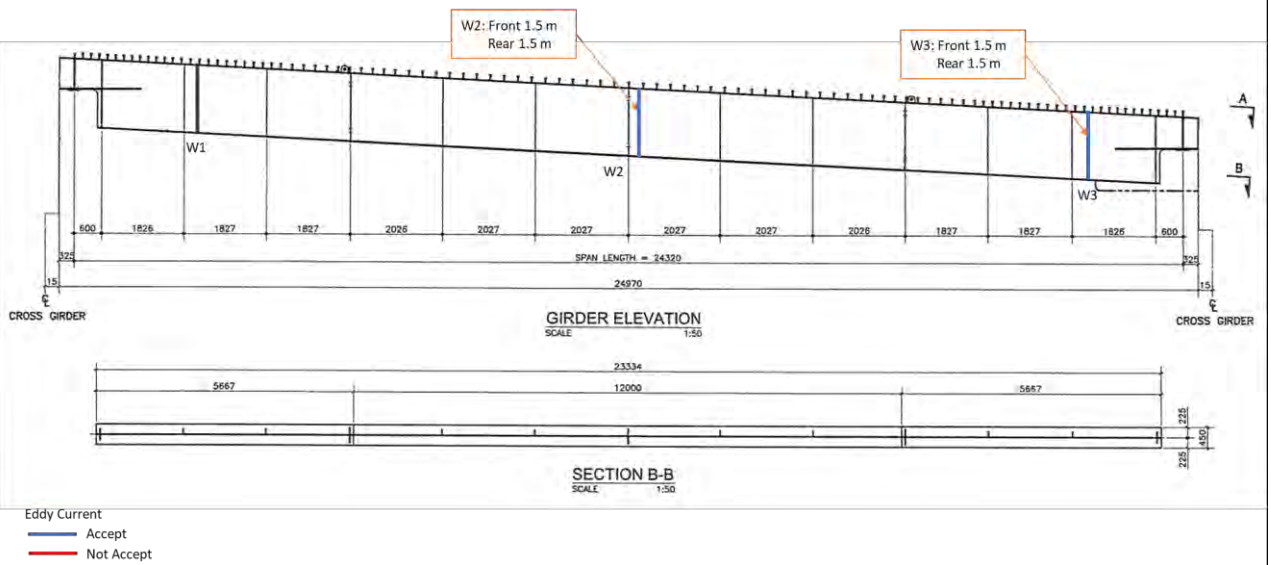
Approved by


Mr. Teerapoj Warachij 

Flyover 1 Span 11 Girder 3	Eddy Current.	6.00 meters
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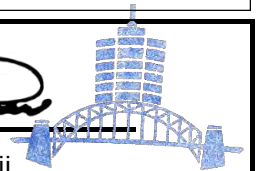


Flyover 1 Span 11 Girder 4	Eddy Current.	6.00 meters
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Approved by

Mr. Teerapoj Warachij



Inspection of Ladprao Bridge Flyover No.1	Extent Span 12 Girder 1 - 4	Location Bangkok of Thailand
Material Cabon Steel	Surface Coating	temp Ambient
Procedure P-INT-49	Acceptance Criteria P-INT-49 Praragraph 5.7	Max paint thickness 472 μm.
Equipment (including S/N) Nortec 500 S/N N500X12769Y023022	probe (including S/N) WLD-855/7L P/N9403362	Abs/Diff/Bridge Bridge
Ref Block (including S/N) S/N 510209	Nr. of shims used (thinkness) 1 = 0.5 mm.	Sensitivity Notch 1 mm. = 80 FSH
Frequency 100-600 KHz.	phase 127°	Gain 82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



Inspection Conclusion

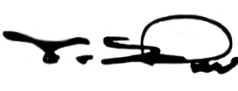
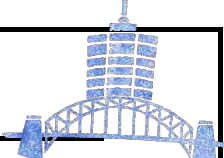
Eddy current surface testing was performed on weldment of Span 12 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij

Inspection of	Extent	Location
Ladprao Bridge Flyover No.1	Span 12 Girder 1 - 4	Bangkok of Thailand
Inspection Comment		



Approved by	 
Mr. Teerapoj Warachij	

Inspection of

Ladprao Bridge Flyover No.1

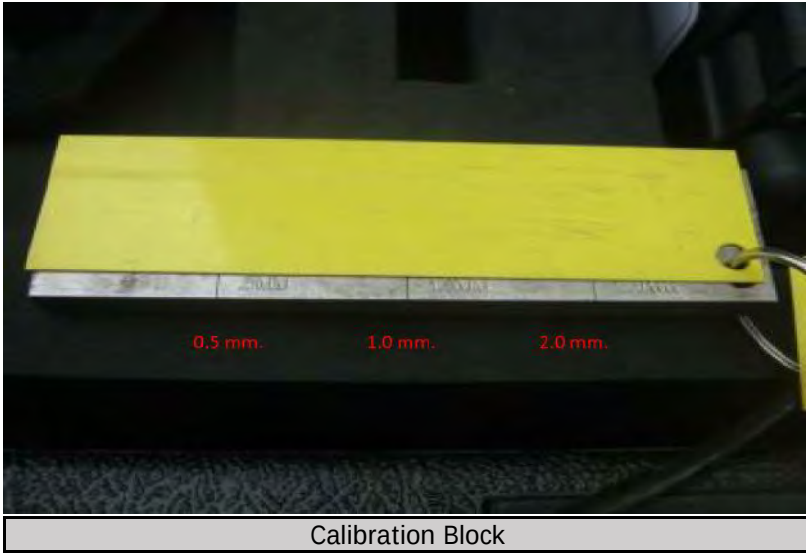
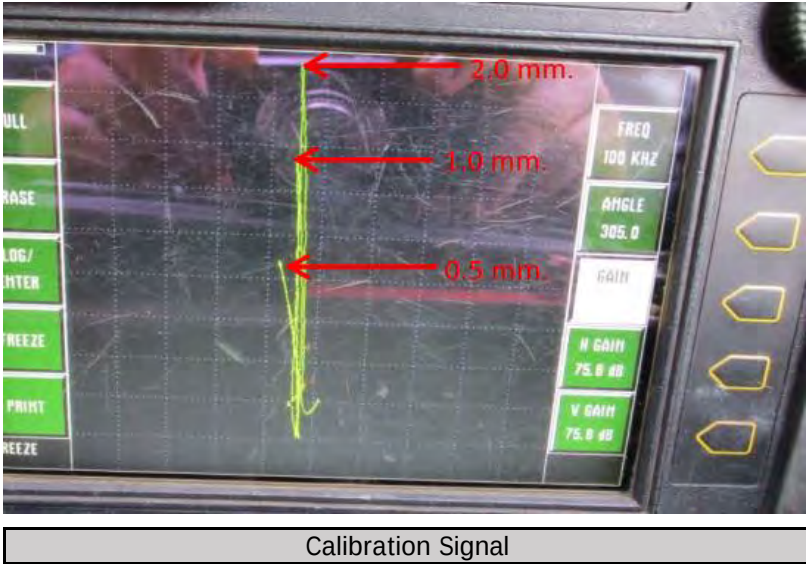
Extent

Span 12 Girder 1 - 4

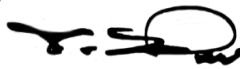
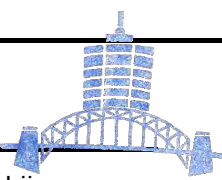
Location

Bangkok of Thailand

Inspection Comment



Approved by



Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

12/12/2019

Inspection of

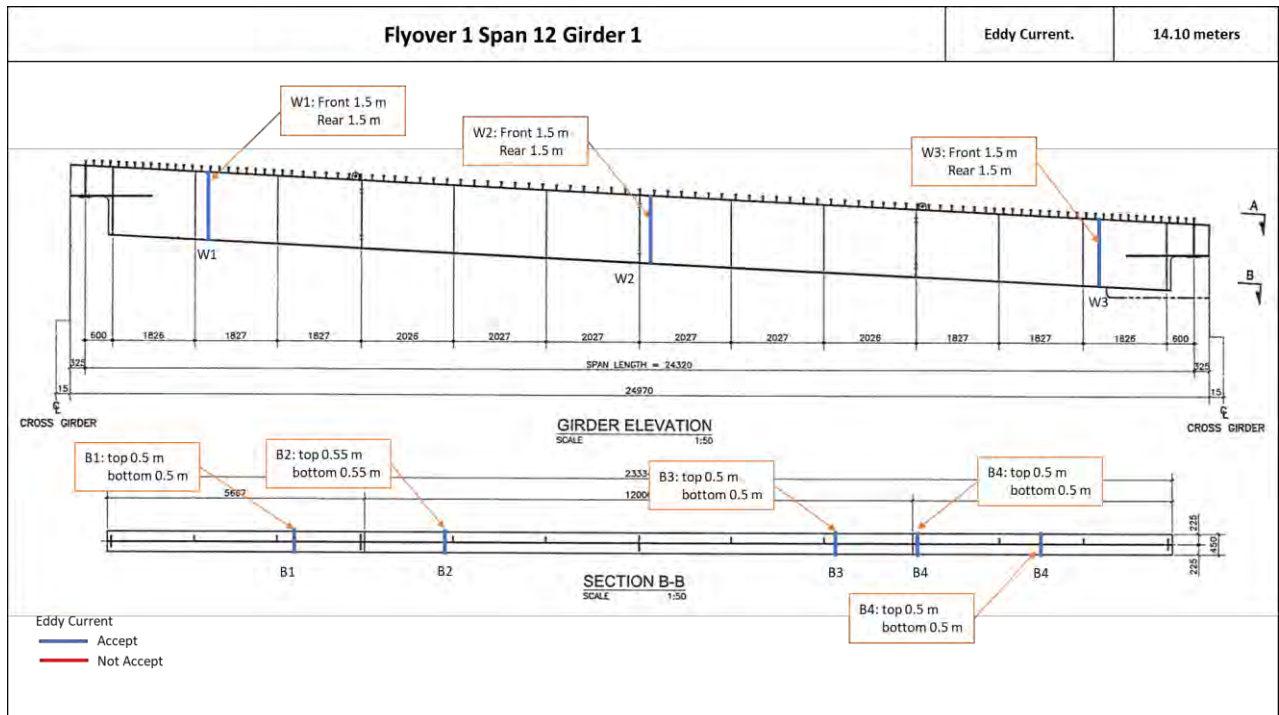
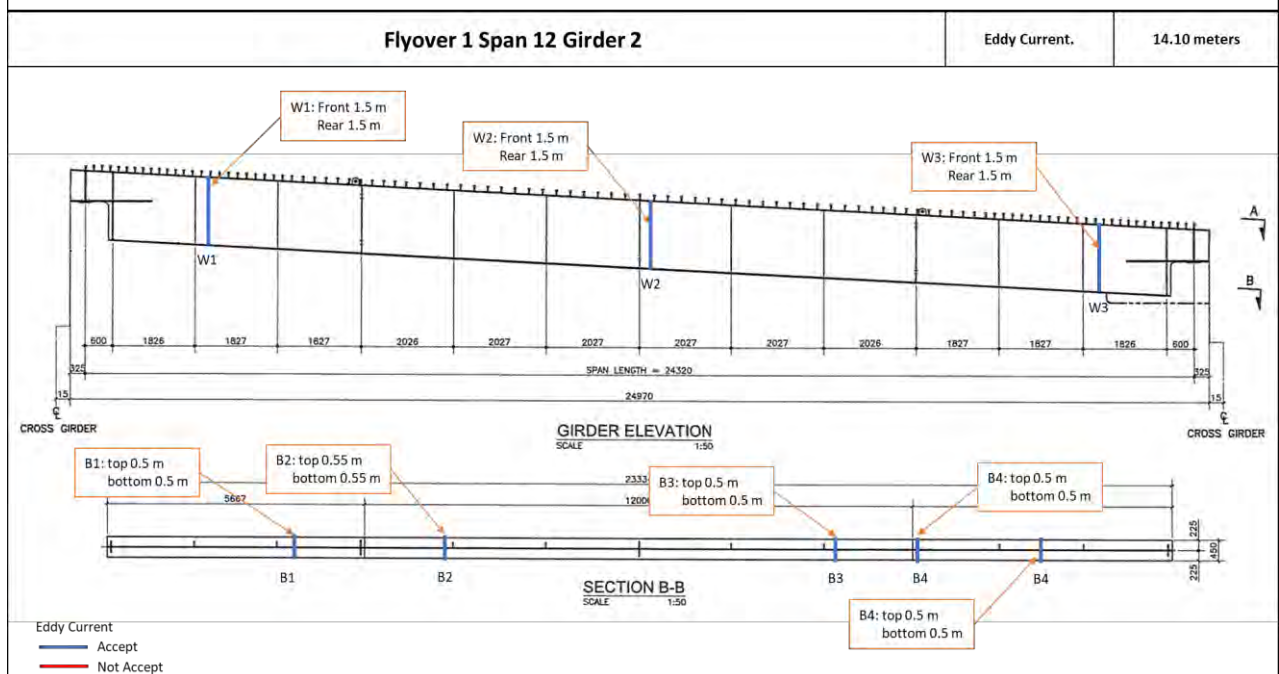
Ladprao Bridge Flyover No.1

Extent

Span 12 Girder 1 - 4

Location

Bangkok of Thailand



EDDY CURRENT INSPECTION REPORT



Date Inspection

12/12/2019

Inspection of

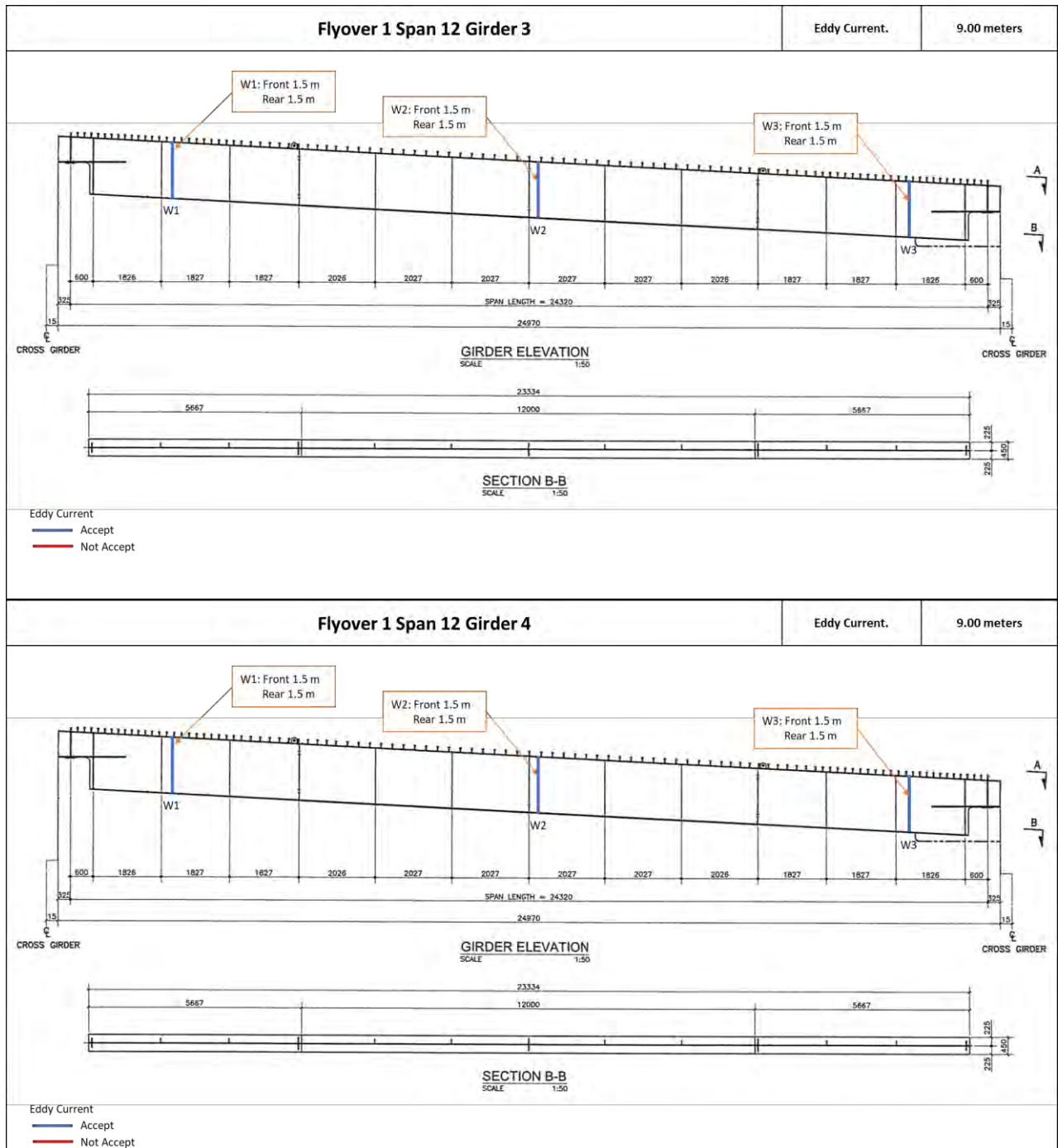
Ladprao Bridge Flyover No.1

Extent

Span 12 Girder 1 - 4

Location

Bangkok of Thailand



EDDY CURRENT INSPECTION REPORT



Date Inspection

12/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 13 Girder 1 - 5

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

472 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



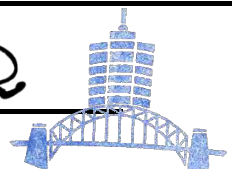
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 13 Girder 1 - 5

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

12/12/2019

Inspection of

Ladprao Bridge Flyover No.1

Extent

Span 13 Girder 1 - 5

Location

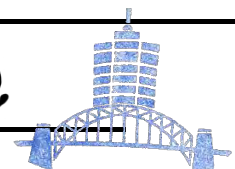
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

12/12/2019

Inspection of

Ladprao Bridge Flyover No.1

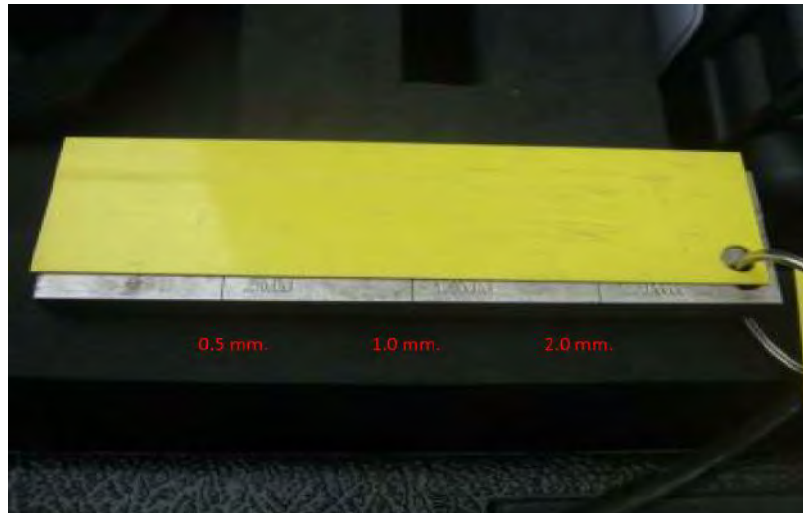
Extent

Span 13 Girder 1 - 5

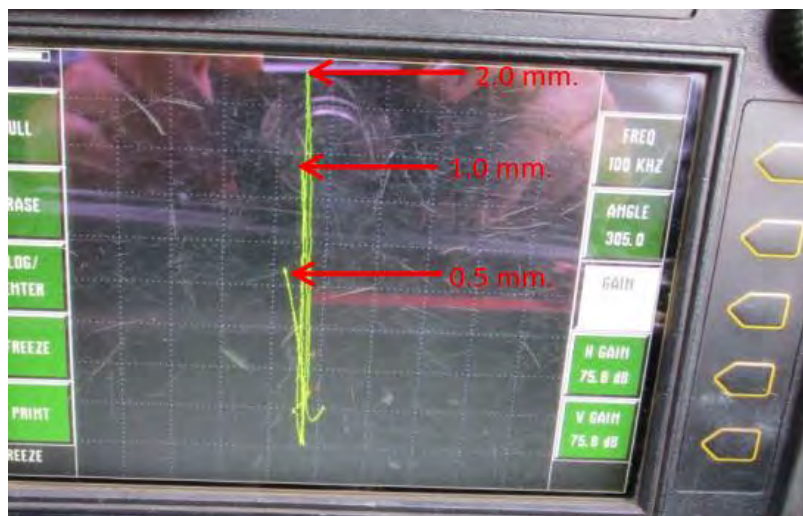
Location

Bangkok of Thailand

Inspection Comment



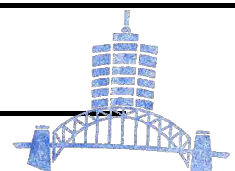
Calibration Block



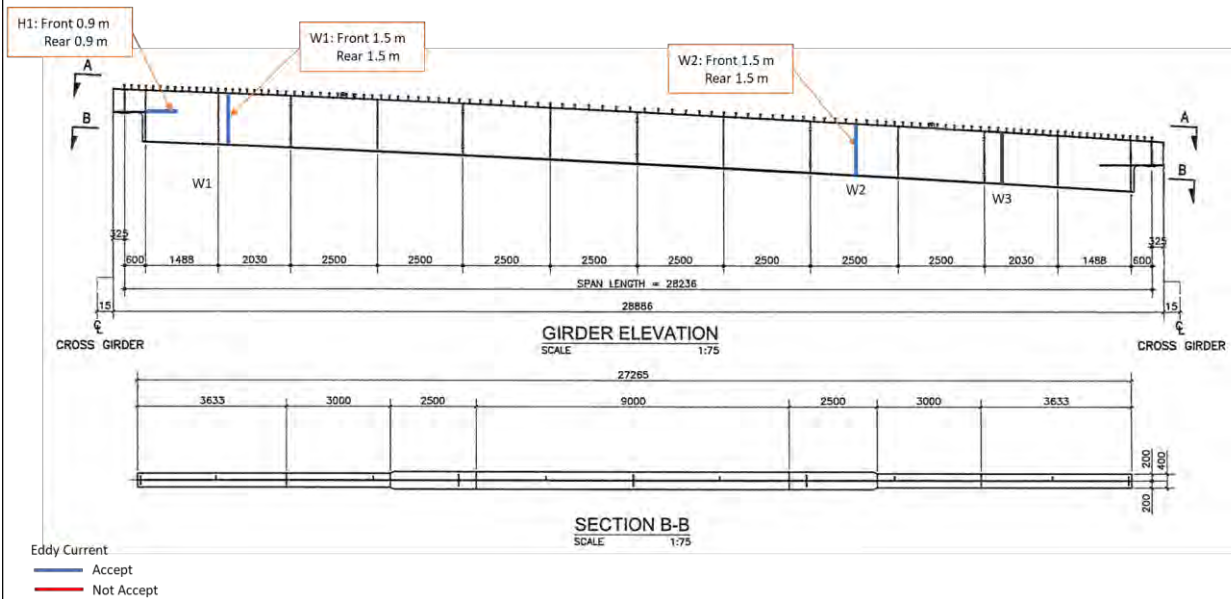
Calibration Signal

Approved by

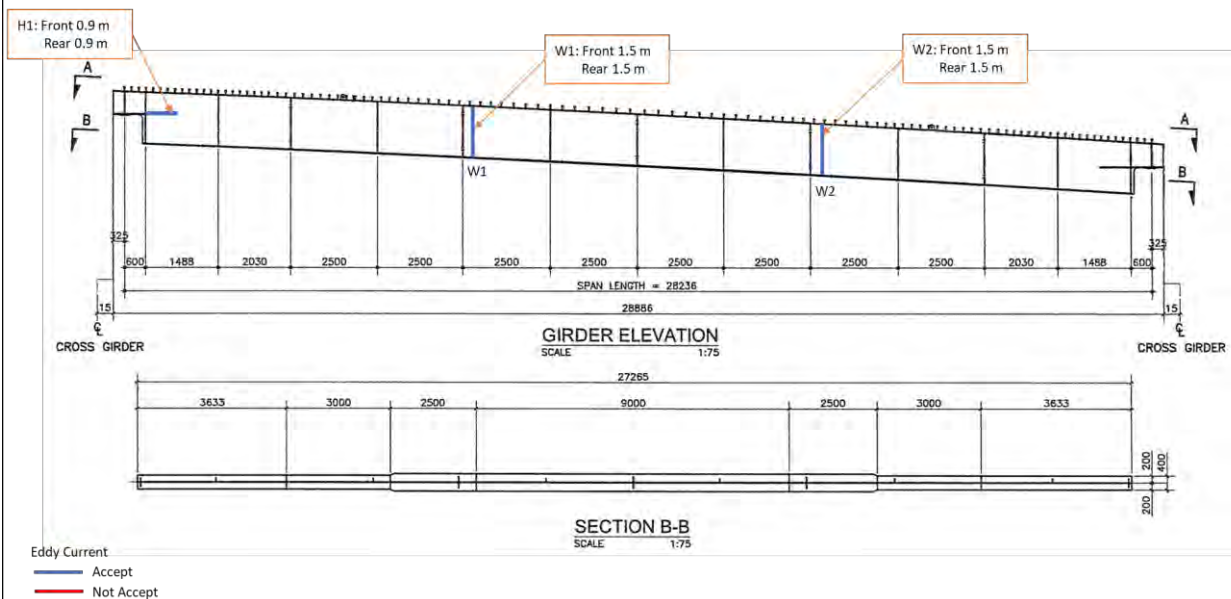
Mr. Teerapoj Warachij



Flyover 1 Span 13 Girder 1	Eddy Current.	7.80 meters
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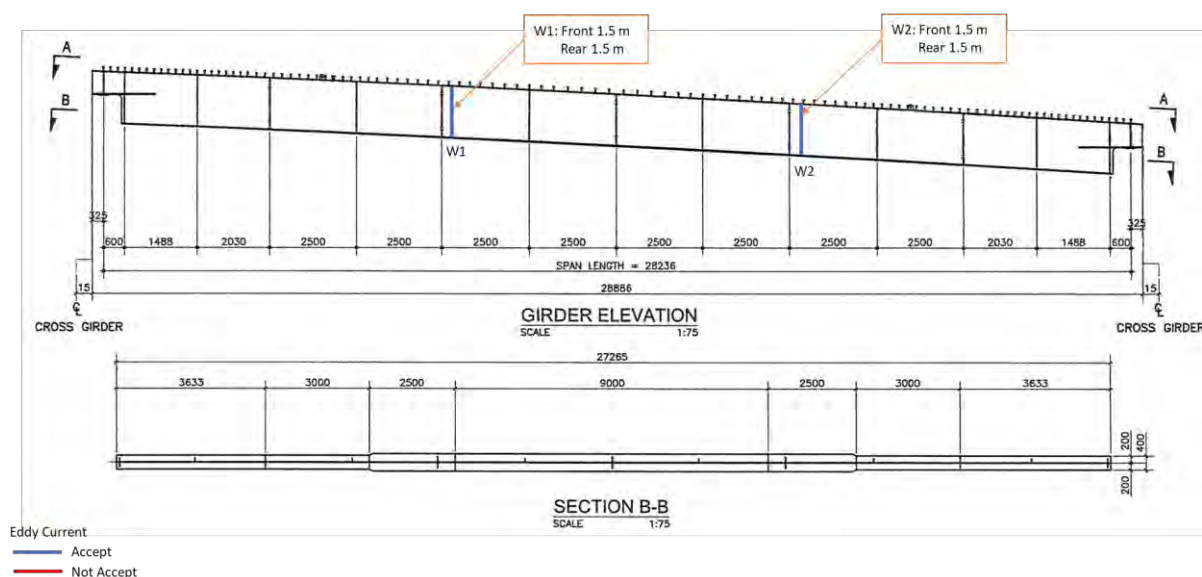
Flyover 1 Span 13 Girder 2	Eddy Current.	7.80 meters
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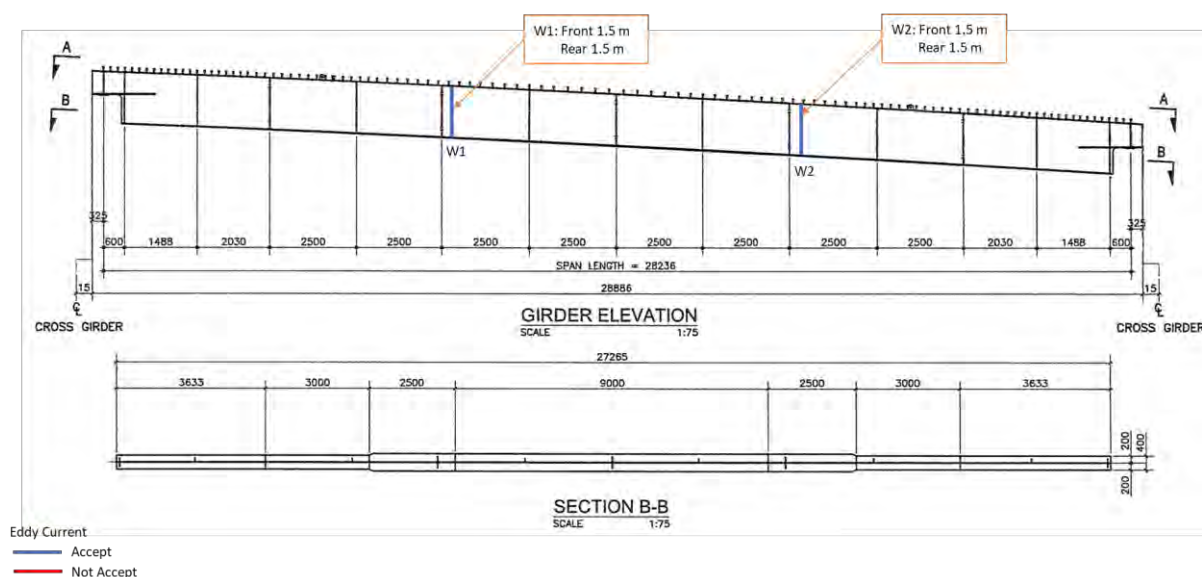
Approved by

Mr. Teerapoj Warachij

Flyover 1 Span 13 Girder 3	Eddy Current.	6.00 meters
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Flyover 1 Span 13 Girder 4	Eddy Current.	6.00 meters
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Approved by

Mr. Teerapoj Warachij

รายงานผลการตรวจสอบรอยเชื่อมด้วยวิธี Eddy Current Examination
Flyover No.2

EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 1 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



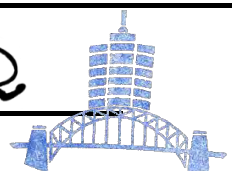
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 1 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

Ladprao Bridge Flyover No.2

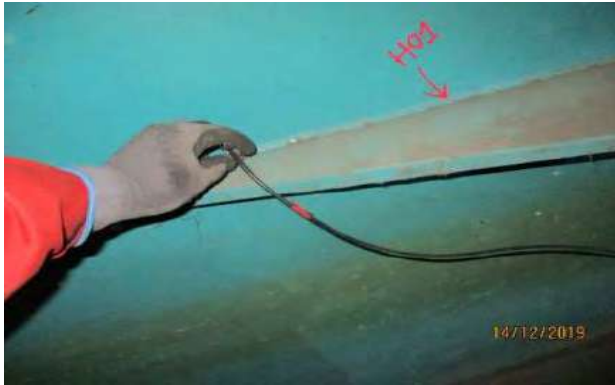
Extent

Span 1 Girder 1 - 4

Location

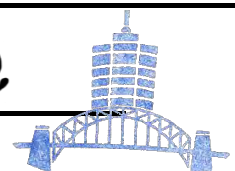
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

Ladprao Bridge Flyover No.2

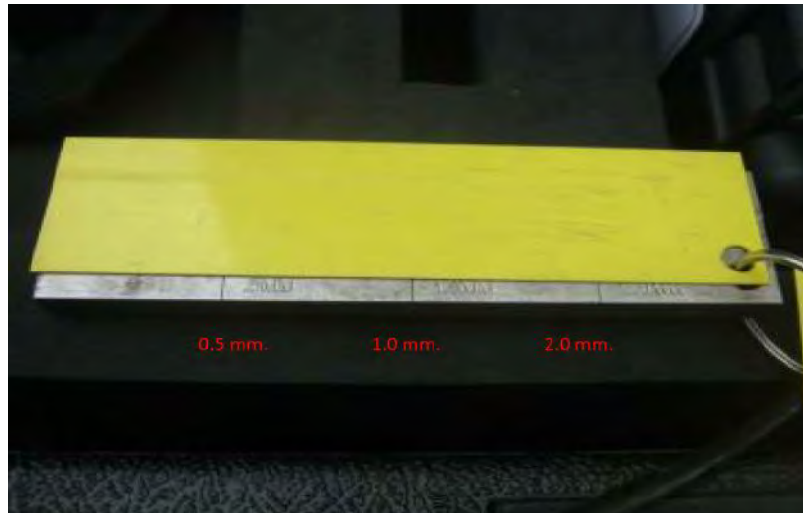
Extent

Span 1 Girder 1 - 4

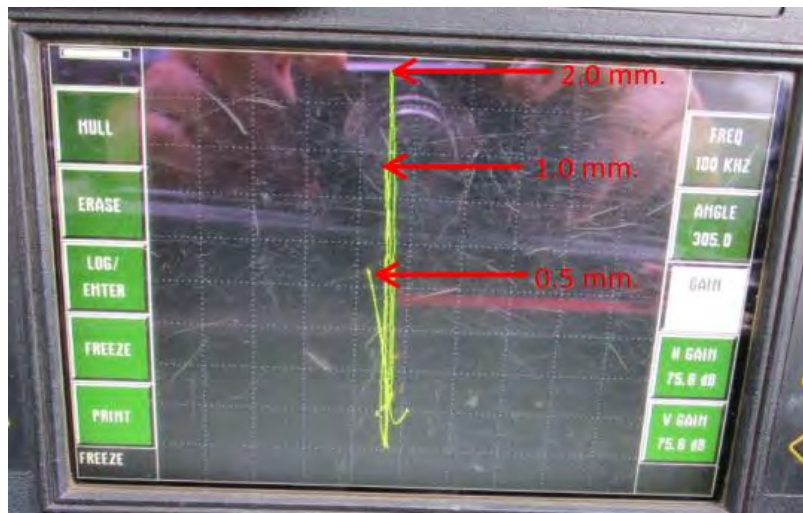
Location

Bangkok of Thailand

Inspection Comment



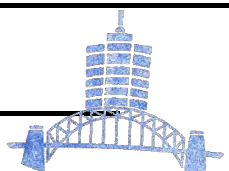
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

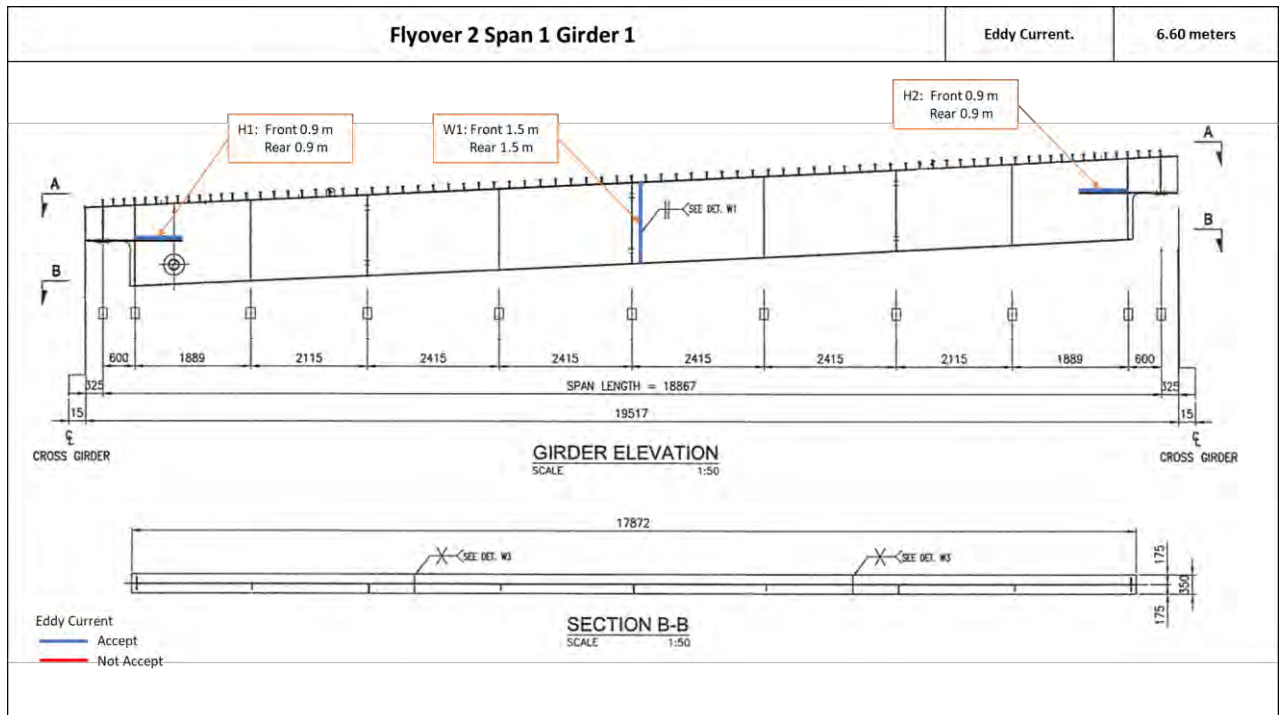
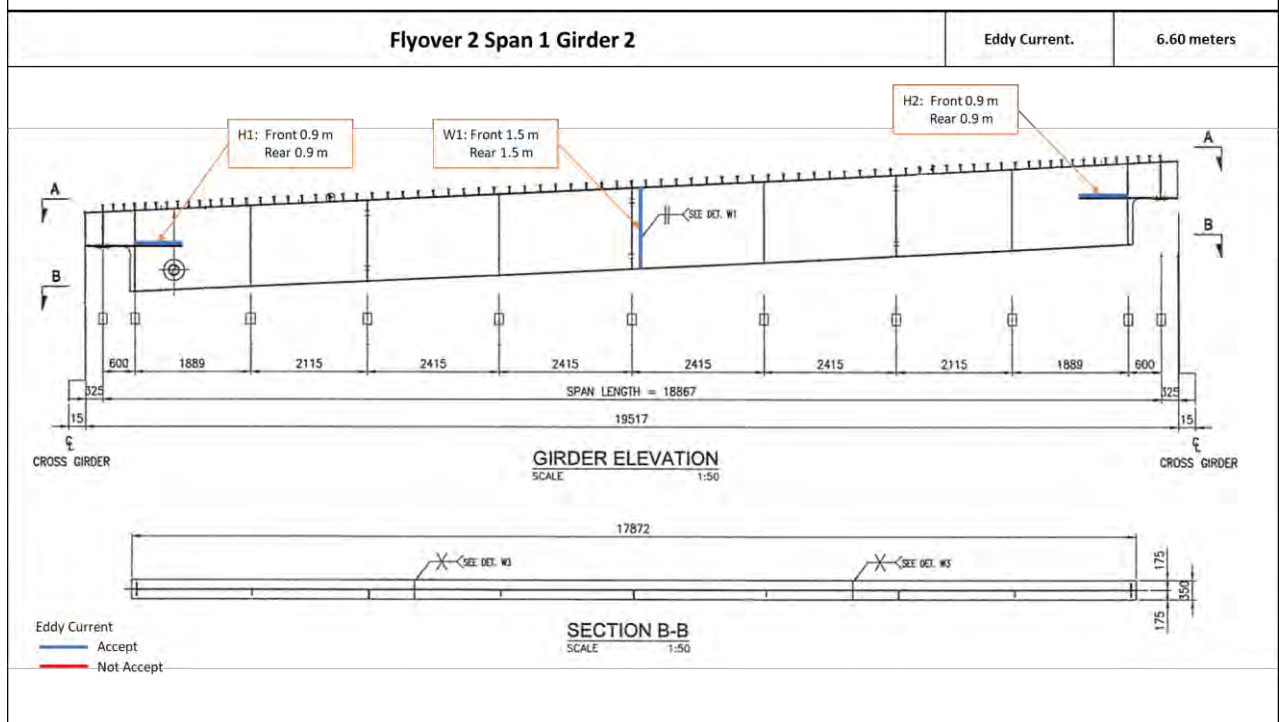
Ladprao Bridge Flyover No.2

Extent

Span 1 Girder 1 - 4

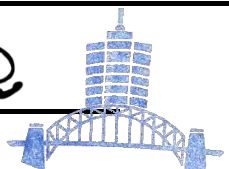
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14/12/2019

Inspection of

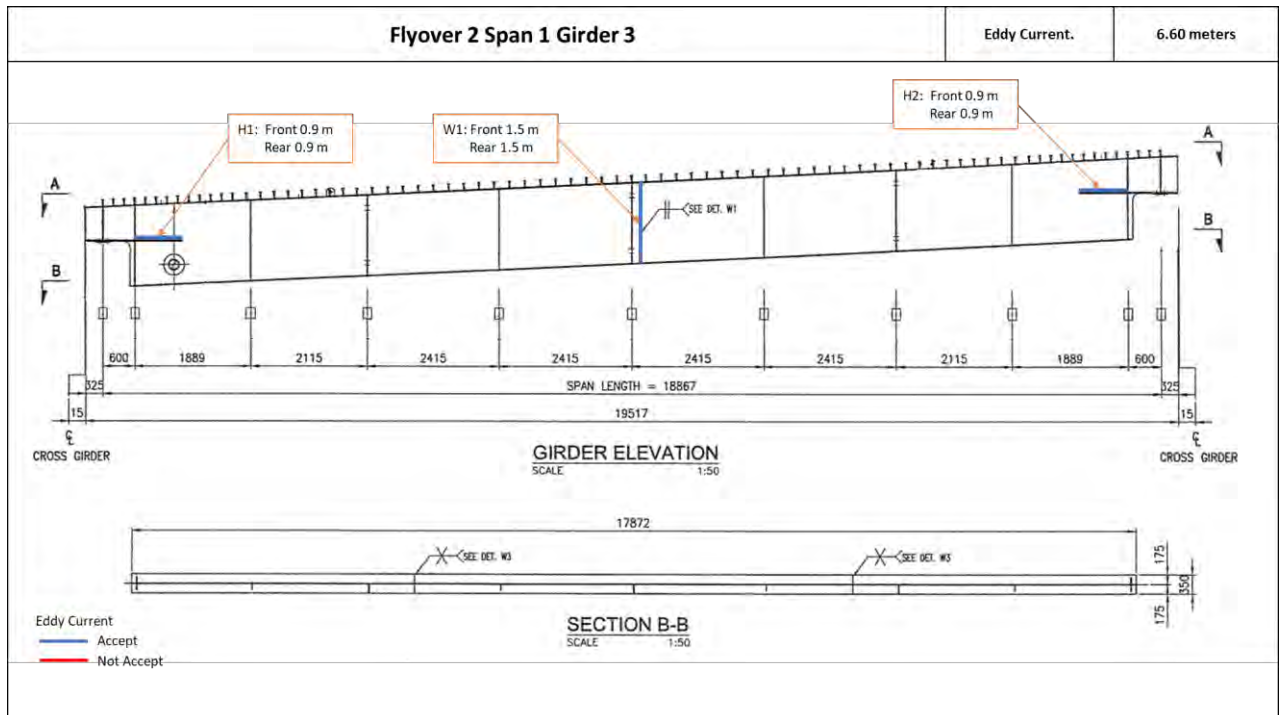
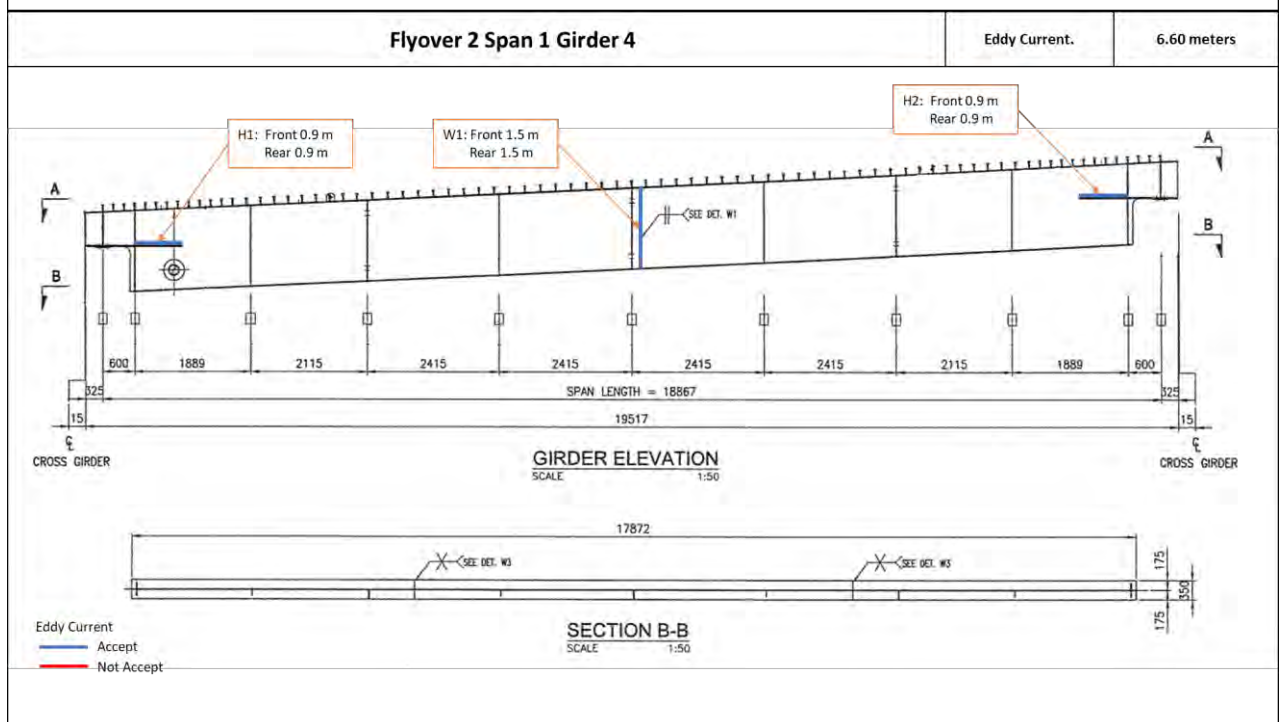
Ladprao Bridge Flyover No.2

Extent

Span 1 Girder 1 - 4

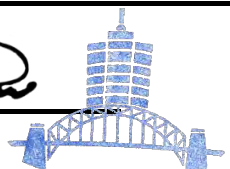
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

15/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 2 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

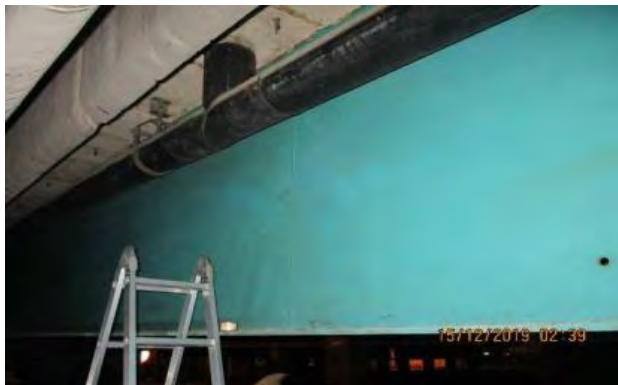
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



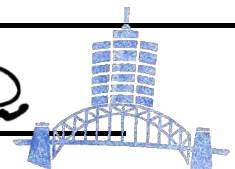
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 2 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

15/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 2 Girder 1 - 4

Location

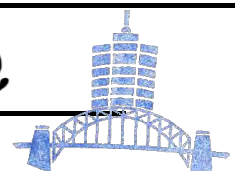
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

15/12/2019

Inspection of

Ladprao Bridge Flyover No.2

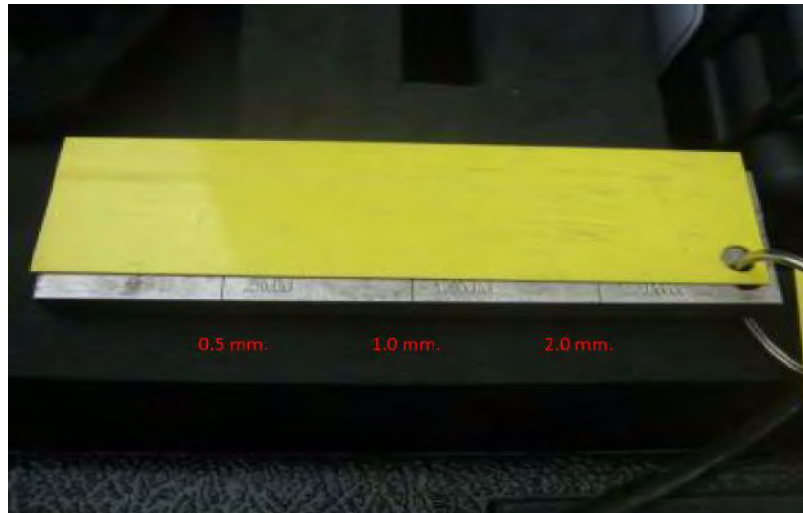
Extent

Span 2 Girder 1 - 4

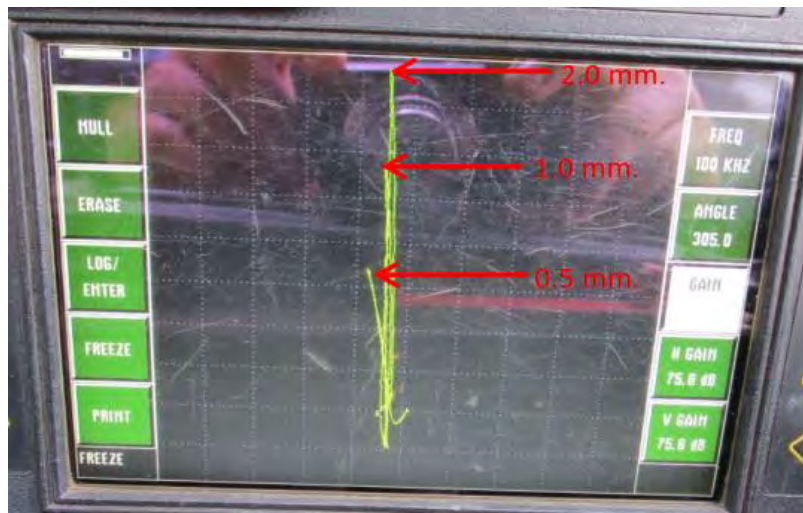
Location

Bangkok of Thailand

Inspection Comment



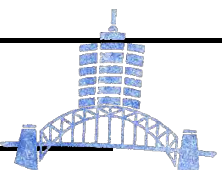
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

15/12/2019

Inspection of

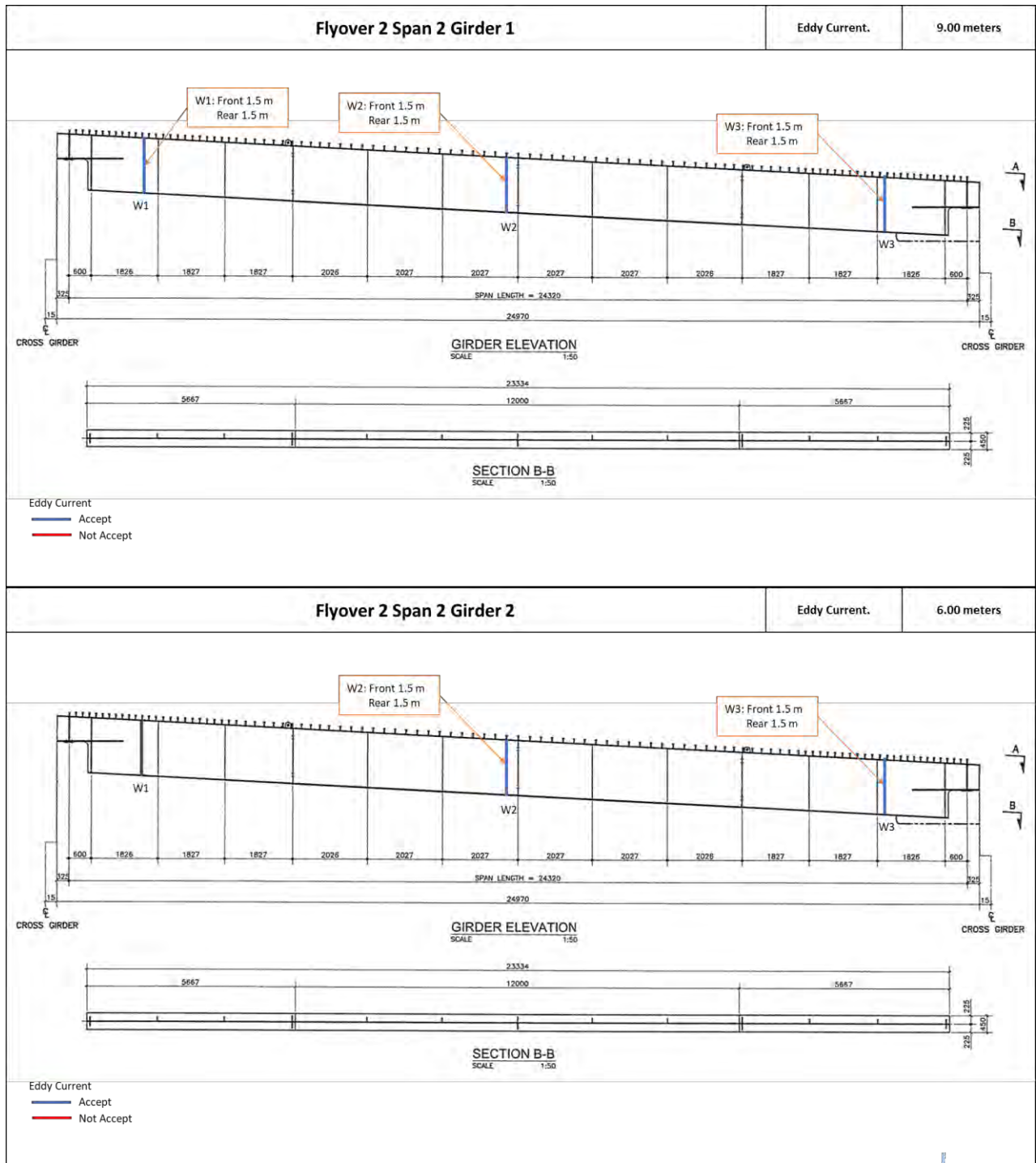
Ladprao Bridge Flyover No.2

Extent

Span 2 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

15/12/2019

Inspection of

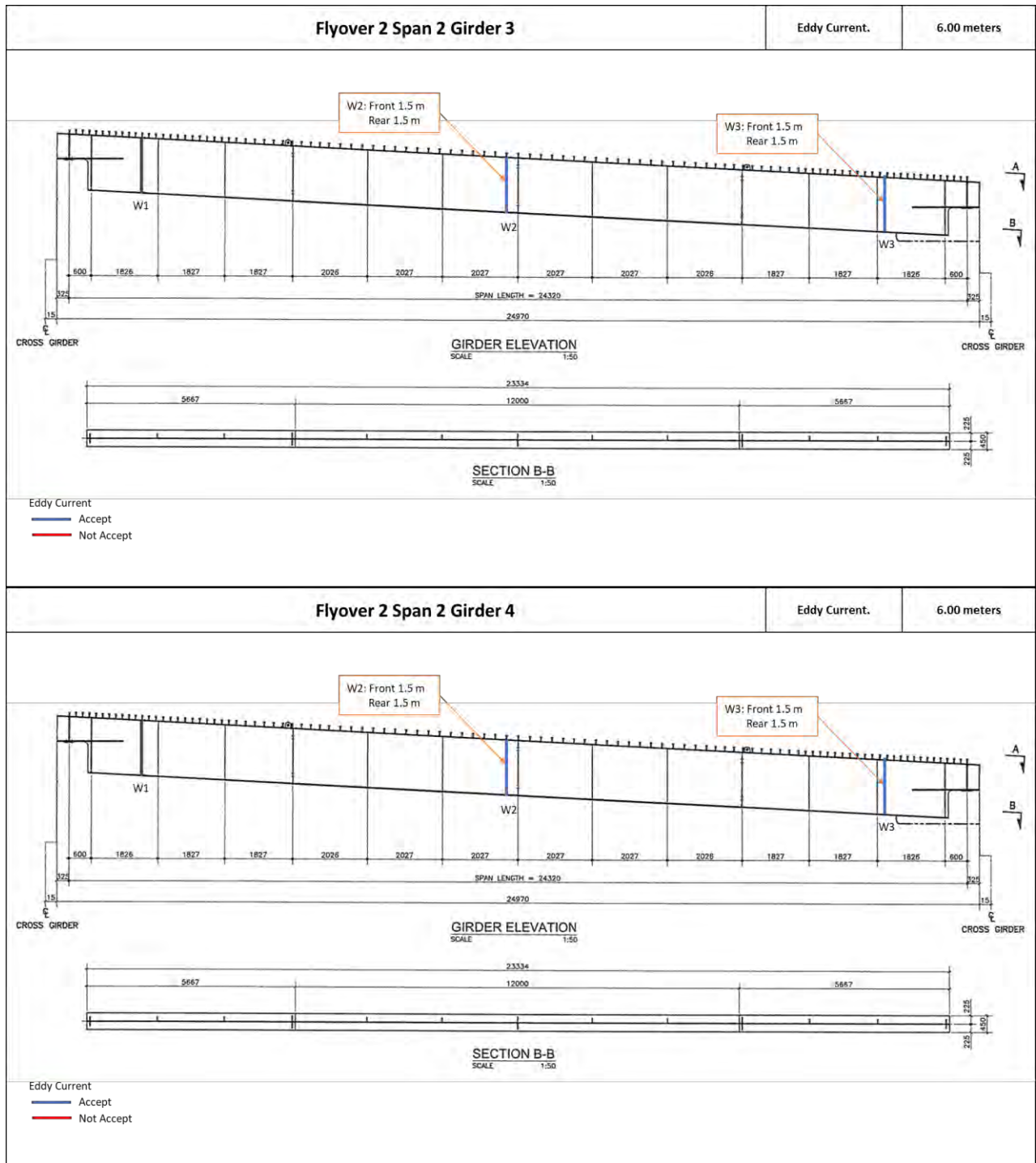
Ladprao Bridge Flyover No.2

Extent

Span 2 Girder 1 - 4

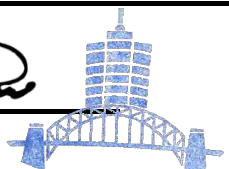
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

16-17/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 3 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

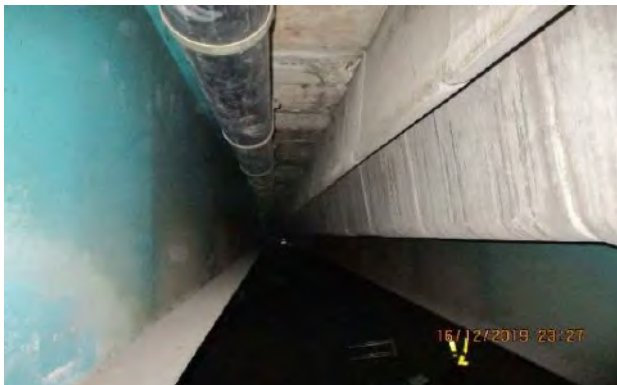
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



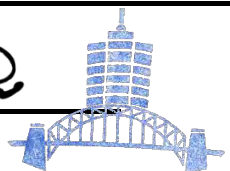
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 3 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

16-17/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 3 Girder 1 - 4

Location

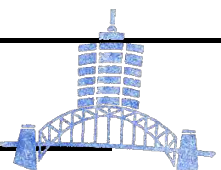
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

16-17/12/2019

Inspection of

Ladprao Bridge Flyover No.2

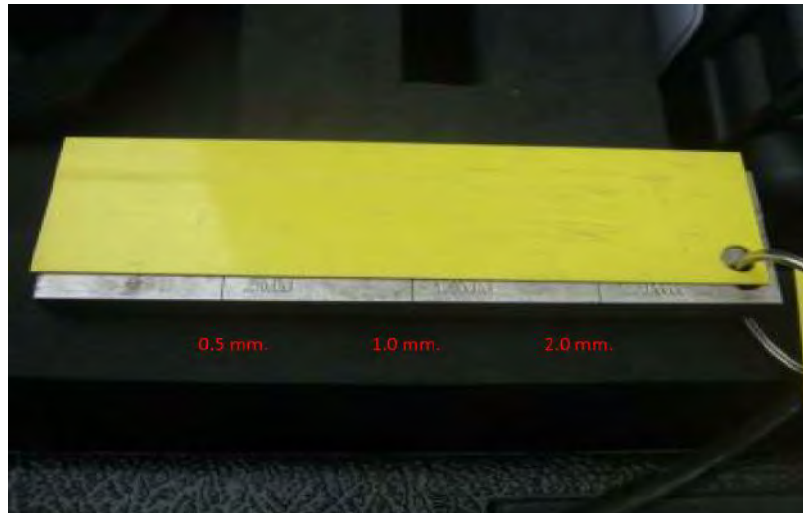
Extent

Span 3 Girder 1 - 4

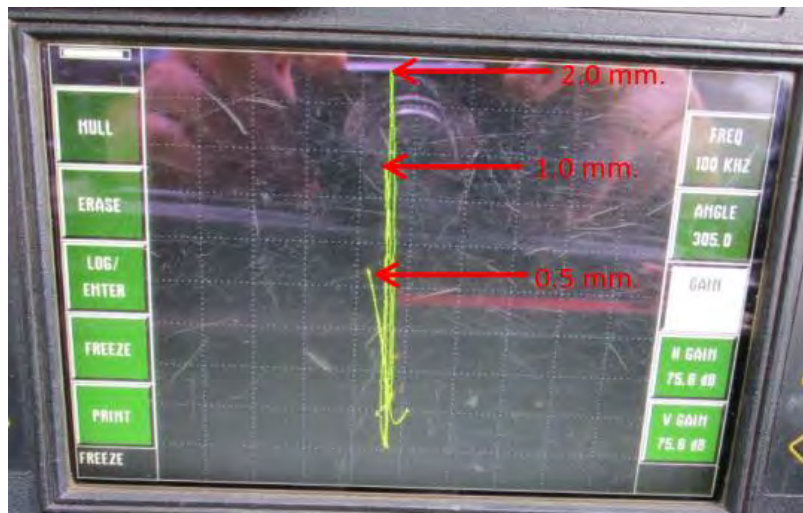
Location

Bangkok of Thailand

Inspection Comment



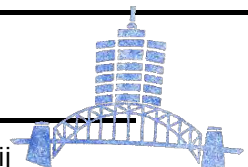
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

16-17/12/2019

Inspection of

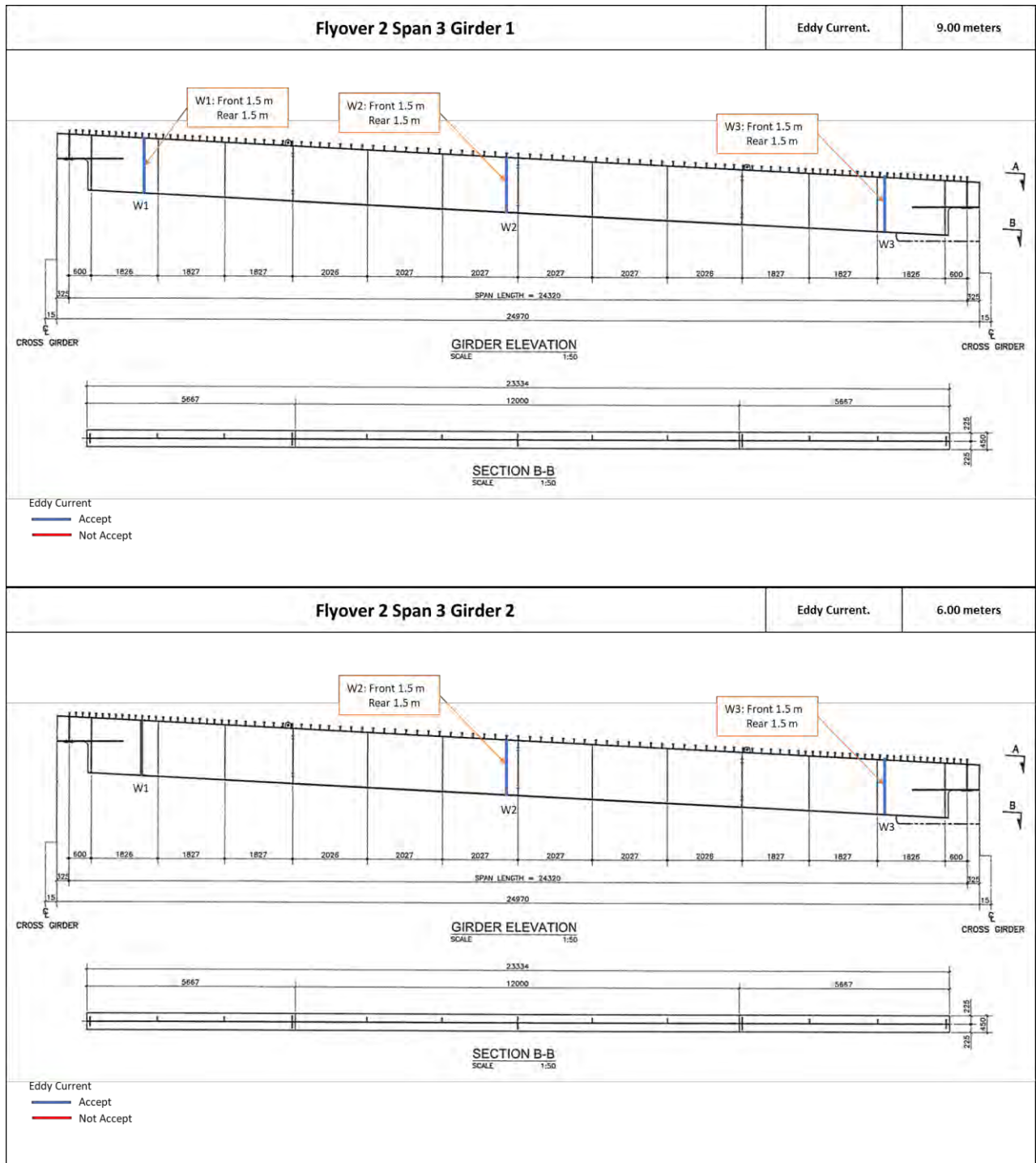
Ladprao Bridge Flyover No.2

Extent

Span 3 Girder 1 - 4

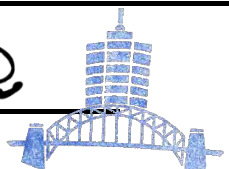
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

16-17/12/2019

Inspection of

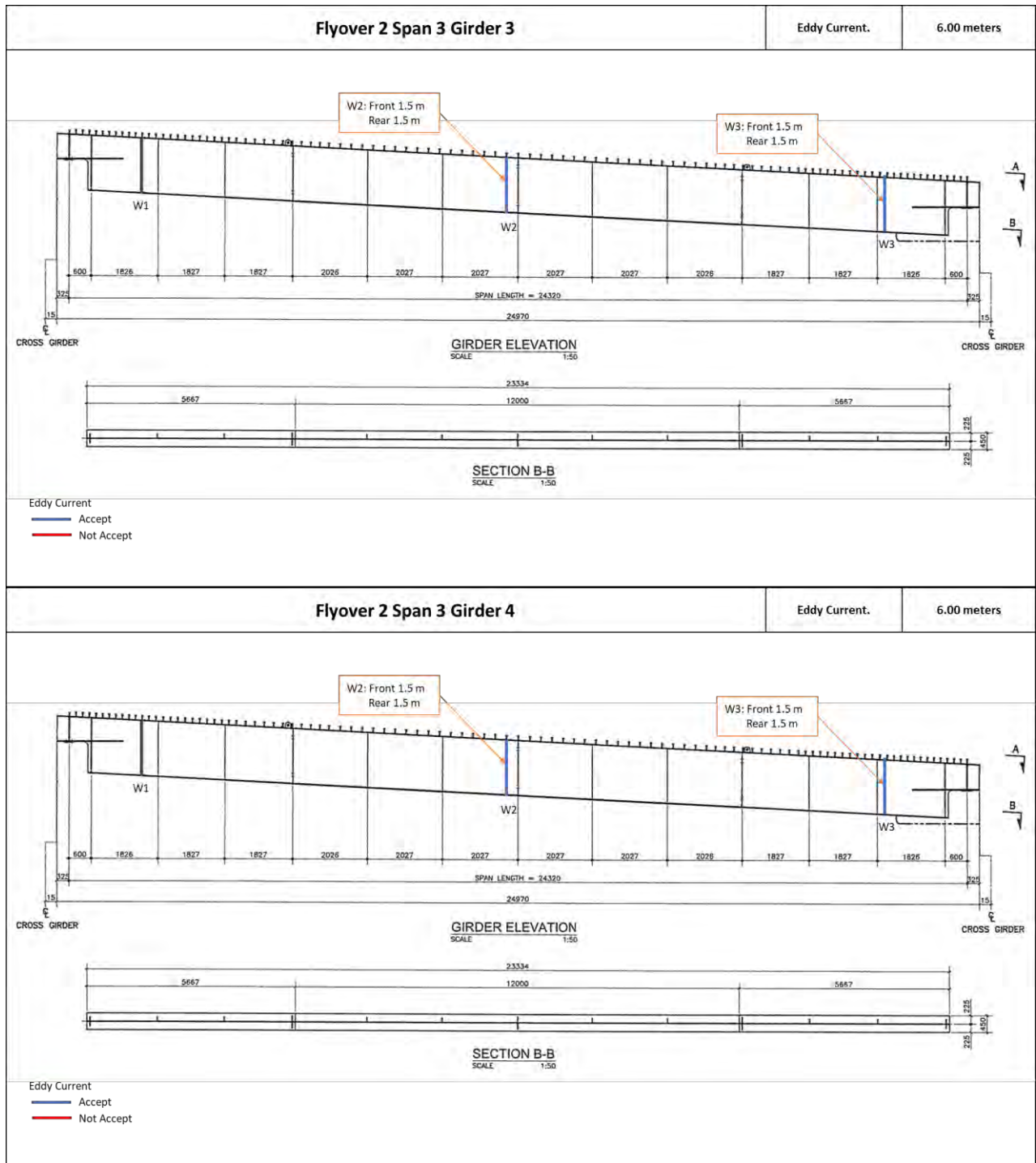
Ladprao Bridge Flyover No.2

Extent

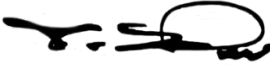
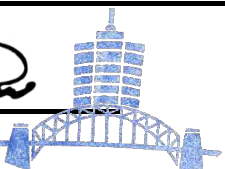
Span 3 Girder 1 - 4

Location

Bangkok of Thailand



Approved by


Mr. Teerapoj Warachij 

Material Cabon Steel	Surface Coating	temp Ambient
Procedure P-INT-49	Acceptance Criteria P-INT-49 Praragraph 5.7	Max paint thickness 680 μm .
Equipment (including S/N) Nortec 500 S/N N500X12769Y023022	probe (including S/N) WLD-855/7L P/N9403362	Abs/Diff/Bridge Bridge
Ref Block (including S/N) S/N 510209	Nr. of shims used (thinkness) 1 = 0.5 mm.	Sensitivity Notch 1 mm. = 80 FSH
Frequency 100-600 KHz.	phase 127°	Gain 82.5 dB
Visual Inspection Observation No visible damage was found.		

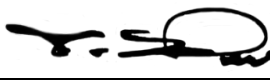
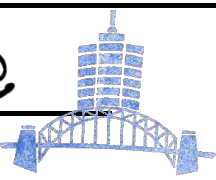
Inspection Comment



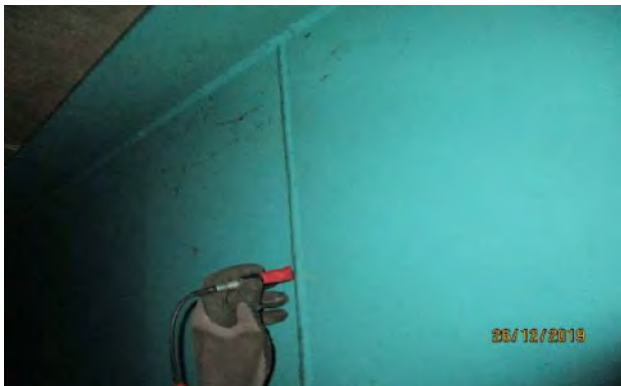
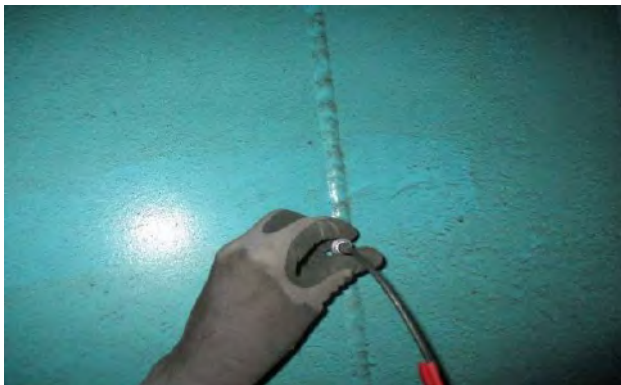
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 4 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

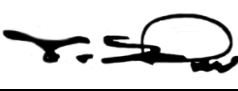
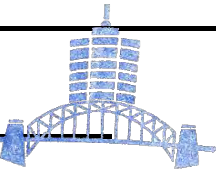
Approved by


Mr. Teerapoj Warachij 

Inspection Comment

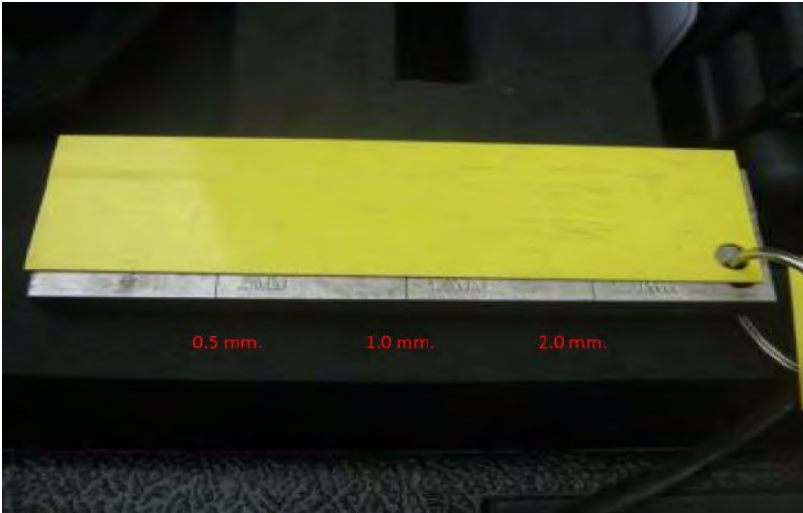


Approved by

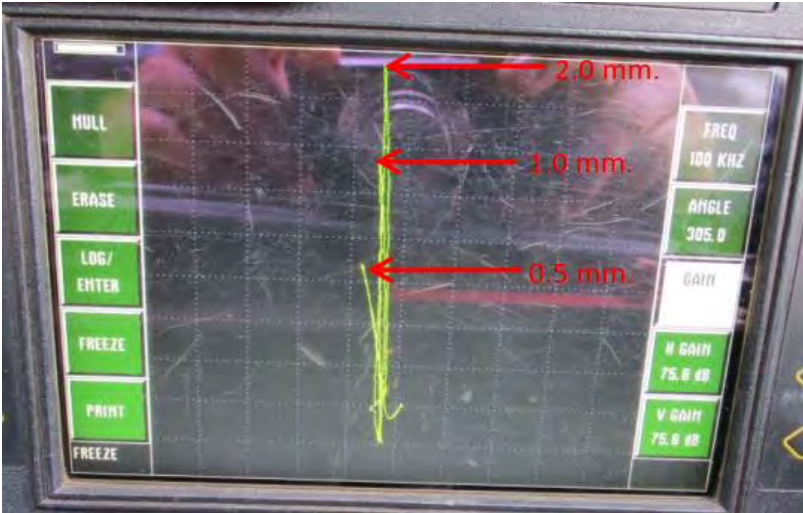



Mr. Teerapoj Warachij

Inspection Comment



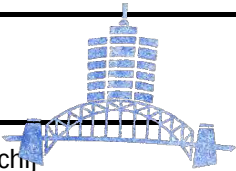
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachy



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

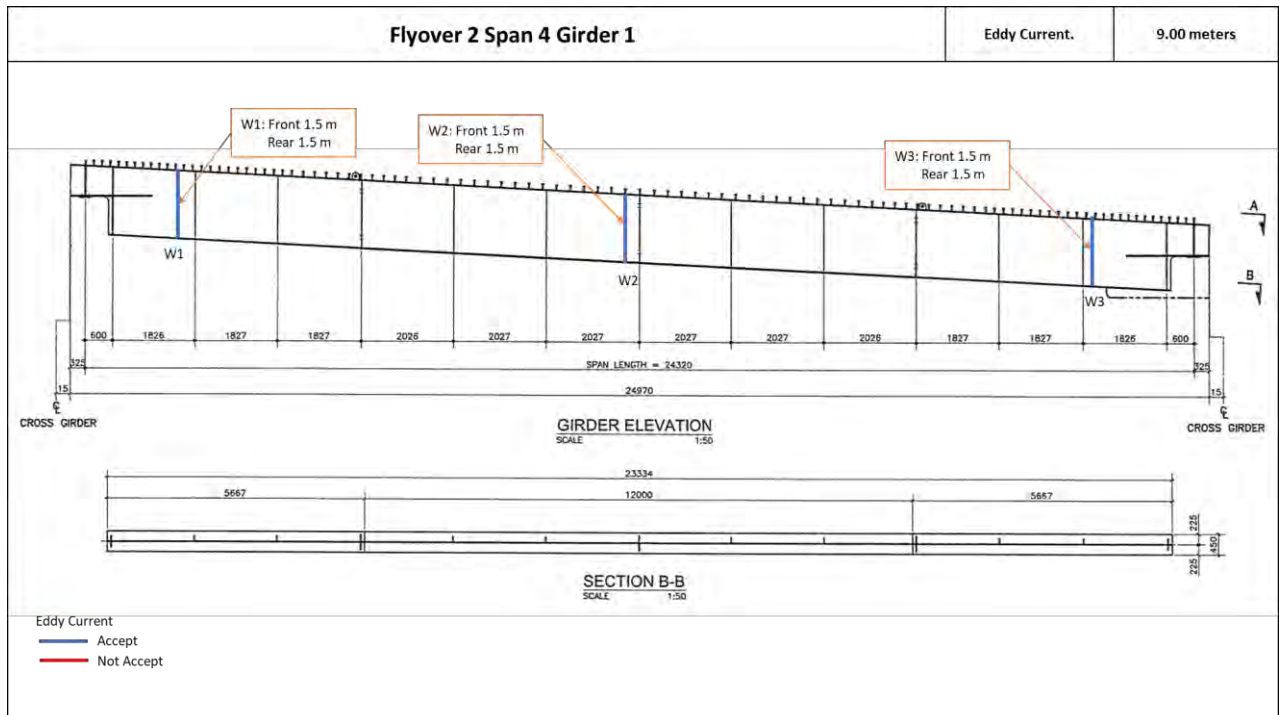
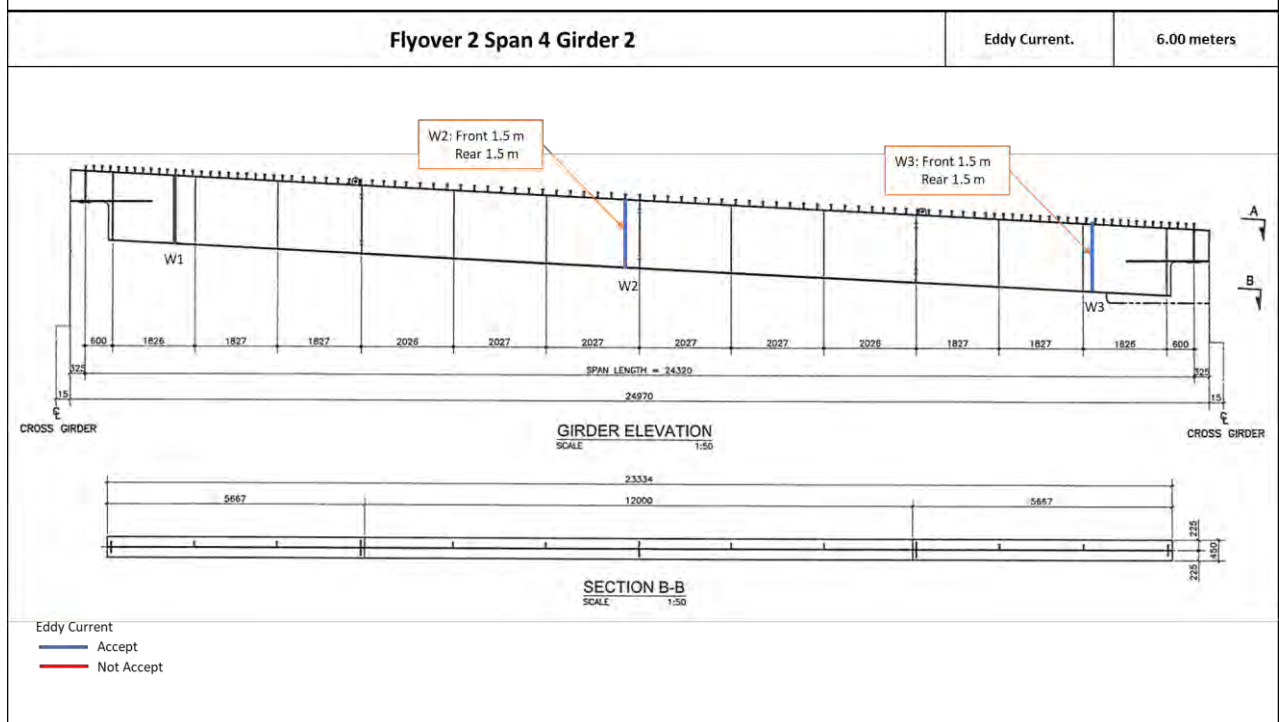
Ladprao Bridge Flyover No.2

Extent

Span 4 Girder 1 - 4

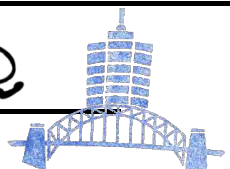
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 4 Girder 1 - 4

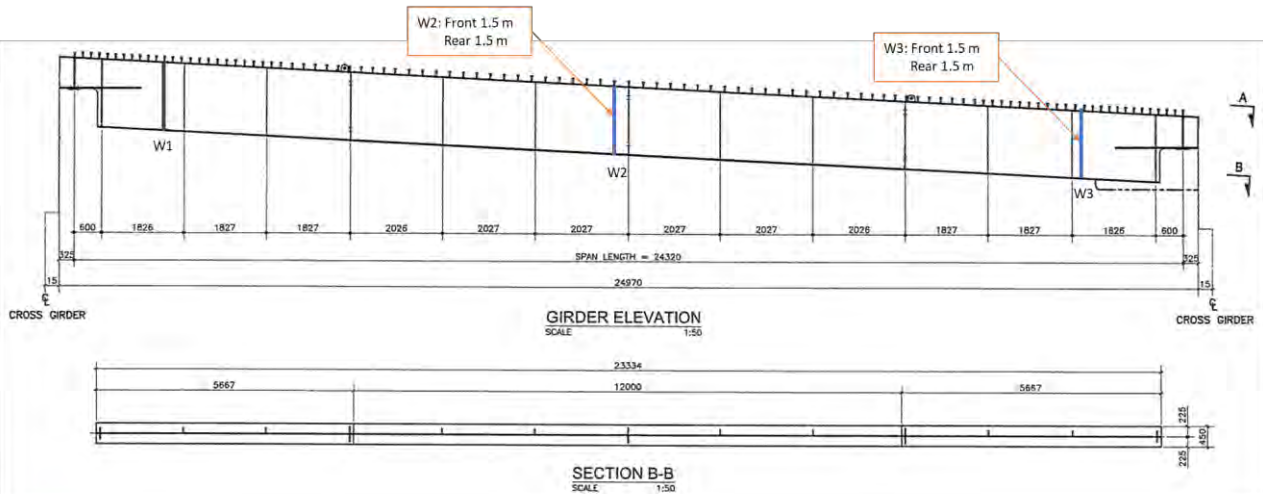
Location

Bangkok of Thailand

Flyover 2 Span 4 Girder 3

Eddy Current.

6.00 meters



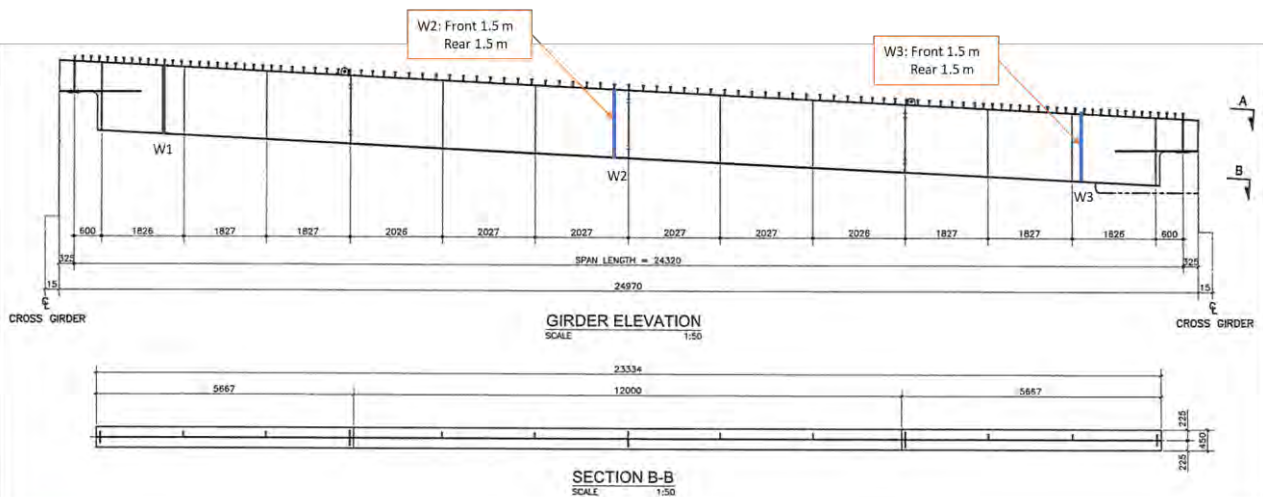
Eddy Current

— Accept
— Not Accept

Flyover 2 Span 4 Girder 4

Eddy Current.

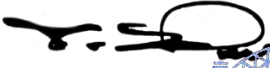
6.00 meters



Eddy Current

— Accept
— Not Accept

Approved by


Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 5 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



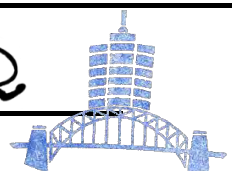
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 5 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.2

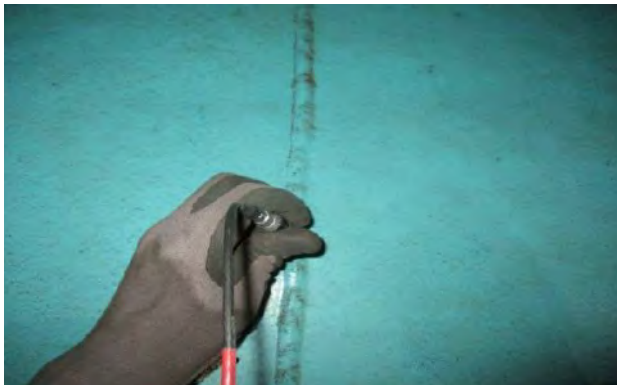
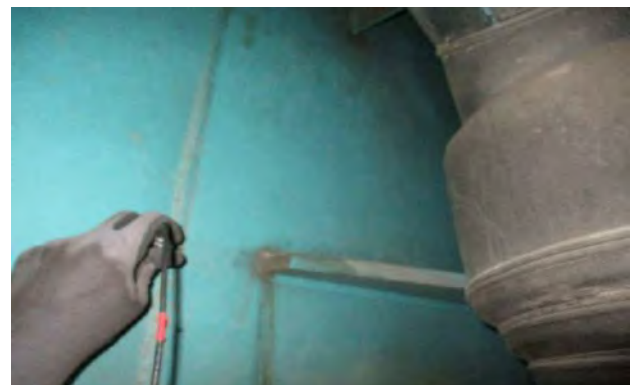
Extent

Span 5 Girder 1 - 4

Location

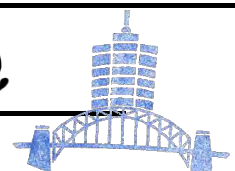
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.2

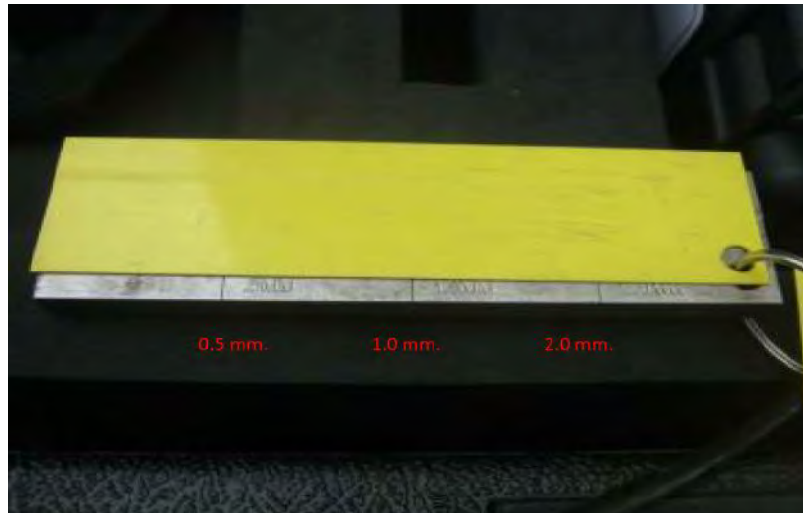
Extent

Span 5 Girder 1 - 4

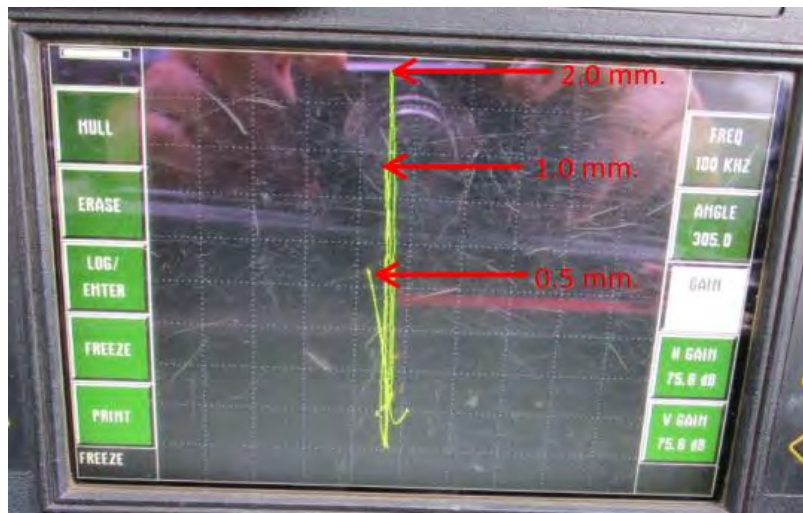
Location

Bangkok of Thailand

Inspection Comment



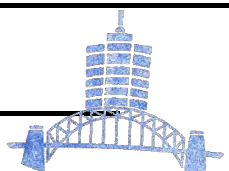
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

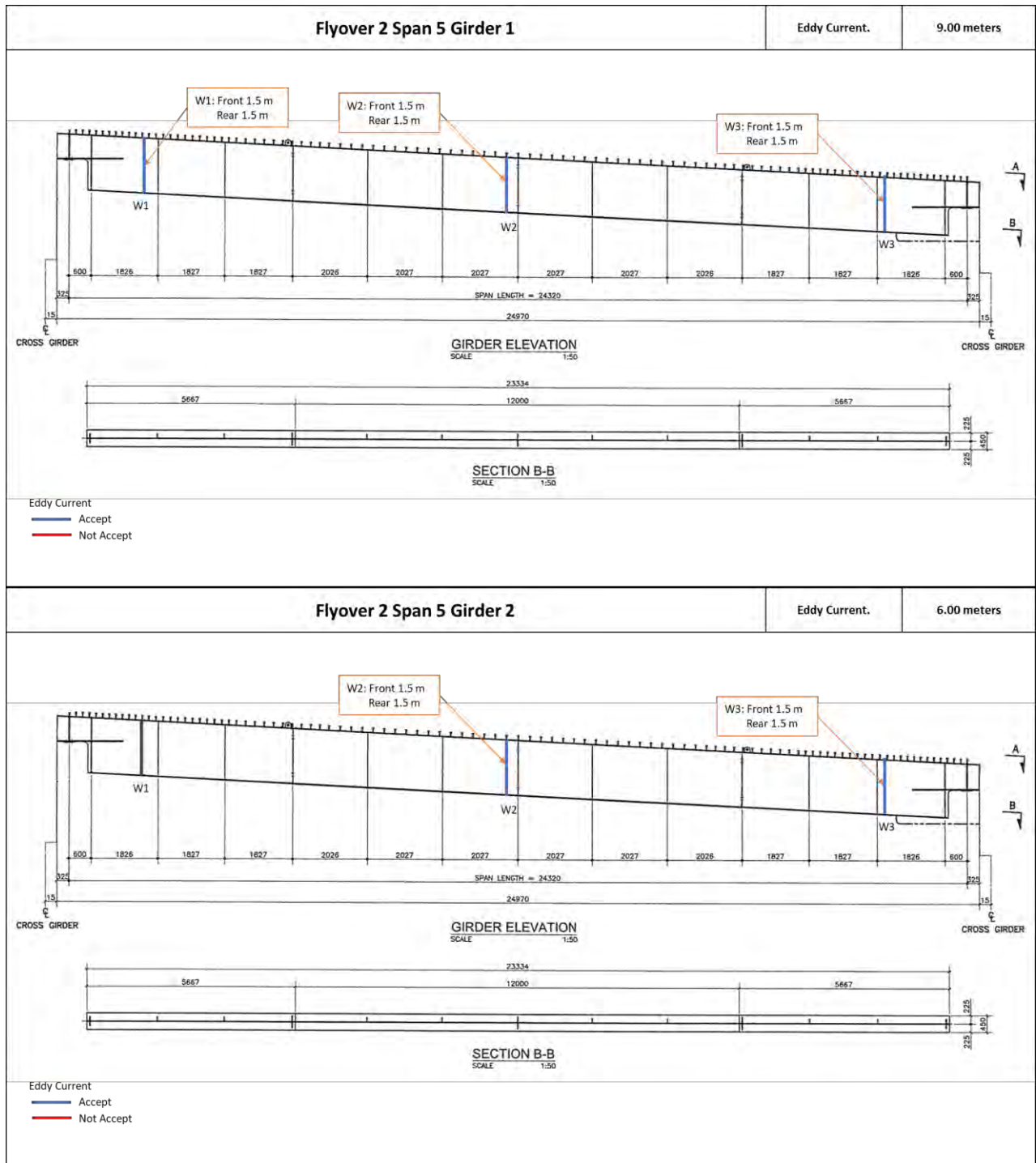
Ladprao Bridge Flyover No.2

Extent

Span 5 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teeranni Warachii



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

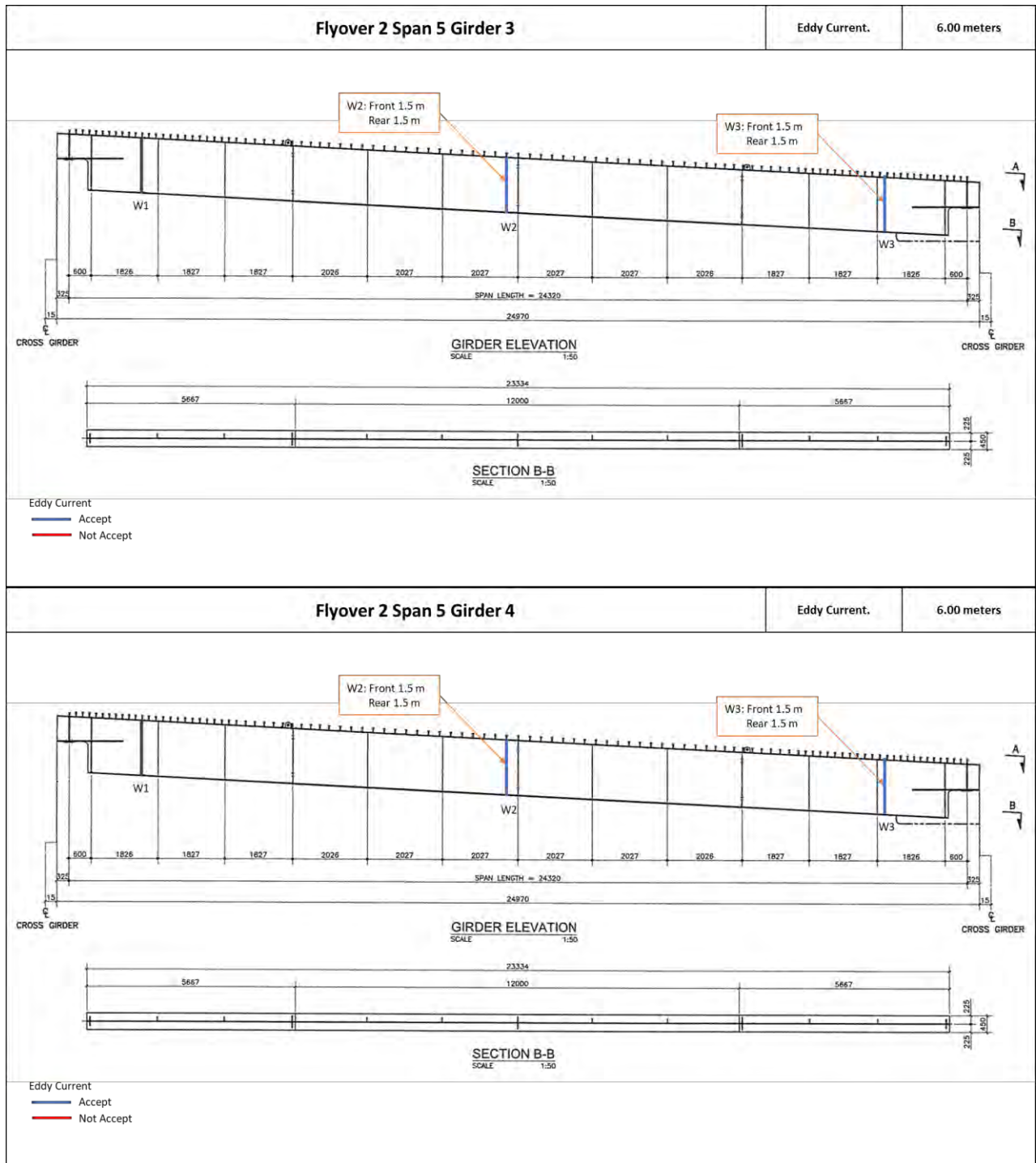
Ladprao Bridge Flyover No.2

Extent

Span 5 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teeranni Warachii



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 6 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



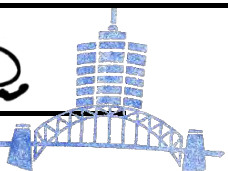
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 6 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 6 Girder 1 - 4

Location

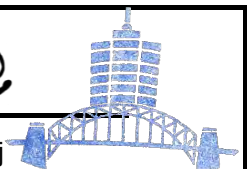
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

Ladprao Bridge Flyover No.2

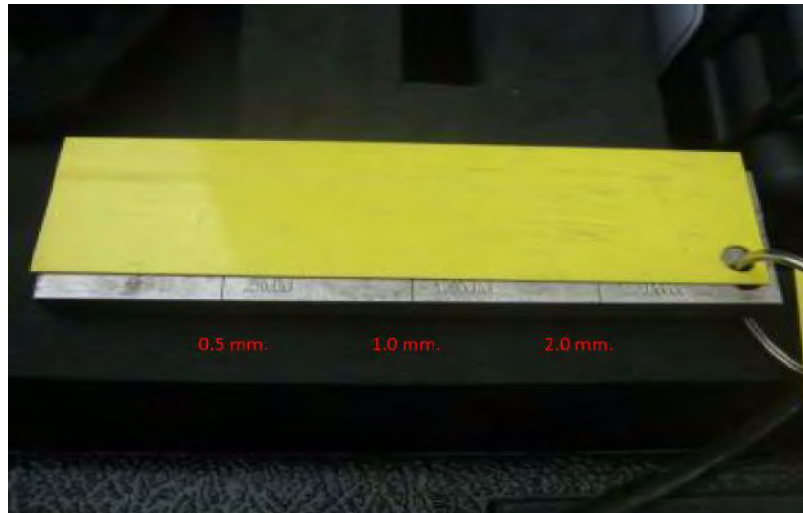
Extent

Span 6 Girder 1 - 4

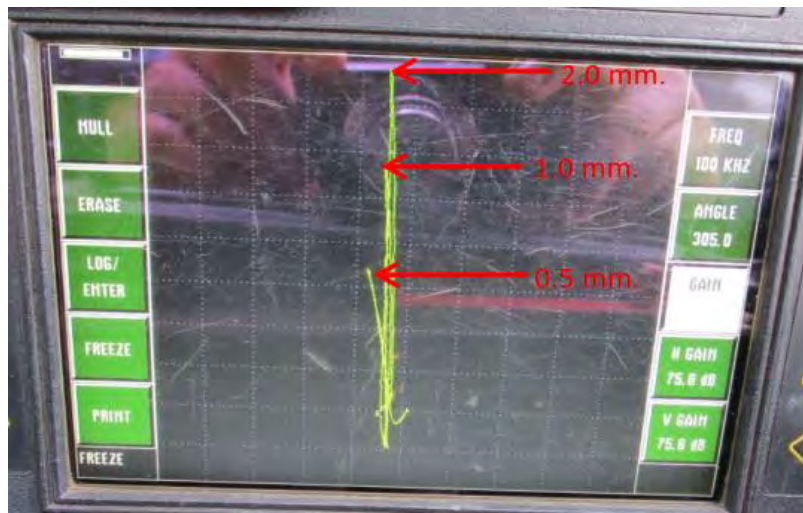
Location

Bangkok of Thailand

Inspection Comment



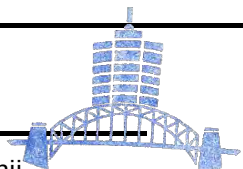
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

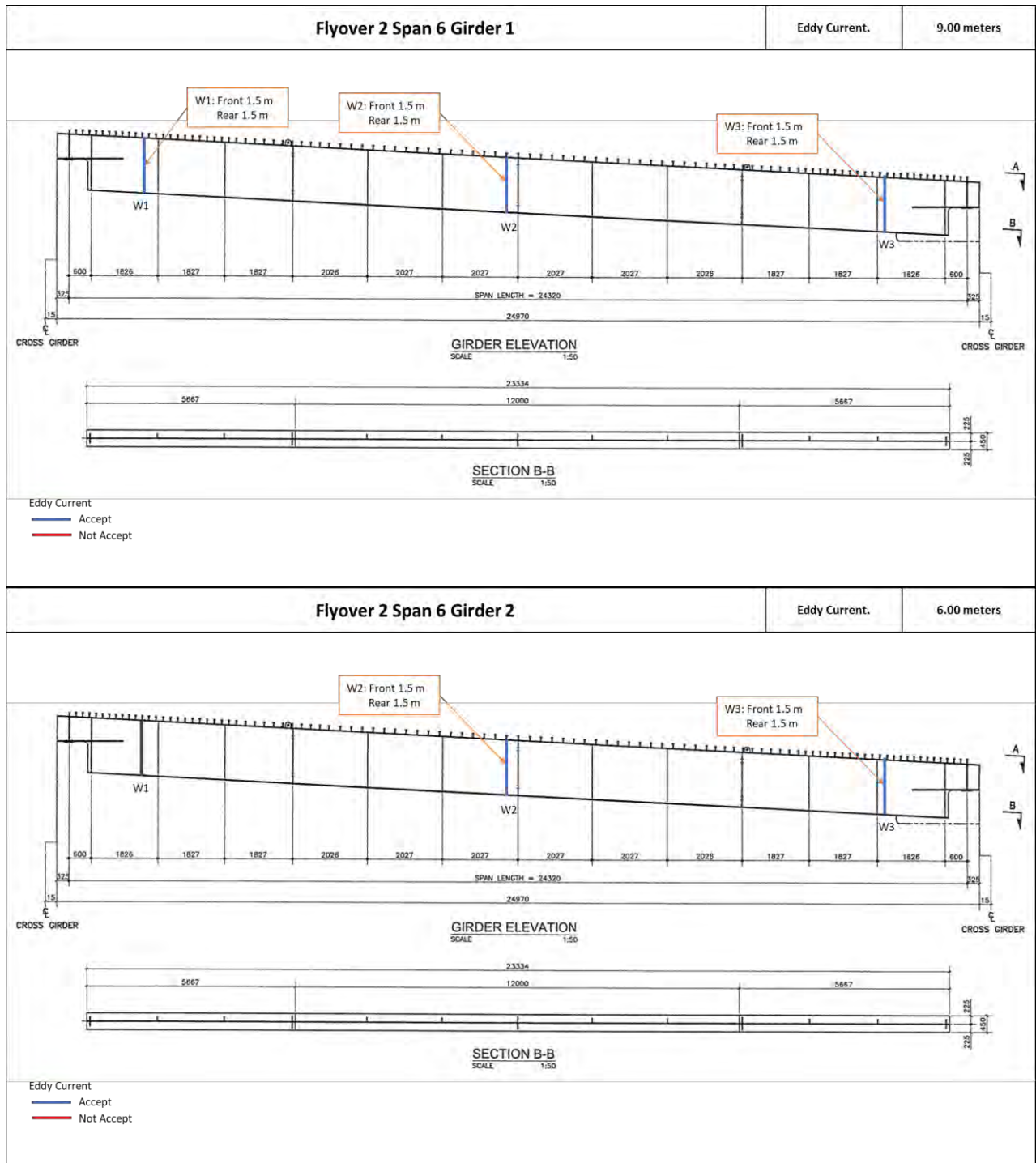
Ladprao Bridge Flyover No.2

Extent

Span 5 Girder 1 - 4

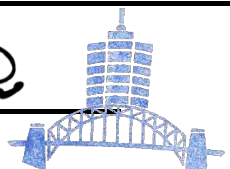
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

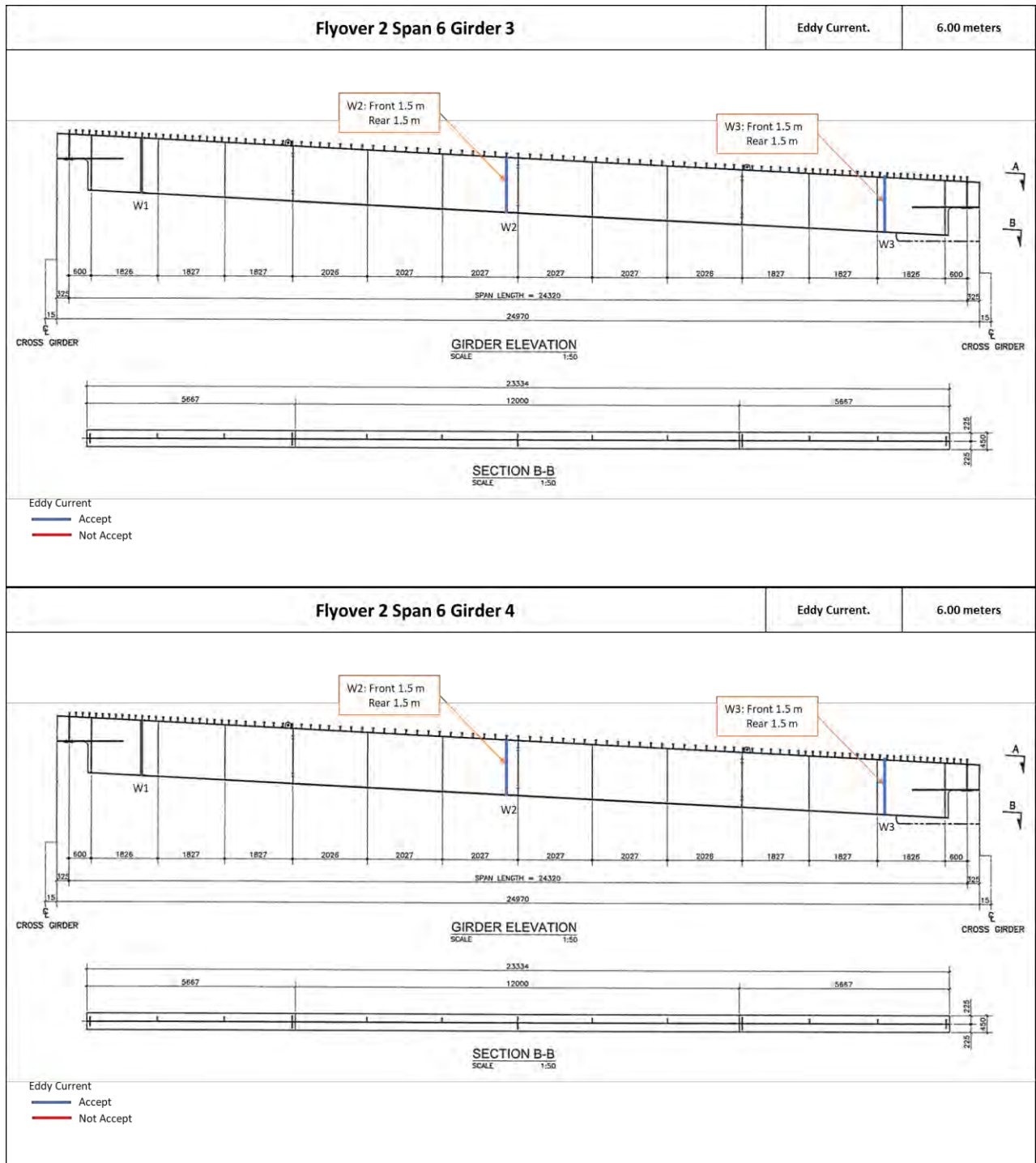
Ladprao Bridge Flyover No.2

Extent

Span 5 Girder 1 - 4

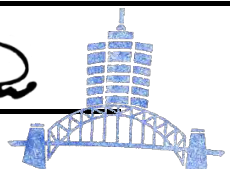
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 7 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

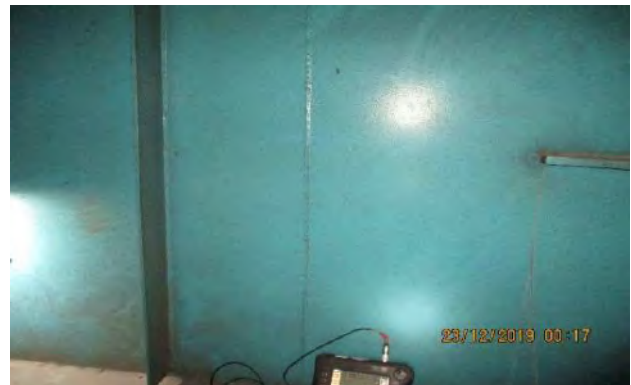
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



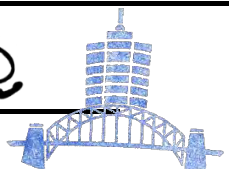
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 7 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 7 Girder 1 - 4

Location

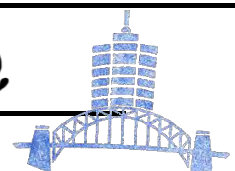
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

Ladprao Bridge Flyover No.2

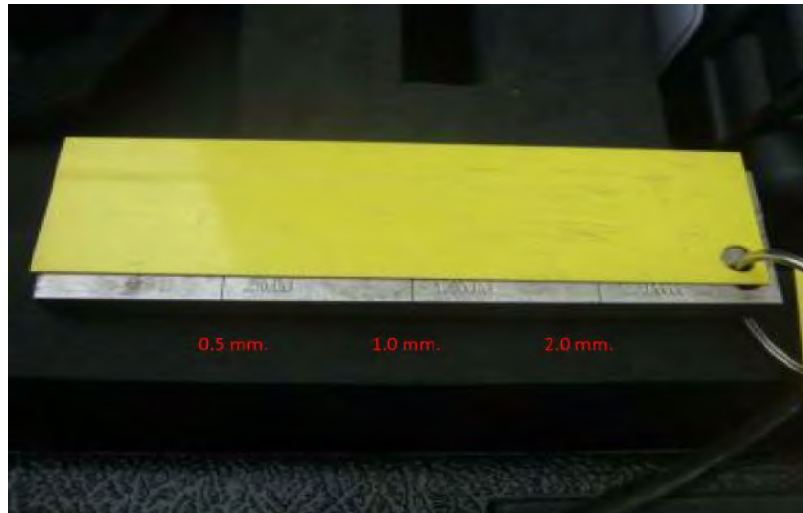
Extent

Span 7 Girder 1 - 4

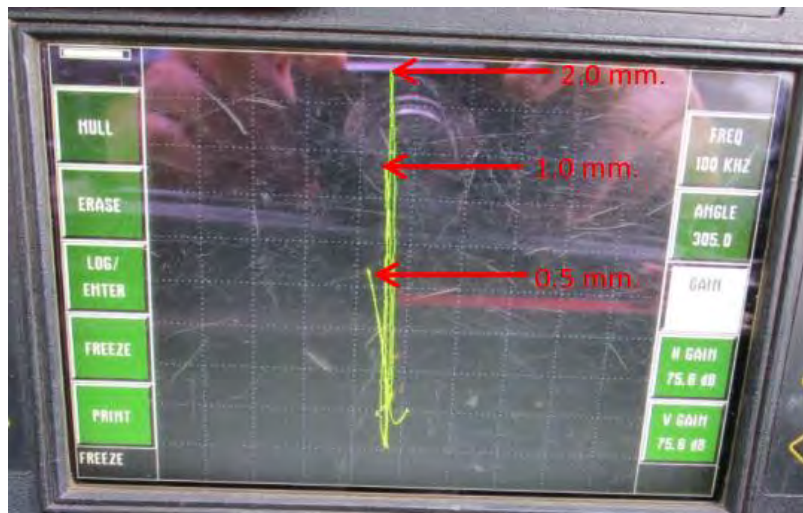
Location

Bangkok of Thailand

Inspection Comment



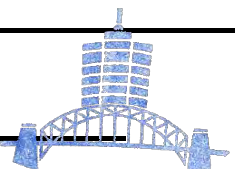
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

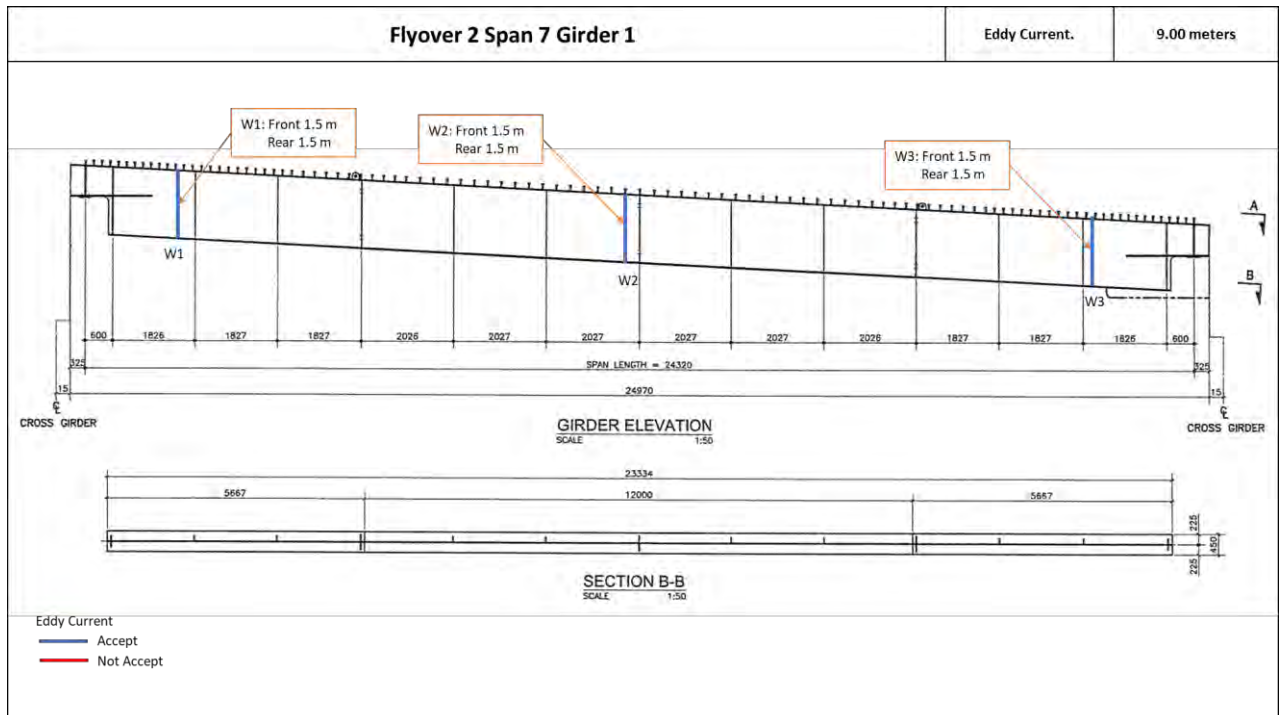
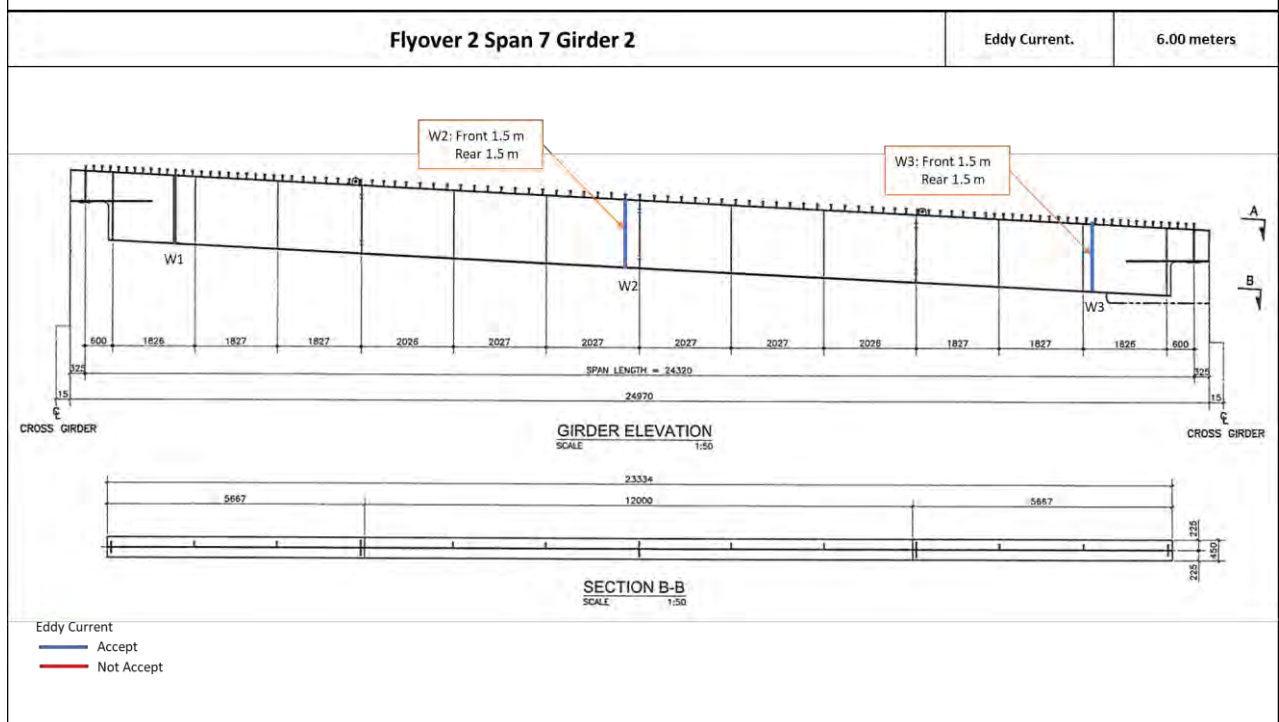
Ladprao Bridge Flyover No.2

Extent

Span 7 Girder 1 - 4

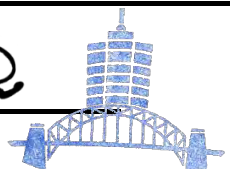
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

23/12/2019

Inspection of

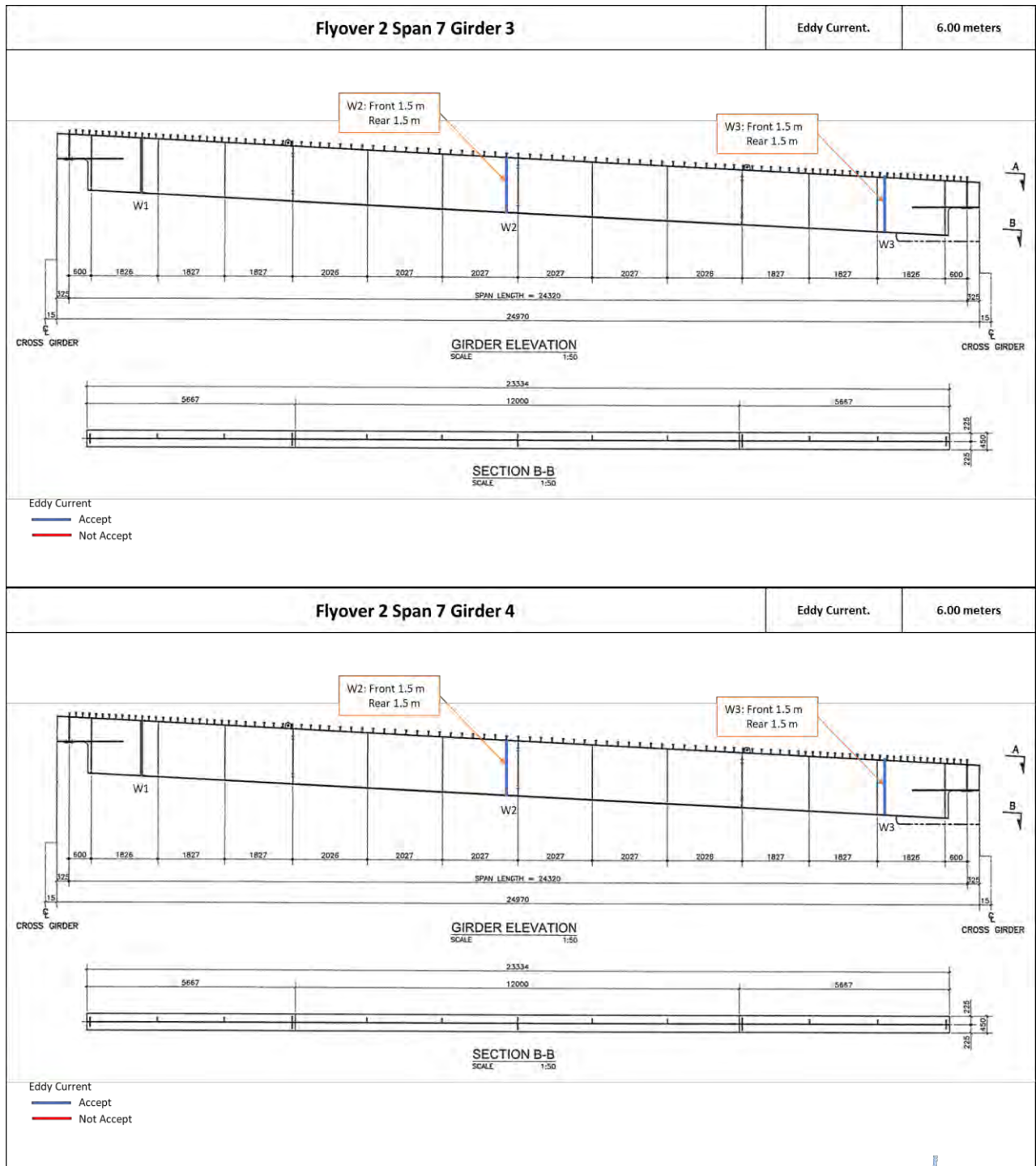
Ladprao Bridge Flyover No.2

Extent

Span 7 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

14,21/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 8 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

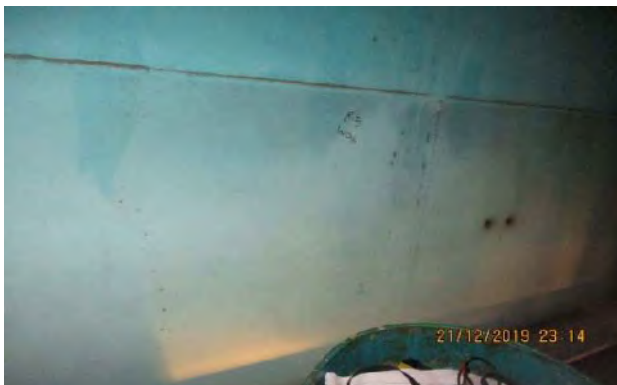
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



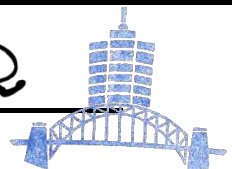
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 8 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14,21/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 8 Girder 1 - 4

Location

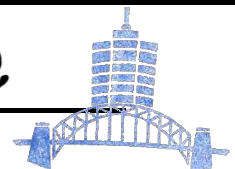
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14,21/12/2019

Inspection of

Ladprao Bridge Flyover No.2

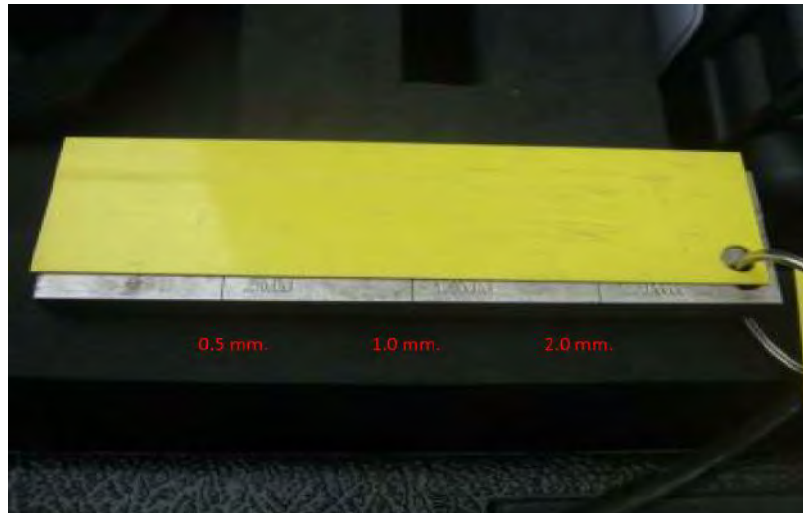
Extent

Span 8 Girder 1 - 4

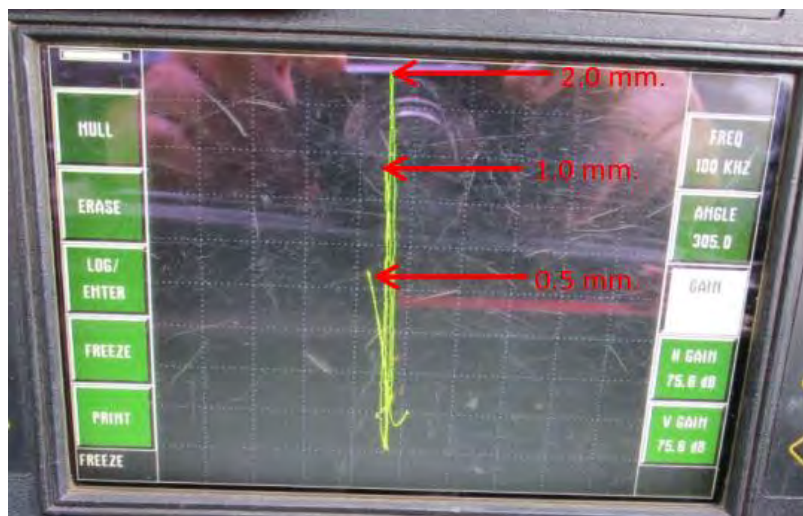
Location

Bangkok of Thailand

Inspection Comment



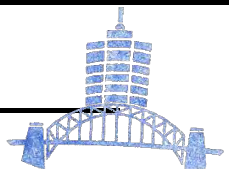
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

14,21/12/2019

Inspection of

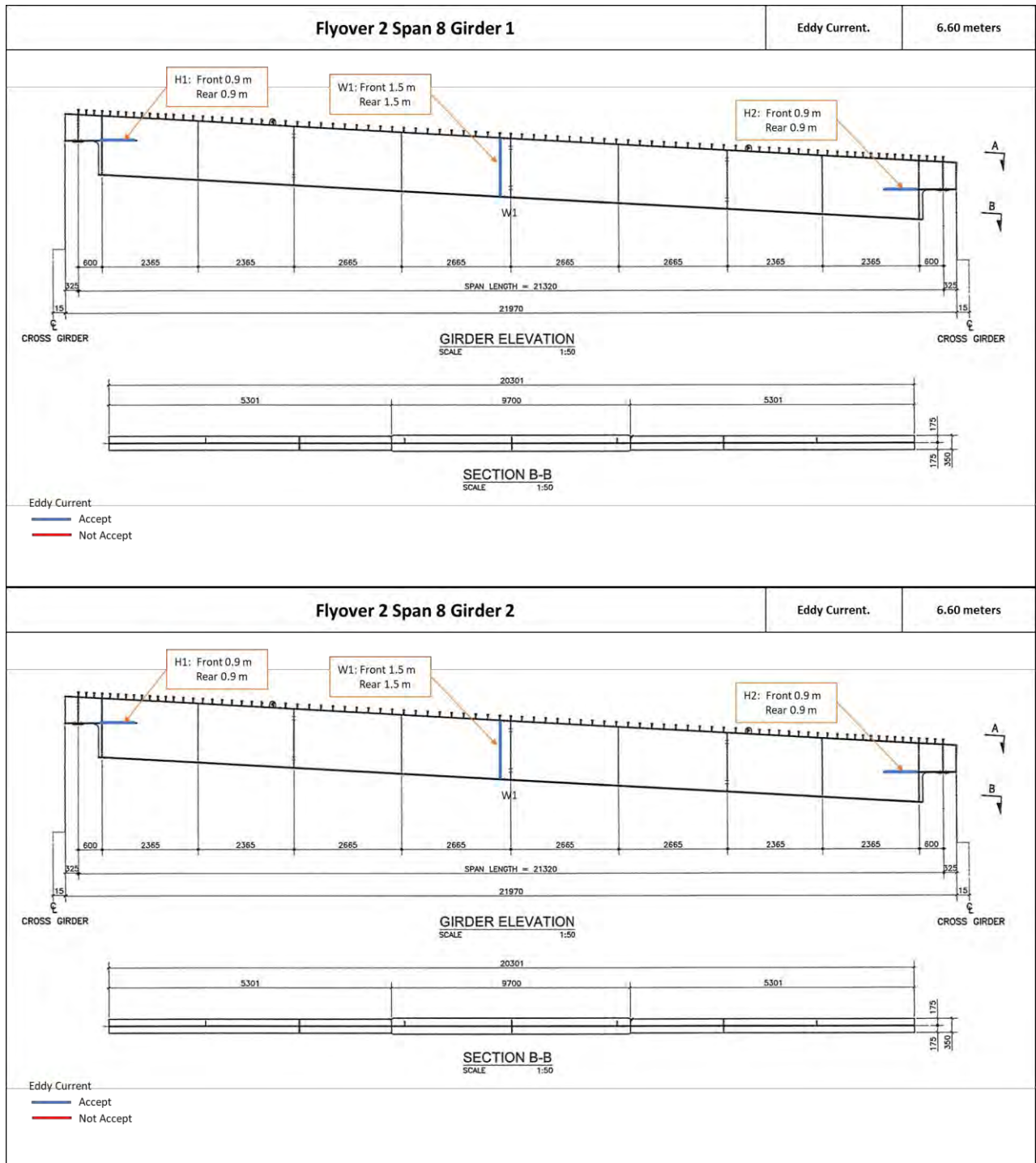
Ladprao Bridge Flyover No.2

Extent

Span 8 Girder 1 - 4

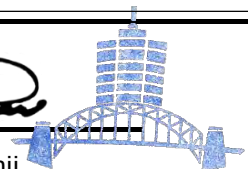
Location

Bangkok of Thailand



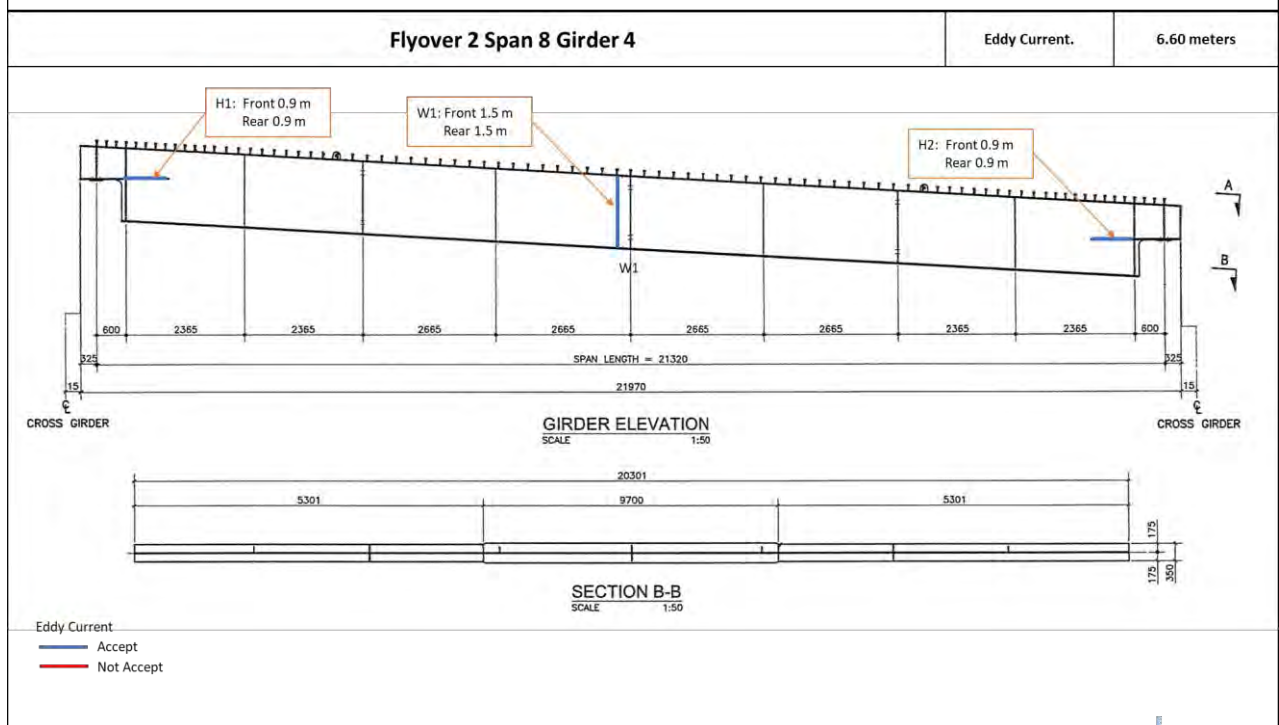
Approved by

Mr. Teerapoj Warachij



14,21/12/2019

Bangkok of Thailand



EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 9 Girder 1 - 5

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



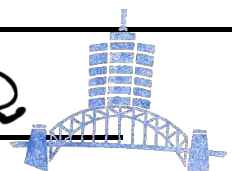
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 9 Girder 1 - 5

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 9 Girder 1 - 5

Location

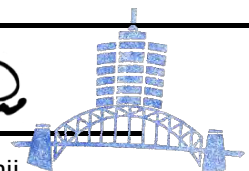
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.2

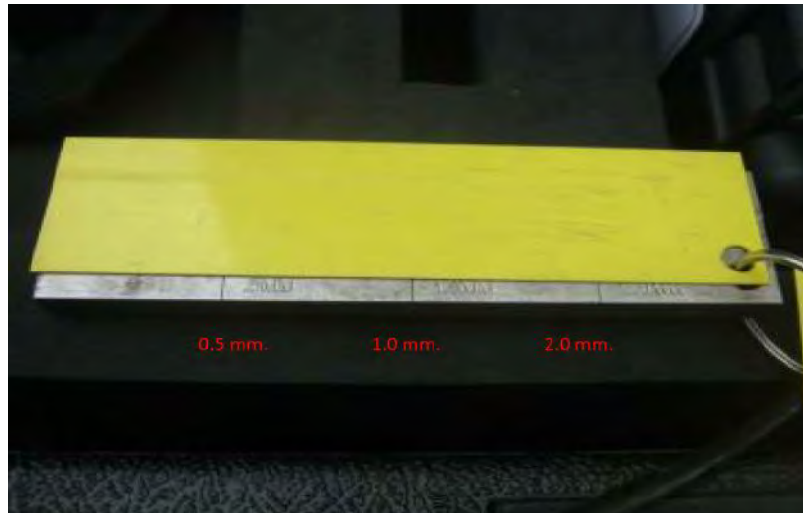
Extent

Span 9 Girder 1 - 5

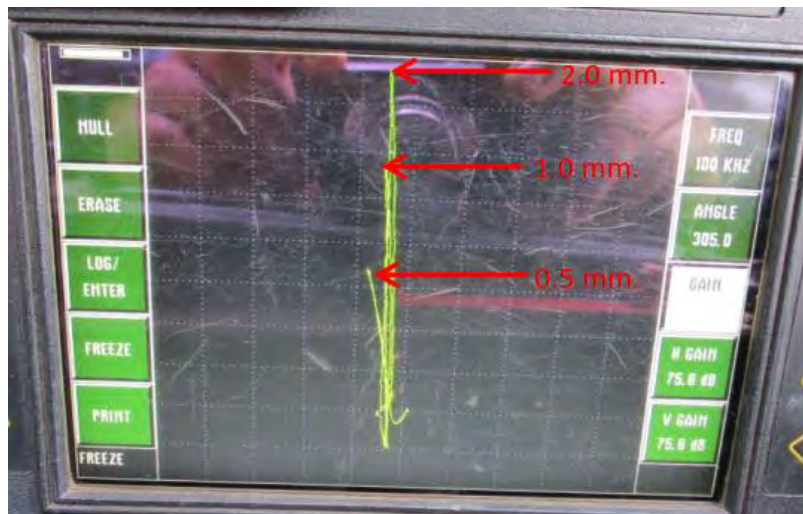
Location

Bangkok of Thailand

Inspection Comment



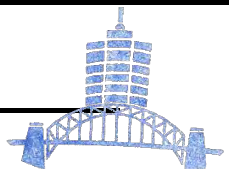
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 9 Girder 1 - 5

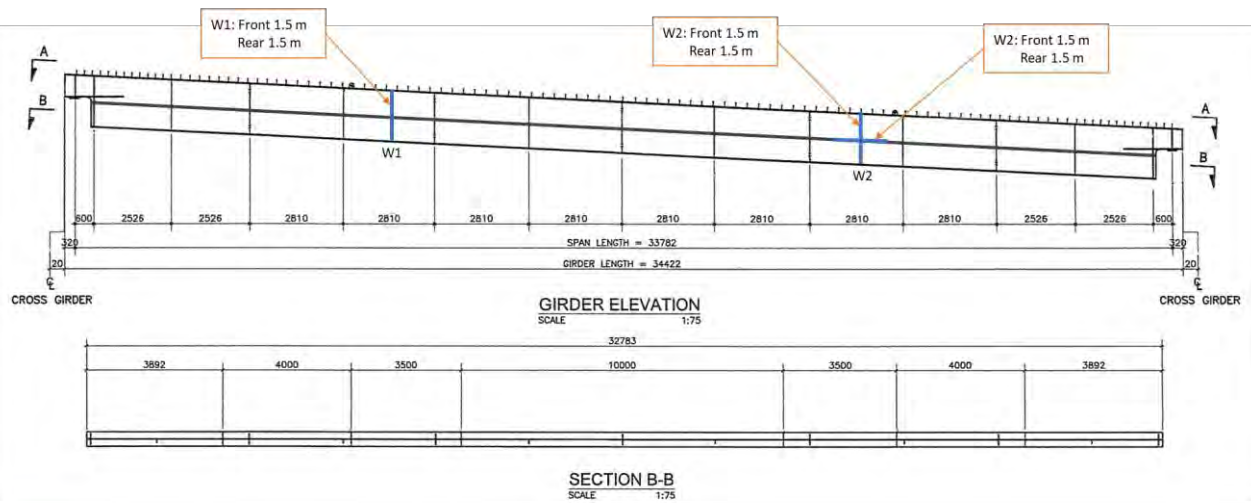
Location

Bangkok of Thailand

Flyover 2 Span 9 Girder 1

Eddy Current.

9.00 meters



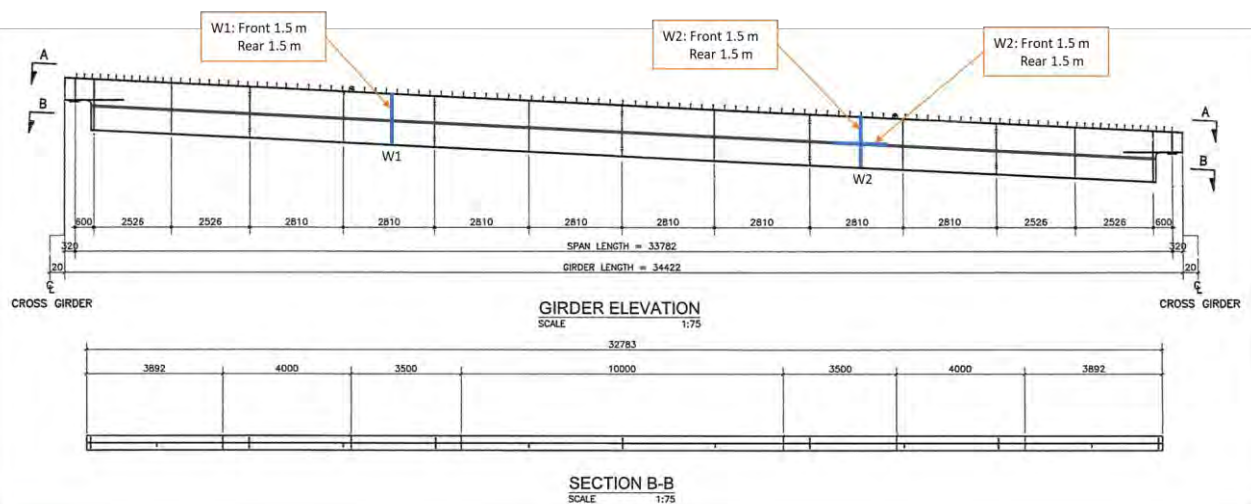
Eddy Current

— Accept
— Not Accept

Flyover 2 Span 9 Girder 2

Eddy Current.

9.00 meters

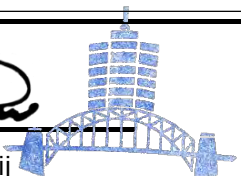


Eddy Current

— Accept
— Not Accept

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 9 Girder 1 - 5

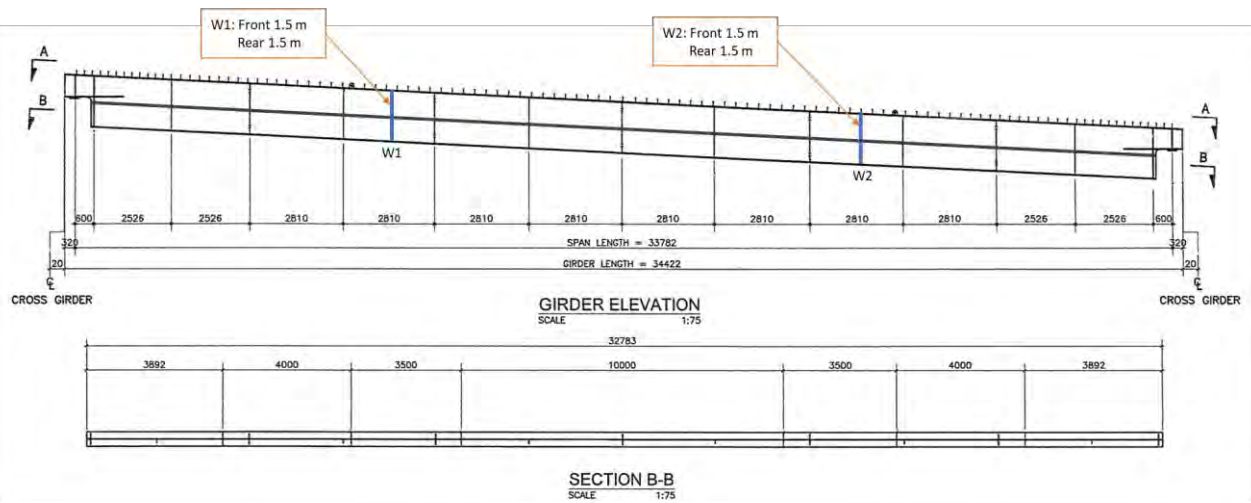
Location

Bangkok of Thailand

Flyover 2 Span 9 Girder 3

Eddy Current.

6.00 meters



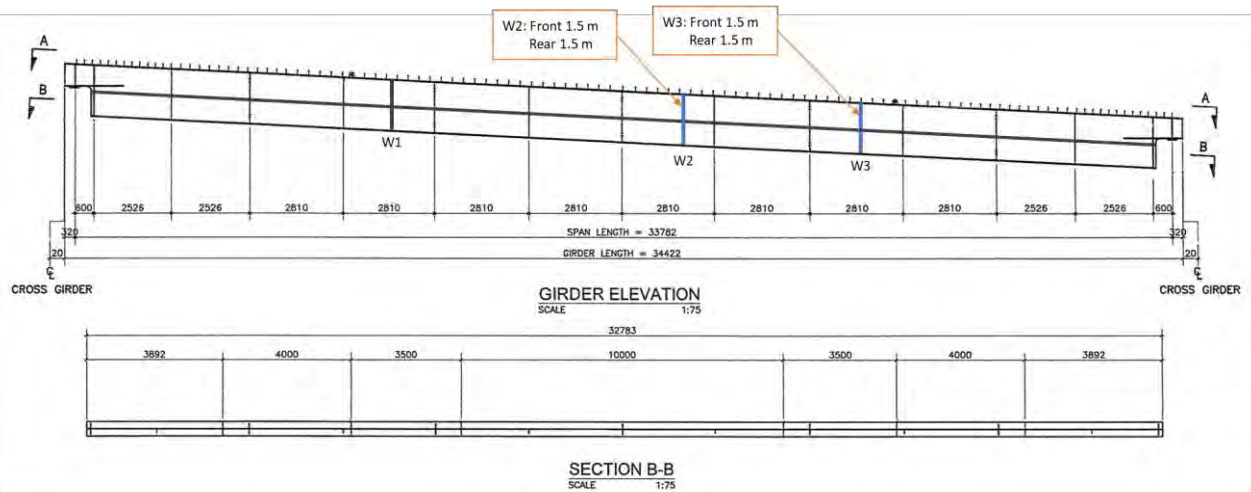
Eddy Current

— Accept
— Not Accept

Flyover 2 Span 9 Girder 4

Eddy Current.

6.00 meters



Eddy Current

— Accept
— Not Accept

Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

22/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 9 Girder 1 - 5

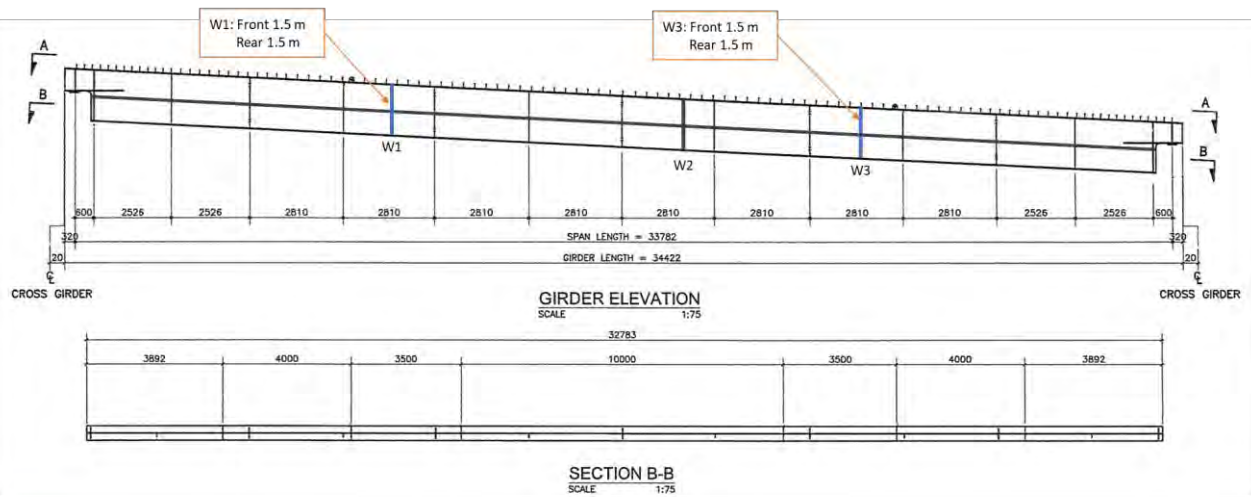
Location

Bangkok of Thailand

Flyover 2 Span 9 Girder 5

Eddy Current.

6.00 meters

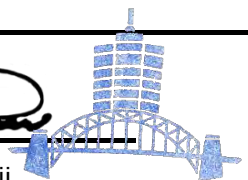


Eddy Current

— Accept
— Not Accept

Approved by


Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

21/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 10 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

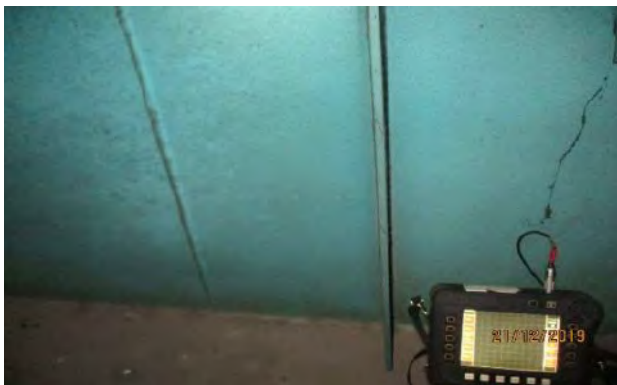
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

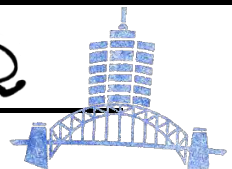


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 10 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

21/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 10 Girder 1 - 4

Location

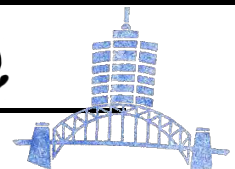
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

21/12/2019

Inspection of

Ladprao Bridge Flyover No.2

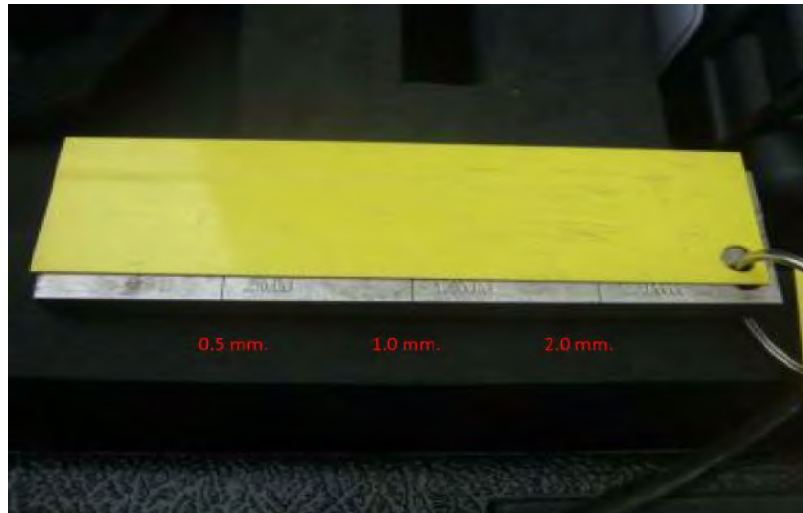
Extent

Span 10 Girder 1 - 4

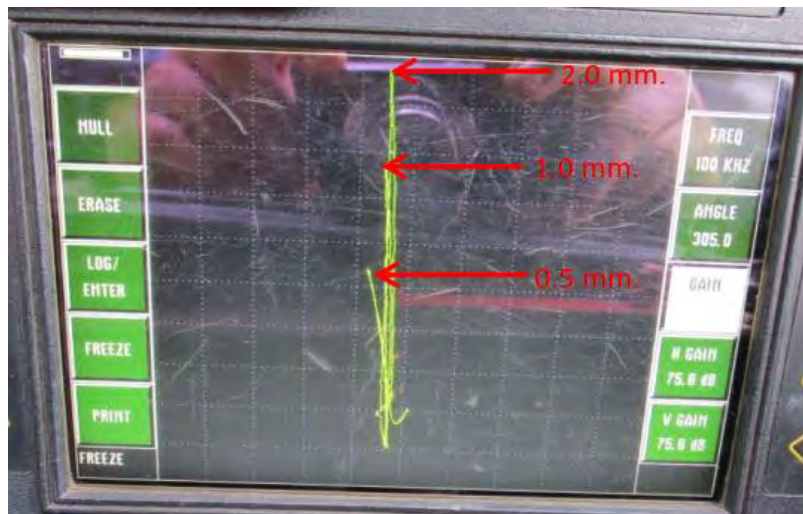
Location

Bangkok of Thailand

Inspection Comment



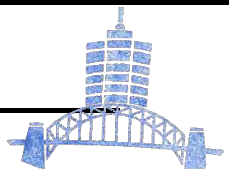
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

21/12/2019

Inspection of

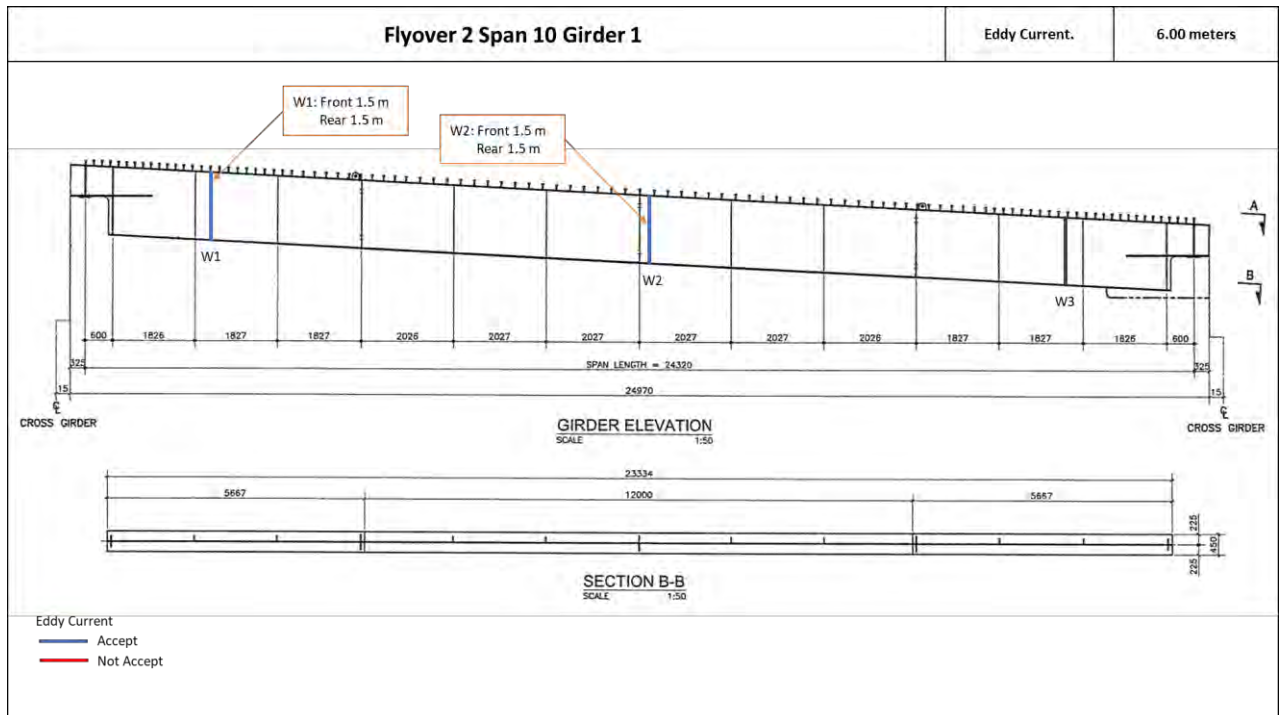
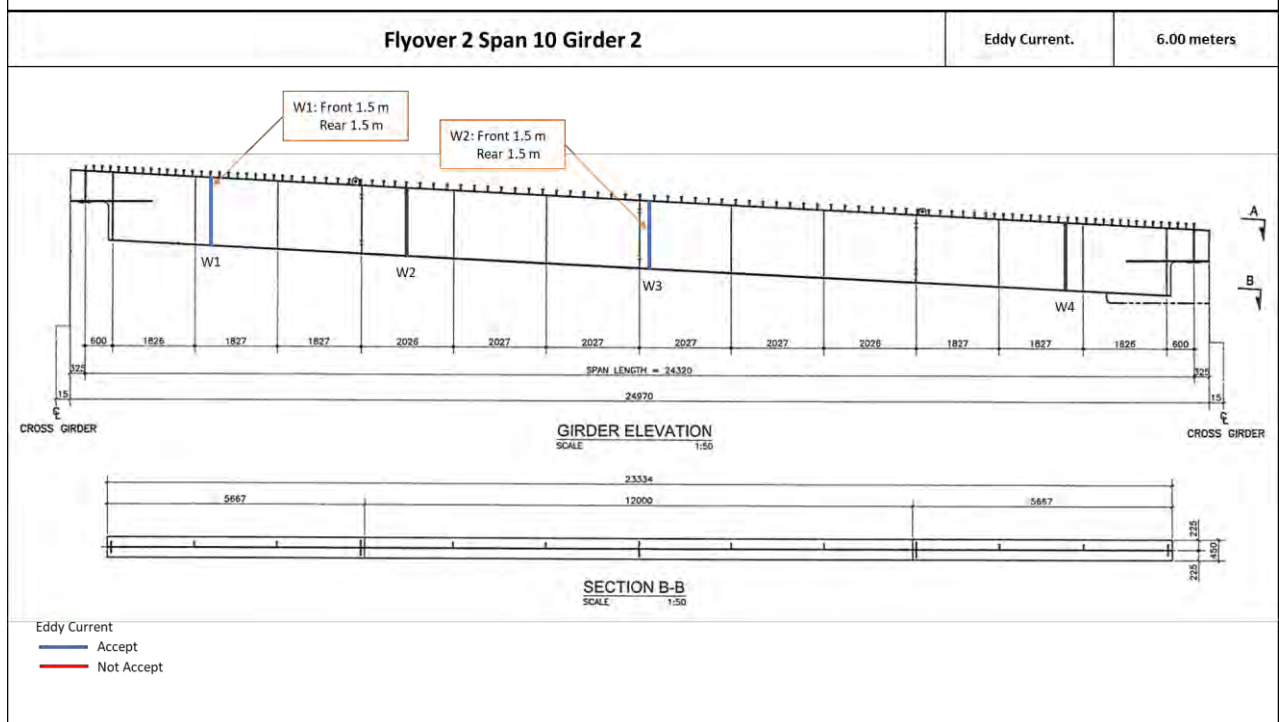
Ladprao Bridge Flyover No.2

Extent

Span 10 Girder 1 - 4

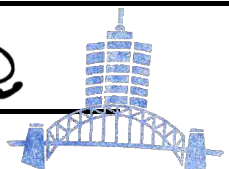
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

21/12/2019

Inspection of

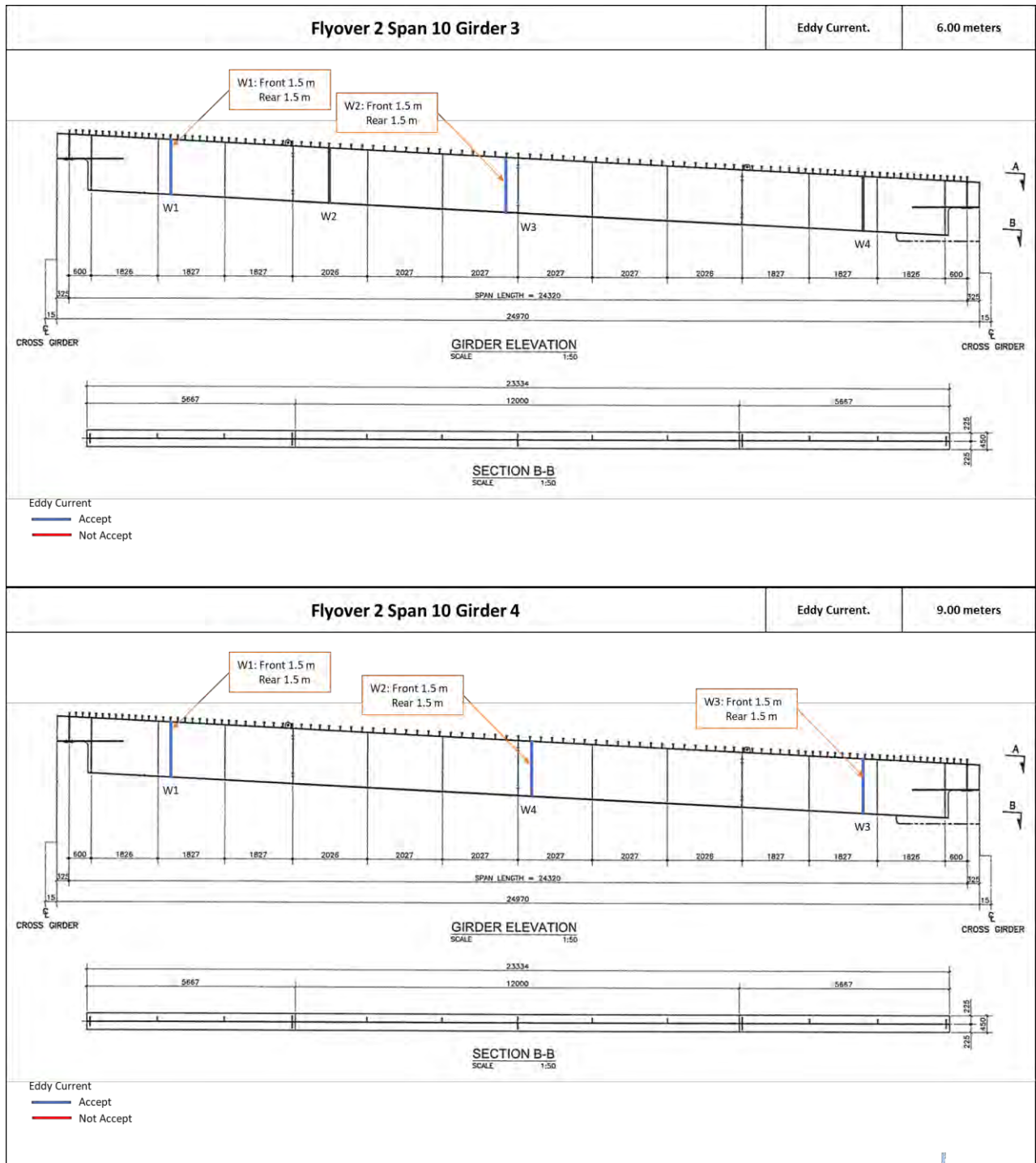
Ladprao Bridge Flyover No.2

Extent

Span 10 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 11 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

680 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

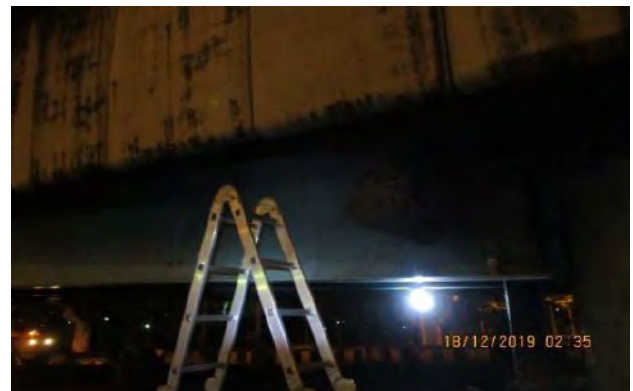
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

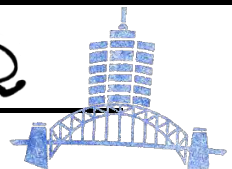


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 11 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 11 Girder 1 - 4

Location

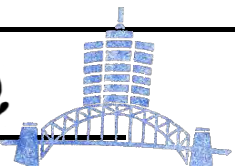
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.2

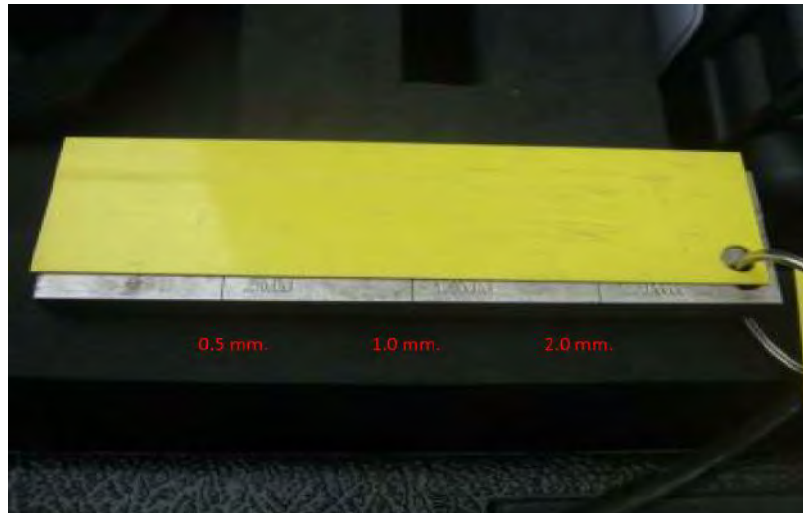
Extent

Span 11 Girder 1 - 4

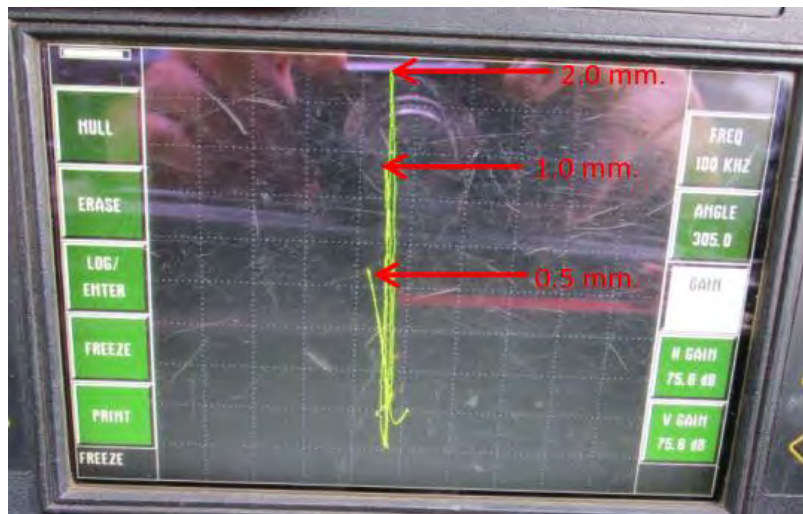
Location

Bangkok of Thailand

Inspection Comment



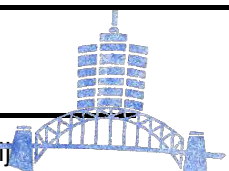
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachit



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

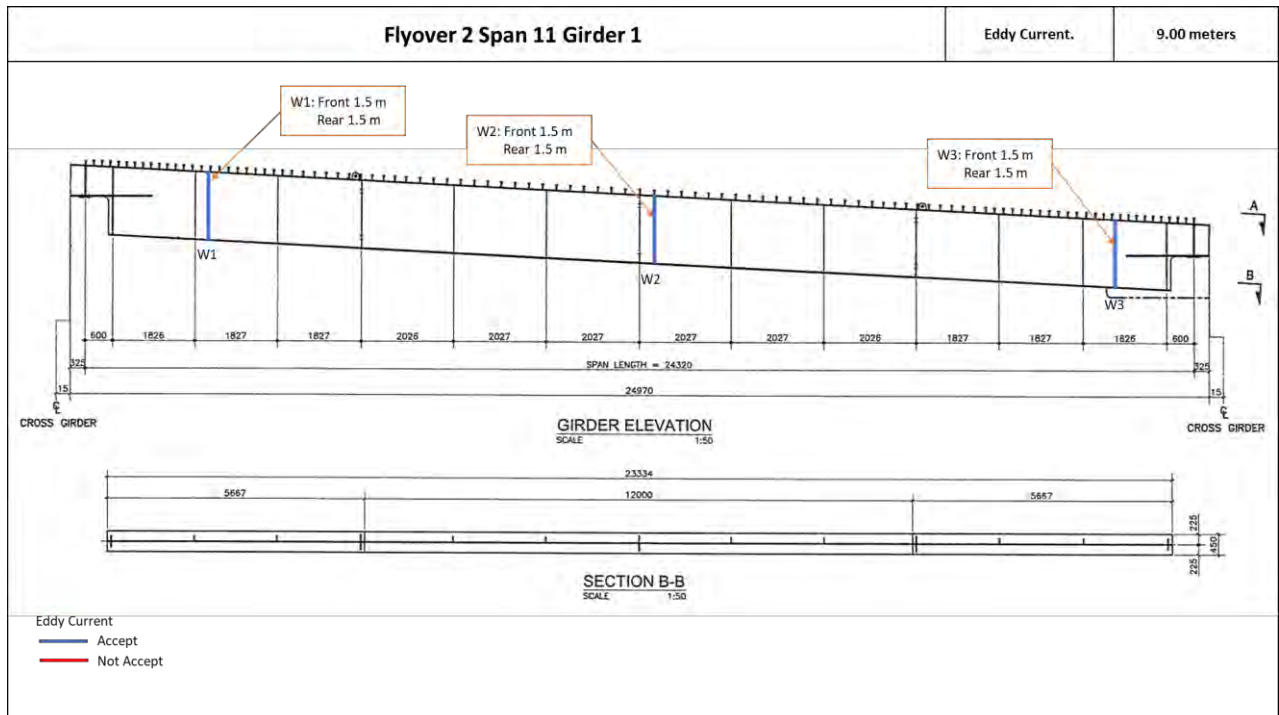
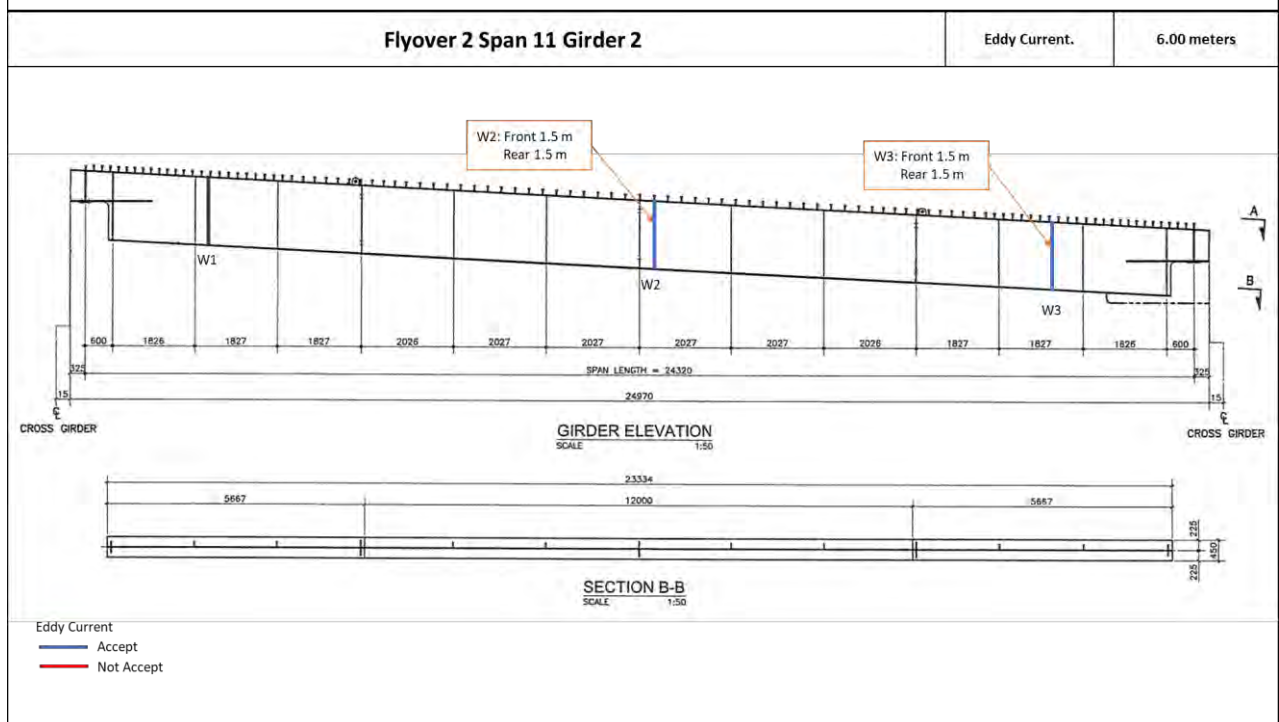
Ladprao Bridge Flyover No.2

Extent

Span 11 Girder 1 - 4

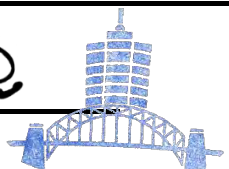
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 11 Girder 1 - 4

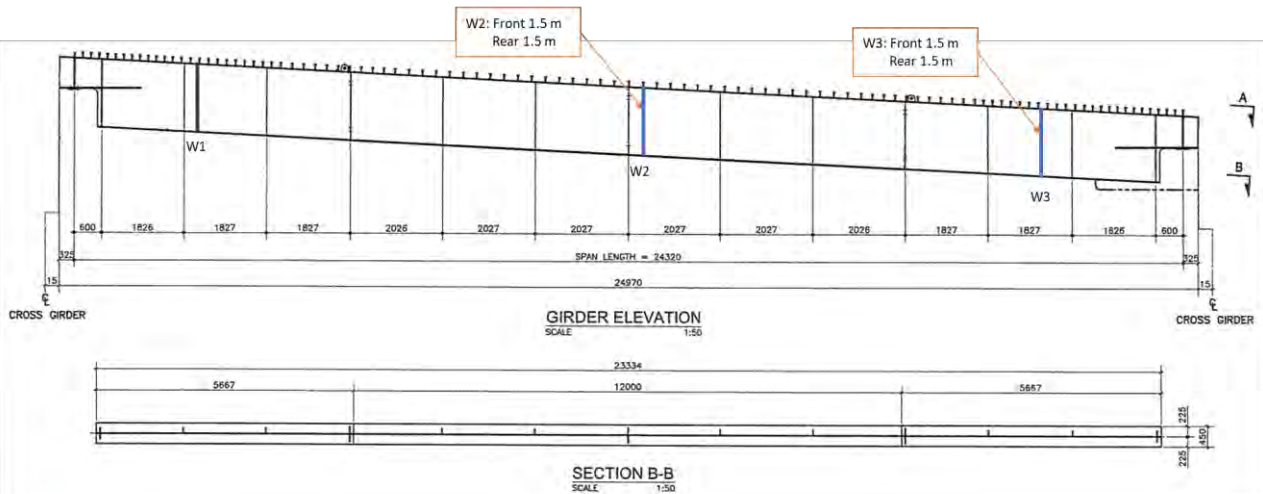
Location

Bangkok of Thailand

Flyover 2 Span 11 Girder 3

Eddy Current.

6.00 meters



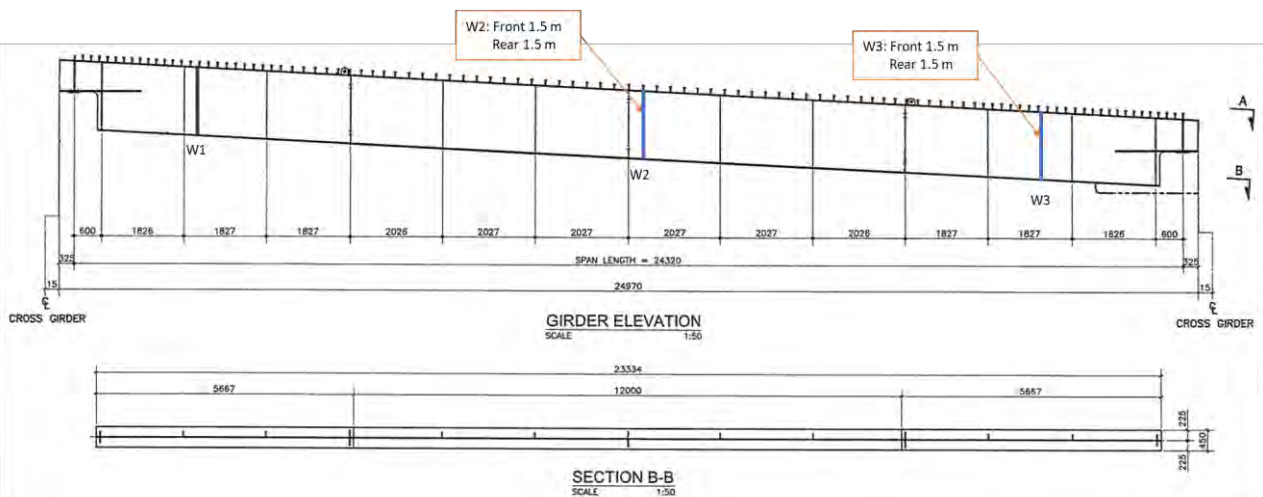
Eddy Current

— Accept
— Not Accept

Flyover 2 Span 11 Girder 4

Eddy Current.

6.00 meters

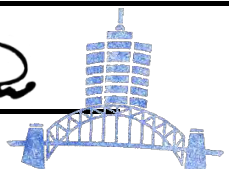


Eddy Current

— Accept
— Not Accept

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 12 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Prargraph 5.7

Max paint thickness

680 μm .

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

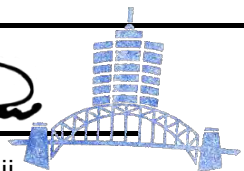


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 12 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 12 Girder 1 - 4

Location

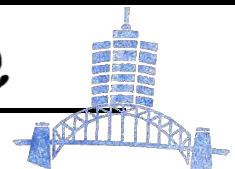
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.2

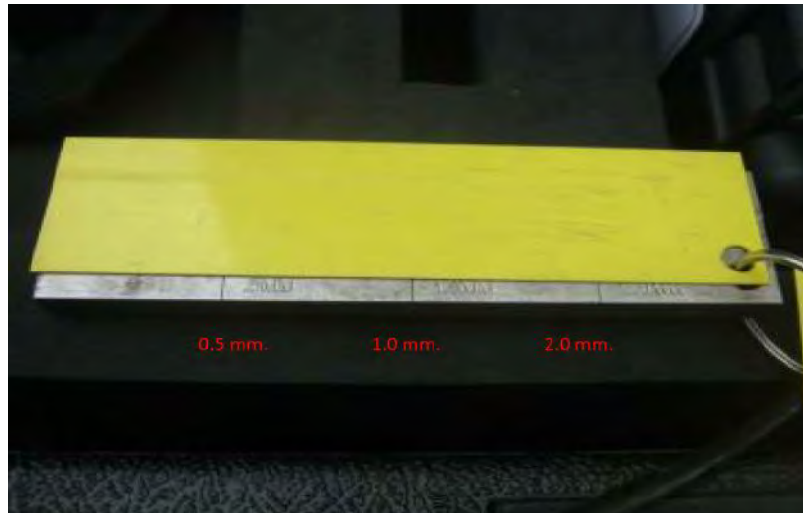
Extent

Span 12 Girder 1 - 4

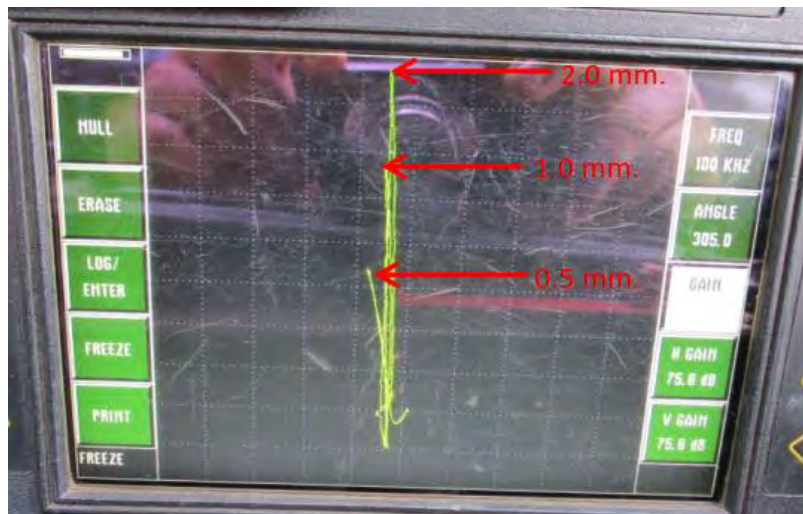
Location

Bangkok of Thailand

Inspection Comment



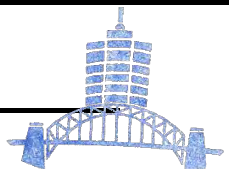
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 12 Girder 1 - 4

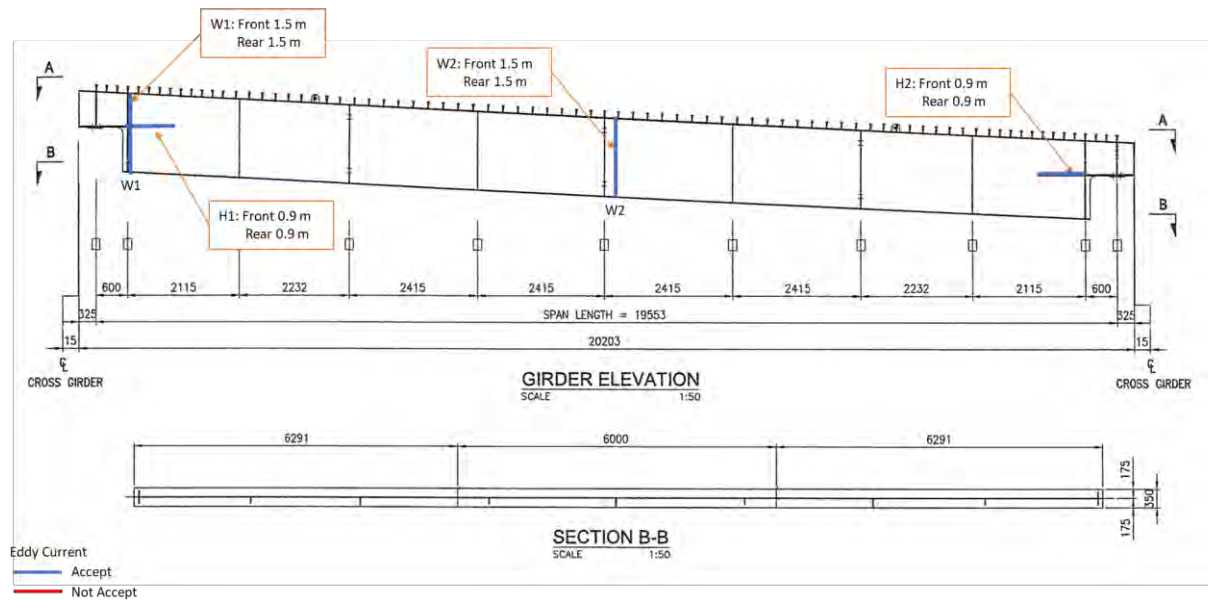
Location

Bangkok of Thailand

Flyover 2 Span 12 Girder 1

Eddy Current.

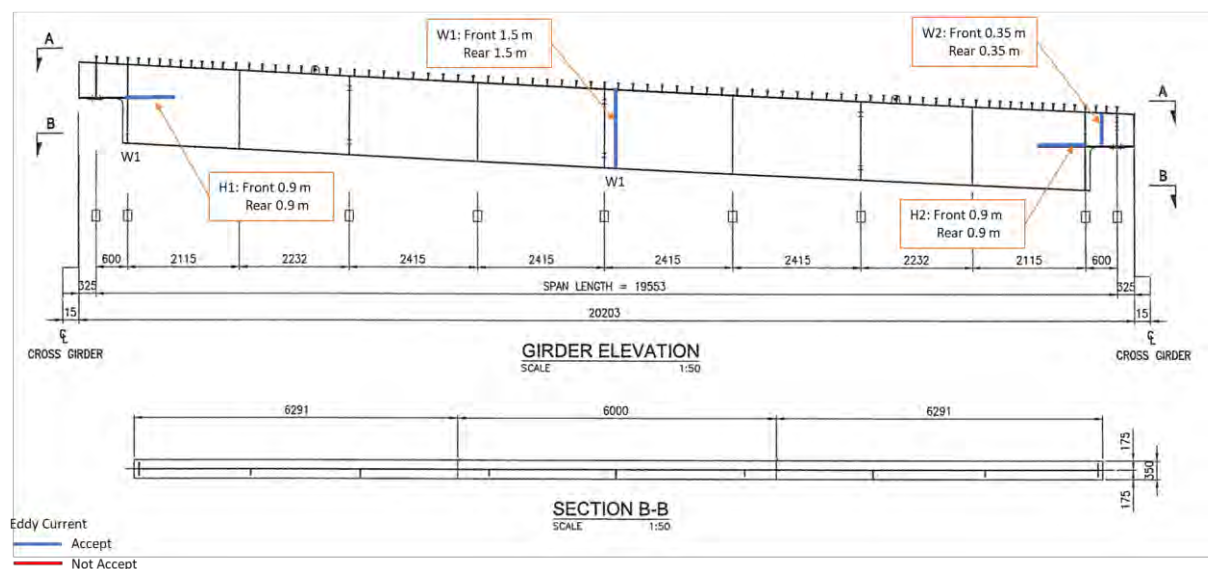
9.60 meters



Flyover 2 Span 12 Girder 2

Eddy Current.

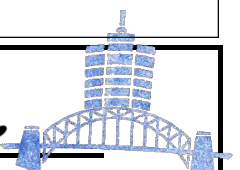
7.30 meters



Approved by

Mr. Teerapoj Warachij

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.2

Extent

Span 12 Girder 1 - 4

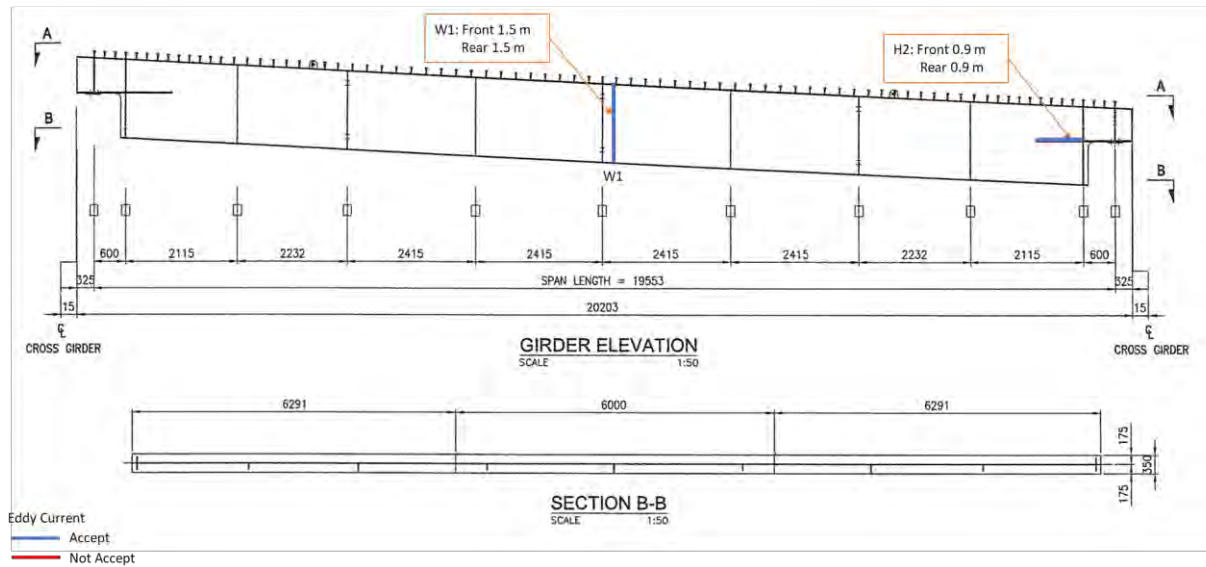
Location

Bangkok of Thailand

Flyover 2 Span 12 Girder 3

Eddy Current.

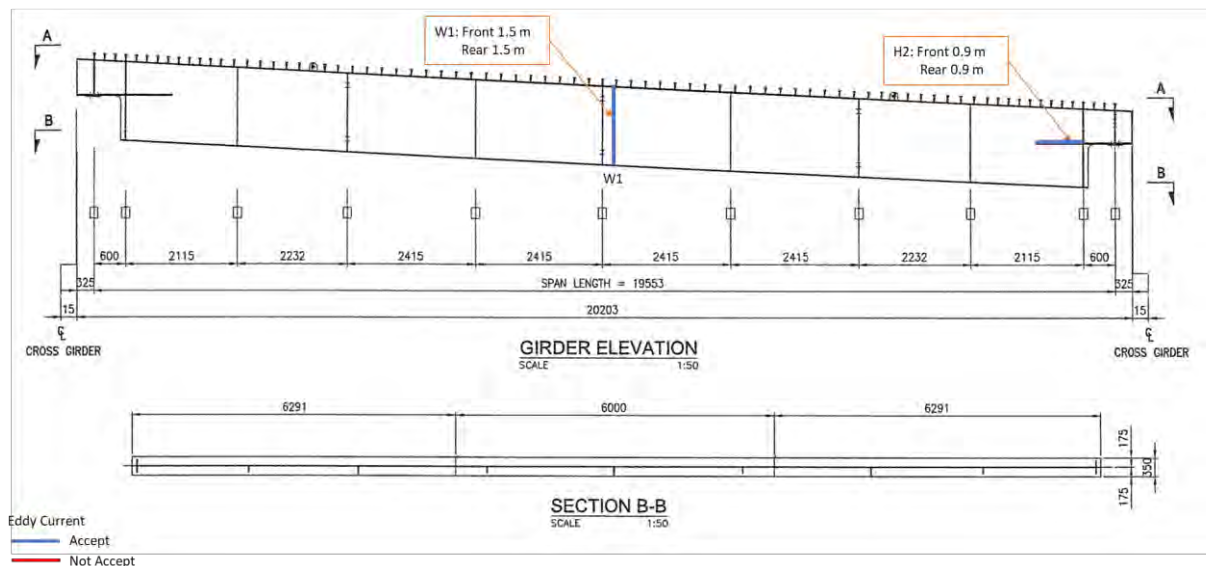
4.80 meters



Flyover 2 Span 12 Girder 4

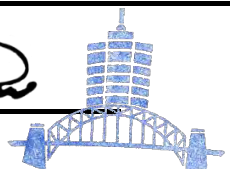
Eddy Current.

4.80 meters



Approved by

Mr. Teerapoj Warachij



รายงานผลการตรวจสอบรอยเชื่อมด้วยวิธี Eddy Current Examination
Flyover No.3

EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 1 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



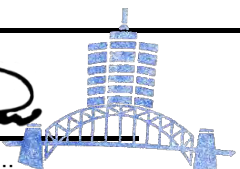
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 1 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.3

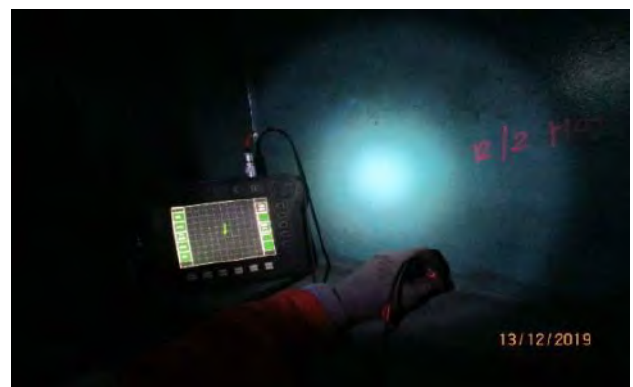
Extent

Span 1 Girder 1 - 4

Location

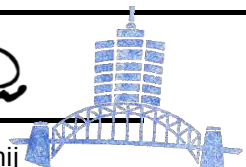
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.3

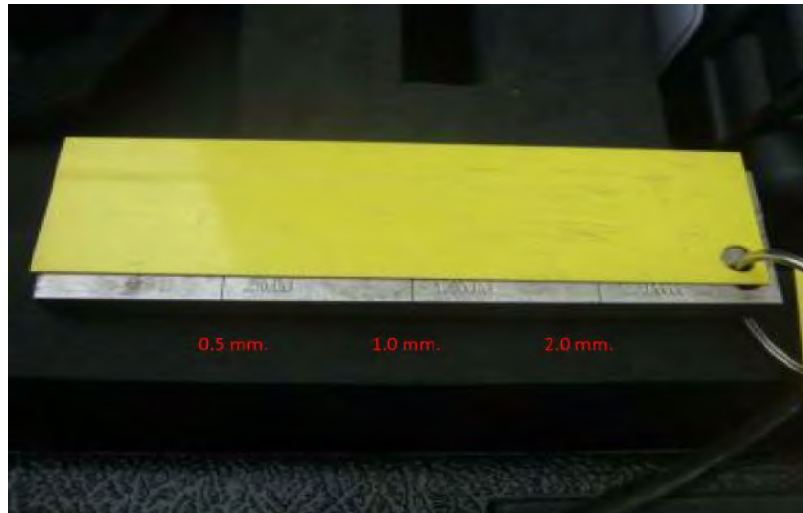
Extent

Span 1 Girder 1 - 4

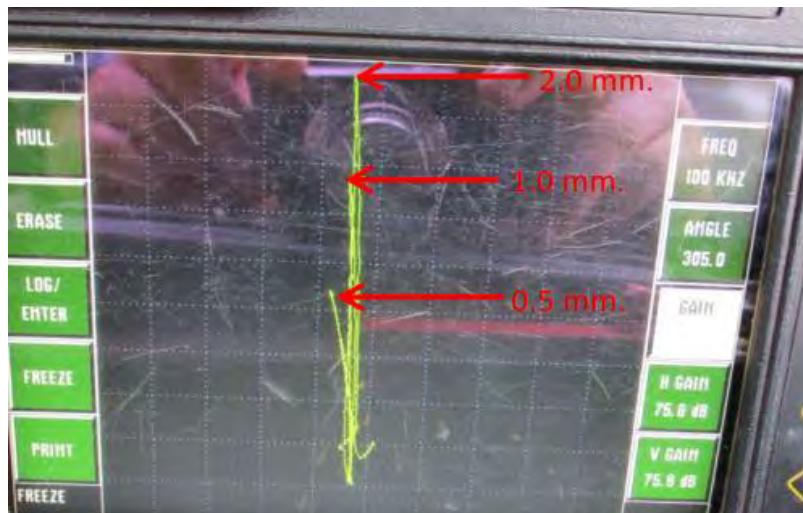
Location

Bangkok of Thailand

Inspection Comment



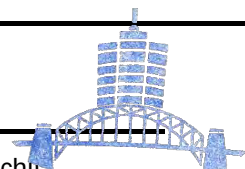
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

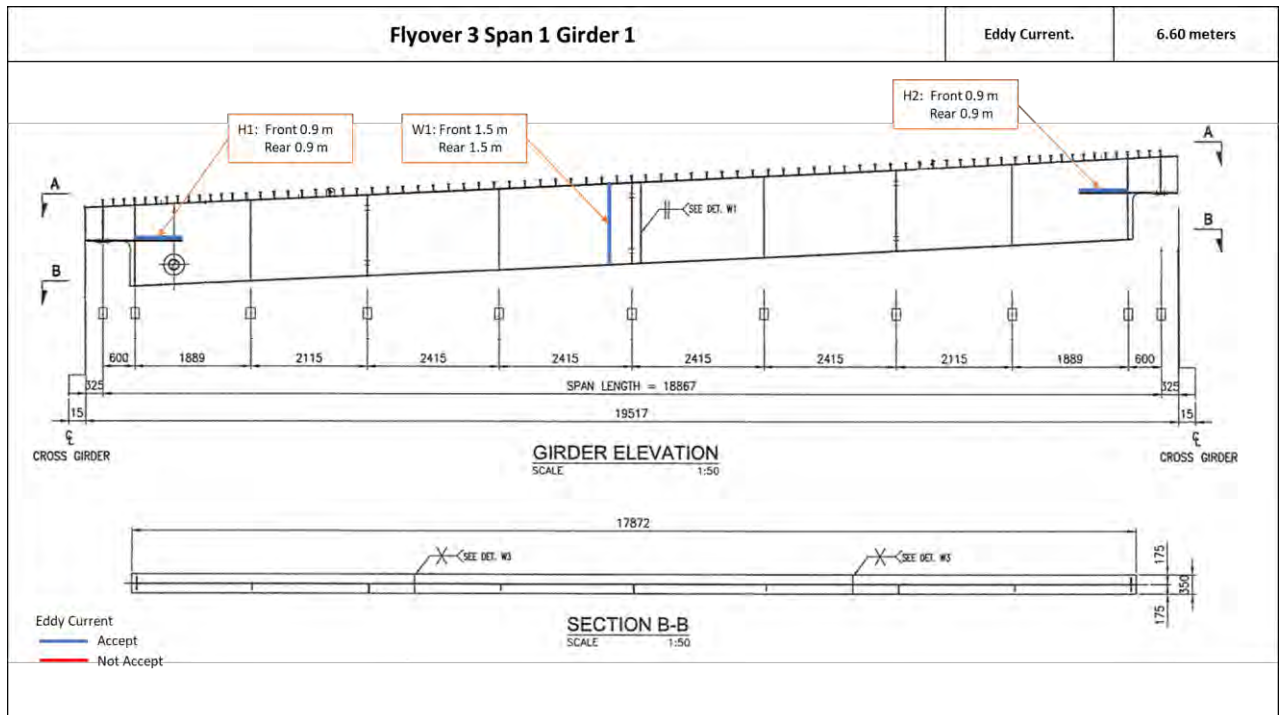
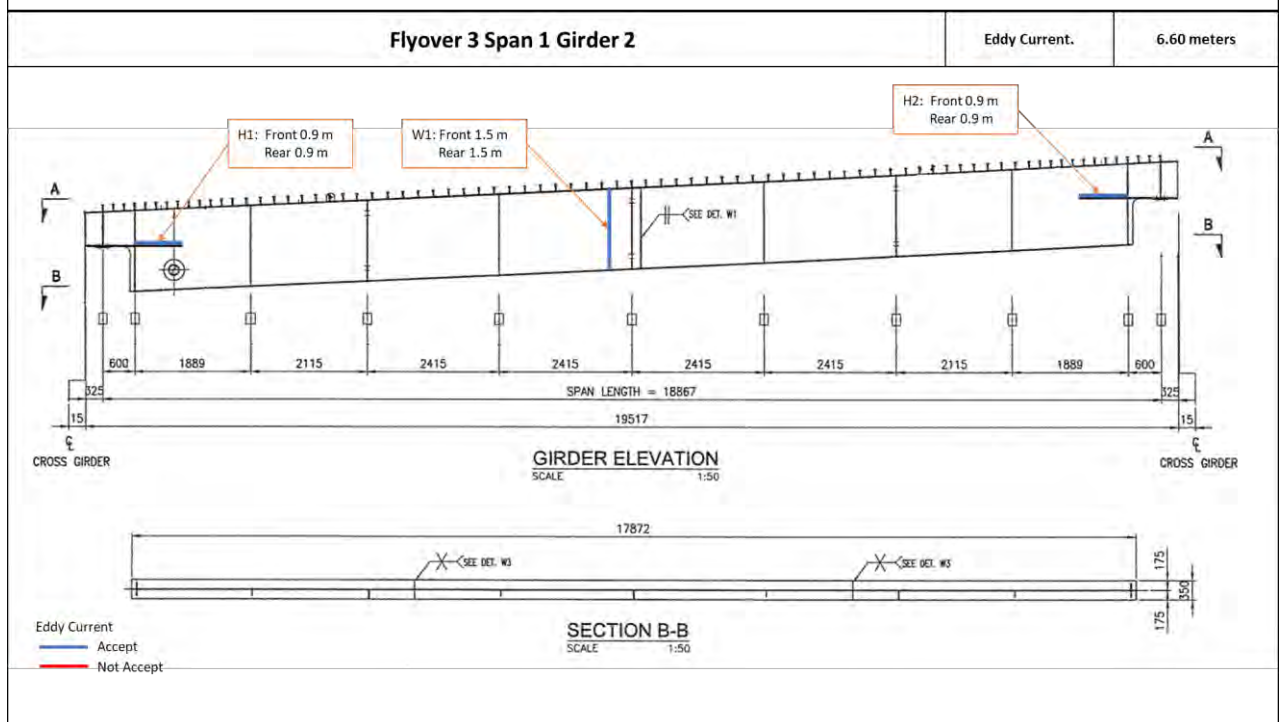
Ladprao Bridge Flyover No.3

Extent

Span 1 Girder 1 - 4

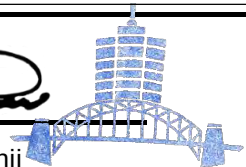
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

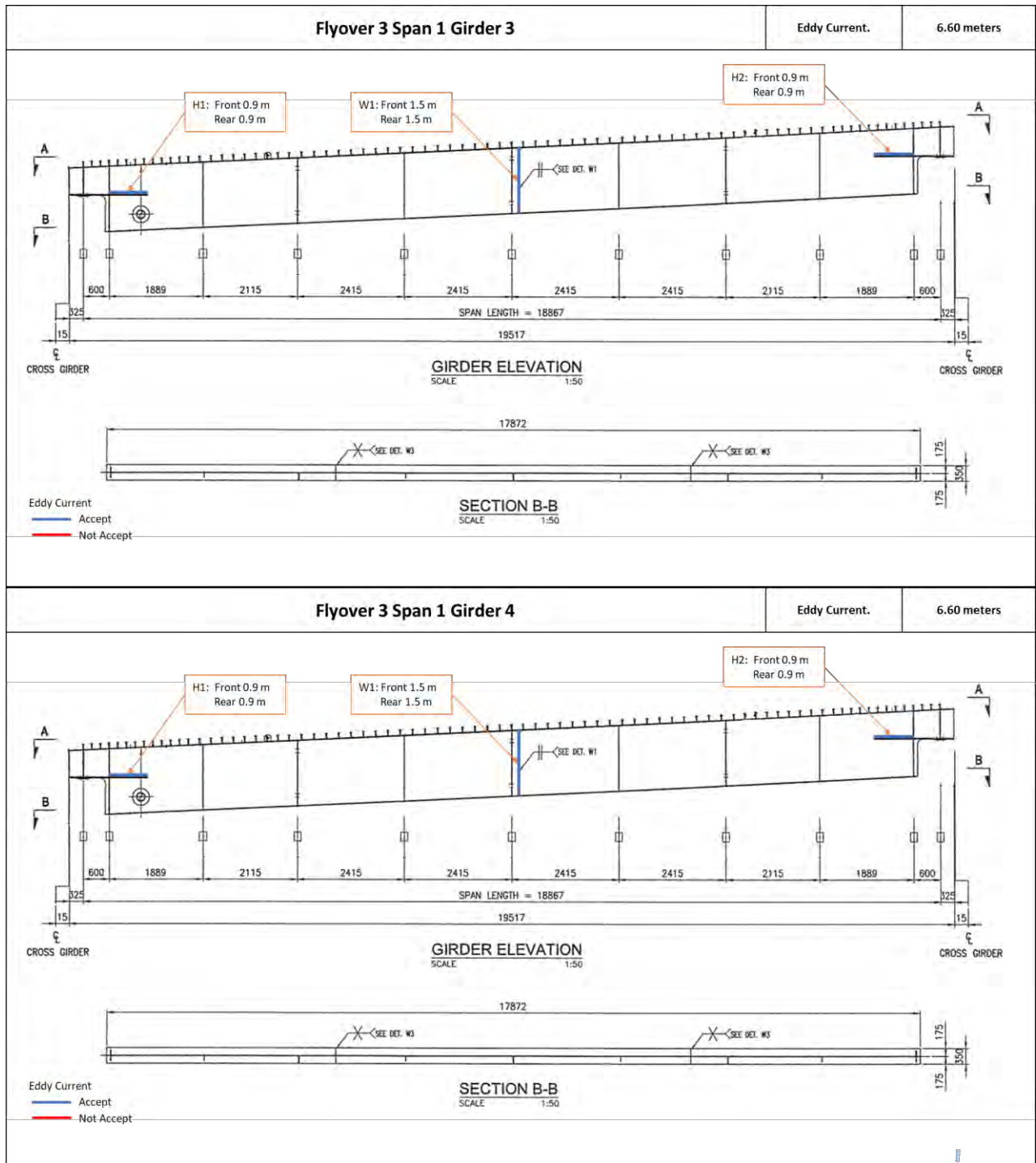
Ladprao Bridge Flyover No.3

Extent

Span 1 Girder 1 - 4

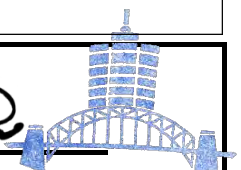
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 2 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Prargraph 5.7

Max paint thickness

492 μm .

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 2 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 2 Girder 1 - 4

Location

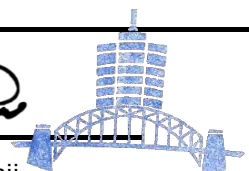
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

Ladprao Bridge Flyover No.3

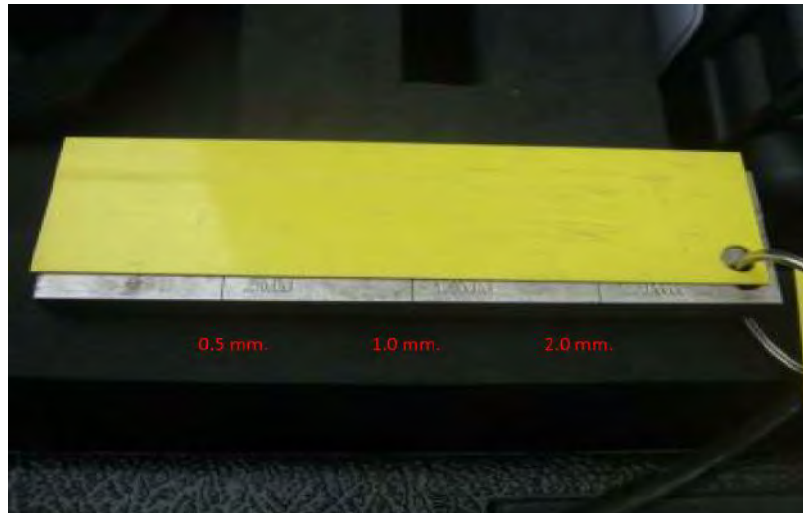
Extent

Span 2 Girder 1 - 4

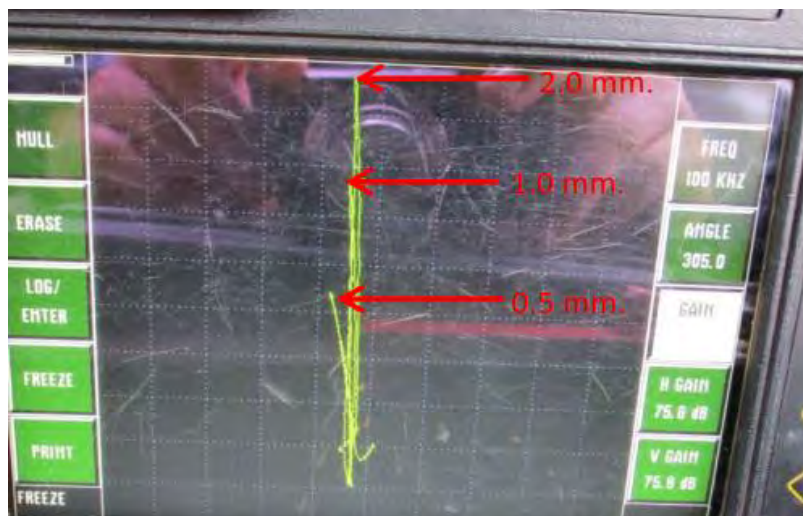
Location

Bangkok of Thailand

Inspection Comment

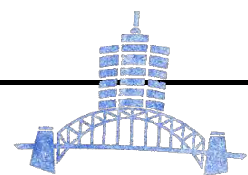


Calibration Block



Calibration Signal

Approved by



Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

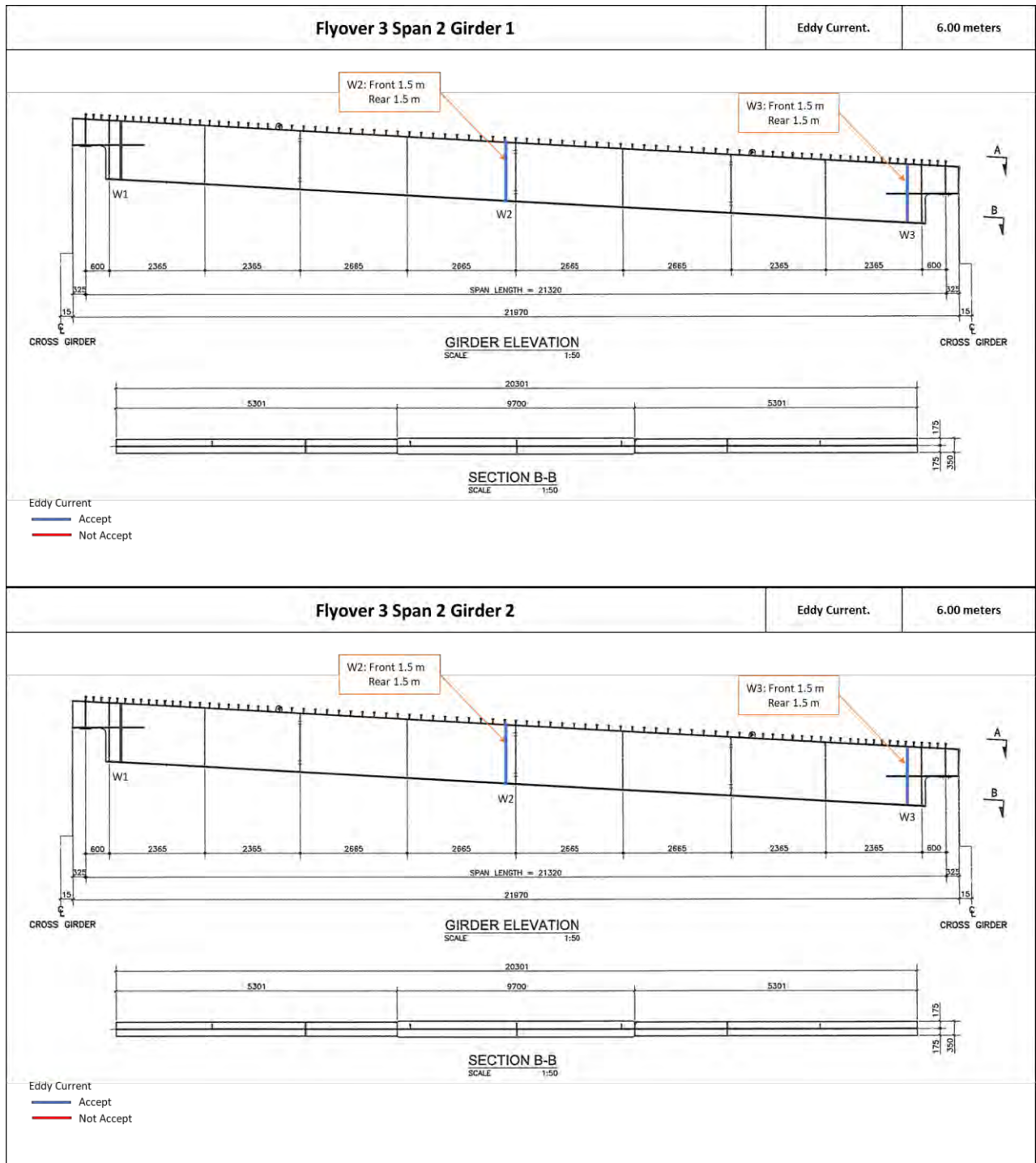
Ladprao Bridge Flyover No.3

Extent

Span 2 Girder 1 - 4

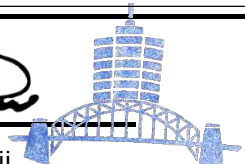
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

13/12/2019

Inspection of

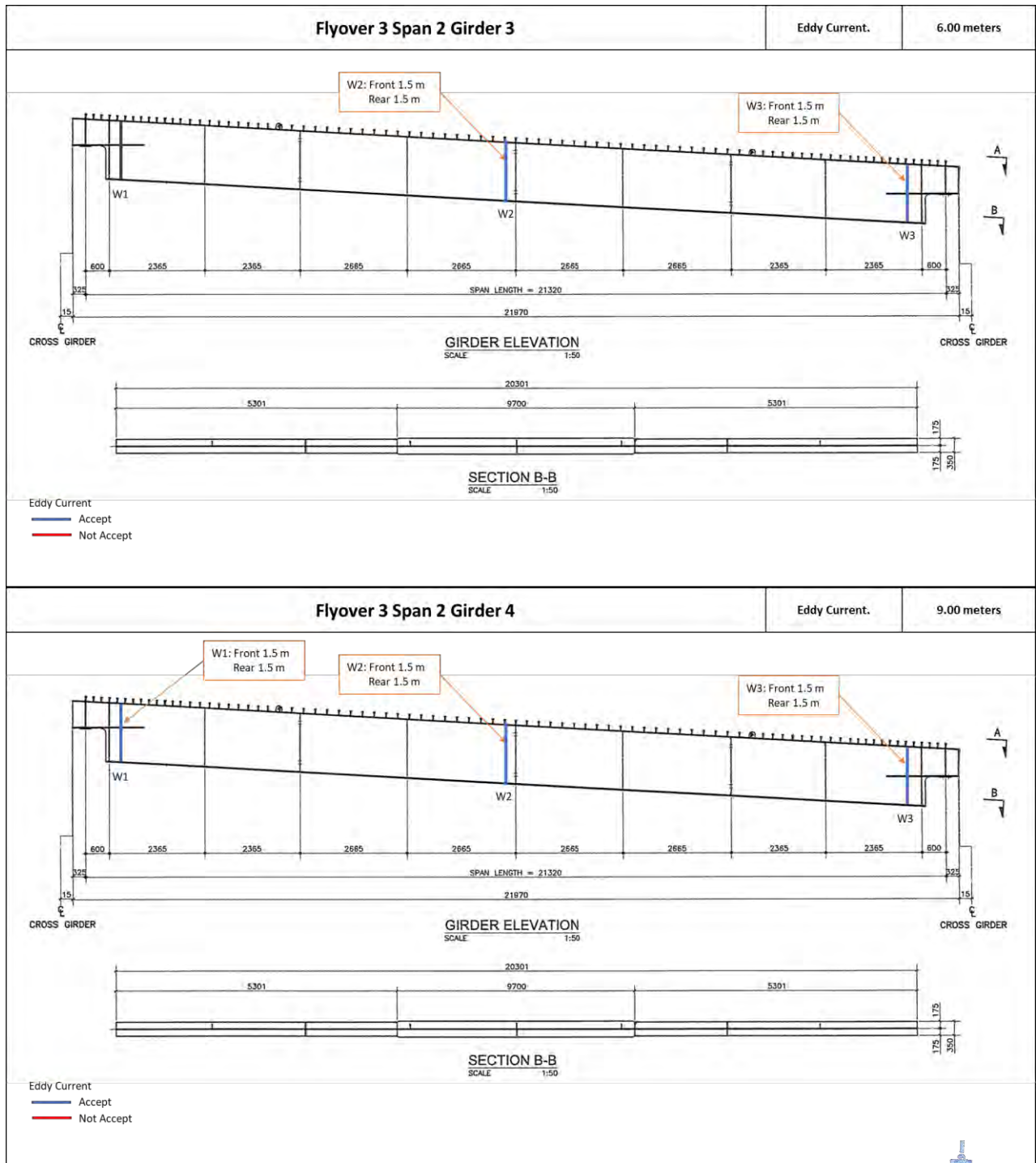
Ladprao Bridge Flyover No.3

Extent

Span 2 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 3 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



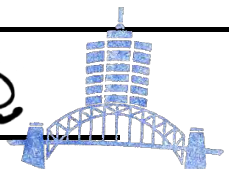
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 3 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

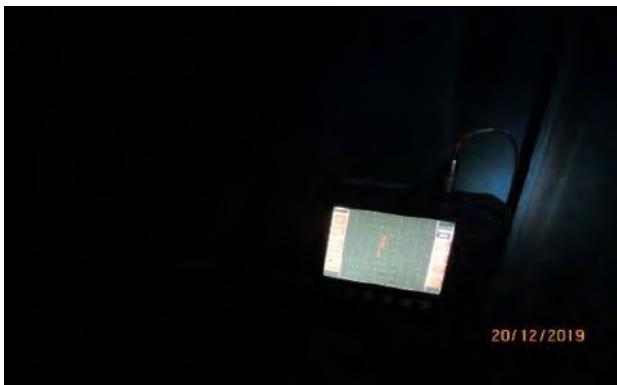
Extent

Span 3 Girder 1 - 4

Location

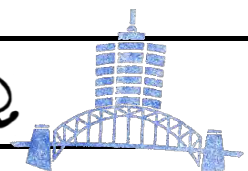
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

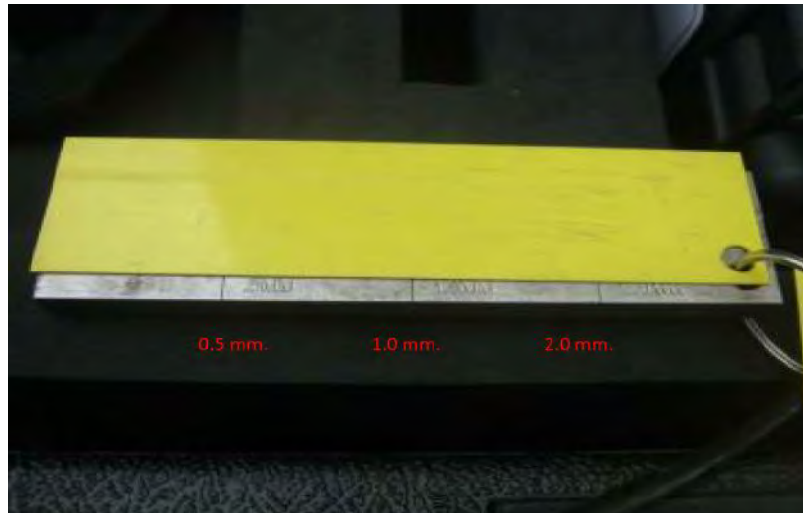
Extent

Span 3 Girder 1 - 4

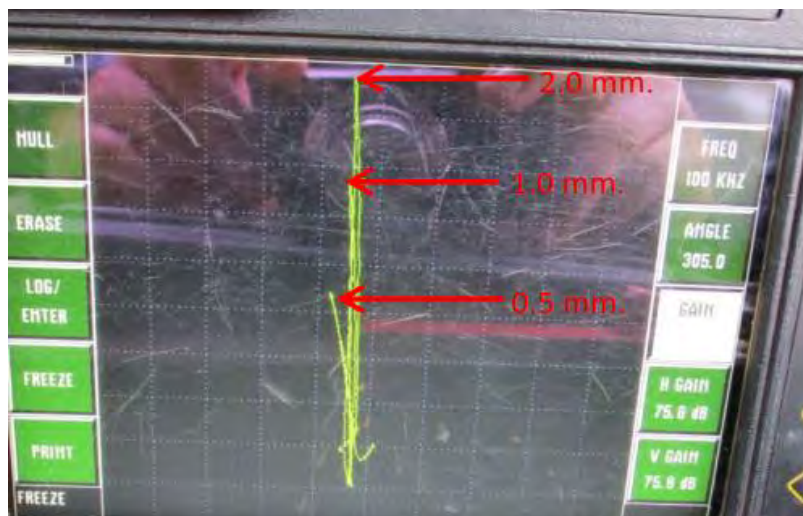
Location

Bangkok of Thailand

Inspection Comment

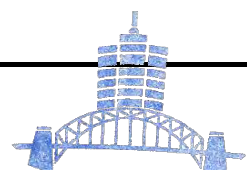


Calibration Block



Calibration Signal

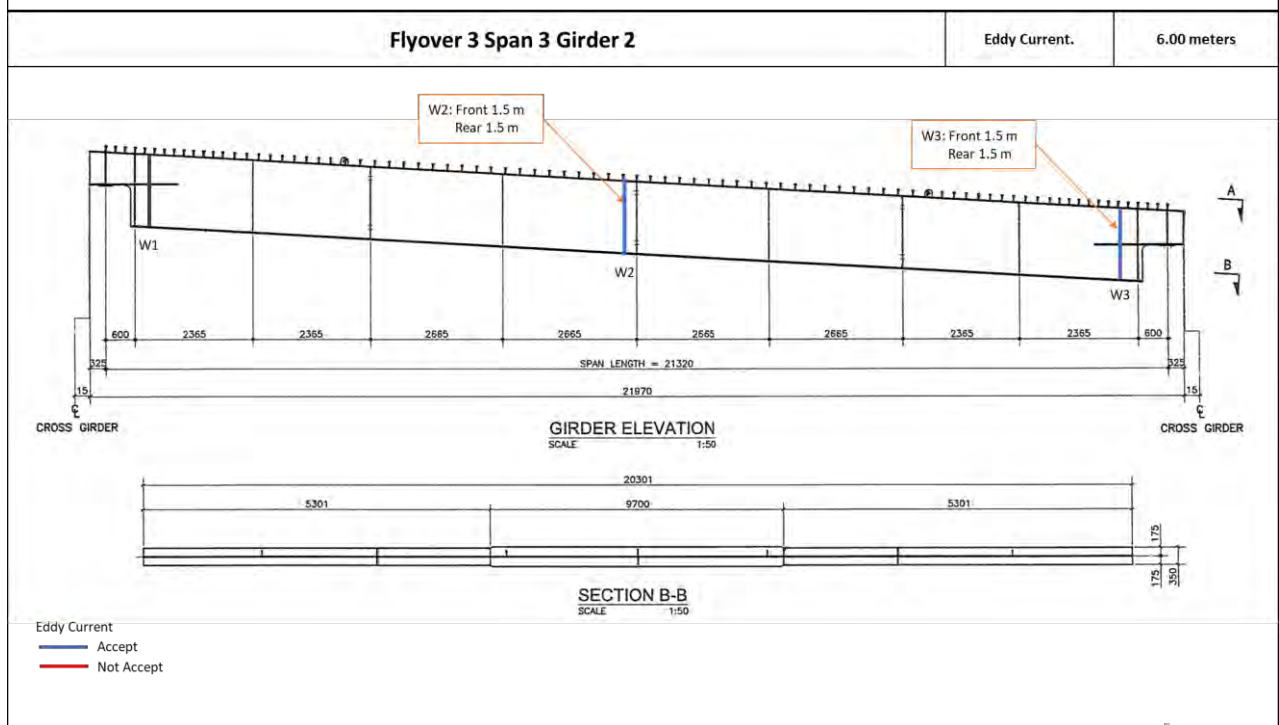
Approved by



Mr. Teerapoj Warachij

20/12/2019

Bangkok of Thailand



EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

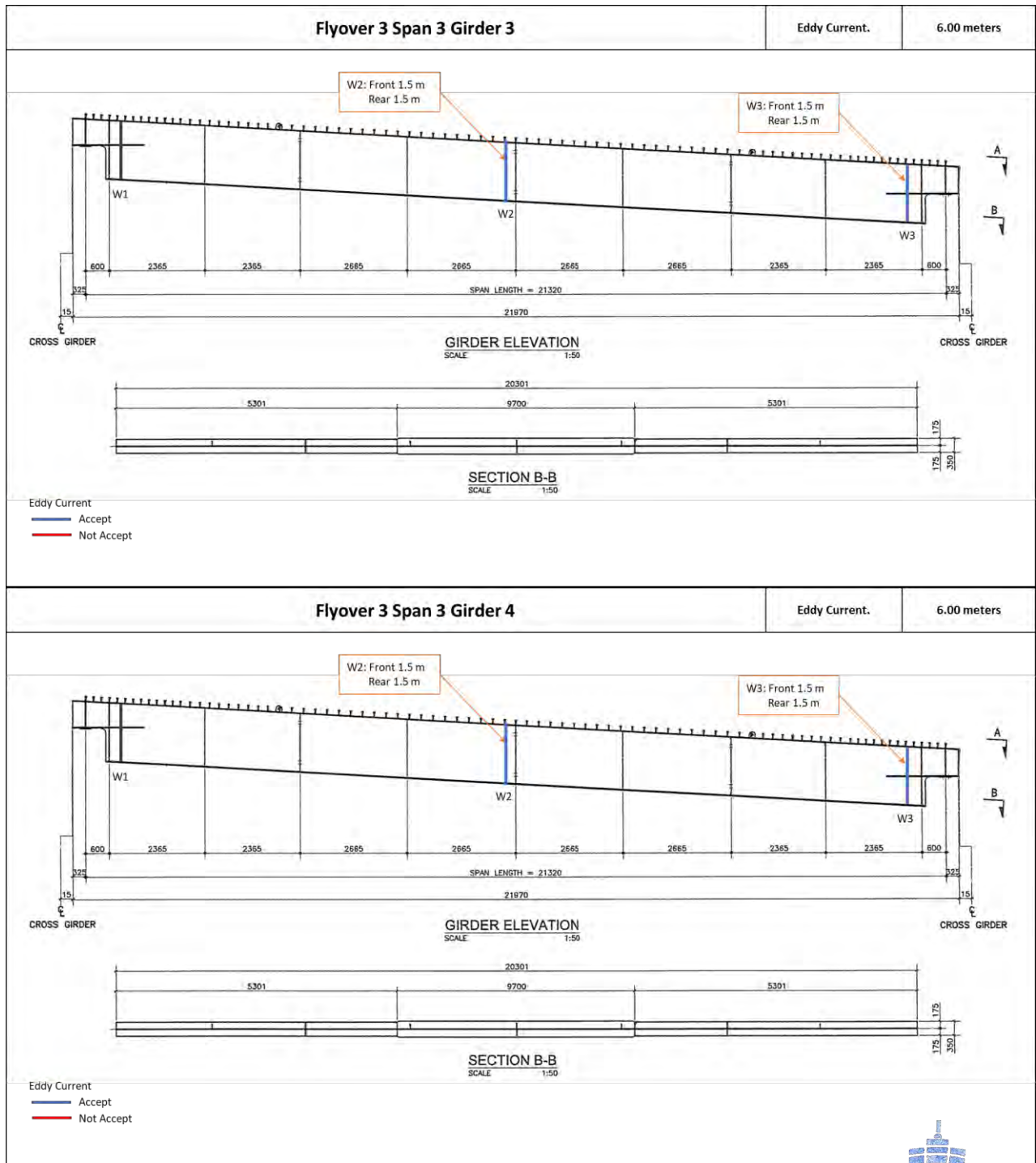
Ladprao Bridge Flyover No.3

Extent

Span 3 Girder 1 - 4

Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 4 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 4 Girder 1 - 4

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

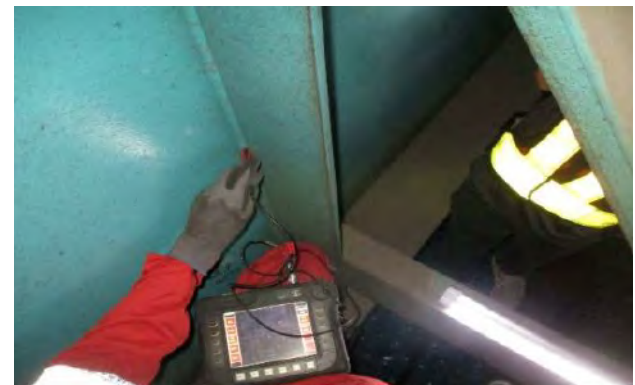
Extent

Span 4 Girder 1 - 4

Location

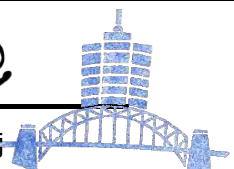
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

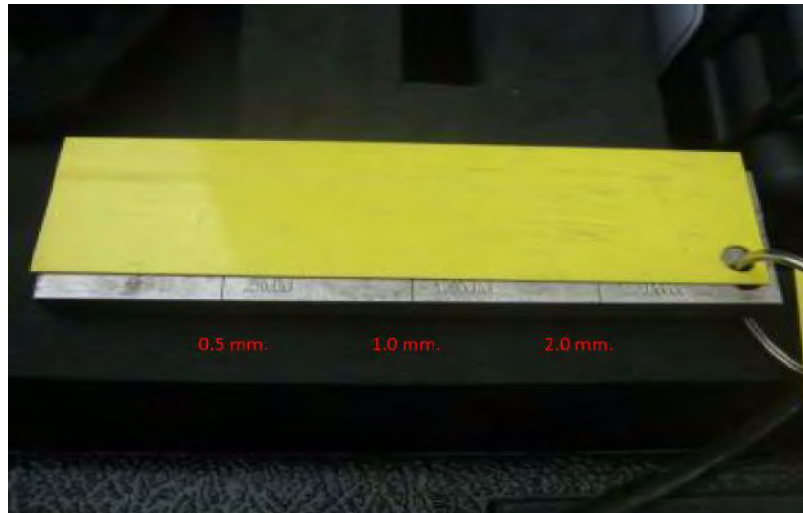
Extent

Span 4 Girder 1 - 4

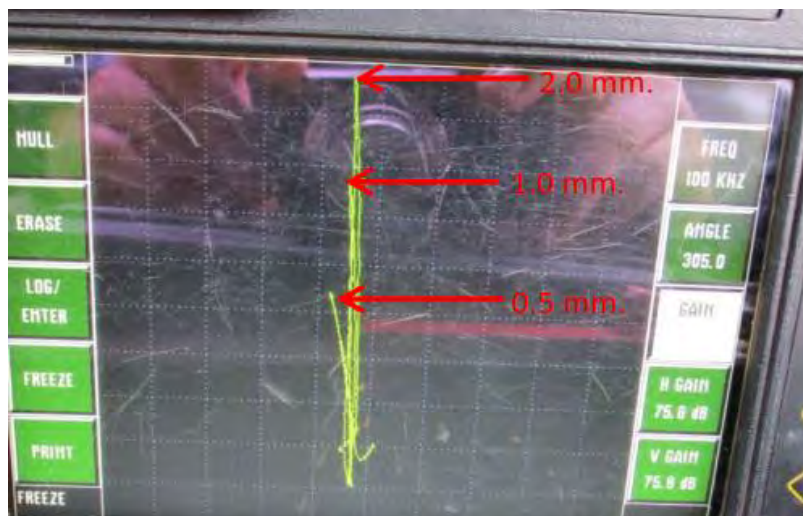
Location

Bangkok of Thailand

Inspection Comment



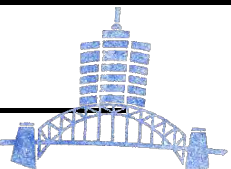
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 4 Girder 1 - 4

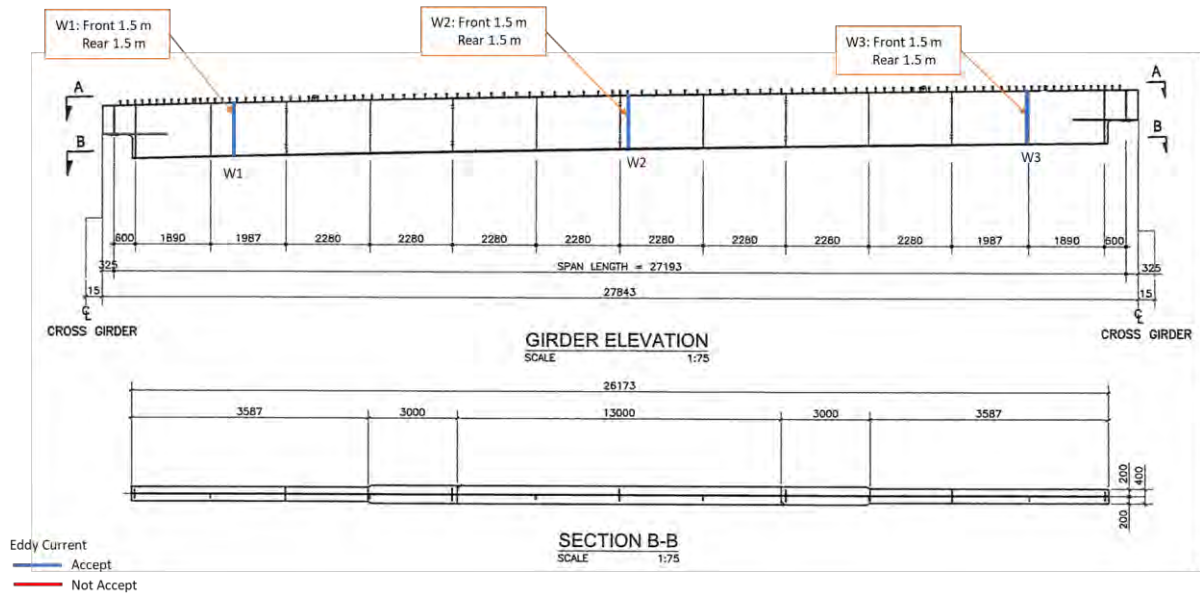
Location

Bangkok of Thailand

Flyover 3 Span 4 Girder 1

Eddy Current.

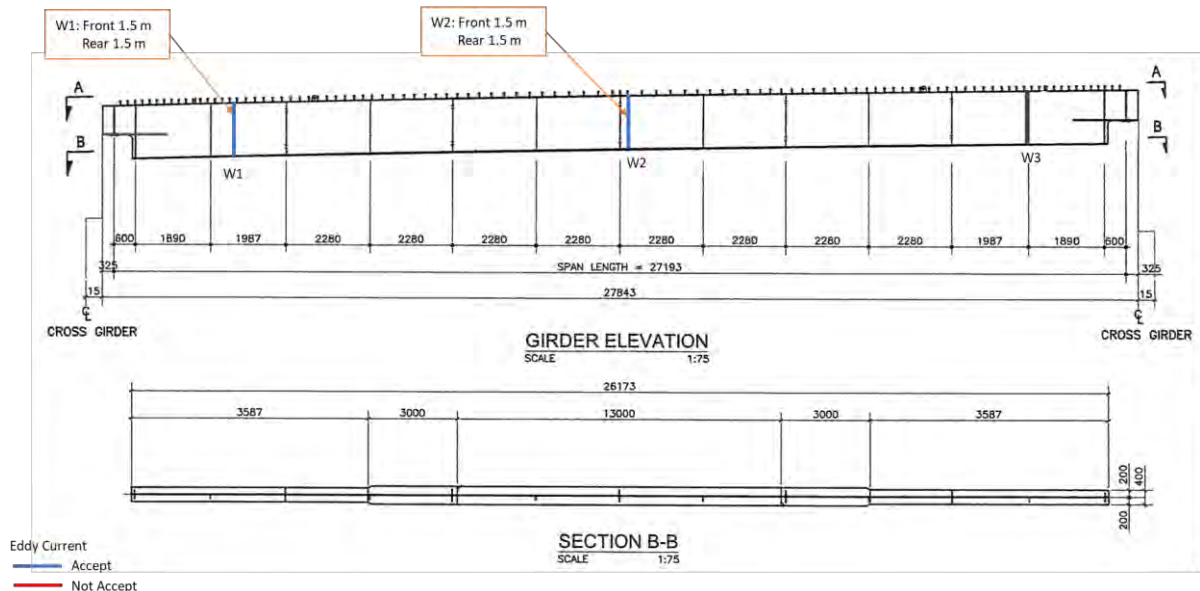
9.00 meters



Flyover 3 Span 4 Girder 2

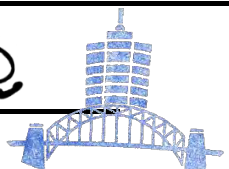
Eddy Current.

6.00 meters



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

20/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 4 Girder 1 - 4

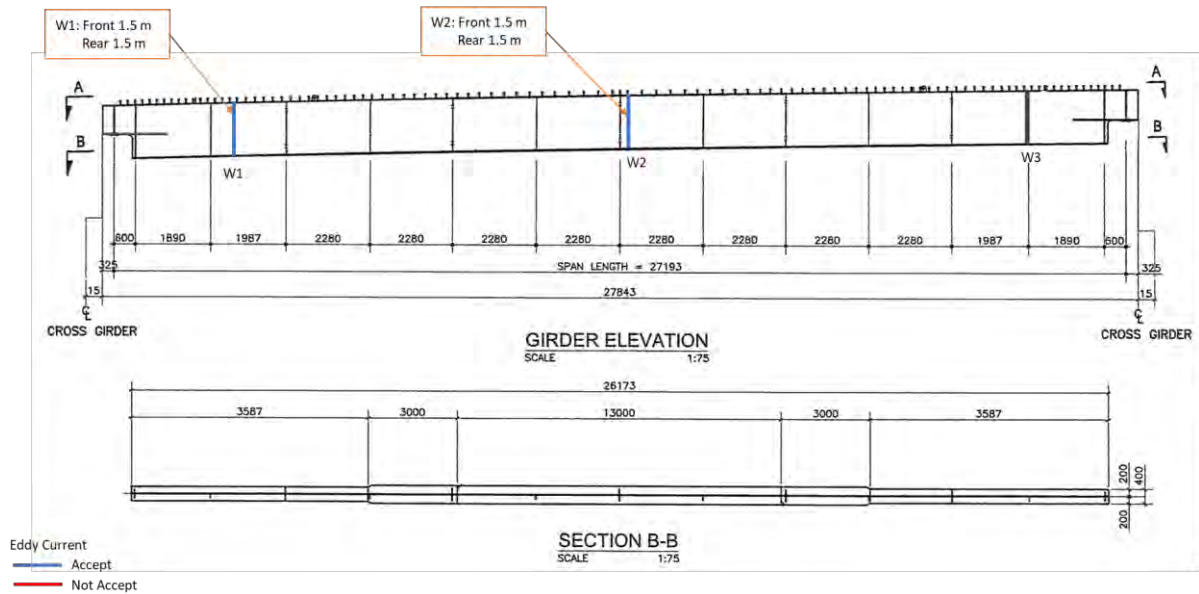
Location

Bangkok of Thailand

Flyover 3 Span 4 Girder 3

Eddy Current.

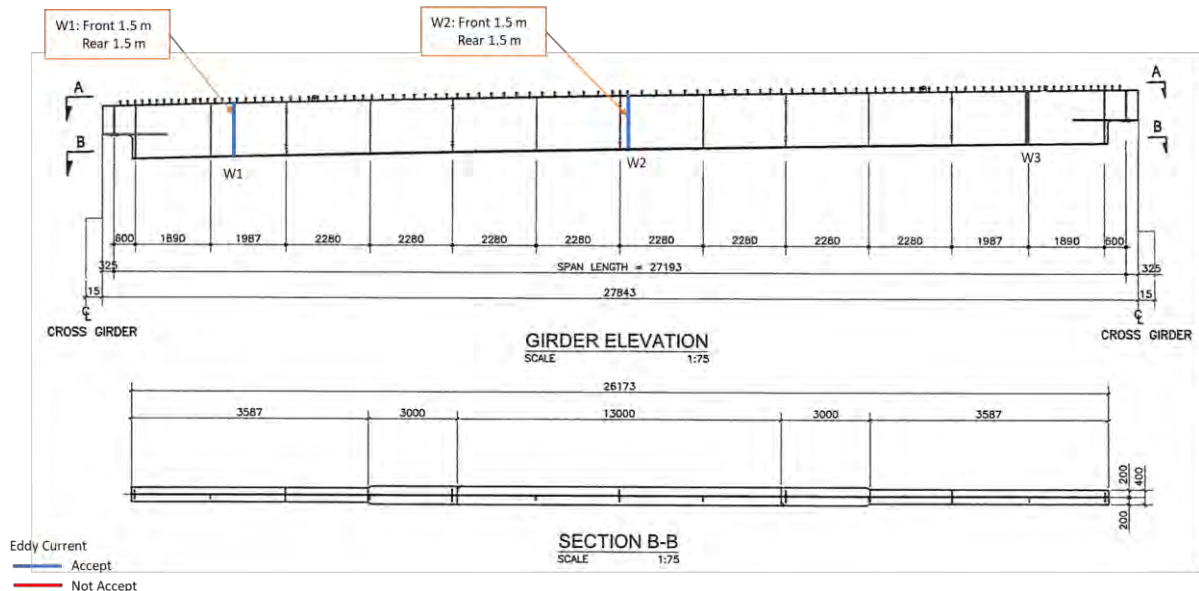
6.00 meters



Flyover 3 Span 4 Girder 4

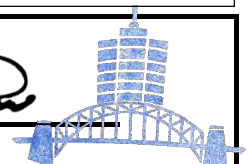
Eddy Current.

6.00 meters



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 5 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

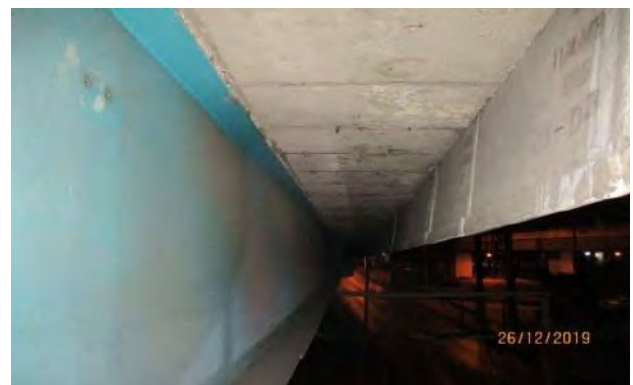
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

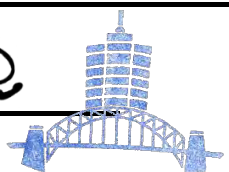


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 5 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

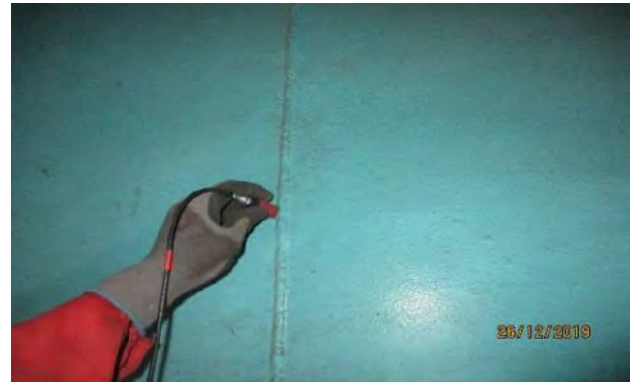
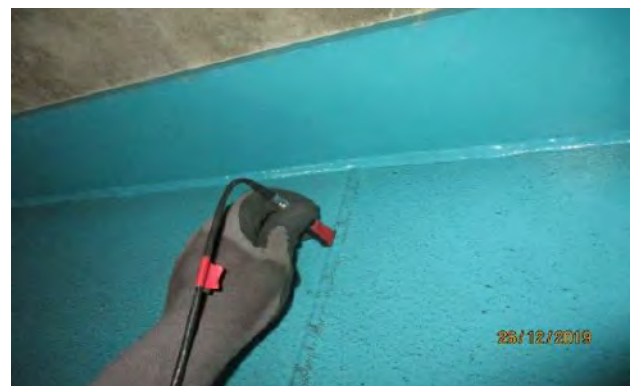
Extent

Span 5 Girder 1 - 4

Location

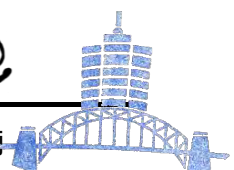
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

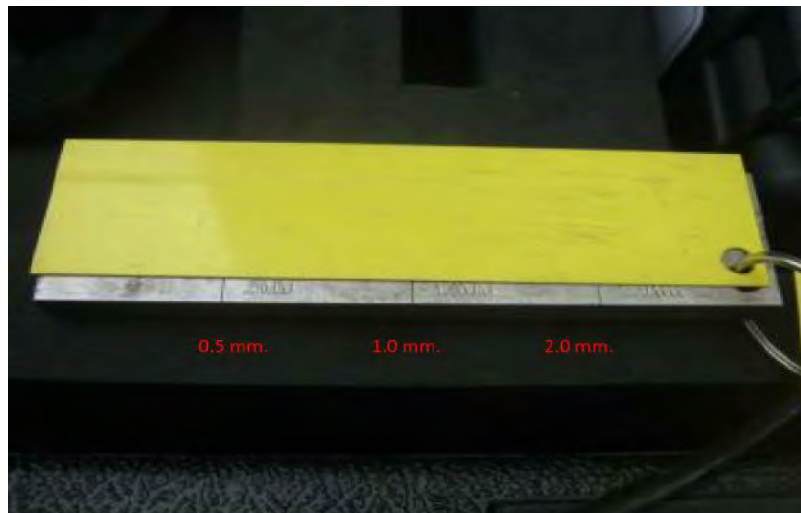
Extent

Span 5 Girder 1 - 4

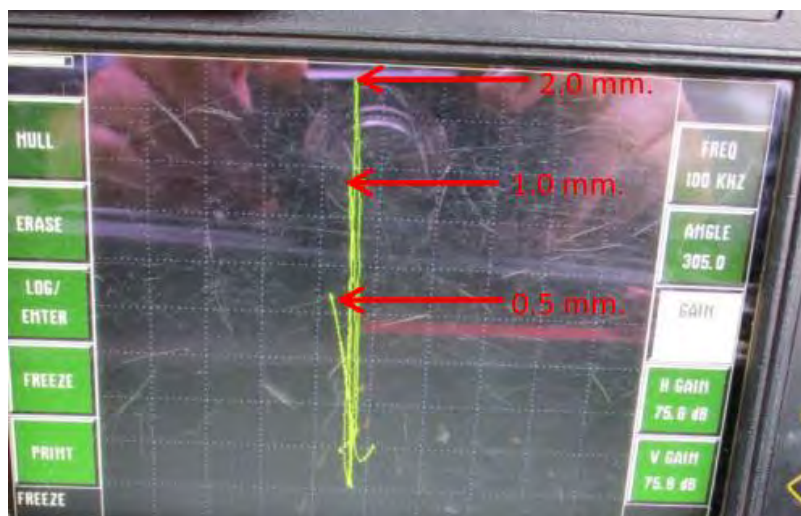
Location

Bangkok of Thailand

Inspection Comment



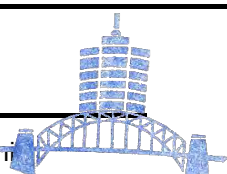
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachit



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 5 Girder 1 - 4

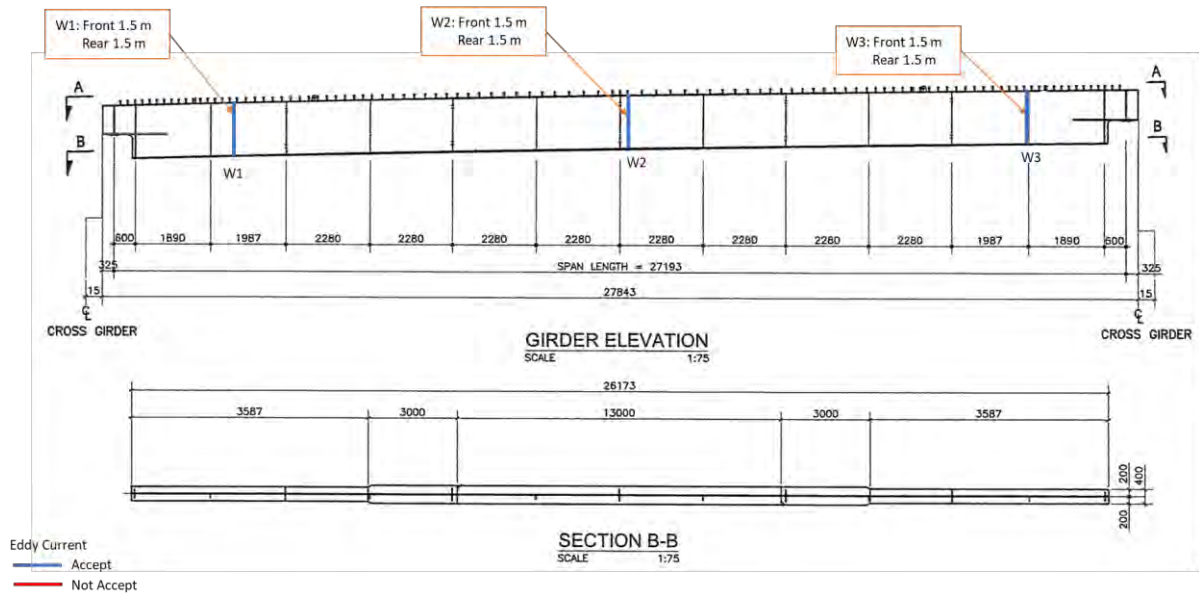
Location

Bangkok of Thailand

Flyover 3 Span 5 Girder 1

Eddy Current.

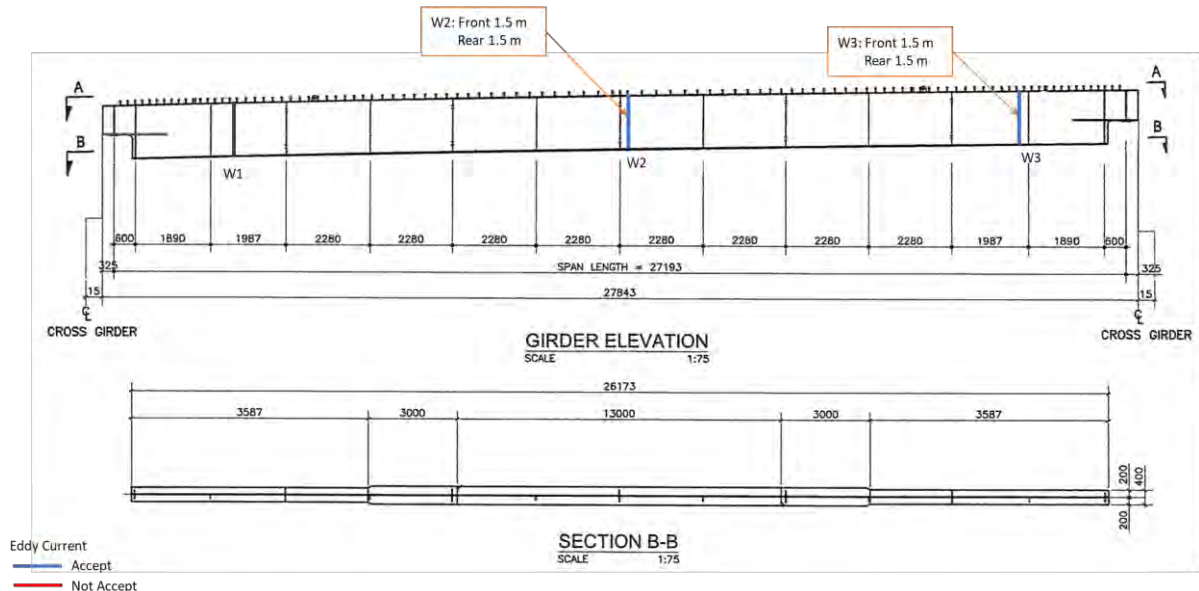
9.00 meters



Flyover 3 Span 5 Girder 2

Eddy Current.

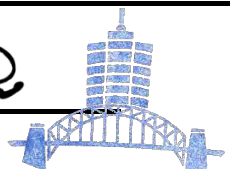
6.00 meters



Approved by

Mr. Teerapoj Warachij

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 5 Girder 1 - 4

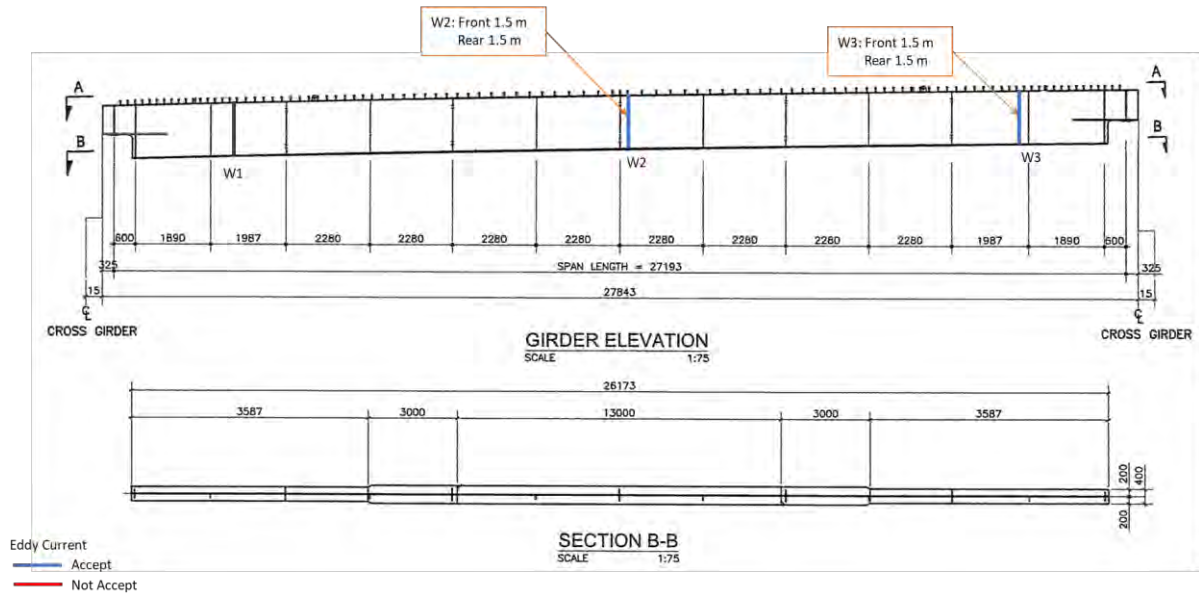
Location

Bangkok of Thailand

Flyover 3 Span 5 Girder 3

Eddy Current.

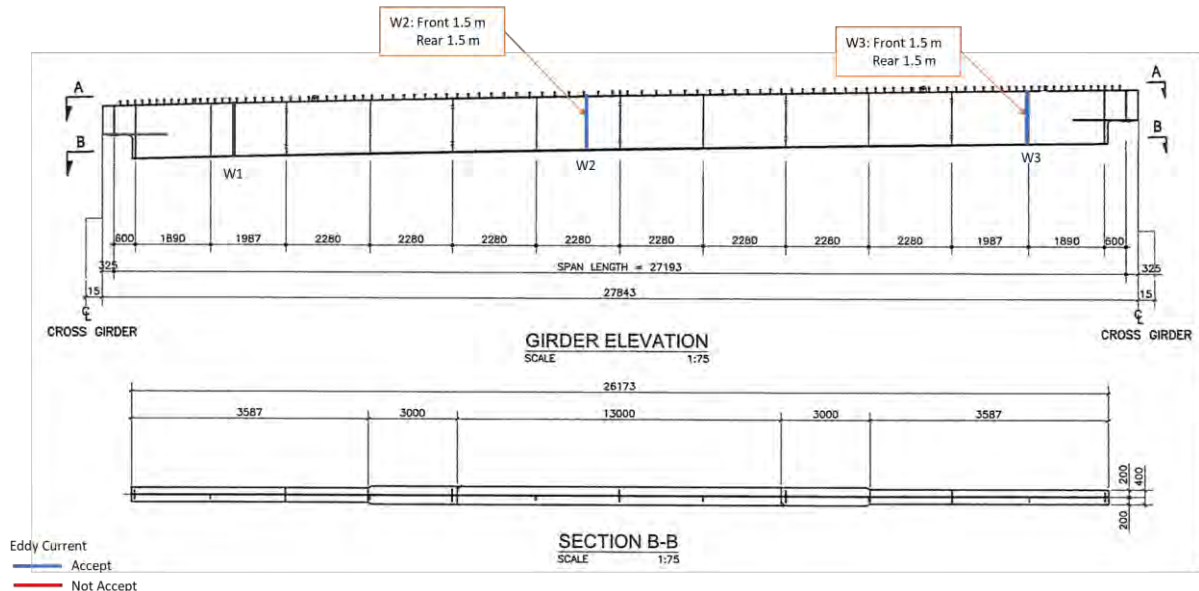
6.00 meters



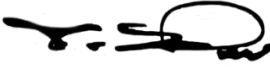
Flyover 3 Span 5 Girder 4

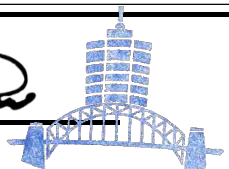
Eddy Current.

6.00 meters



Approved by


Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 6 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

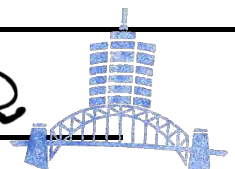


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 6 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 6 Girder 1 - 4

Location

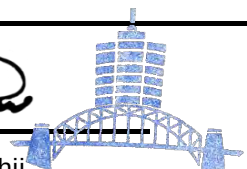
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

Ladprao Bridge Flyover No.3

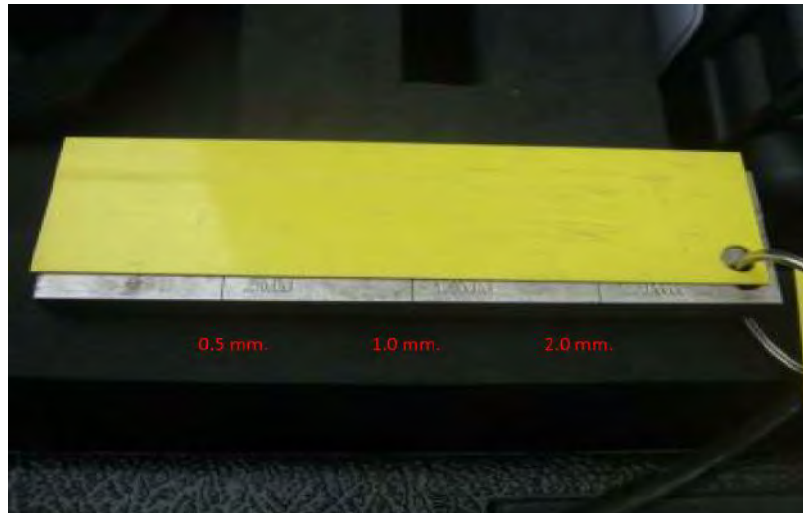
Extent

Span 6 Girder 1 - 4

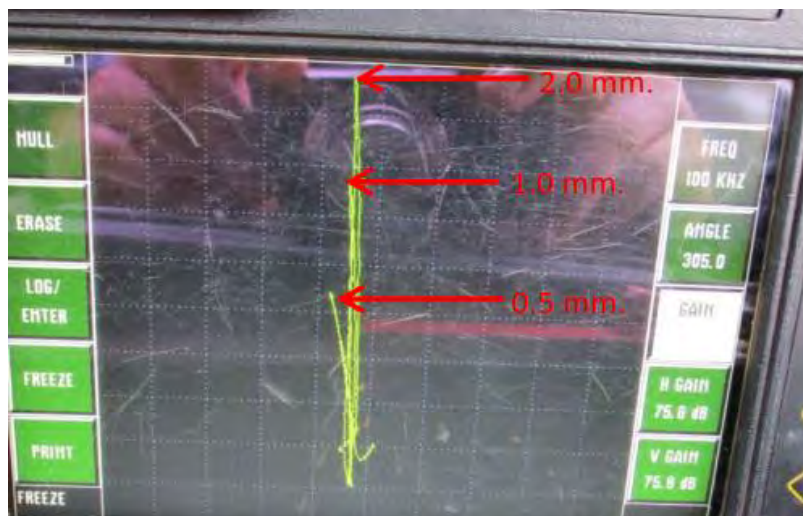
Location

Bangkok of Thailand

Inspection Comment



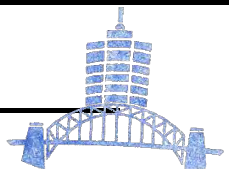
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

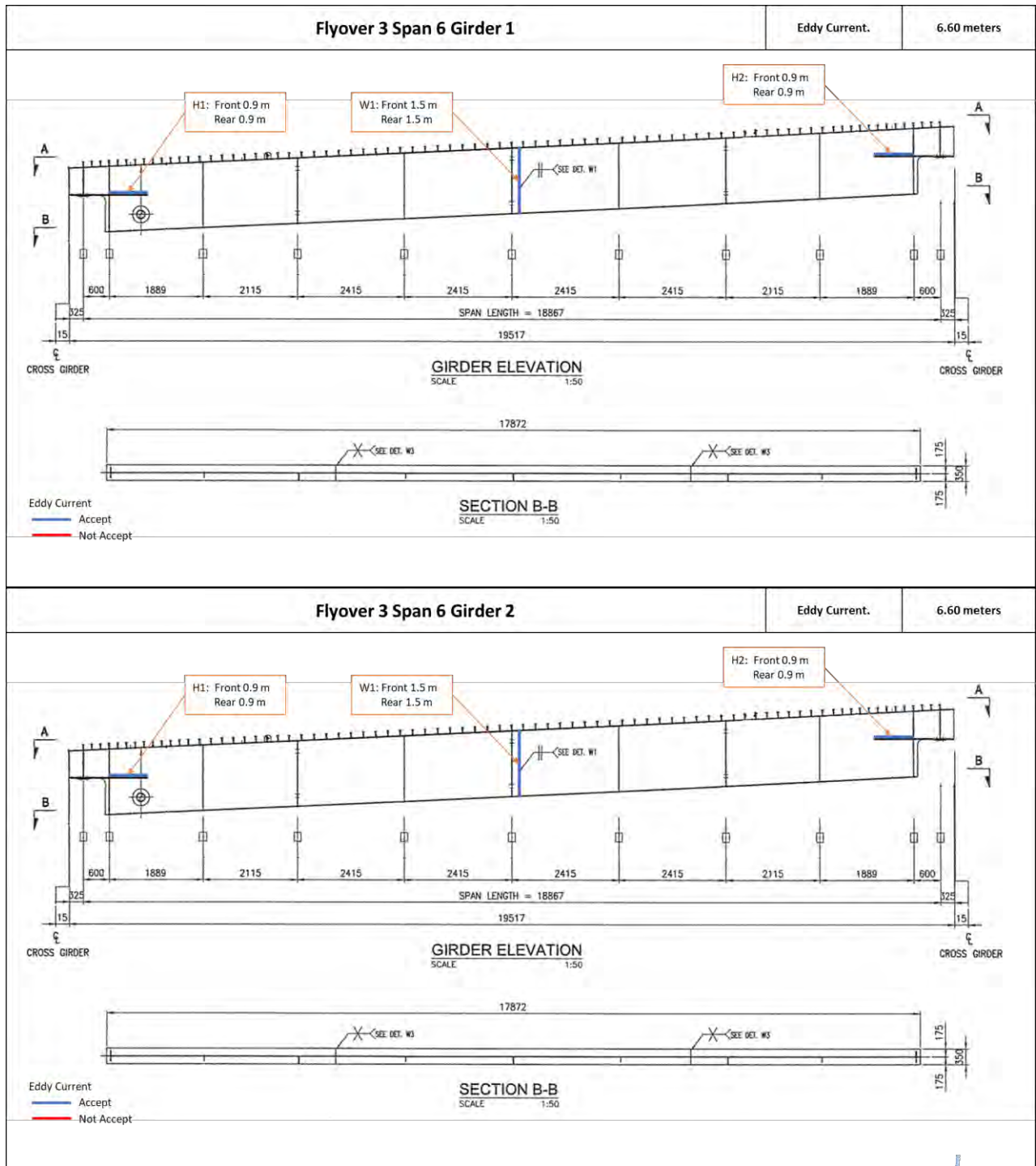
Ladprao Bridge Flyover No.3

Extent

Span 6 Girder 1 - 4

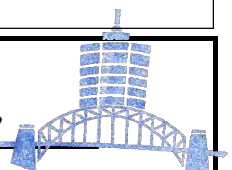
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

26/12/2019

Inspection of

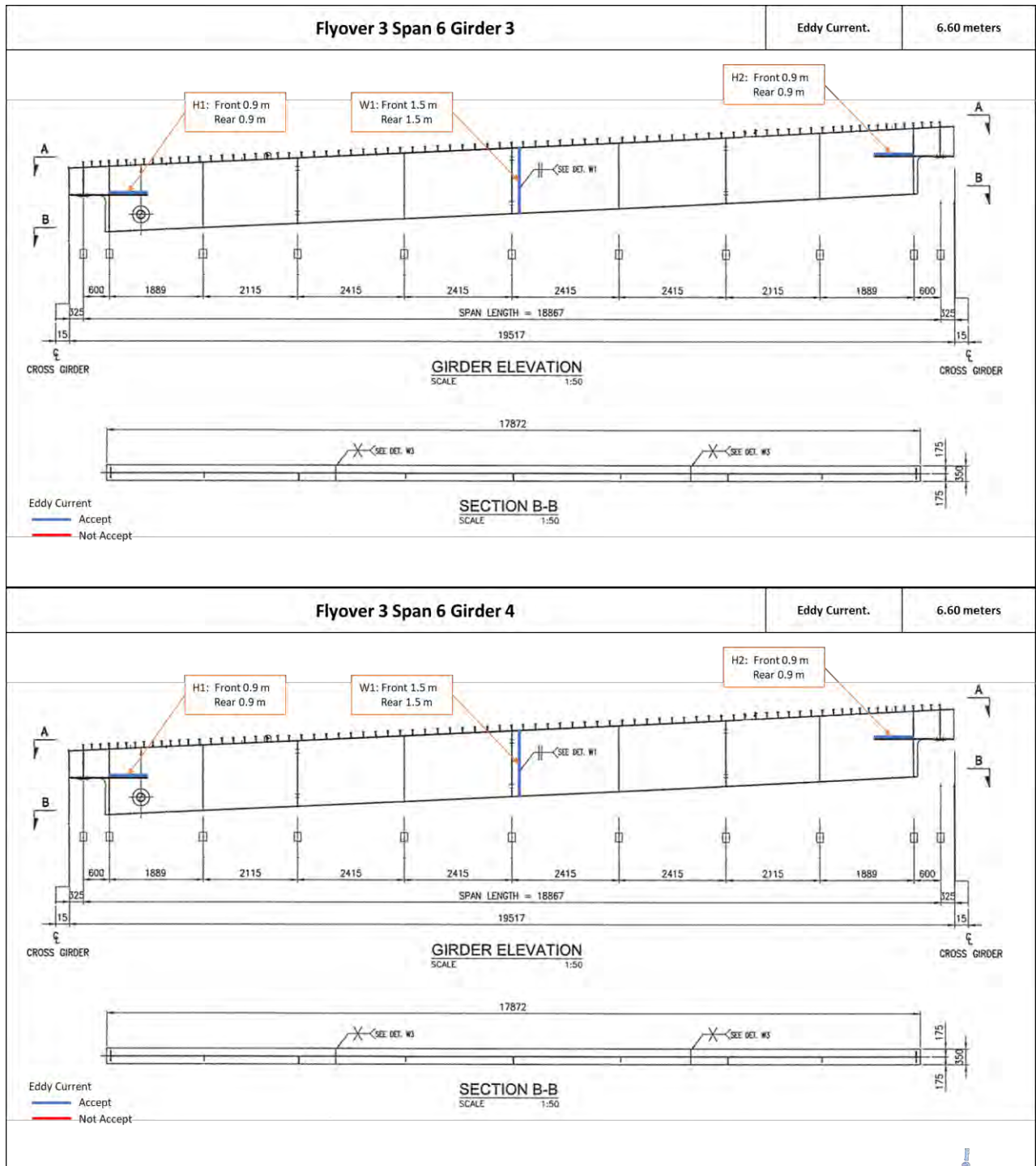
Ladprao Bridge Flyover No.3

Extent

Span 6 Girder 1 - 4

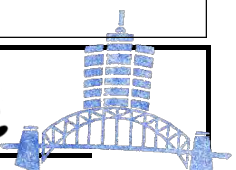
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 7 Girder 1 - 5

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μm .

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment



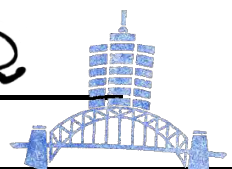
Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 7 Girder 1 - 5

The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

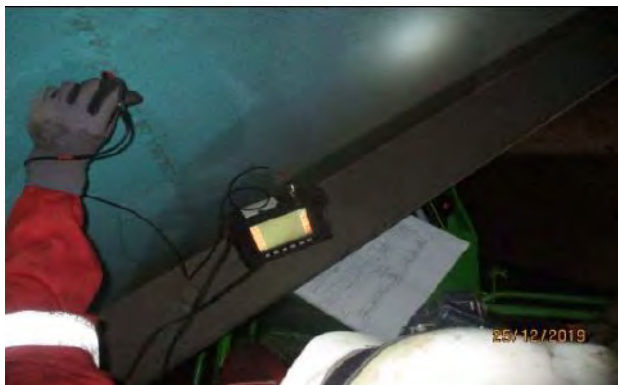
Extent

Span 7 Girder 1 - 5

Location

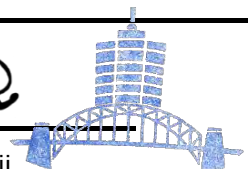
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

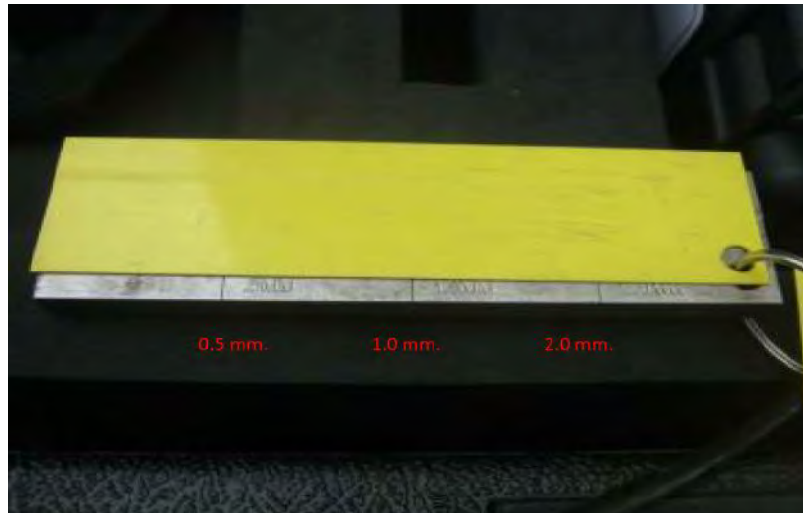
Extent

Span 7 Girder 1 - 5

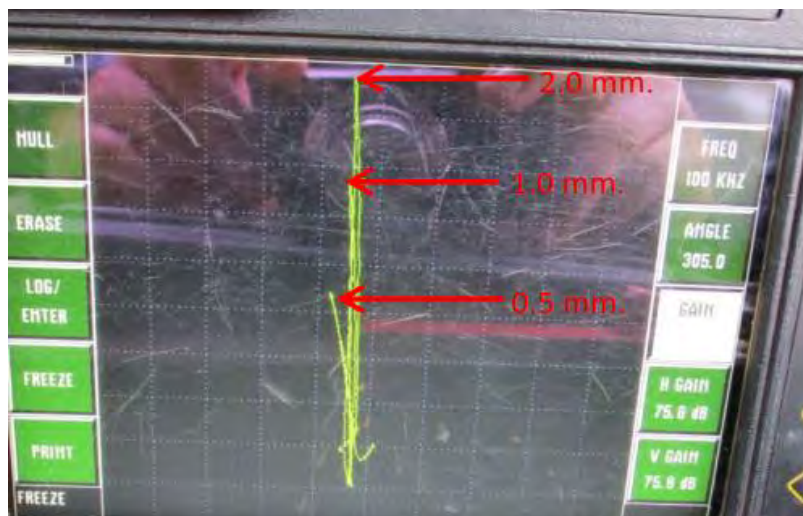
Location

Bangkok of Thailand

Inspection Comment



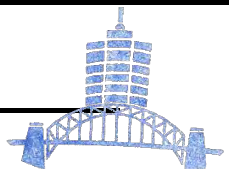
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

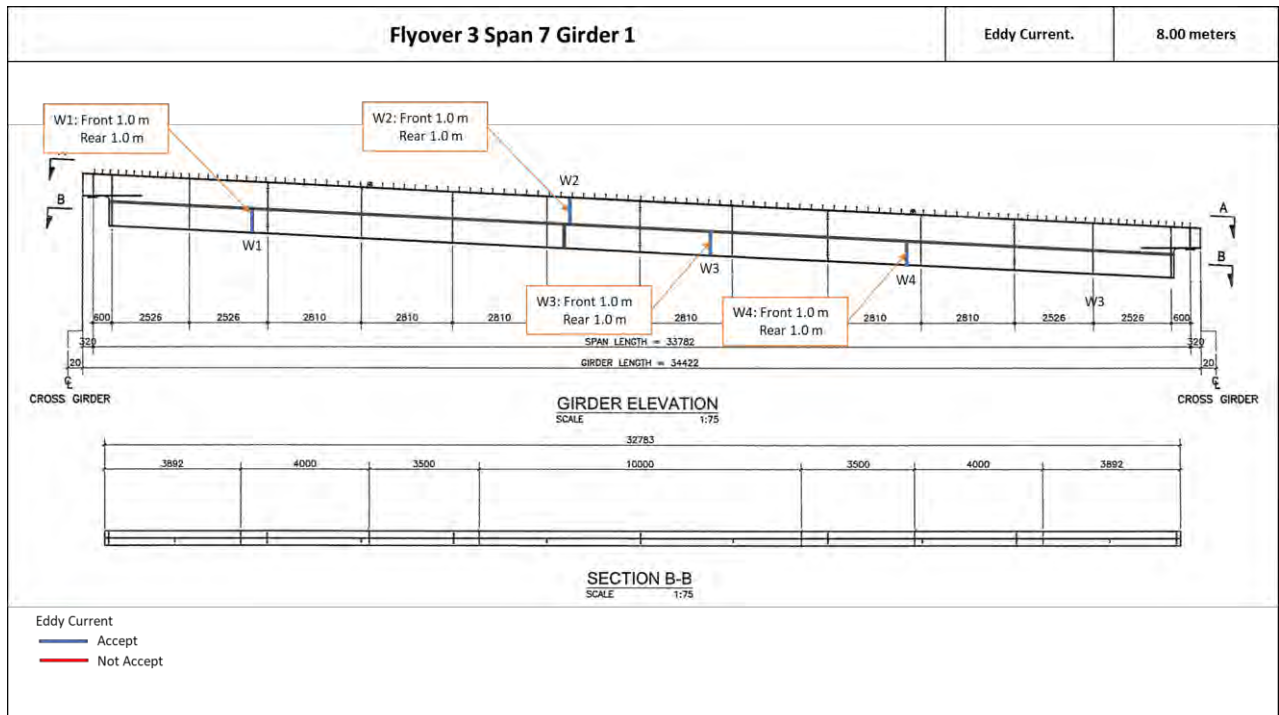
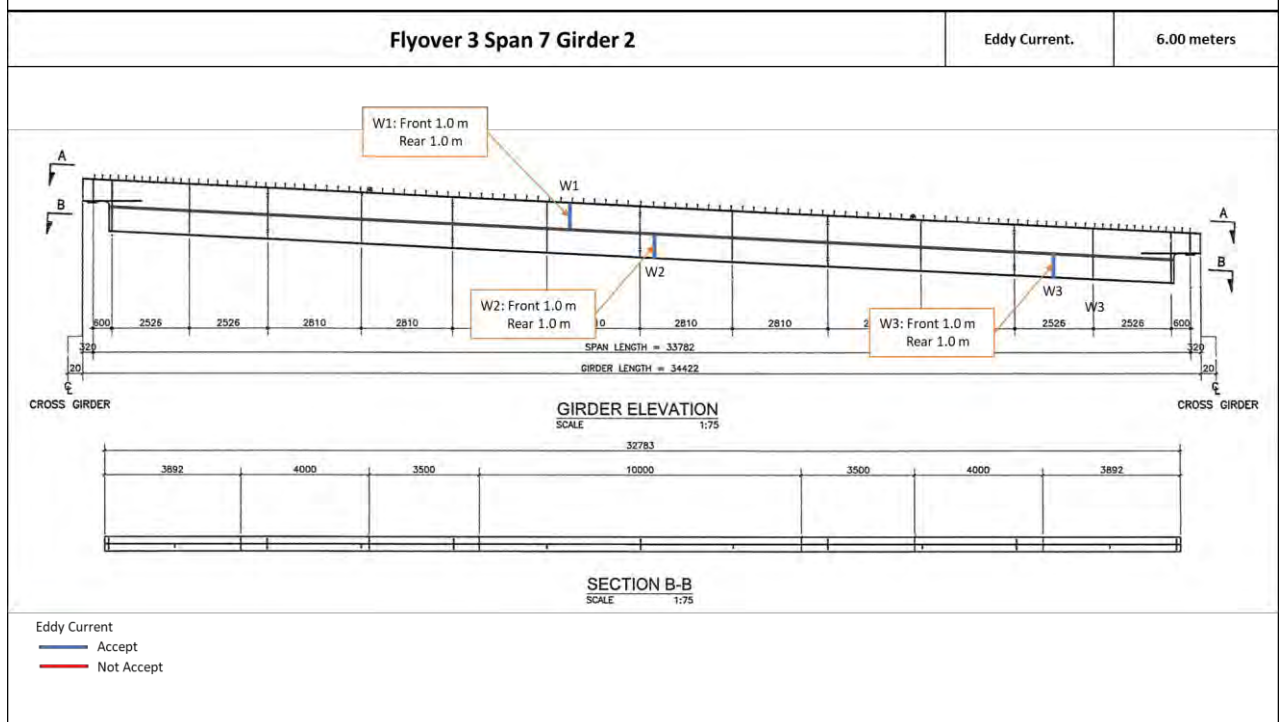
Ladprao Bridge Flyover No.3

Extent

Span 7 Girder 1 - 5

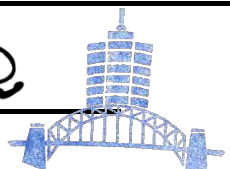
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

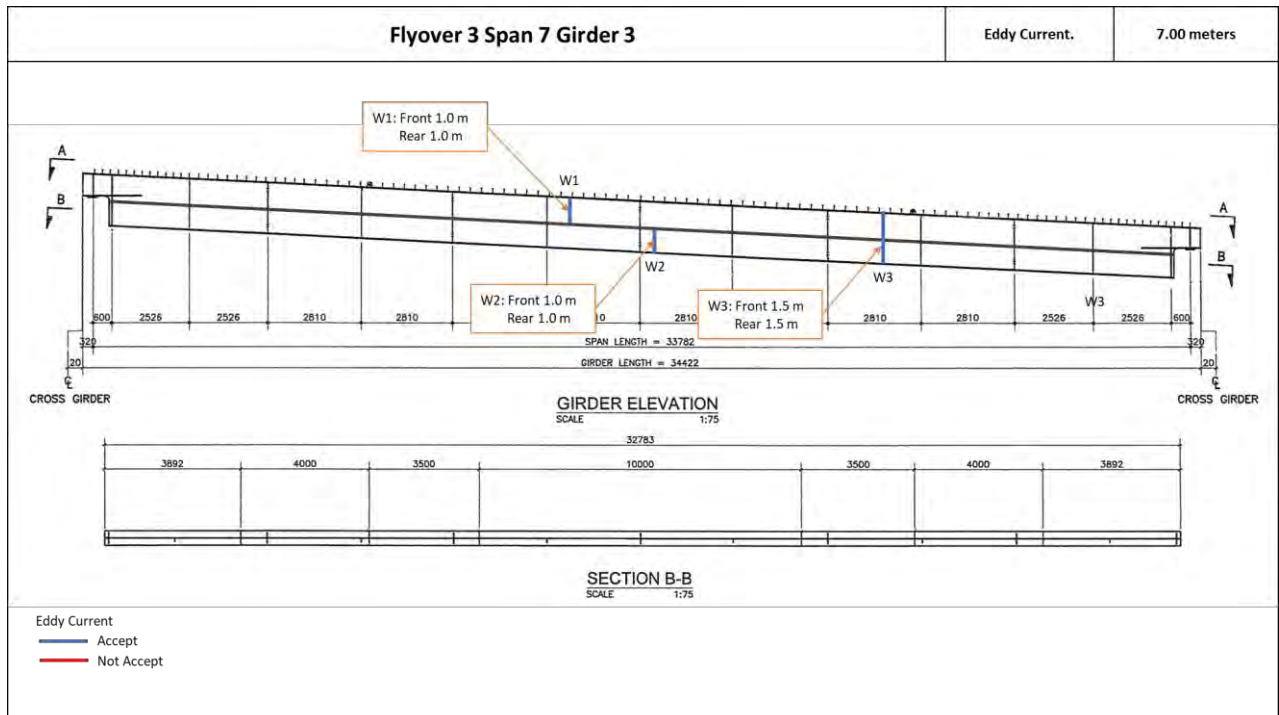
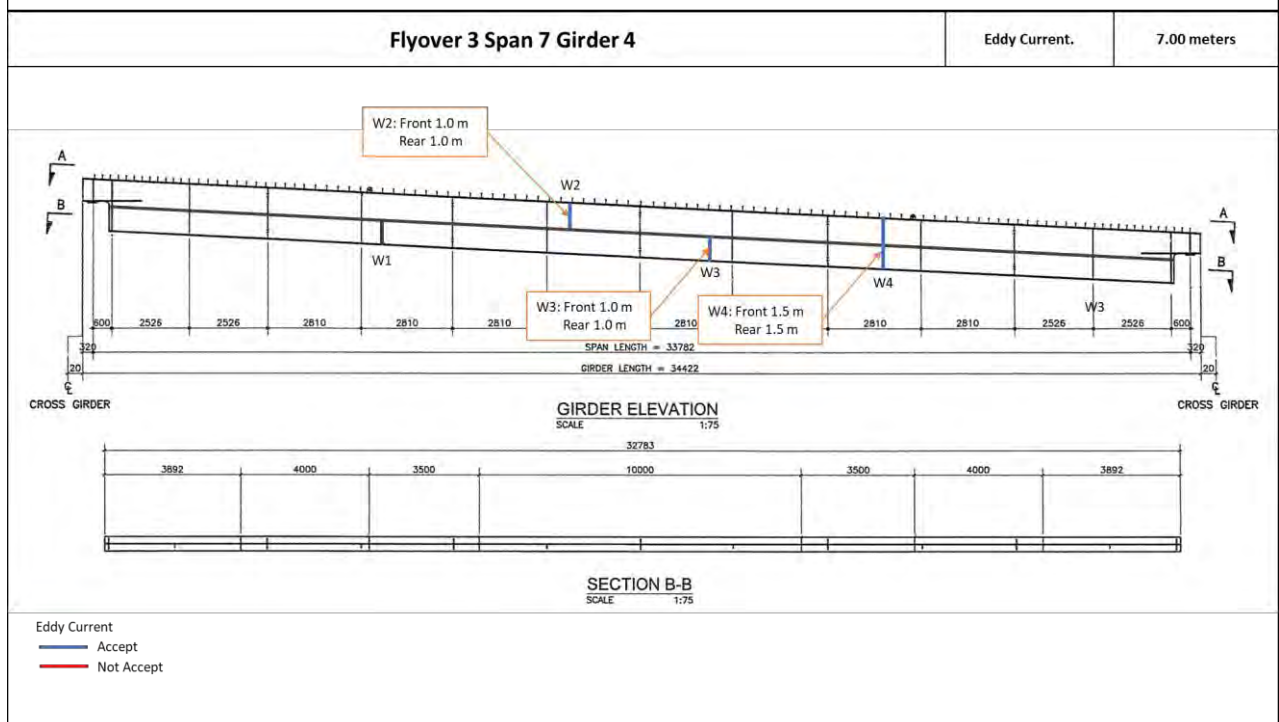
Ladprao Bridge Flyover No.3

Extent

Span 7 Girder 1 - 5

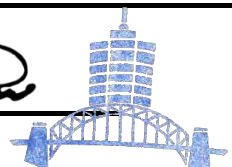
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 8 Girder 1 - 5

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Prargraph 5.7

Max paint thickness

492 μm .

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

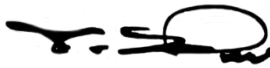
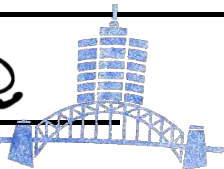
Inspection Comment



Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 8 Girder 1 - 5
The inspection result, no indication was found at the inspection time.

Approved by


Mr. Teerapoj Warachij 

EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

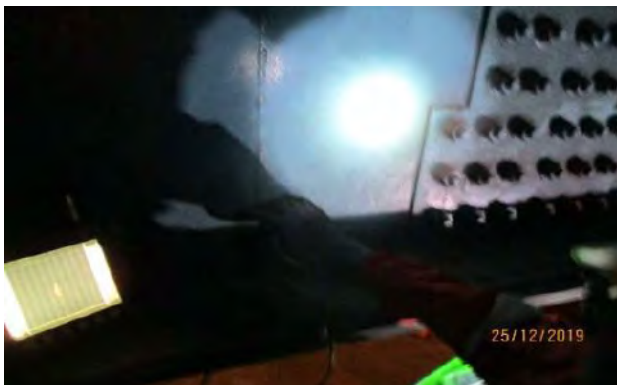
Extent

Span 8 Girder 1 - 5

Location

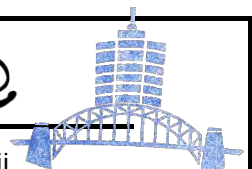
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

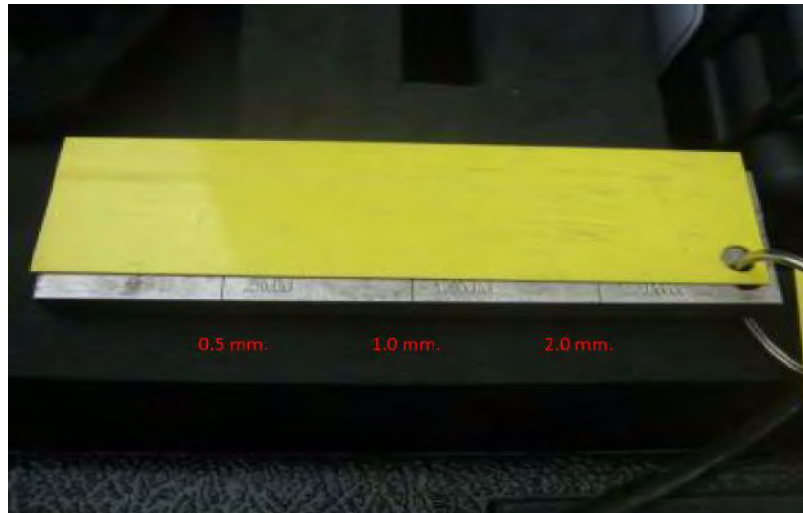
Extent

Span 8 Girder 1 - 5

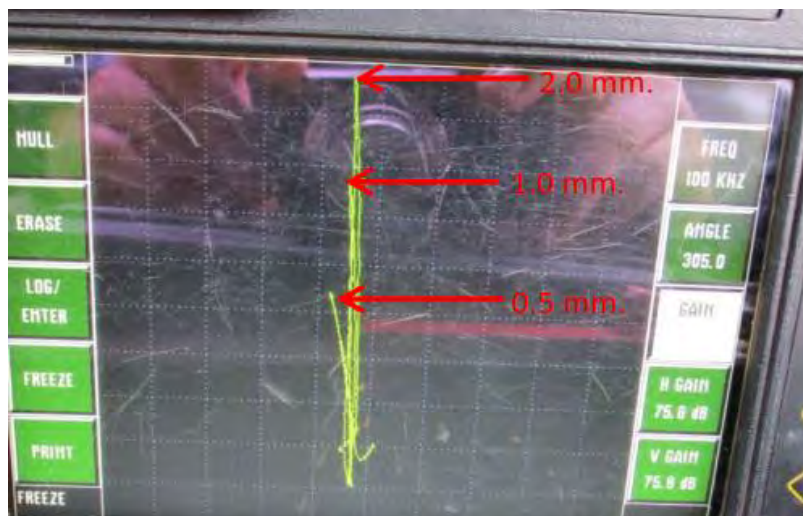
Location

Bangkok of Thailand

Inspection Comment



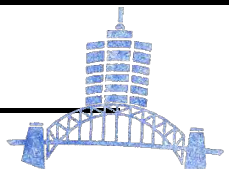
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

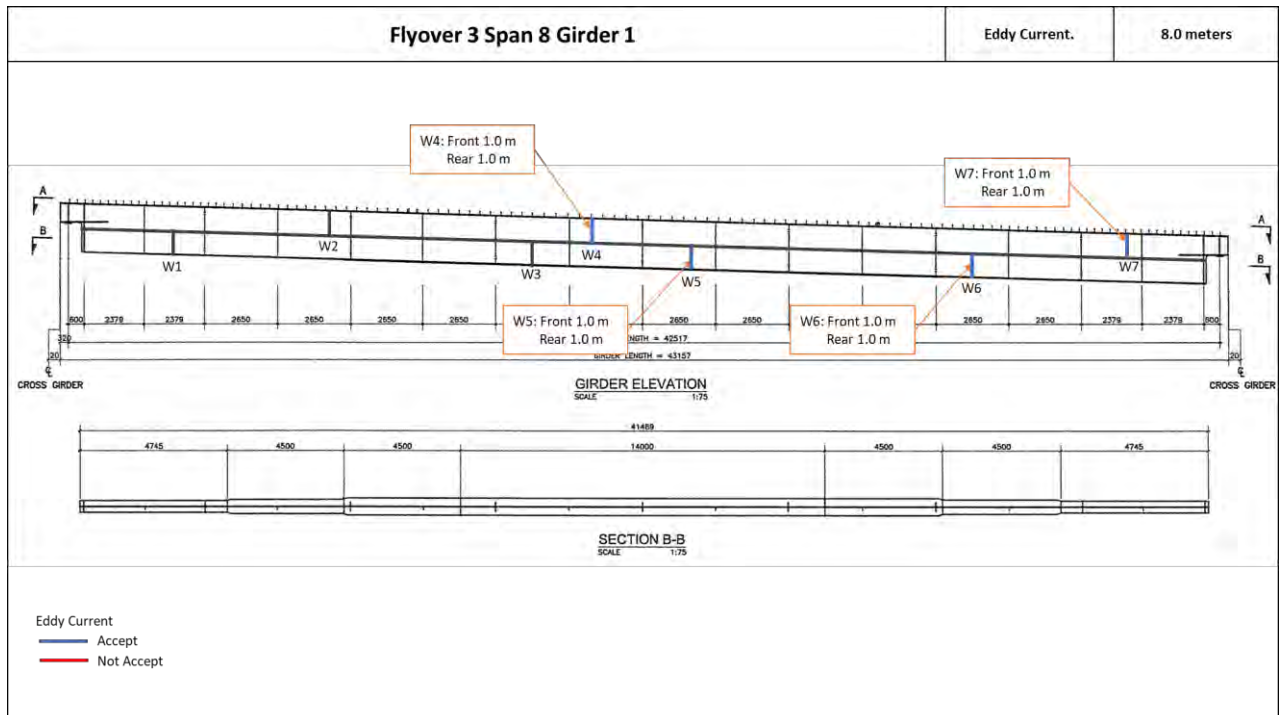
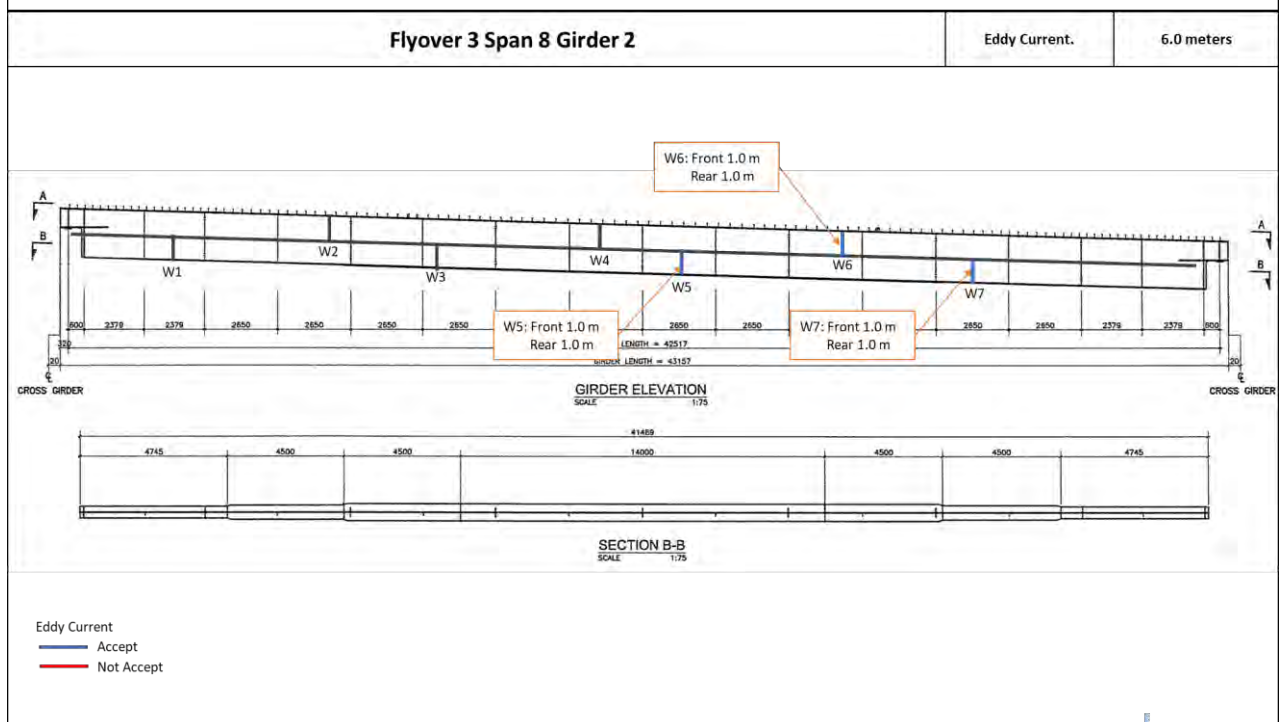
Ladprao Bridge Flyover No.3

Extent

Span 8 Girder 1 - 5

Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 8 Girder 1 - 5

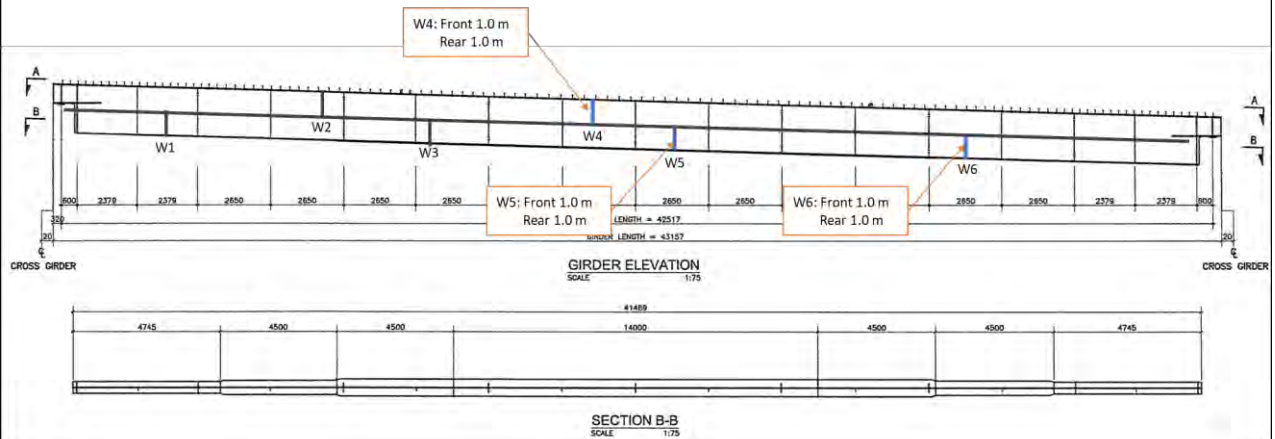
Location

Bangkok of Thailand

Flyover 3 Span 8 Girder 3

Eddy Current.

6.0 meters



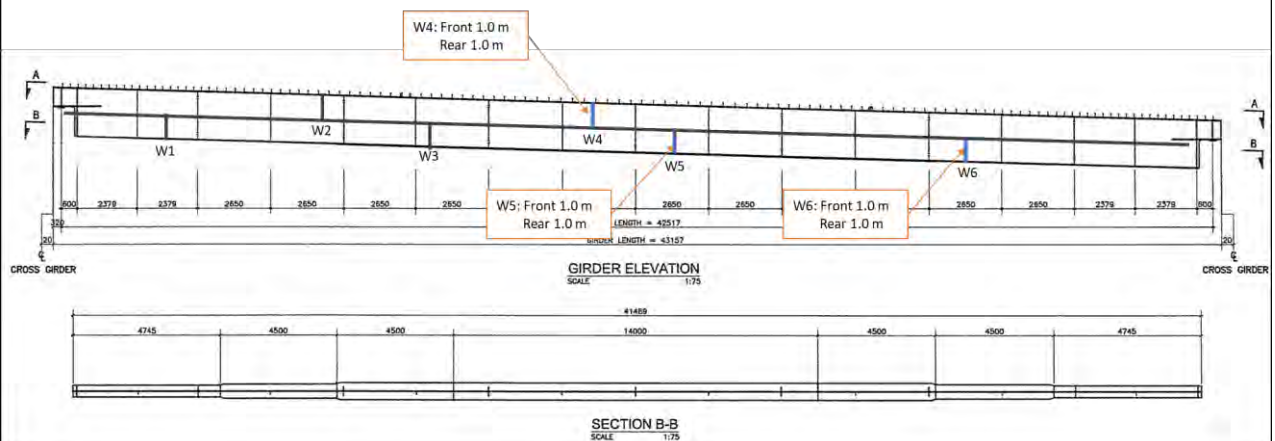
Eddy Current

Accept
Not Accept

Flyover 3 Span 8 Girder 4

Eddy Current.

6.0 meters



Eddy Current

Accept
Not Accept

Approved by

Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 9 Girder 1 - 5

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

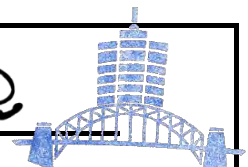


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 9 Girder 1 - 5
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 9 Girder 1 - 5

Location

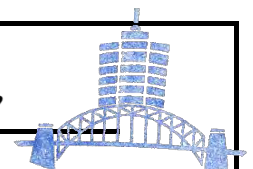
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.2

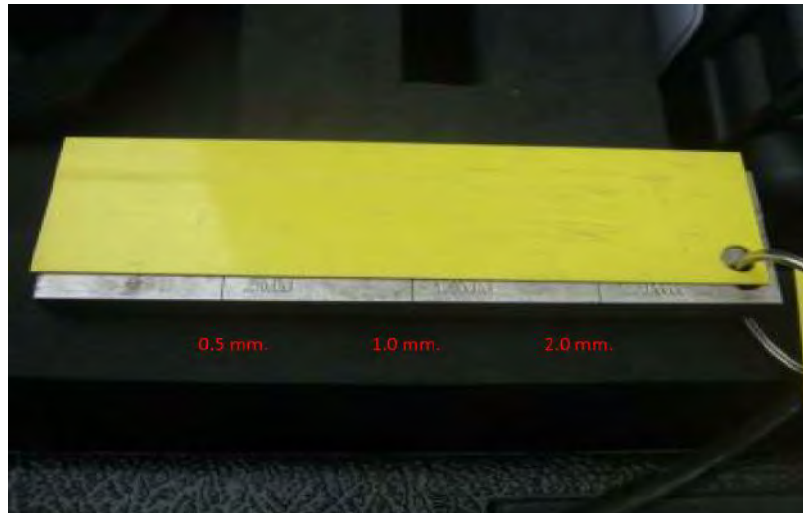
Extent

Span 9 Girder 1 - 5

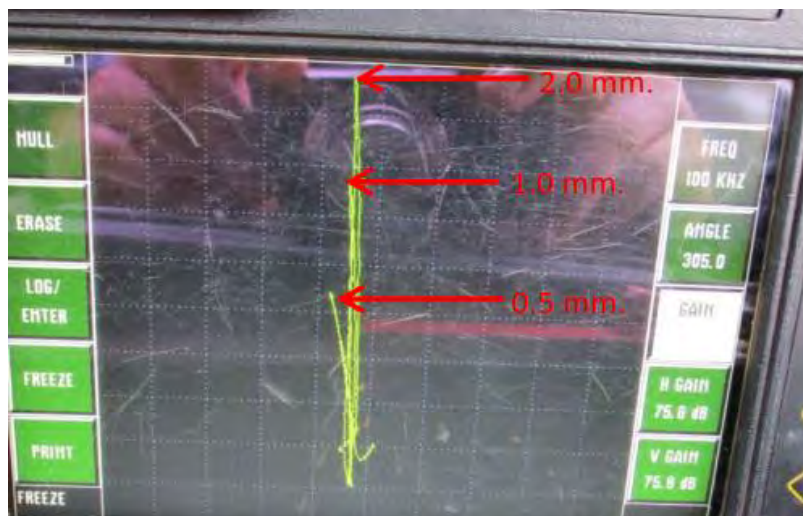
Location

Bangkok of Thailand

Inspection Comment



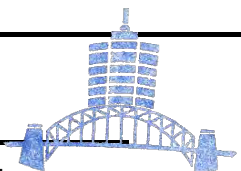
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 9 Girder 1 - 5

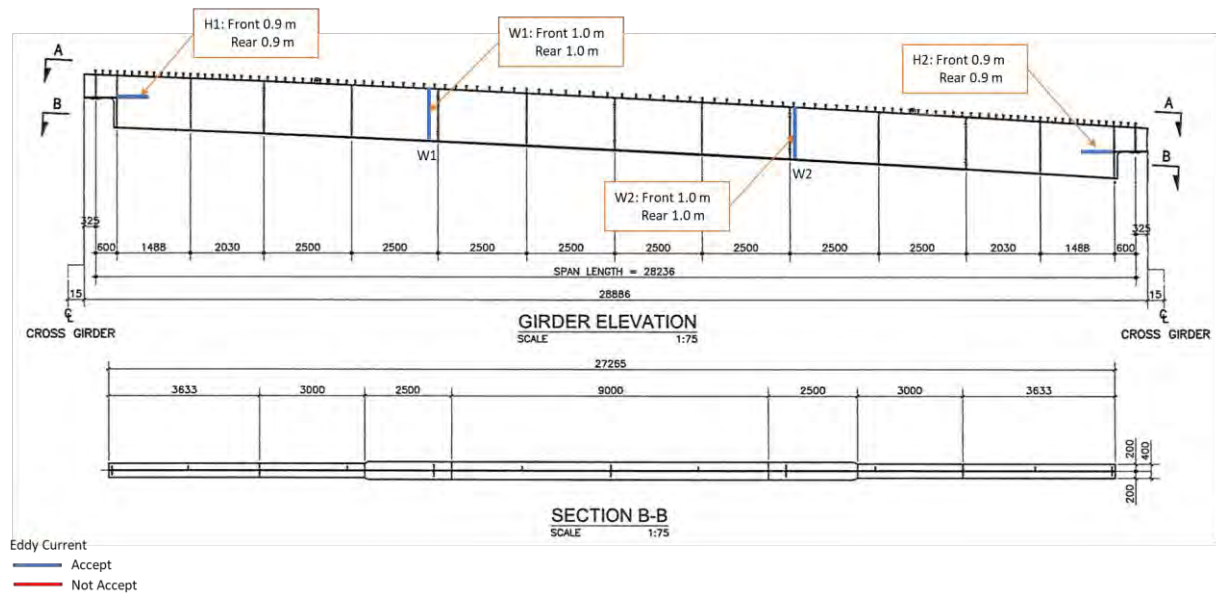
Location

Bangkok of Thailand

Flyover 2 Span 9 Girder 1

Eddy Current.

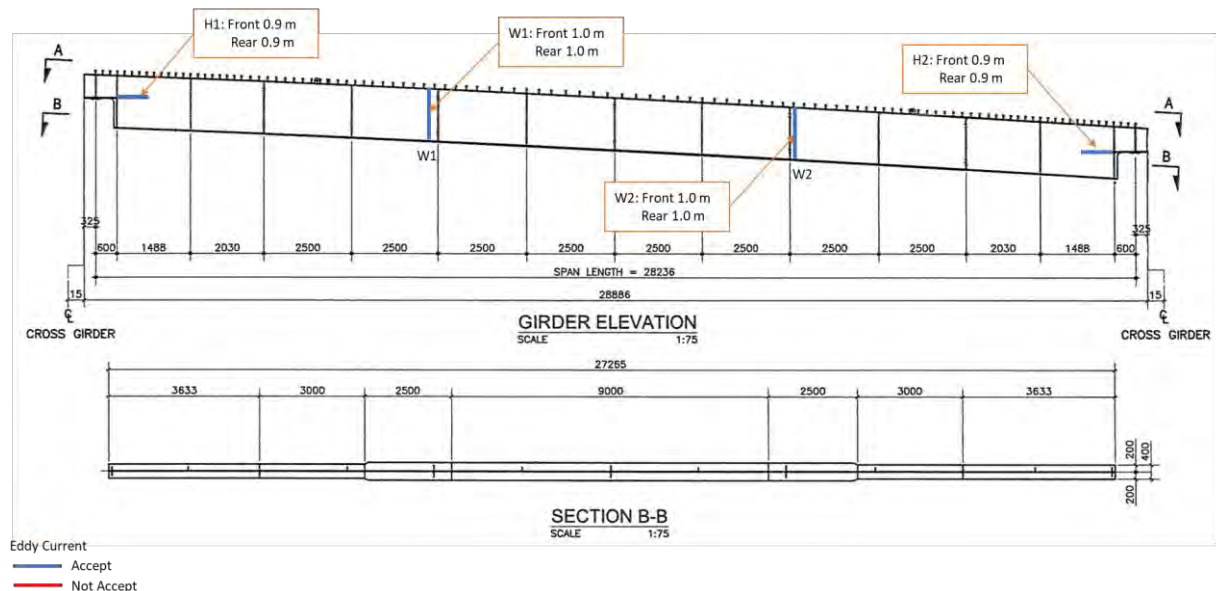
7.60 meters



Flyover 2 Span 9 Girder 2

Eddy Current.

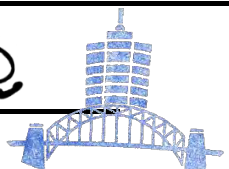
7.60 meters



Approved by

Mr. Teerapoj Warachij

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

25/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 9 Girder 1 - 5

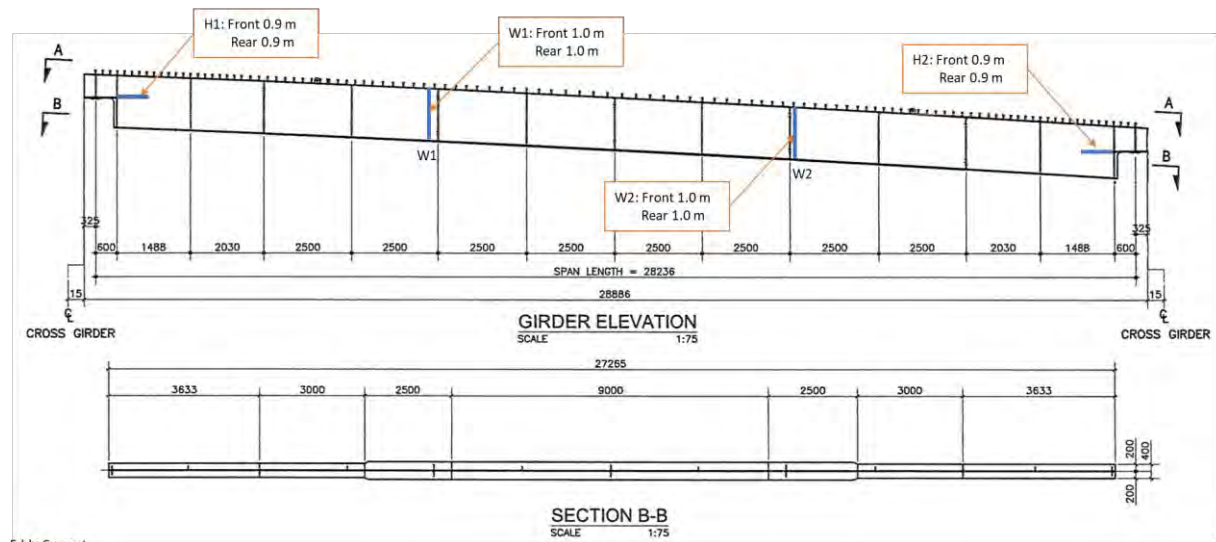
Location

Bangkok of Thailand

Flyover 2 Span 9 Girder 3

Eddy Current.

7.60 meters

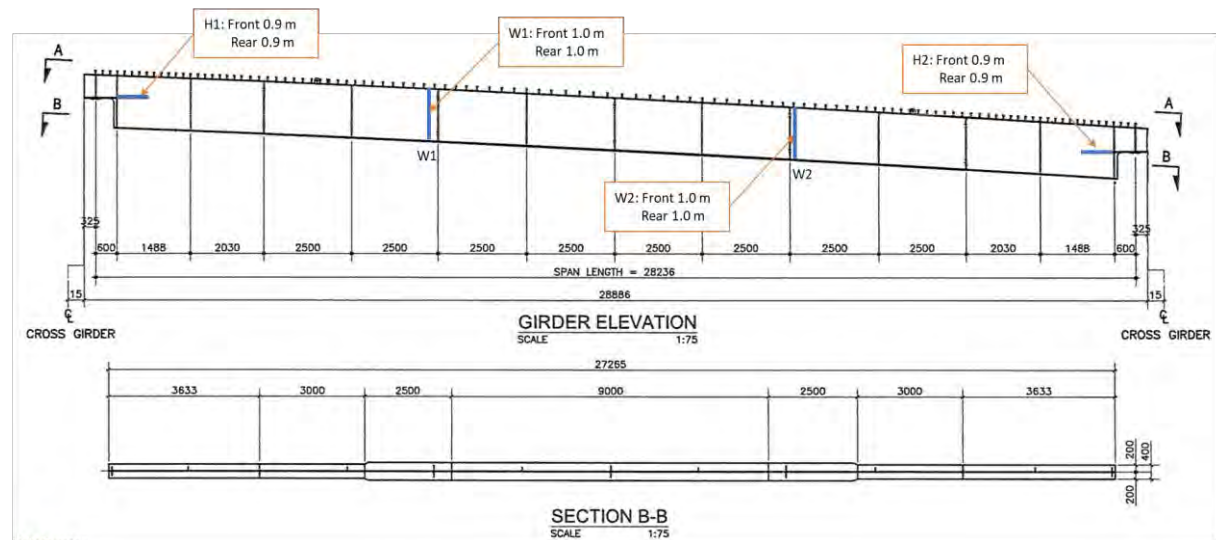


Eddy Current
 — Accept
 — Not Accept

Flyover 2 Span 9 Girder 4

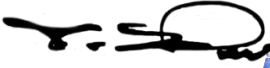
Eddy Current.

7.60 meters



Eddy Current
 — Accept
 — Not Accept

Approved by


 Mr. Teerapoj Warachij

EDDY CURRENT INSPECTION REPORT



Date Inspection

19/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 10 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Prargraph 5.7

Max paint thickness

492 μm .

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

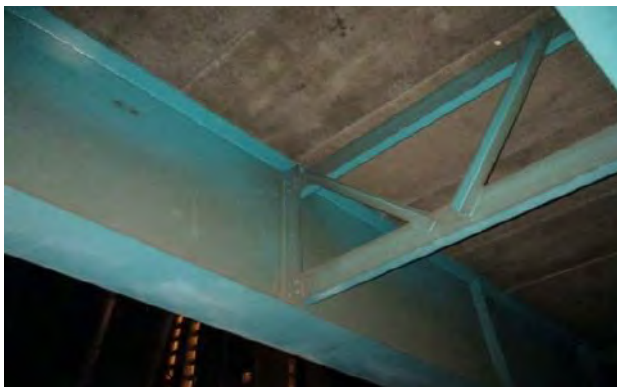
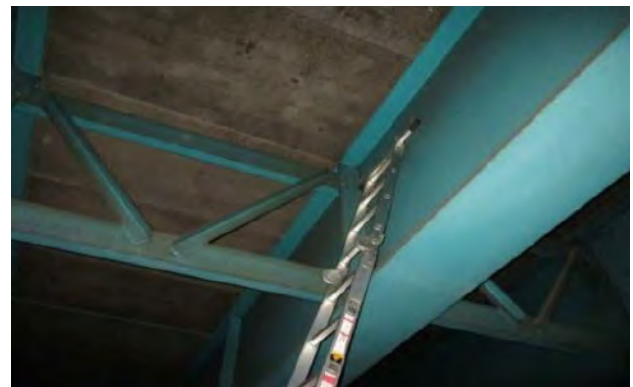
Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

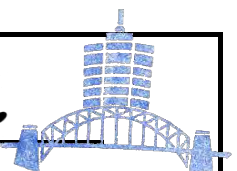


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 10 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

19/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 10 Girder 1 - 4

Location

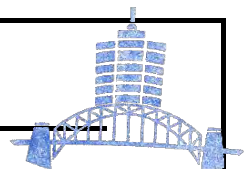
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

19/12/2019

Inspection of

Ladprao Bridge Flyover No.3

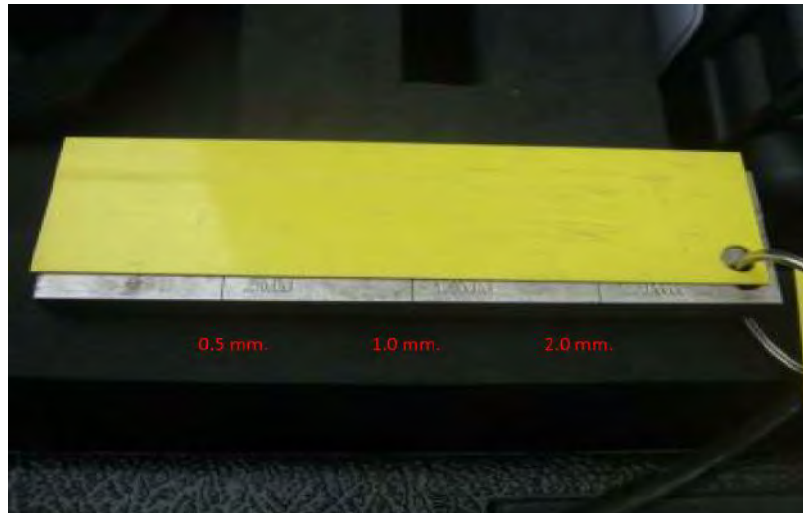
Extent

Span 10 Girder 1 - 4

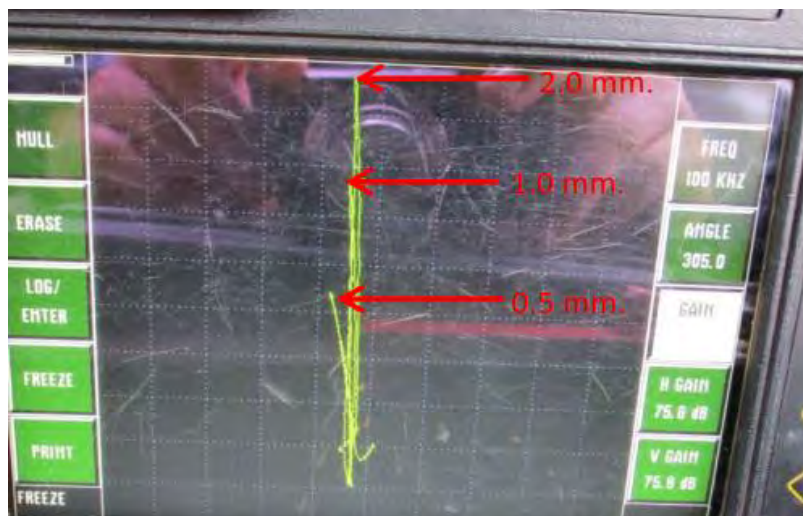
Location

Bangkok of Thailand

Inspection Comment



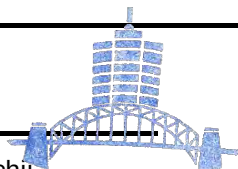
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

19/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 10 Girder 1 - 4

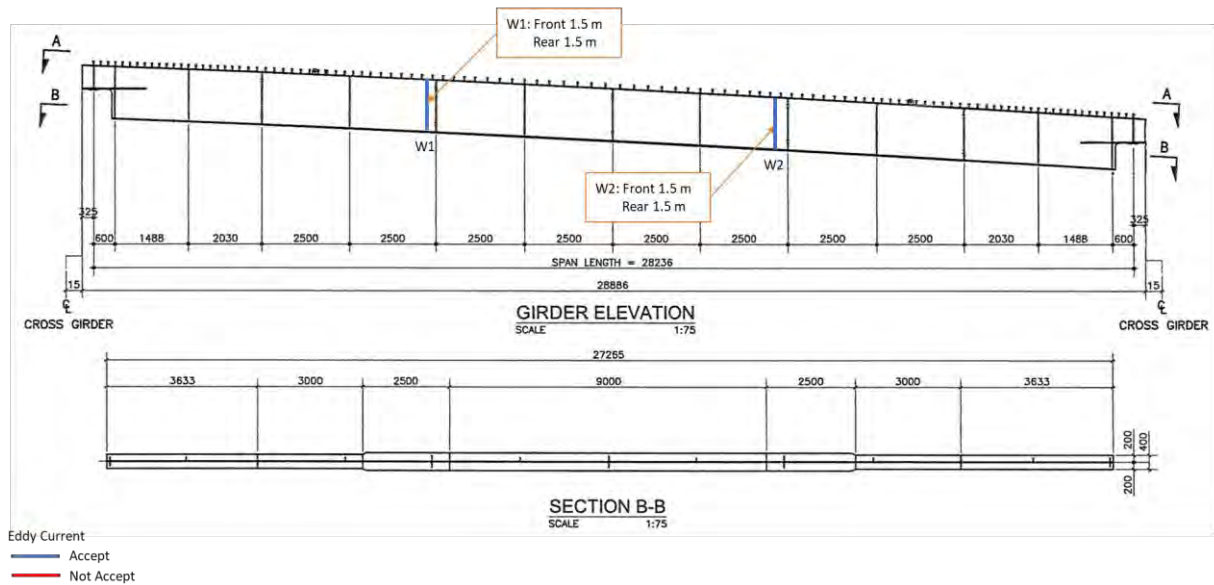
Location

Bangkok of Thailand

Flyover 3 Span 10 Girder 1

Eddy Current.

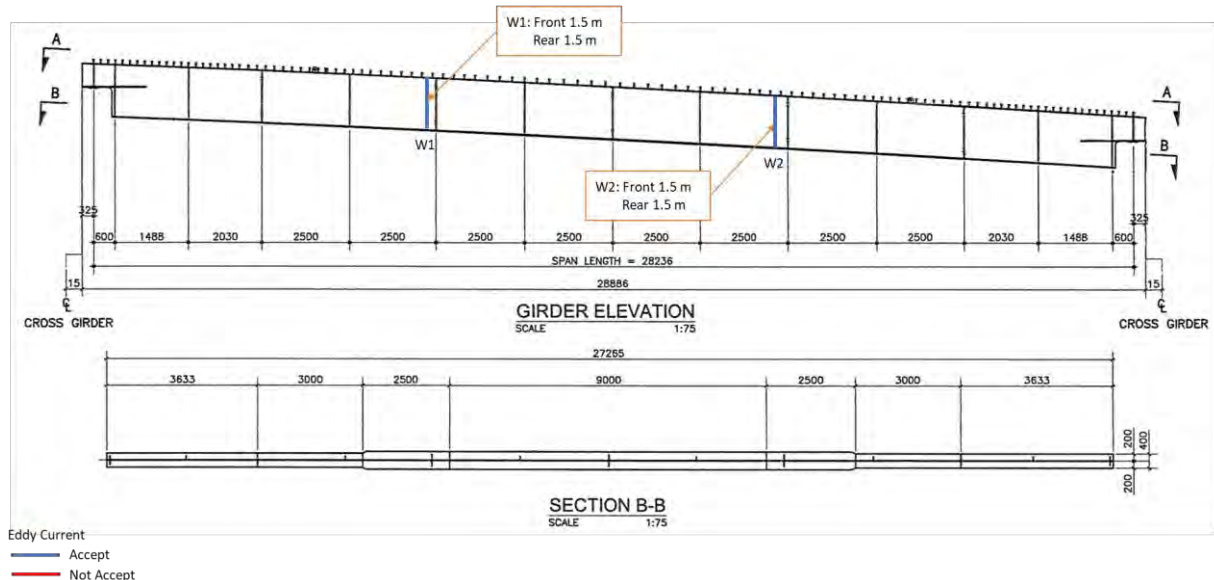
6.00 meters



Flyover 3 Span 10 Girder 2

Eddy Current.

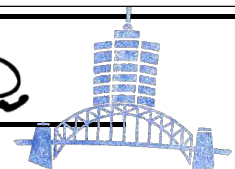
6.00 meters



Approved by

Mr. Teerapoj Warachij

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

19/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 10 Girder 1 - 4

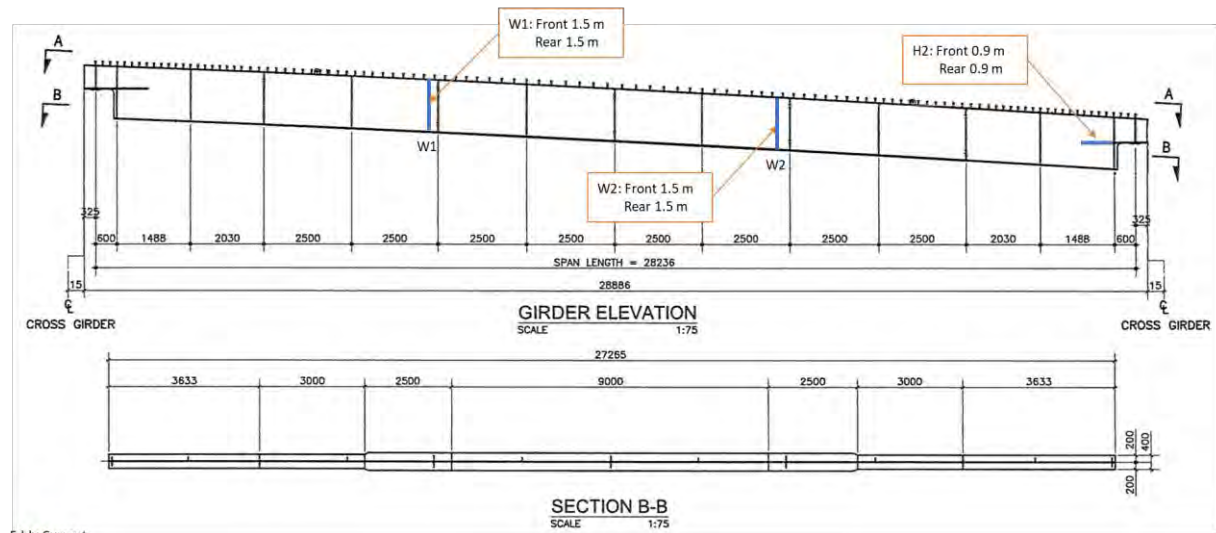
Location

Bangkok of Thailand

Flyover 3 Span 10 Girder 3

Eddy Current.

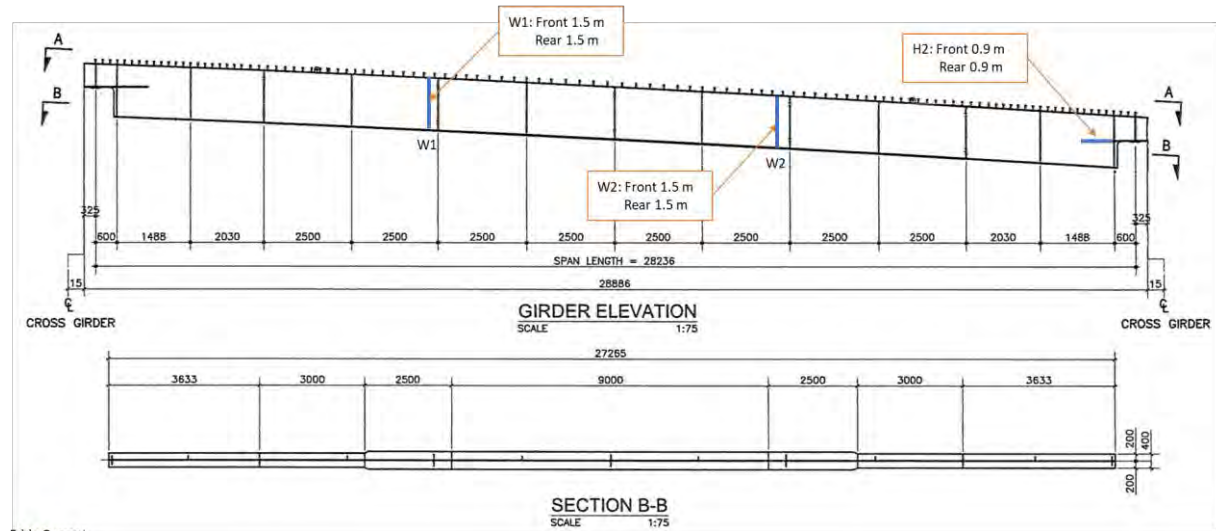
7.80 meters



Flyover 3 Span 10 Girder 4

Eddy Current.

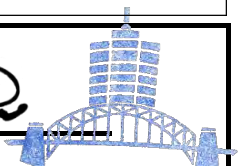
7.80 meters



Approved by

Mr. Teerapoj Warachij

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 11 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thinkness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

Inspection Comment

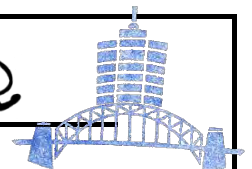


Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 11 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 11 Girder 1 - 4

Location

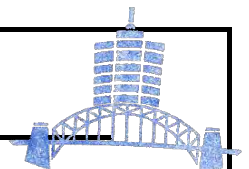
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

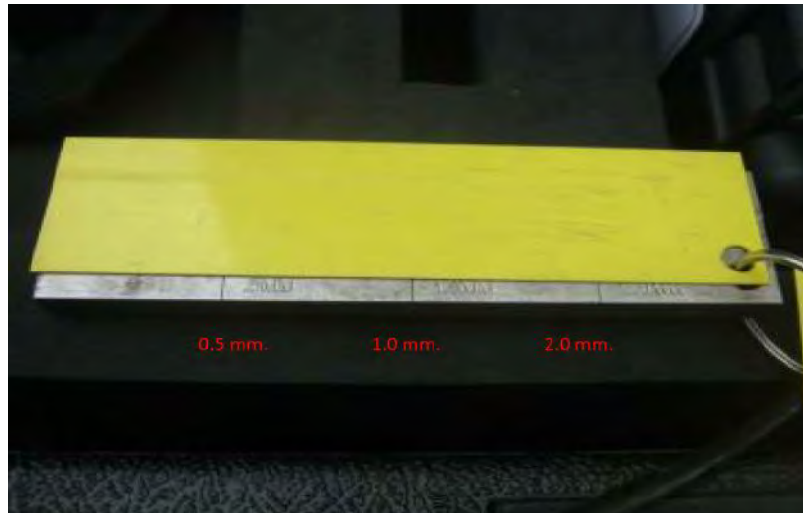
Extent

Span 11 Girder 1 - 4

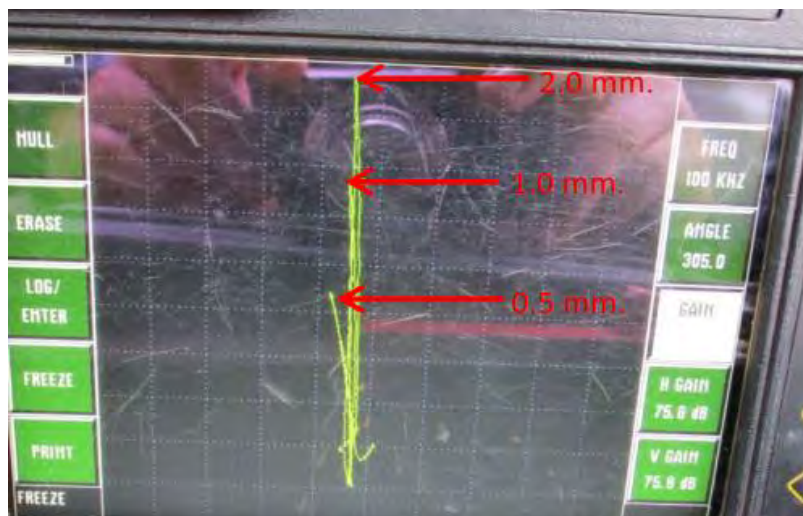
Location

Bangkok of Thailand

Inspection Comment



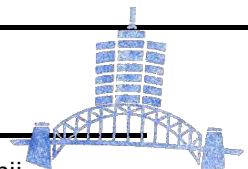
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

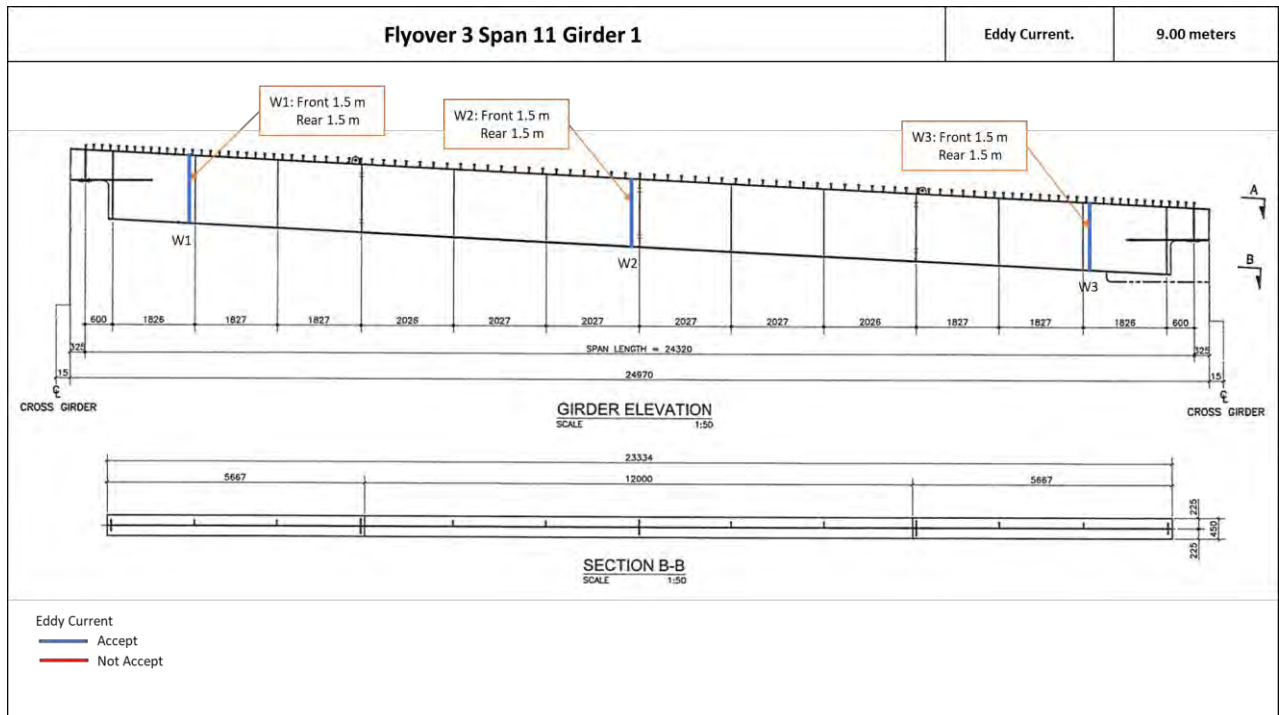
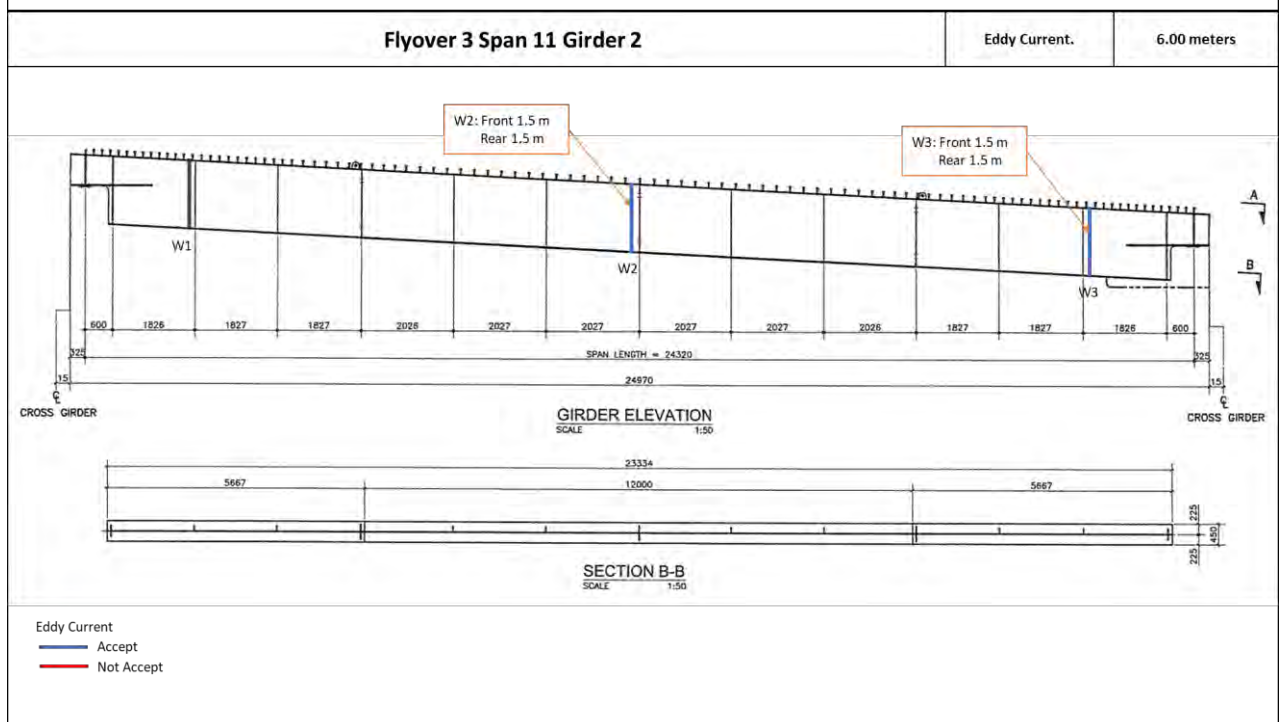
Ladprao Bridge Flyover No.3

Extent

Span 11 Girder 1 - 4

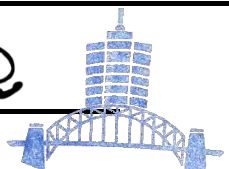
Location

Bangkok of Thailand



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 11 Girder 1 - 4

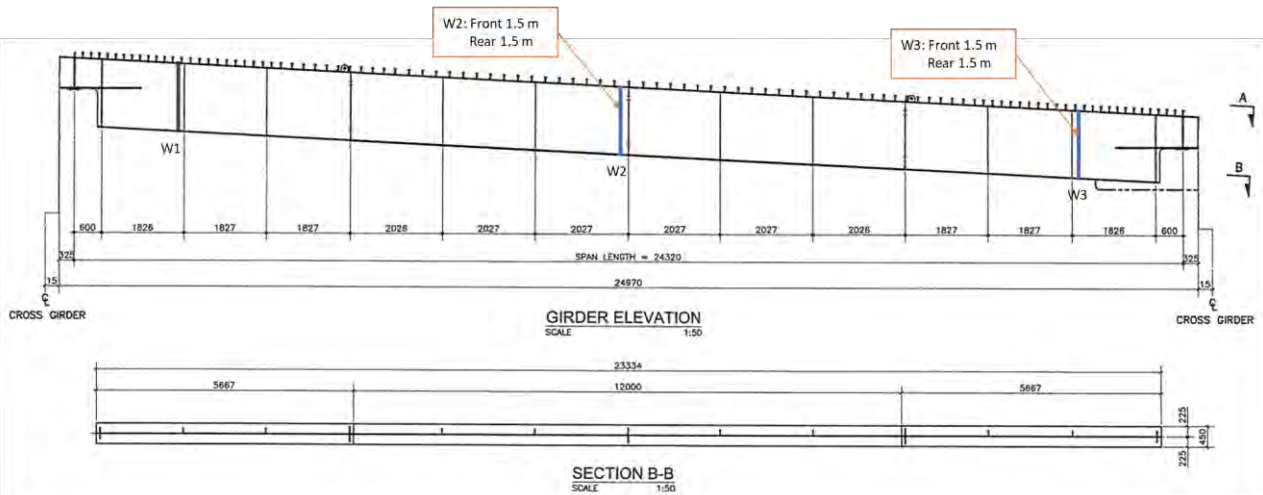
Location

Bangkok of Thailand

Flyover 3 Span 11 Girder 3

Eddy Current.

6.00 meters



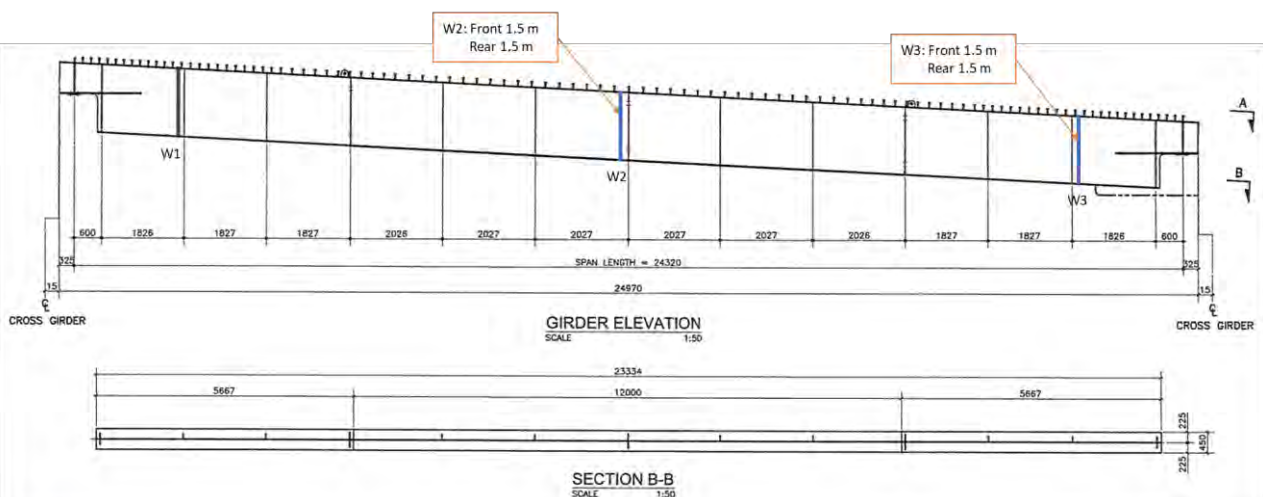
Eddy Current

— Accept
— Not Accept

Flyover 3 Span 11 Girder 4

Eddy Current.

6.00 meters

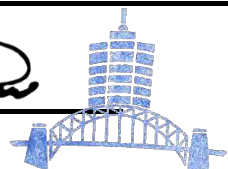


Eddy Current

— Accept
— Not Accept

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 12 Girder 1 - 4

Location

Bangkok of Thailand

Material

Cabon Steel

Surface

Coating

temp

Ambient

Procedure

P-INT-49

Acceptance Criteria

P-INT-49 Praragraph 5.7

Max paint thickness

492 μ m.

Equipment (including S/N)

Nortec 500 S/N N500X12769Y023022

probe (including S/N)

WLD-855/7L P/N9403362

Abs/Diff/Bridge

Bridge

Ref Block (including S/N)

S/N 510209

Nr. of shims used (thickness)

1 = 0.5 mm.

Sensitivity

Notch 1 mm. = 80 FSH

Frequency

100-600 KHz.

phase

127°

Gain

82.5 dB

Visual Inspection Observation

No visible damage was found.

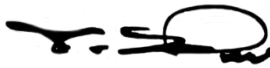
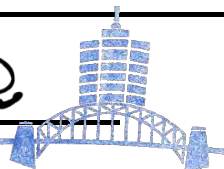
Inspection Comment



Inspection Conclusion

Eddy current surface testing was performed on weldment of Span 12 Girder 1 - 4
The inspection result, no indication was found at the inspection time.

Approved by


Mr. Teerapoj Warachij 

EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 12 Girder 1 - 4

Location

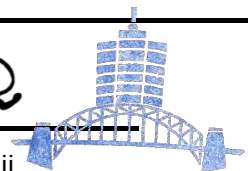
Bangkok of Thailand

Inspection Comment



Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

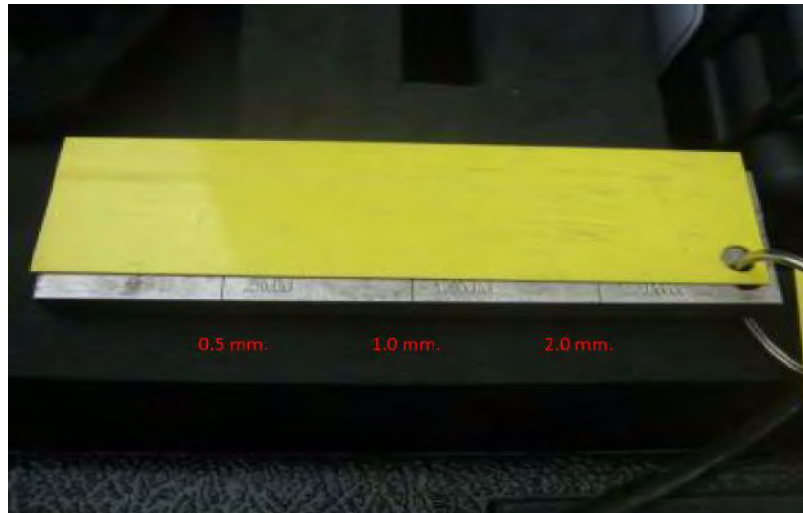
Extent

Span 12 Girder 1 - 4

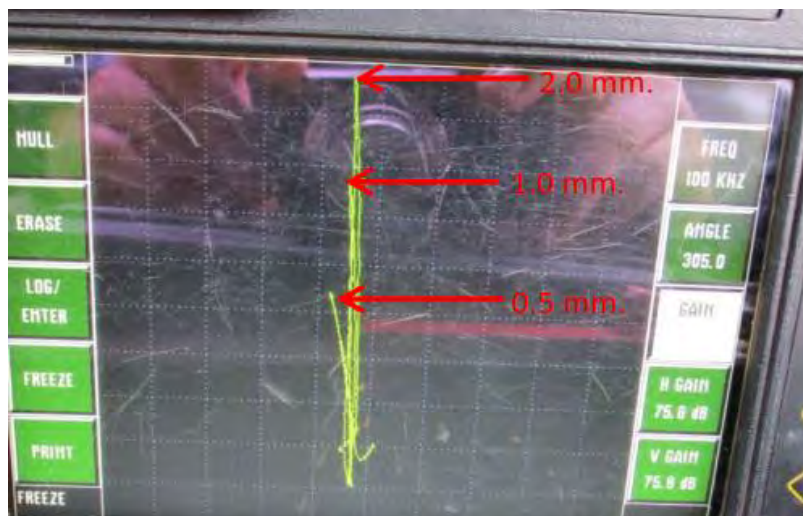
Location

Bangkok of Thailand

Inspection Comment



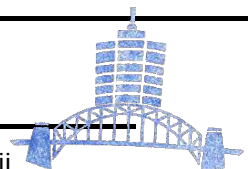
Calibration Block



Calibration Signal

Approved by

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 12 Girder 1 - 4

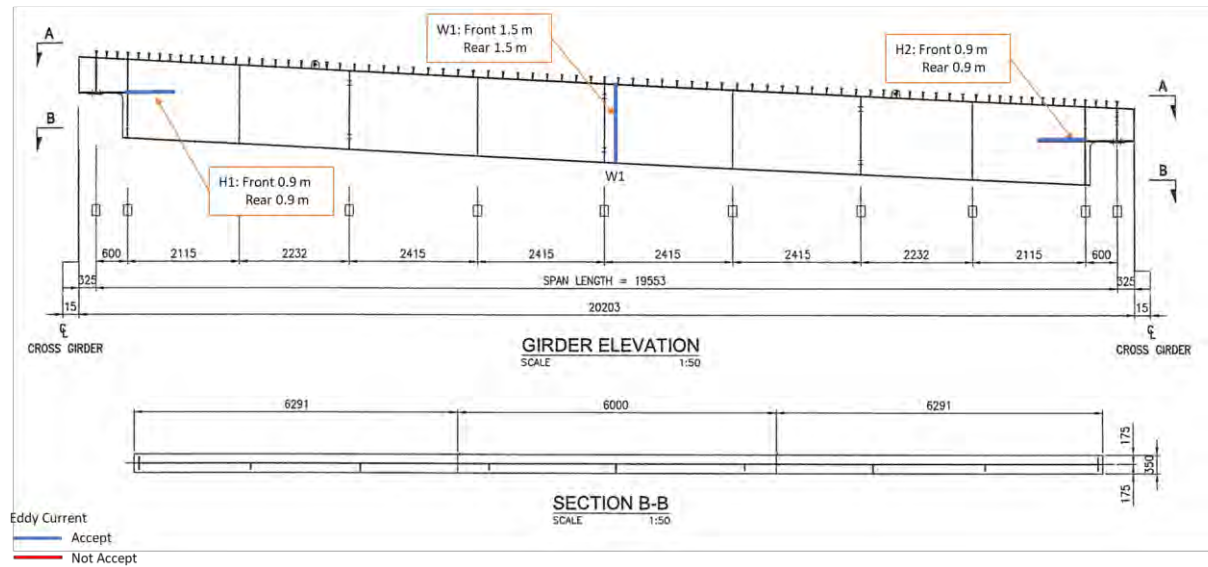
Location

Bangkok of Thailand

Flyover 3 Span 12 Girder 1

Eddy Current.

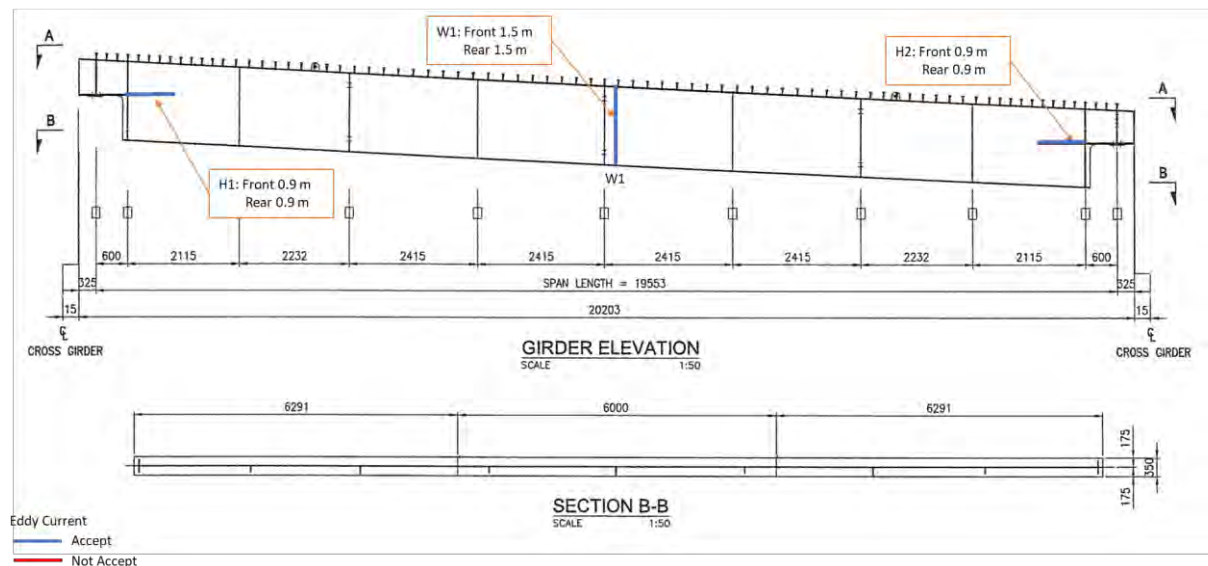
6.60 meters



Flyover 3 Span 12 Girder 2

Eddy Current.

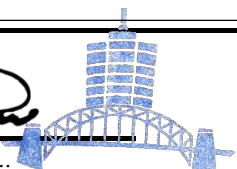
6.60 meters



Approved by

Mr. Teerapoj Warachij

Mr. Teerapoj Warachij



EDDY CURRENT INSPECTION REPORT



Date Inspection

18/12/2019

Inspection of

Ladprao Bridge Flyover No.3

Extent

Span 12 Girder 1 - 4

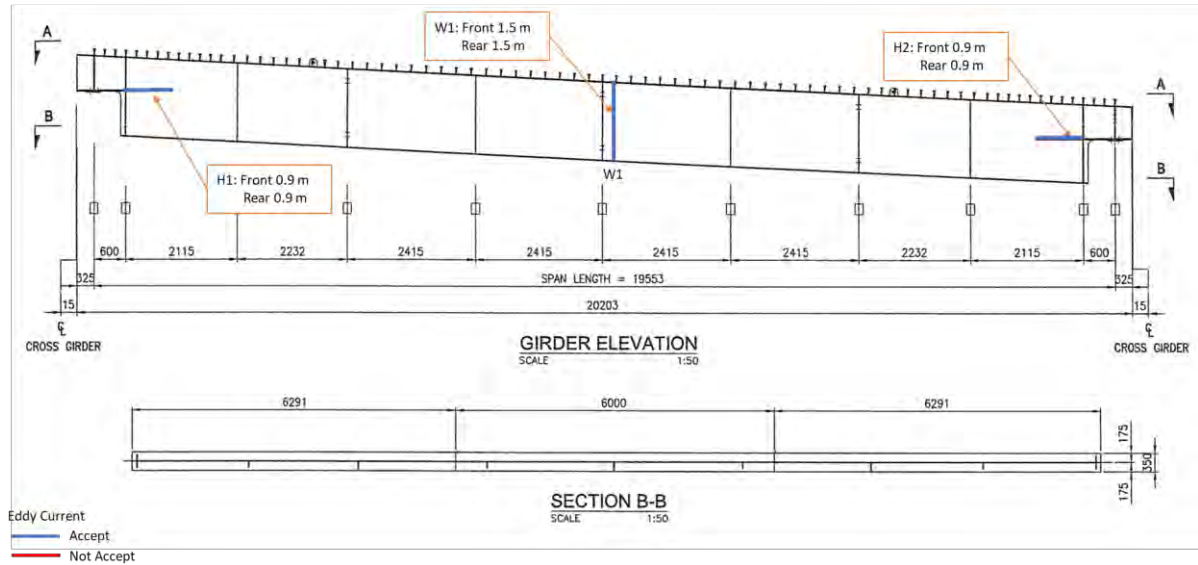
Location

Bangkok of Thailand

Flyover 3 Span 12 Girder 3

Eddy Current.

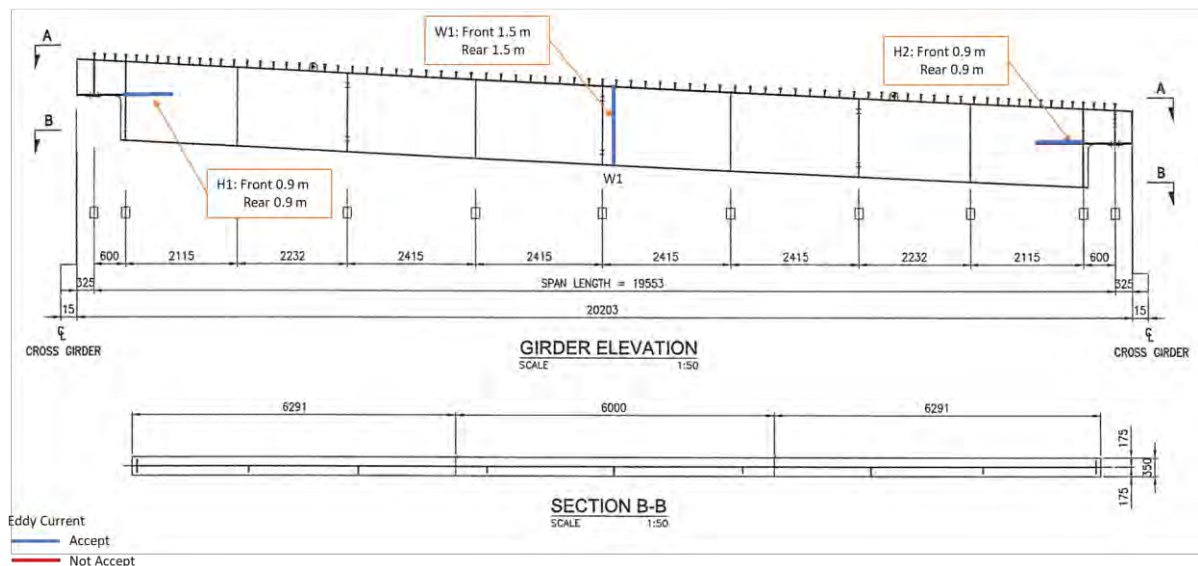
6.60 meters



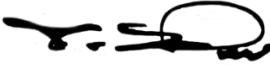
Flyover 3 Span 12 Girder 4

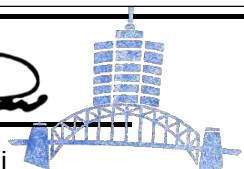
Eddy Current.

6.60 meters



Approved by


Mr. Teerapoj Warachij



รายงานผลการตรวจสอบสลักเกลียวด้วยวิธี Torque Examination

Flyover No.1

TORQUE TIGHTENING REPORT



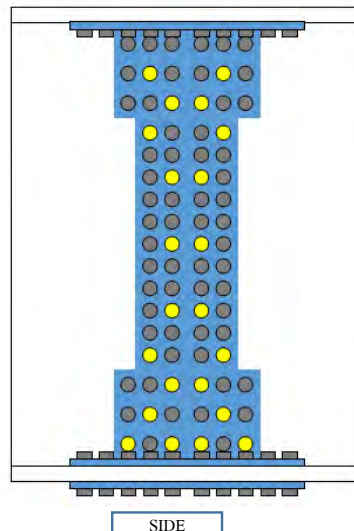
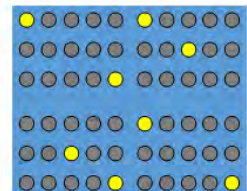
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S8	MEMBER	I-Girder 1
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

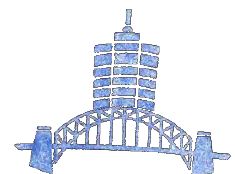
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



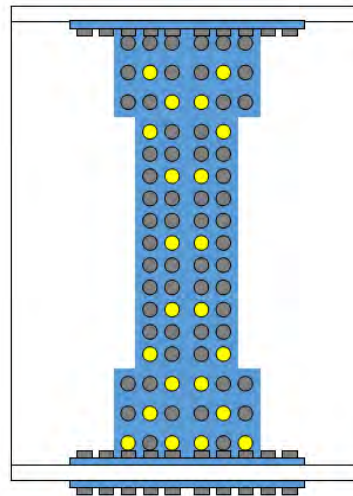
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

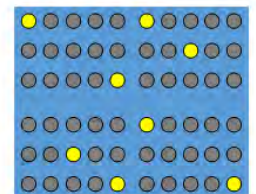
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S8	MEMBER	I-Girder 2
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

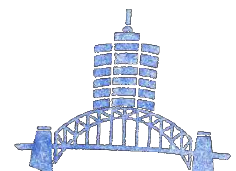


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



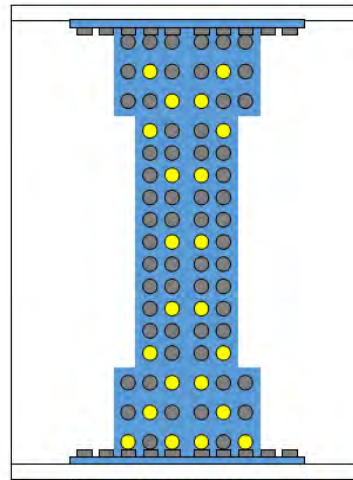
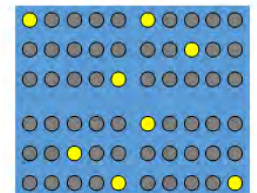
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S8	MEMBER	I-Girder 3
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



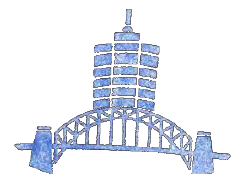
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr.Teerapoj Warachij



TORQUE TIGHTENING REPORT



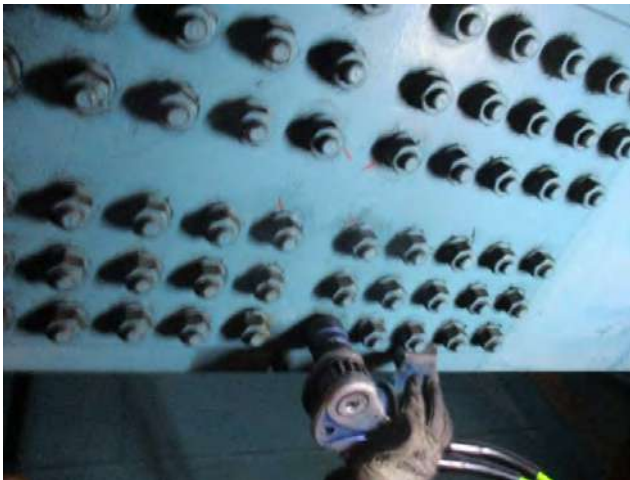
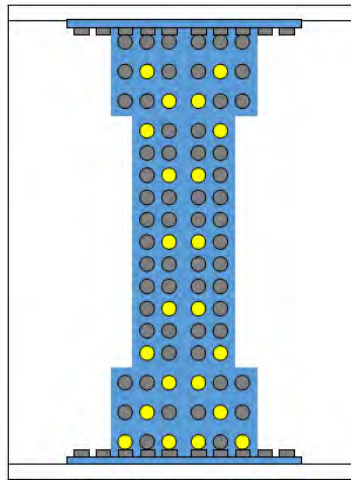
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

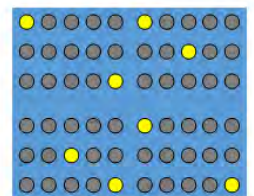
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S8	MEMBER	I-Girder 4
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

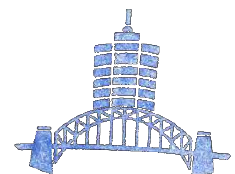


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



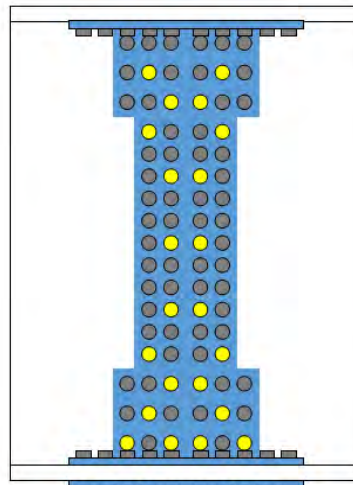
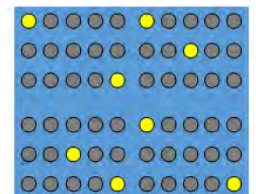
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S8	MEMBER	I-Girder 5
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



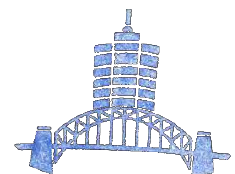
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



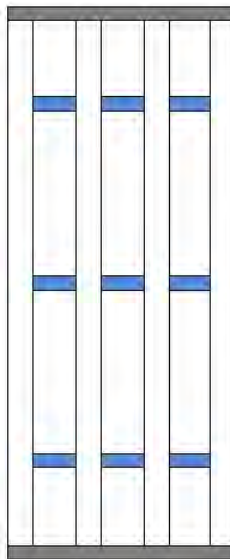
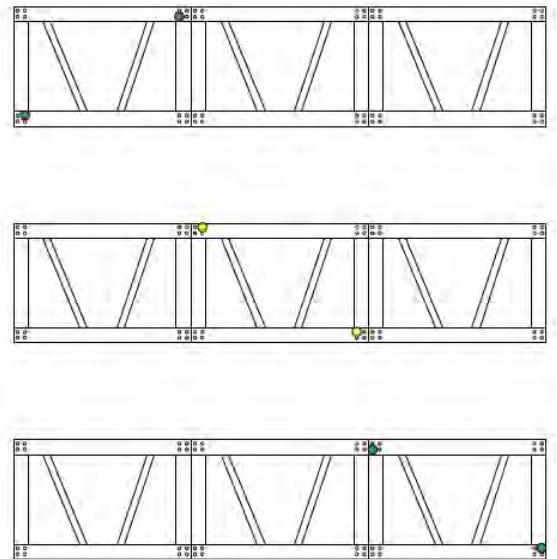
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S1	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

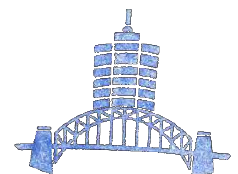
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



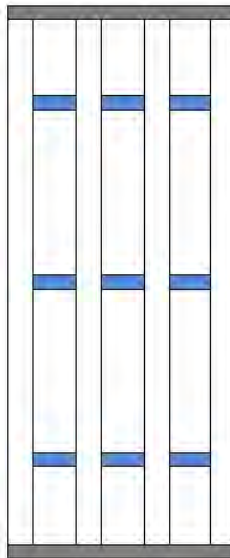
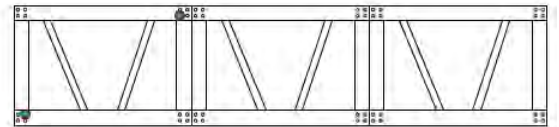
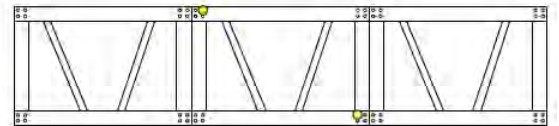
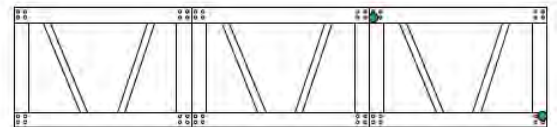
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S2	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

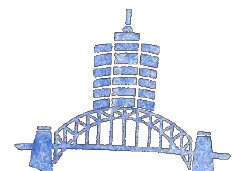
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



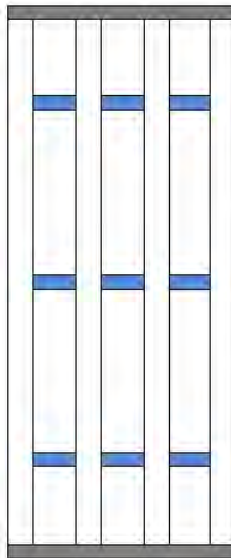
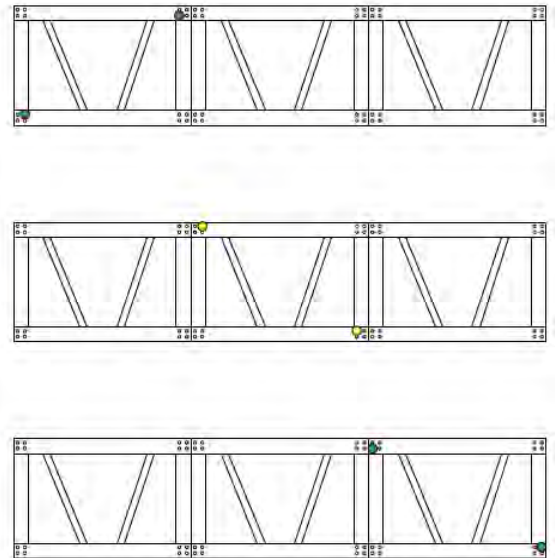
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S3	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

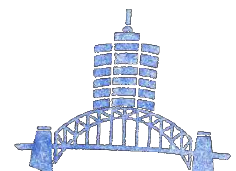
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



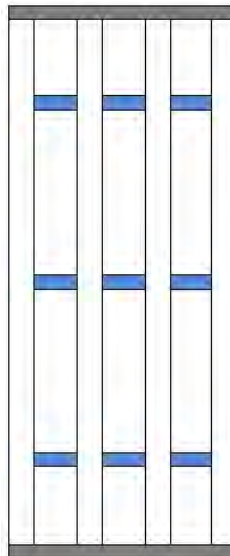
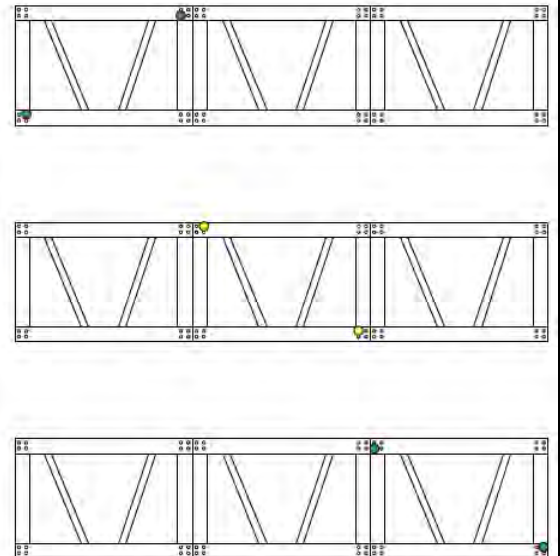
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S4	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

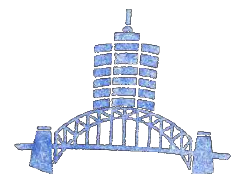
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



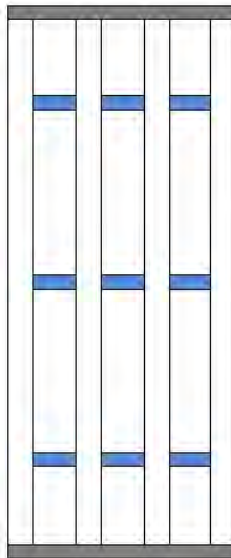
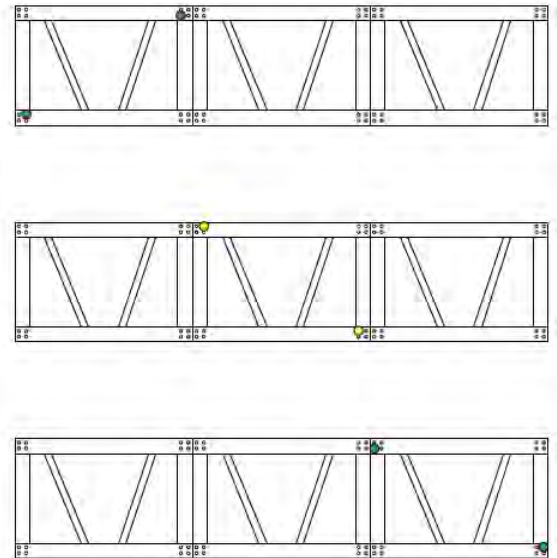
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S5	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

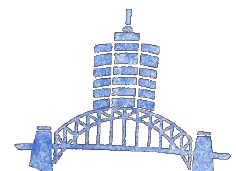
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



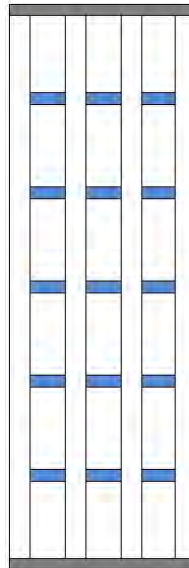
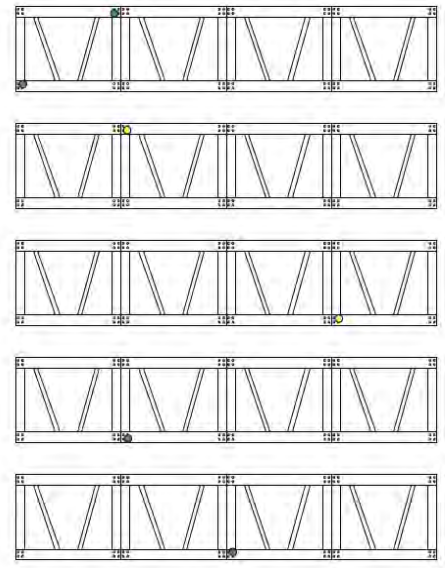
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S6	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 4
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

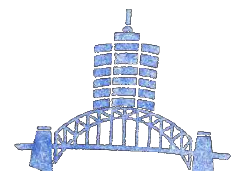
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



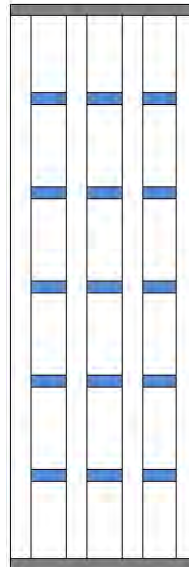
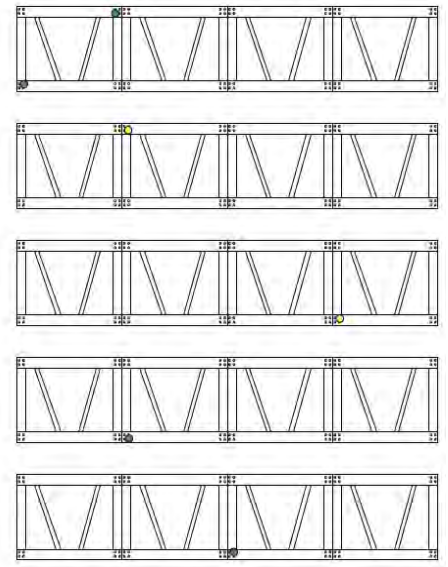
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S7	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 4
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

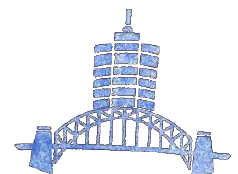
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



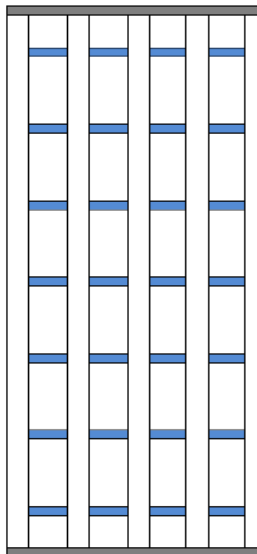
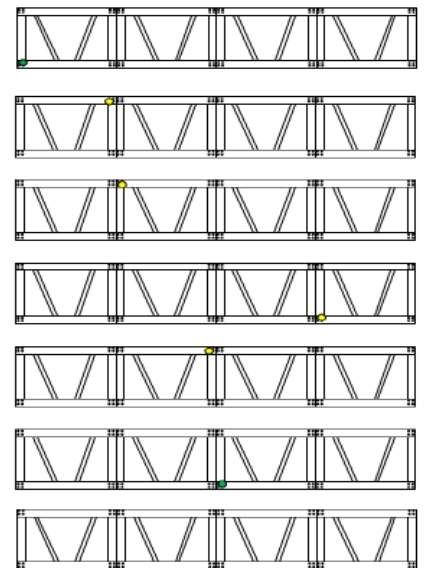
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S8	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 6
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

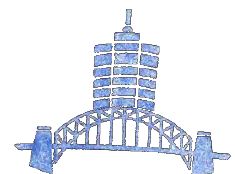
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	2
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	4
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



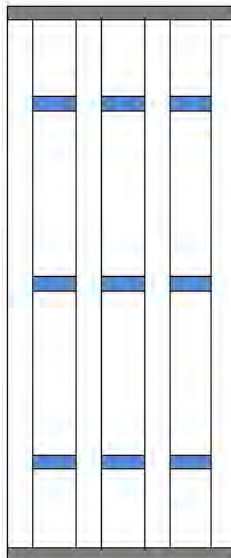
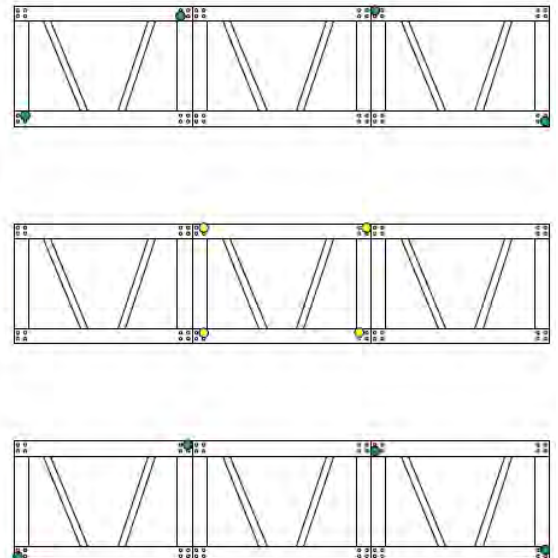
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S9	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,12Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

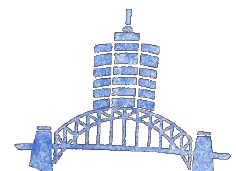
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	8
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	4
			Sum	12

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



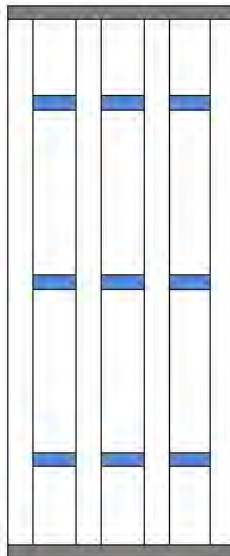
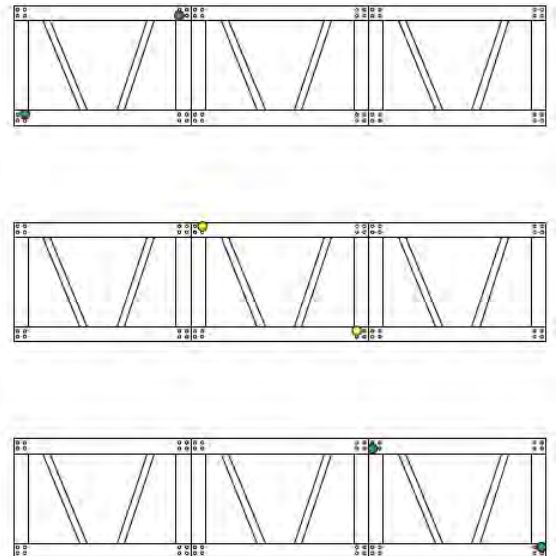
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S10	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

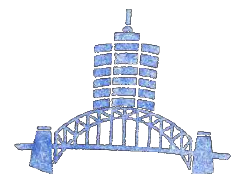
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



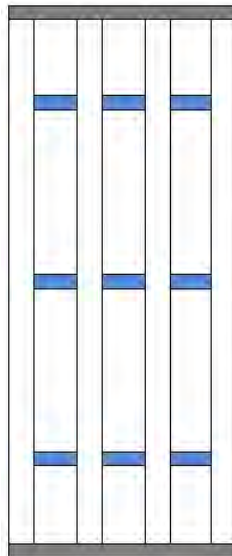
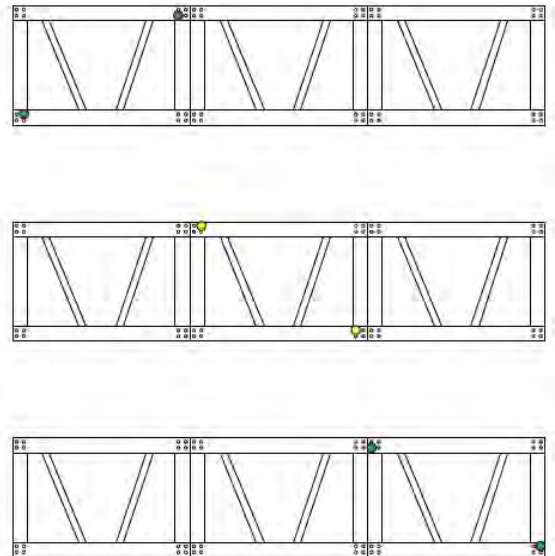
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S11	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

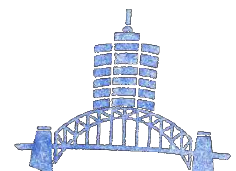
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



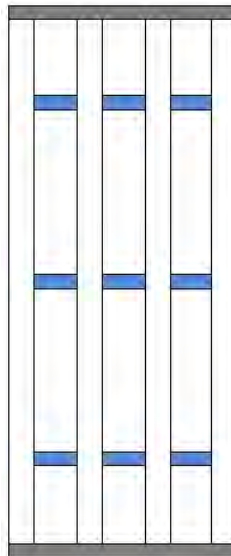
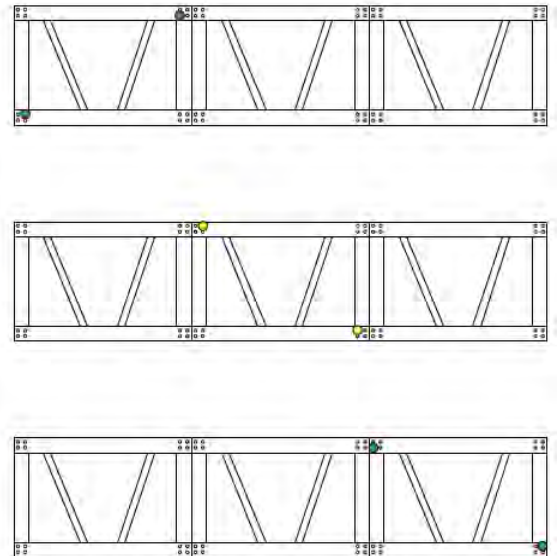
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S12	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

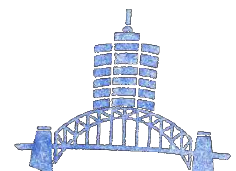
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



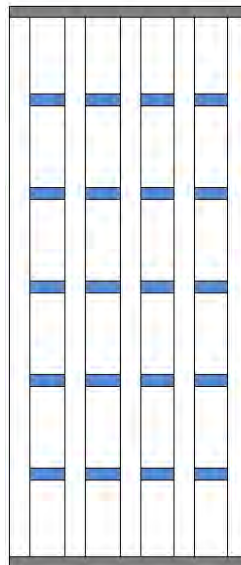
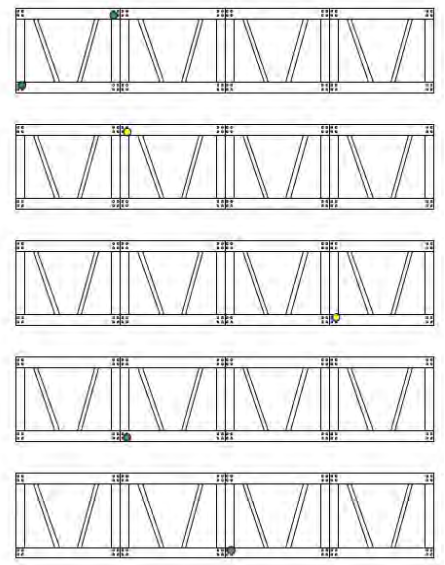
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1 ,S13	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 5
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

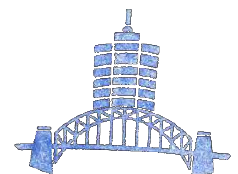
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



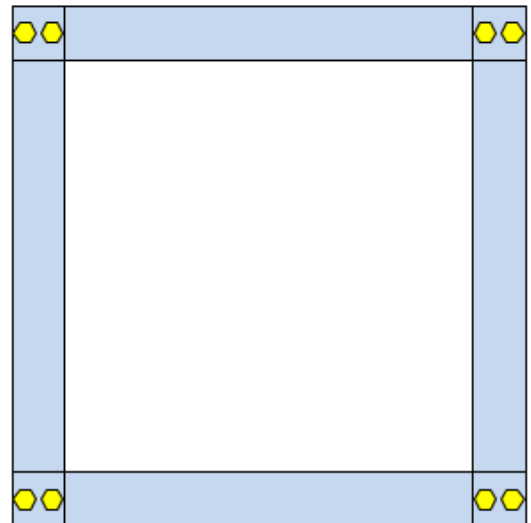
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	T-5	0734	1,107-7,601 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 01
BOLT SIZE / NO.OFF	M36 1-3/8" 8Ea.	NUT A/F SIZE	55MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

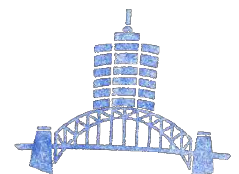
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	997	43,500	121,000	0
ขยับที่ 60% Max Torque	1,994	87,000	121,000	0
ขยับที่ 100% Max Torque	3,323	145,000	121,000	8
ไม่ขยับที่ 100% Max Torque	3,323	145,000	121,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



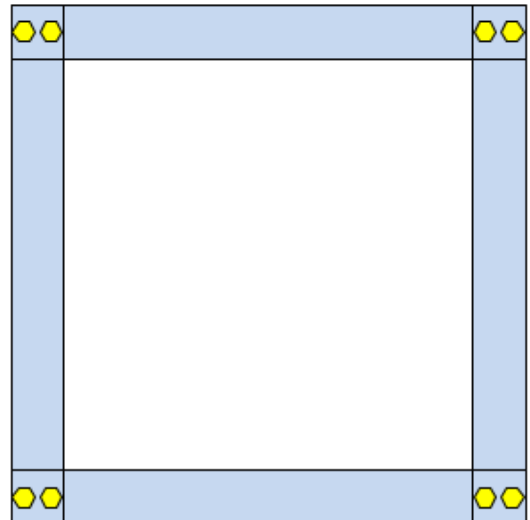
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 02
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

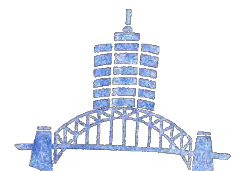
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



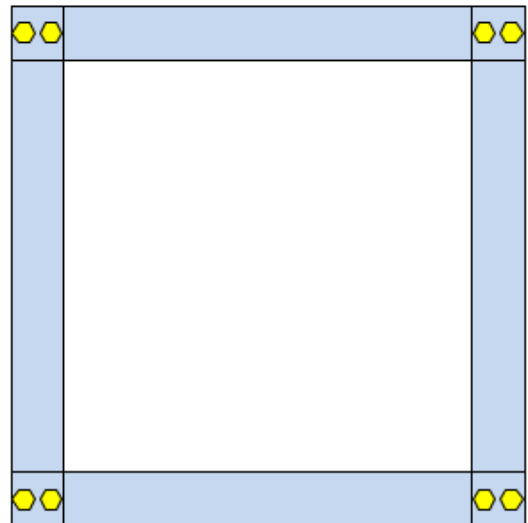
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 03
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

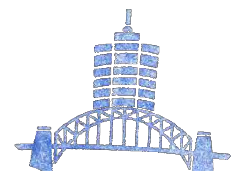
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



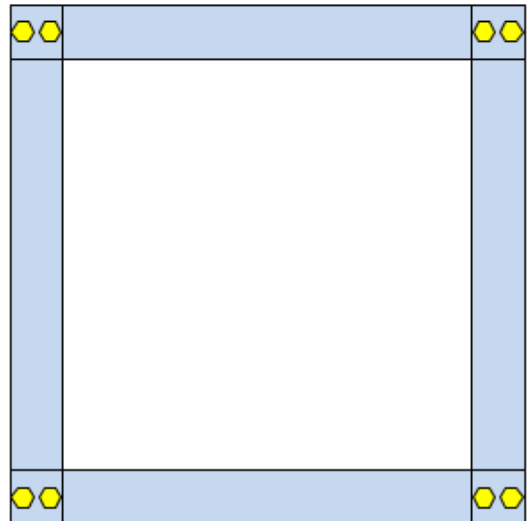
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 04
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

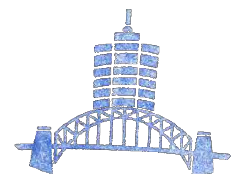
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



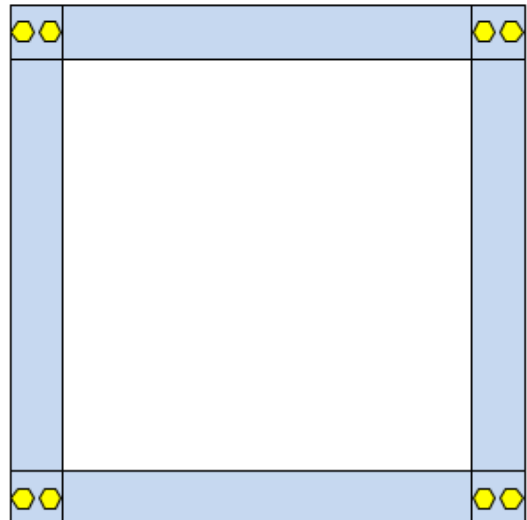
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 05
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

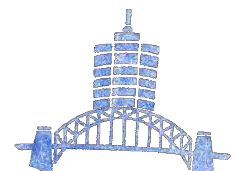
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



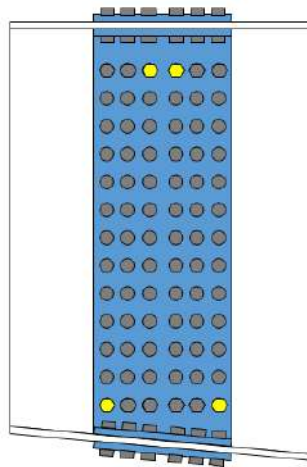
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

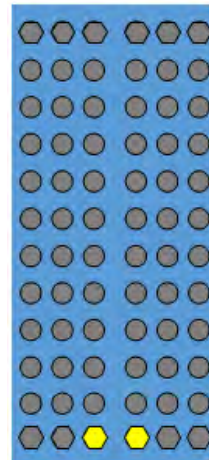
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 06
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 11
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

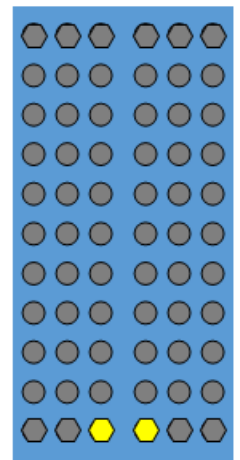
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE



TOP

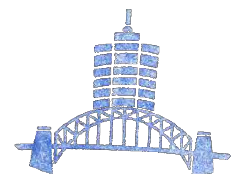


BOTTOM

Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



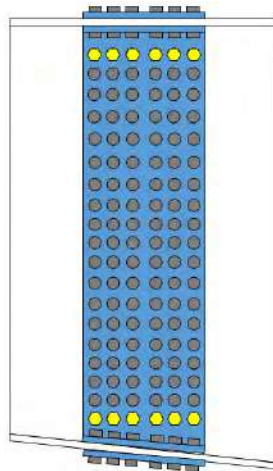
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

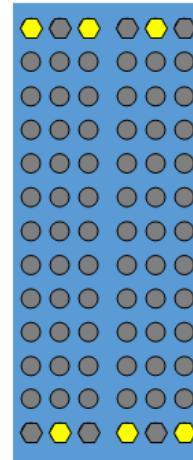
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 07
BOLT SIZE / NO.OFF	M45 1-3/4" 30Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 11
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

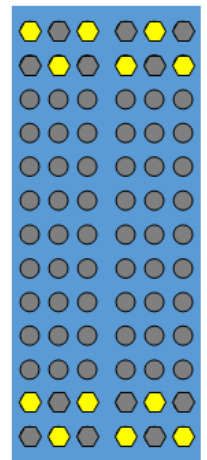
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE



TOP

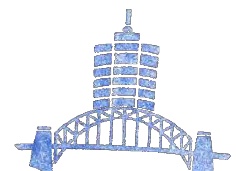


BOTTOM

Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	30
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	30

Approved by

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TORQUE TIGHTENING REPORT



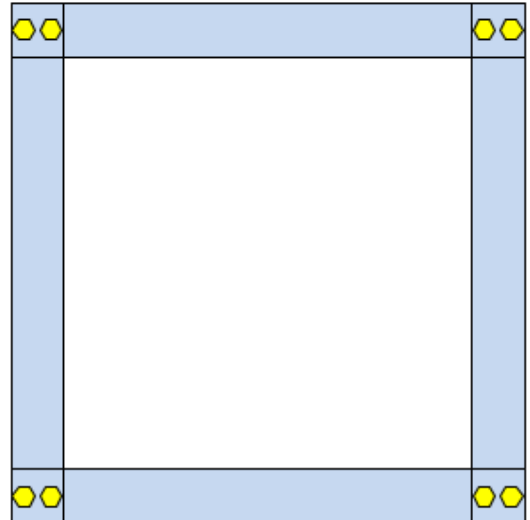
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 08
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

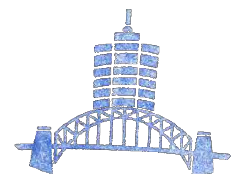
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



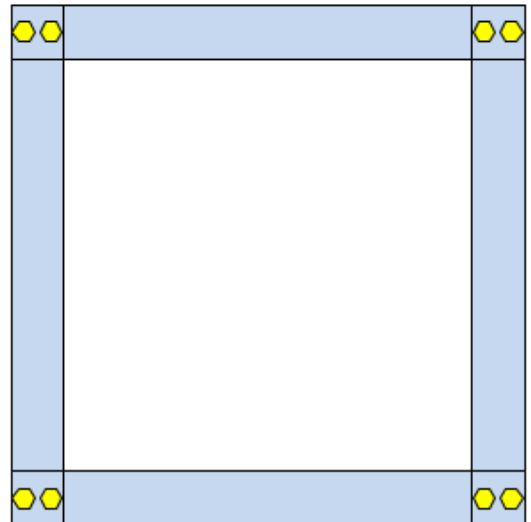
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 09
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

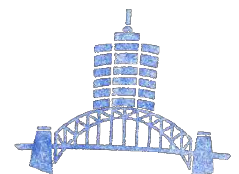
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



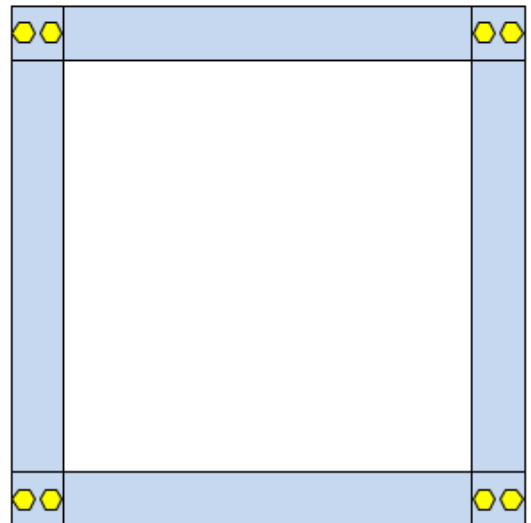
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 10
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

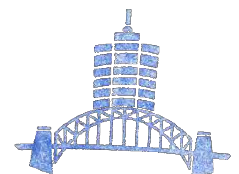
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



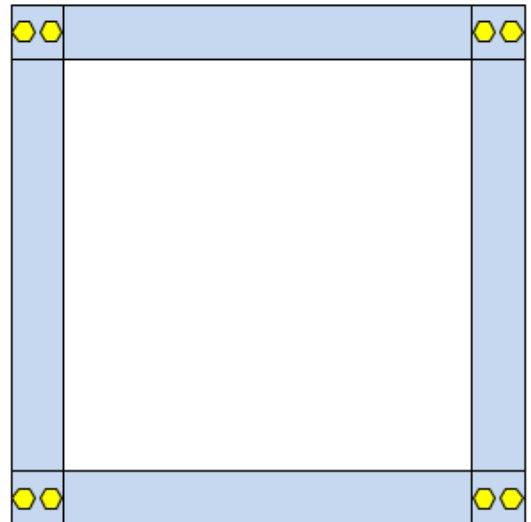
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 11
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

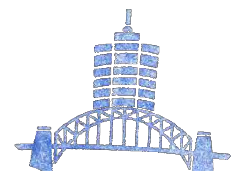
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



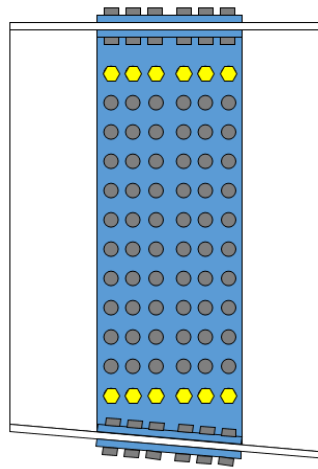
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

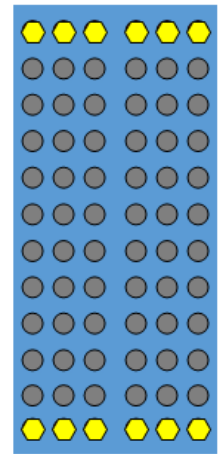
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 1	MEMBER	PIER 12
BOLT SIZE / NO.OFF	M45 1-3/4" 24Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 11
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

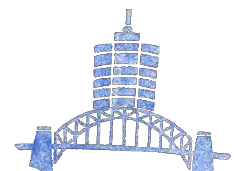


TOP

Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	24
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	24

Approved by

Mr. Teerapoj Warachij



รายงานผลการตรวจสอบสลักเกลียวด้วยวิธี Torque Examination

Flyover No.2

TORQUE TIGHTENING REPORT



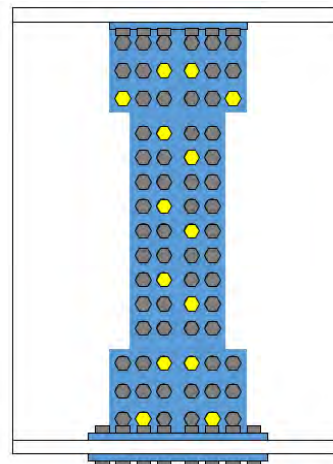
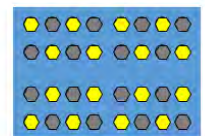
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S9	MEMBER	I-Girder 1
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



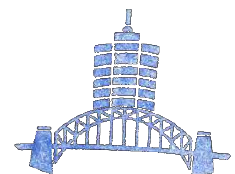
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



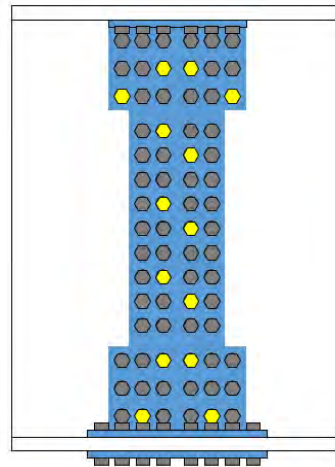
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S9	MEMBER	I-Girder 2
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



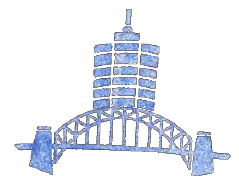
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



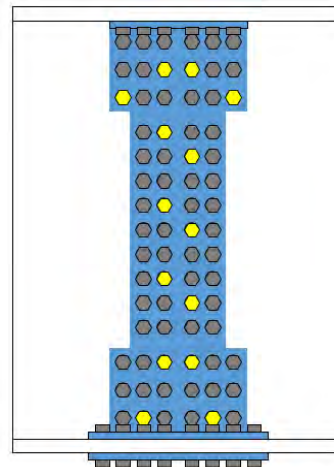
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

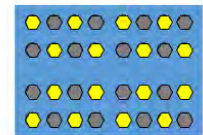
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S9	MEMBER	I-Girder 3
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

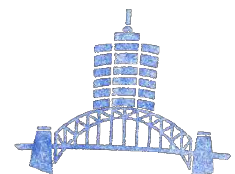


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



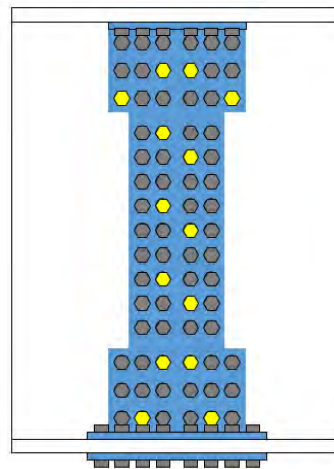
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S9	MEMBER	I-Girder 4
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



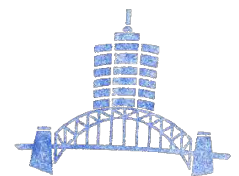
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

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TORQUE TIGHTENING REPORT



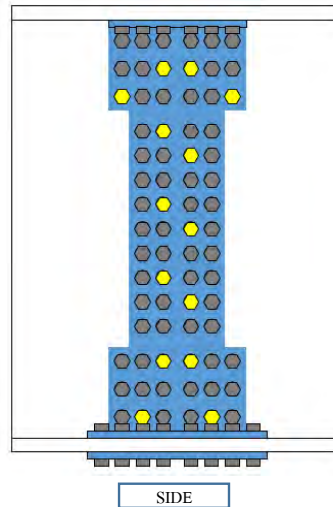
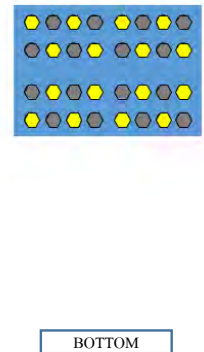
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S9	MEMBER	I-Girder 5
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

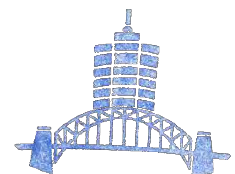
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



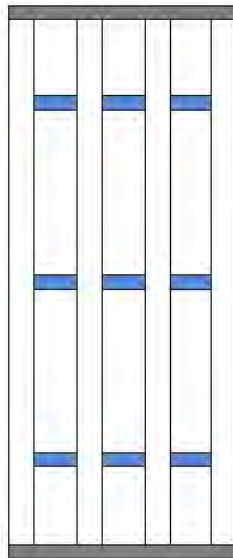
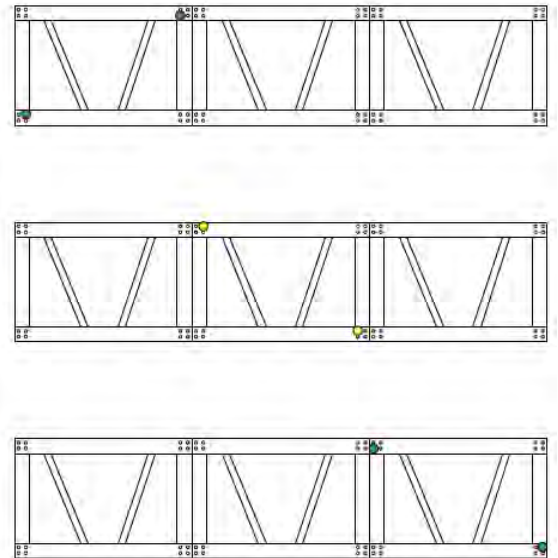
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S1	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

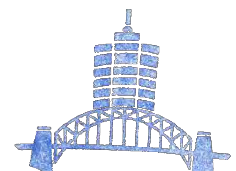
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



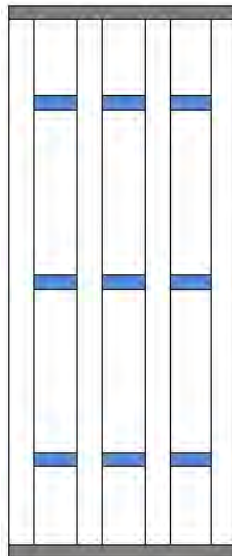
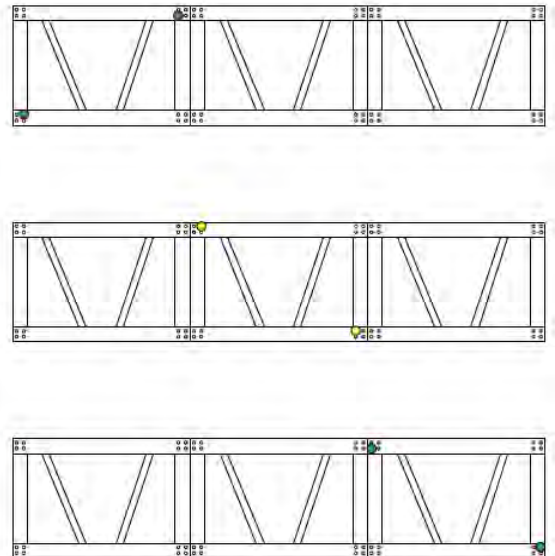
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S2	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

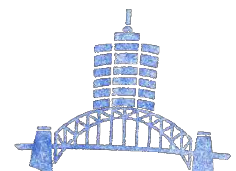
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



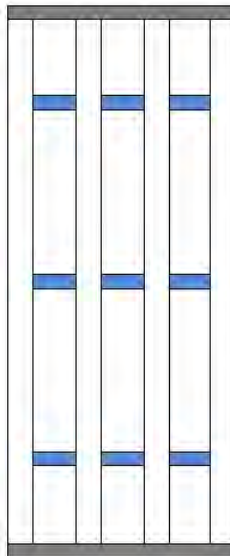
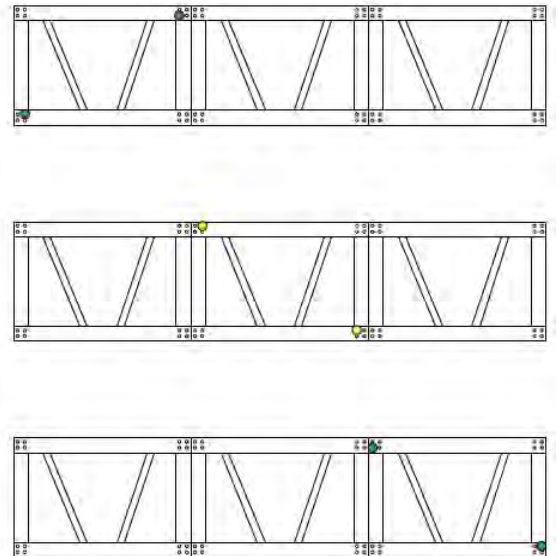
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S3	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

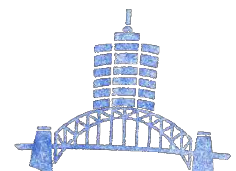
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



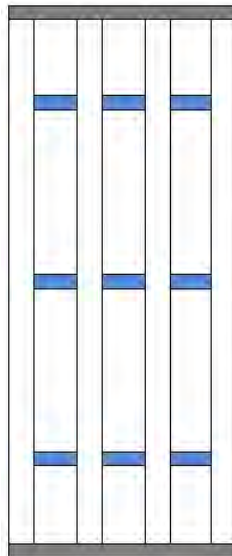
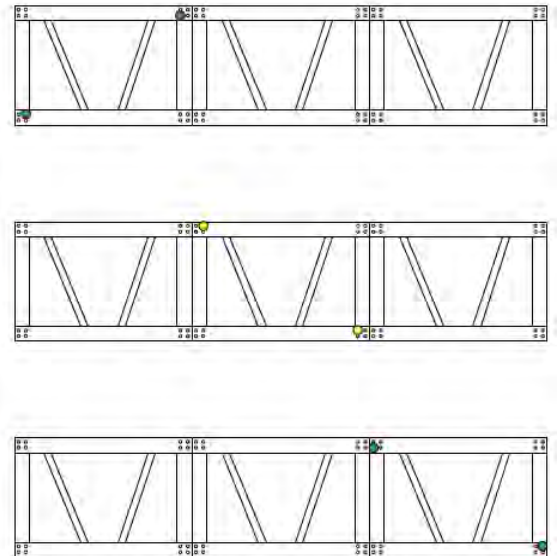
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S4	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

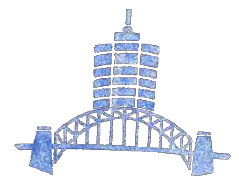
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



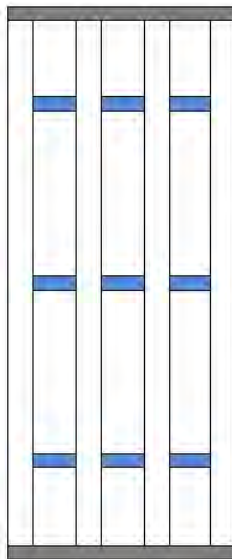
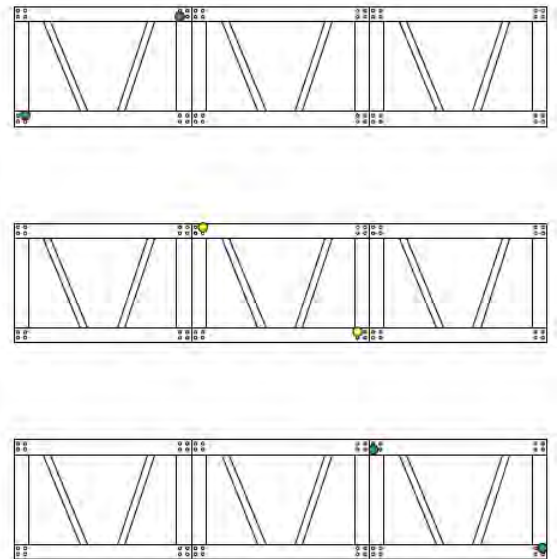
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S5	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

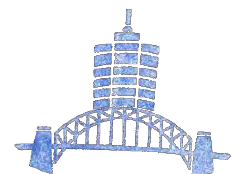
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



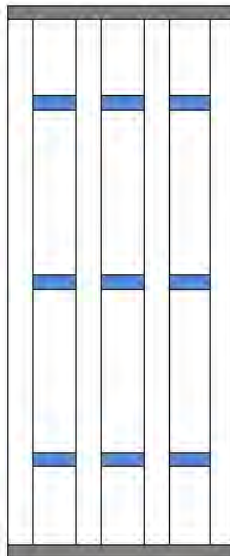
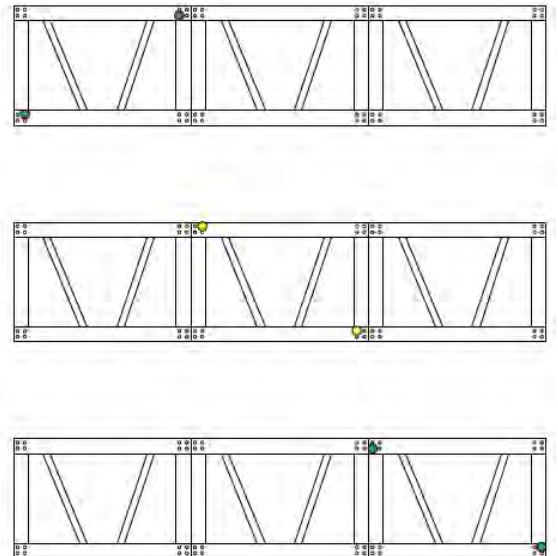
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S6	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

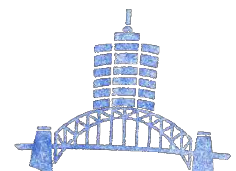
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



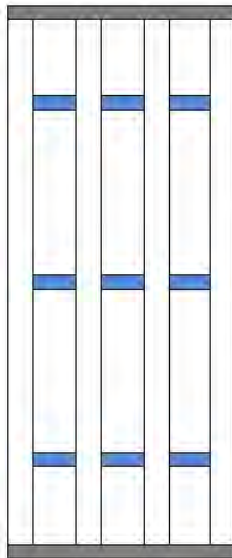
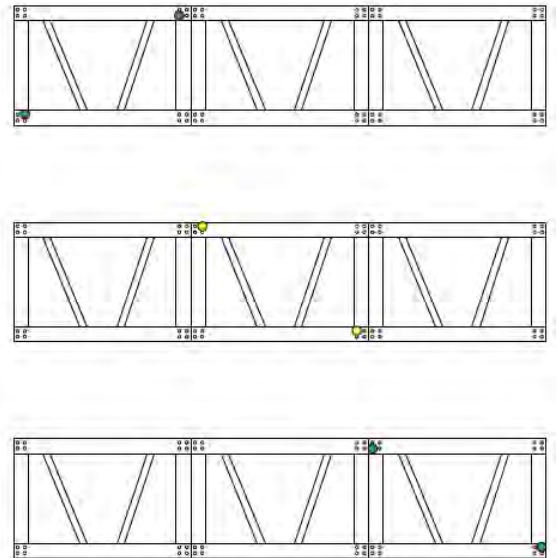
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S7	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

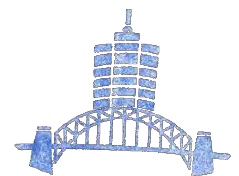
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



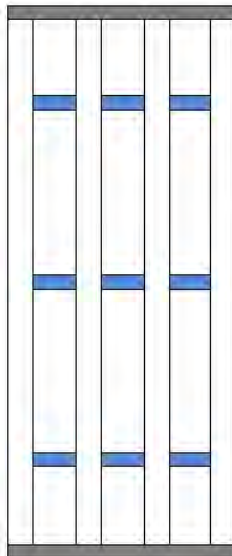
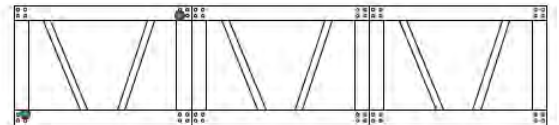
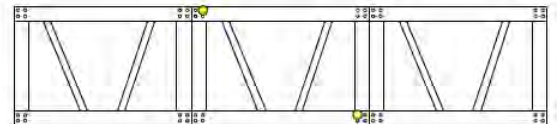
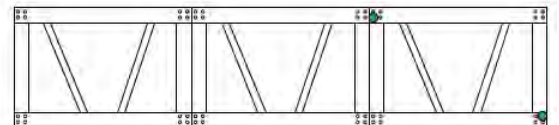
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S8	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

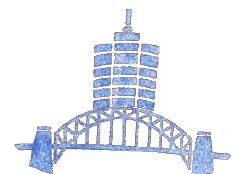
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



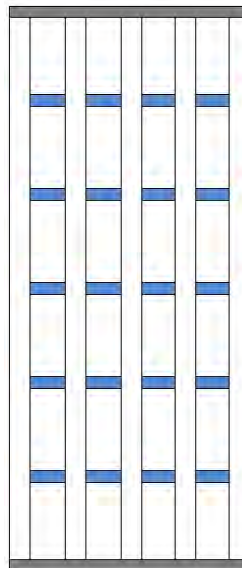
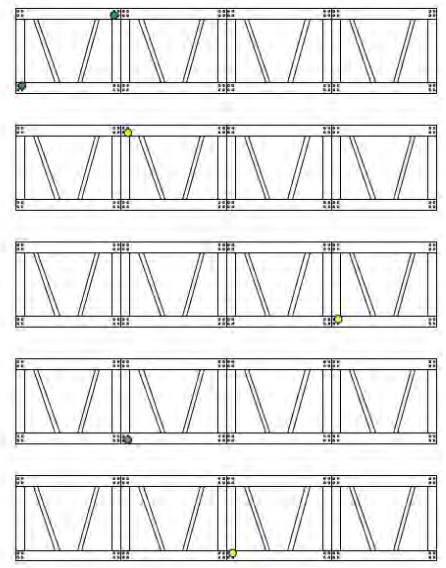
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S9	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 5
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

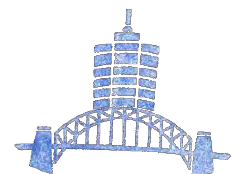
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



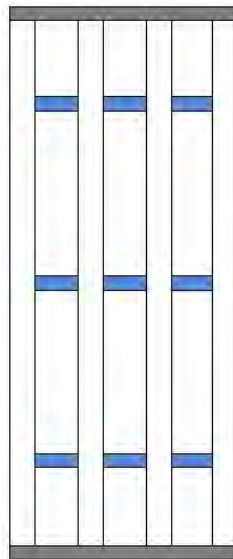
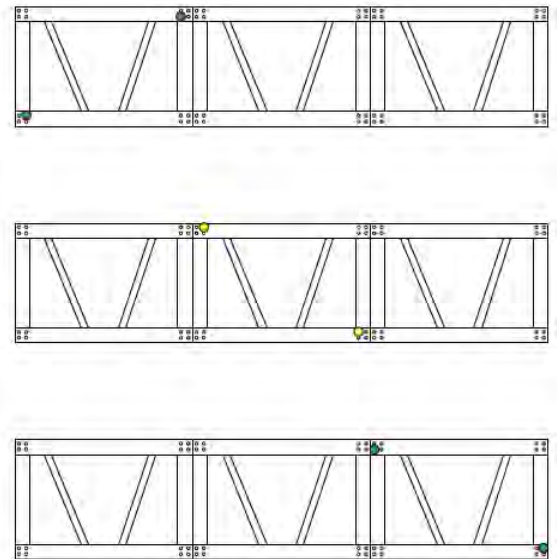
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S10	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

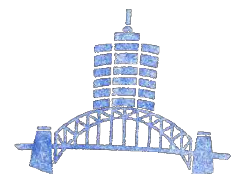
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



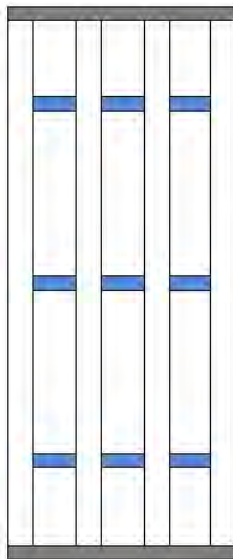
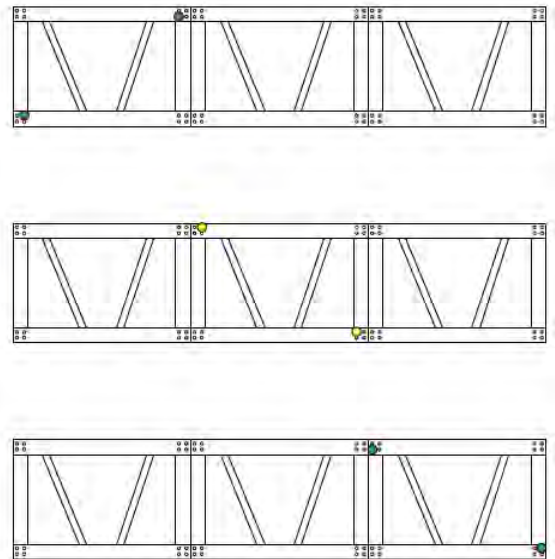
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S11	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

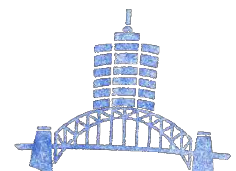
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



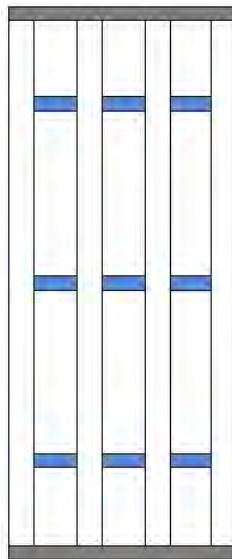
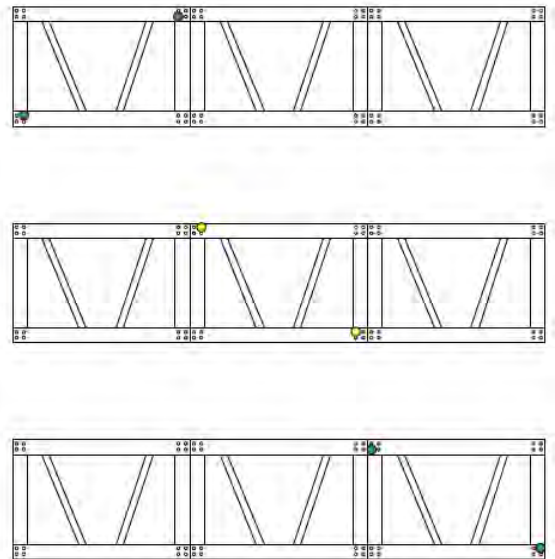
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2 ,S12	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

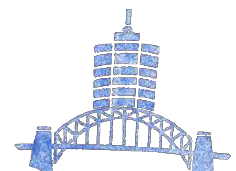
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	4
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	2
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



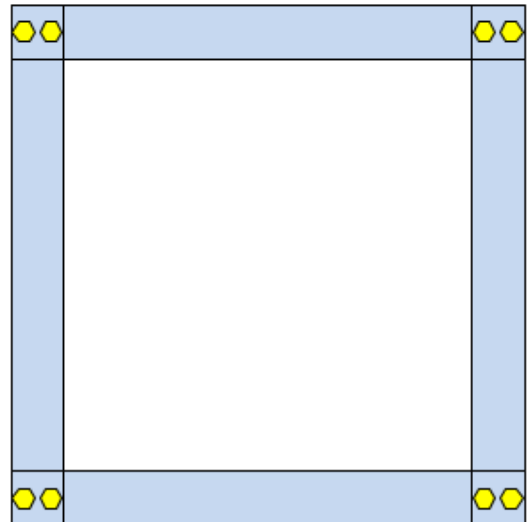
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 01
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

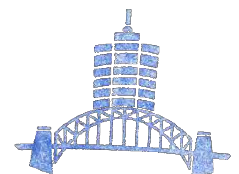
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



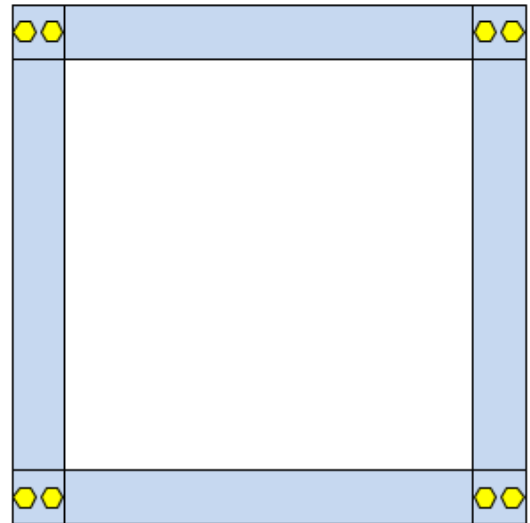
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 02
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

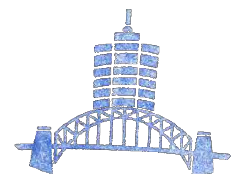
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



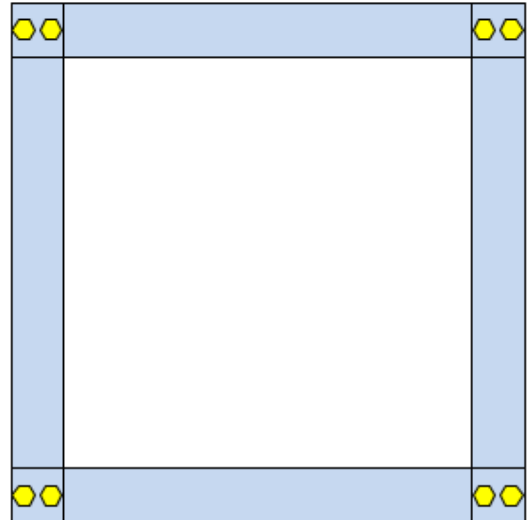
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 03
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

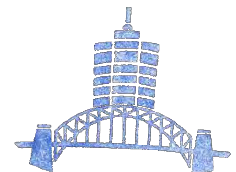
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



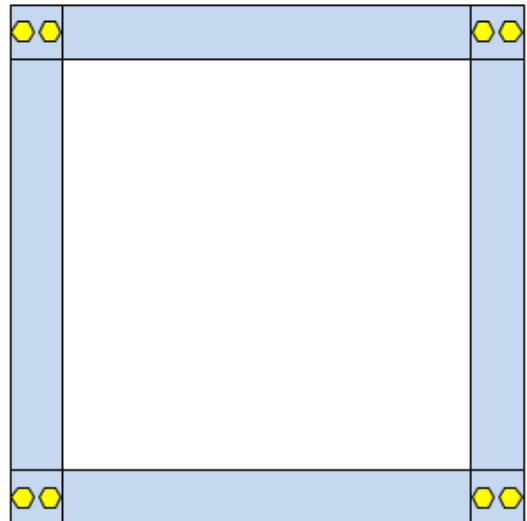
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 04
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

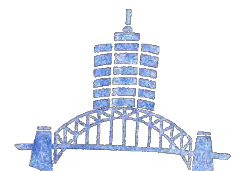
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr.Teerapoj Warachij



TORQUE TIGHTENING REPORT



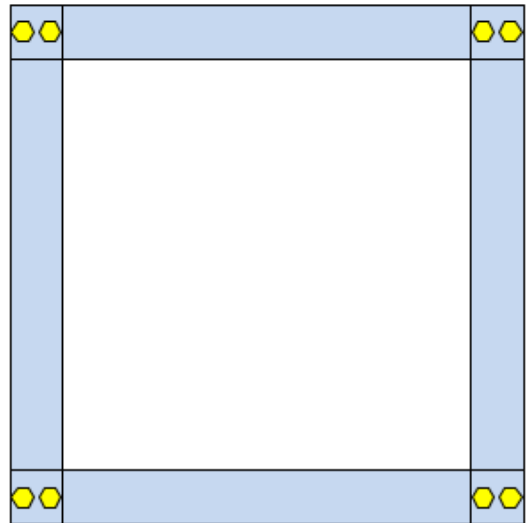
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 05
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

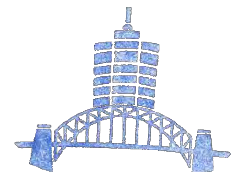
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



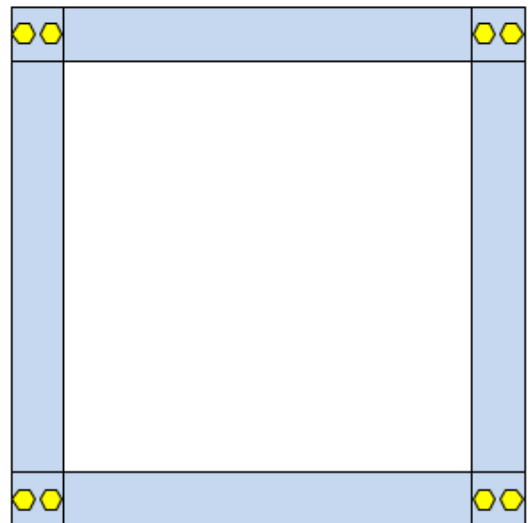
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 06
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

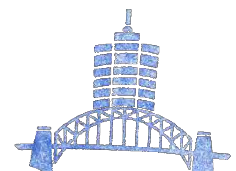
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



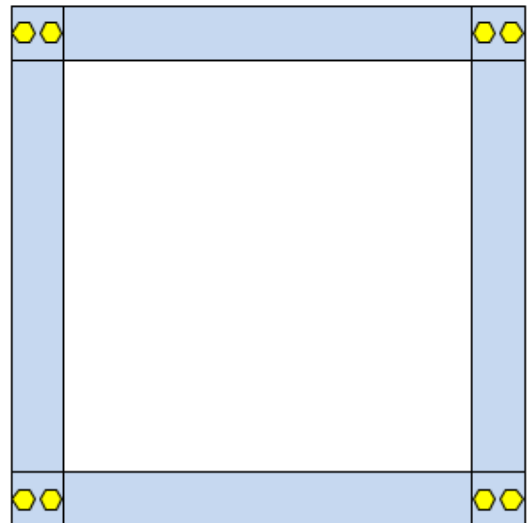
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 07
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

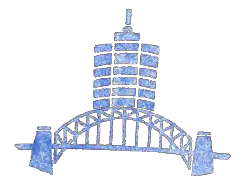
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



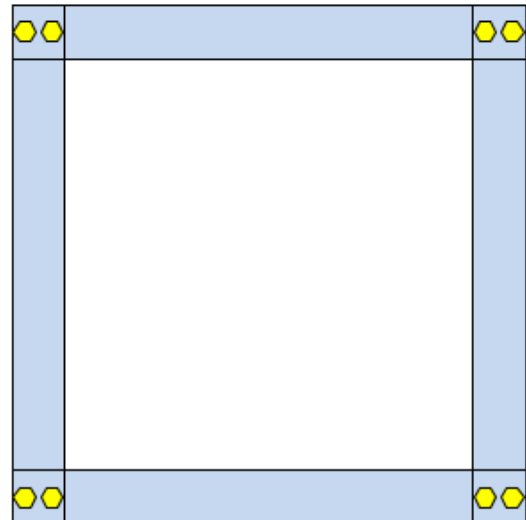
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 08
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 8
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

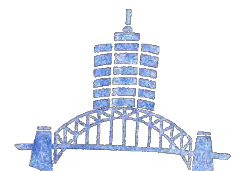
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



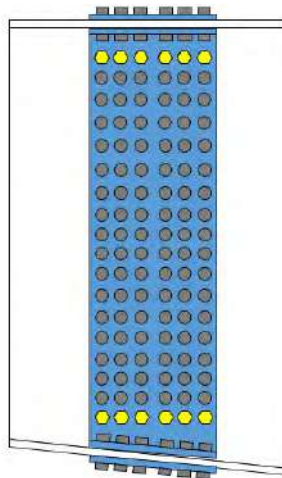
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

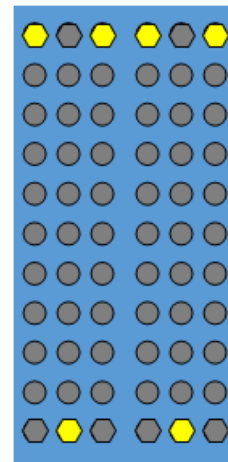
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 09
BOLT SIZE / NO.OFF	M36 1-3/8" 30Ea.	NUT A/F SIZE	55MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 10
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

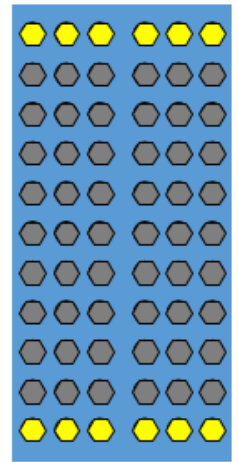
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE



TOP

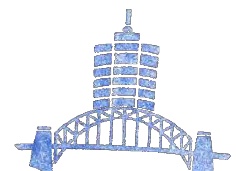


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	997	43,500	121,000	0
ขยับที่ 60% Max Torque	1,994	87,000	121,000	0
ขยับที่ 100% Max Torque	3,323	145,000	121,000	30
ไม่ขยับที่ 100% Max Torque	3,323	145,000	121,000	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



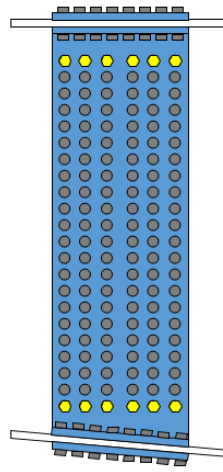
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

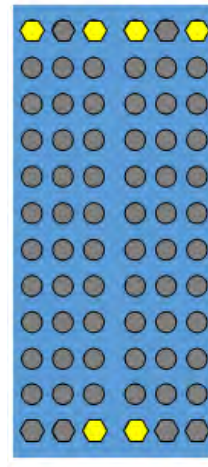
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 10
BOLT SIZE / NO.OFF	M22 7/8" 30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 9
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

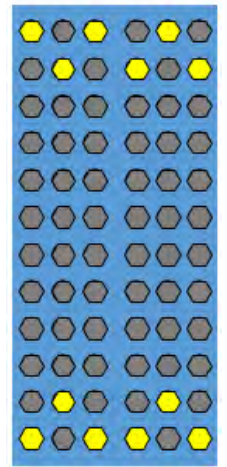
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE



TOP

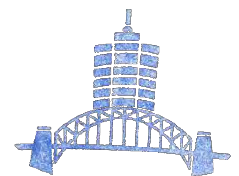


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



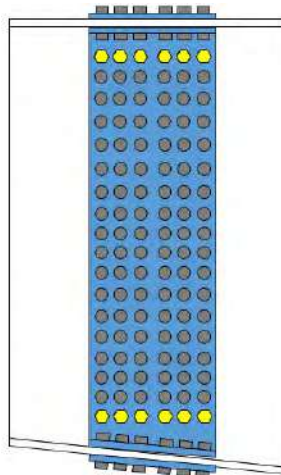
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

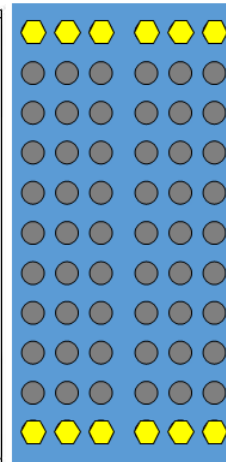
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 2	MEMBER	PIER 11
BOLT SIZE / NO.OFF	M22 7/8" 48Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 9
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

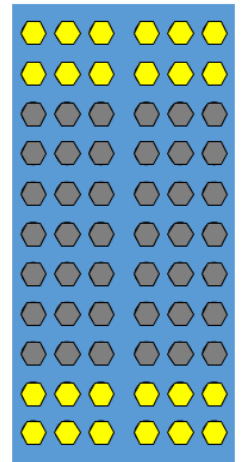
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE



TOP

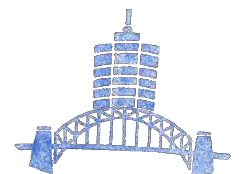


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	48
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	48

Approved by

Mr. Teerapoj Warachij



รายงานผลการตรวจสอบสลักเกลียวด้วยวิธี Torque Examination

Flyover No.3

TORQUE TIGHTENING REPORT



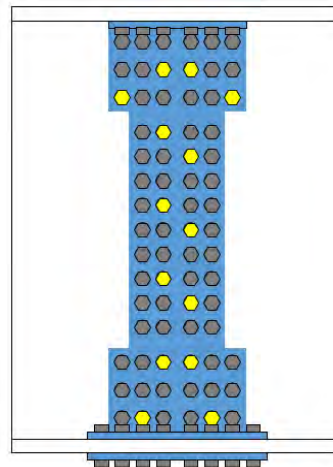
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

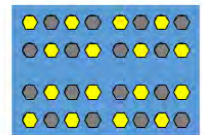
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S7	MEMBER	I-Girder 1
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

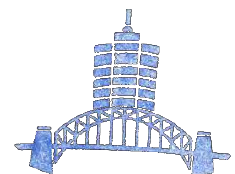


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



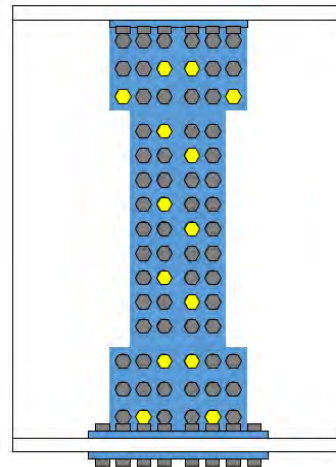
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

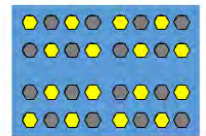
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S7	MEMBER	I-Girder 2
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

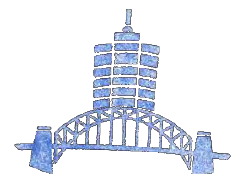


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



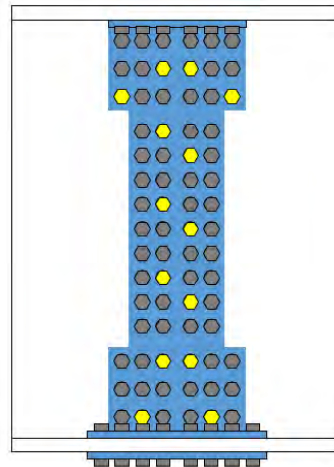
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

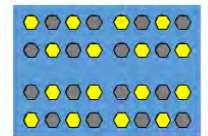
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S7	MEMBER	I-Girder 3
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

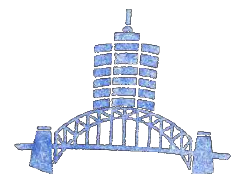


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



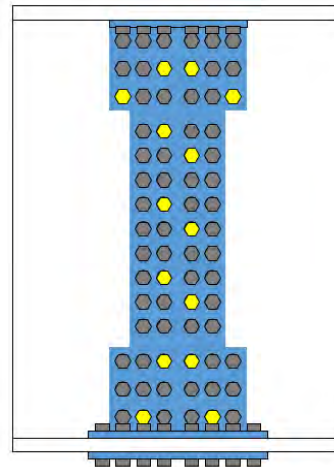
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

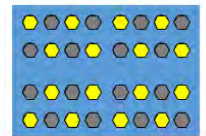
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S7	MEMBER	I-Girder 4
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

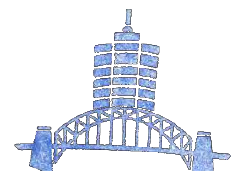


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



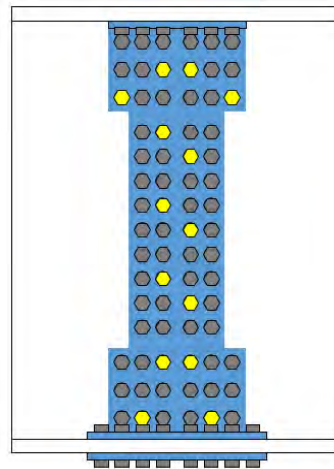
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S7	MEMBER	I-Girder 5
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 1
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



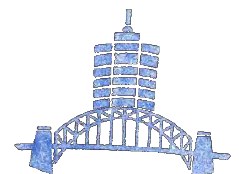
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



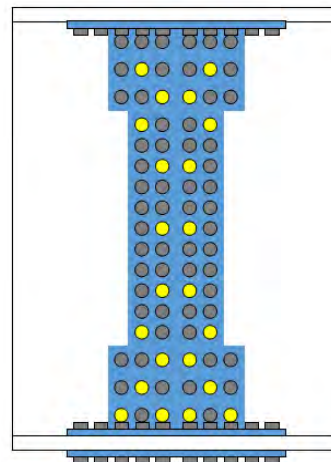
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

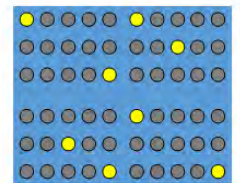
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S8	MEMBER	I-Girder 1
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

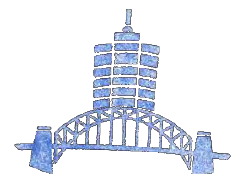


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



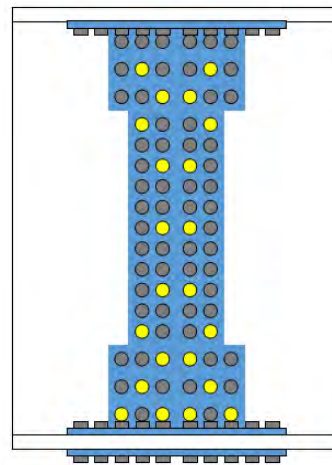
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

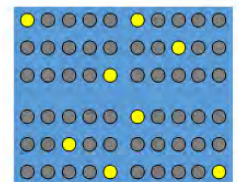
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S8	MEMBER	I-Girder 2
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

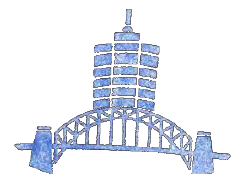


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



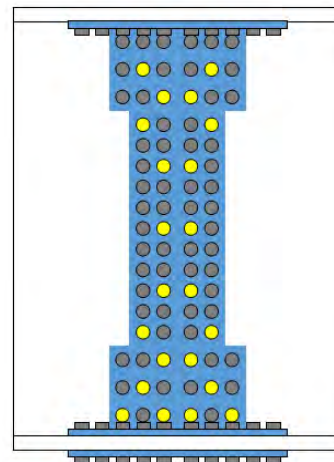
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

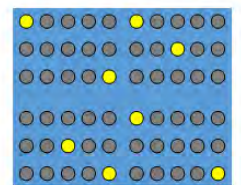
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S8	MEMBER	I-Girder 3
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

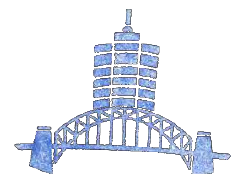


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



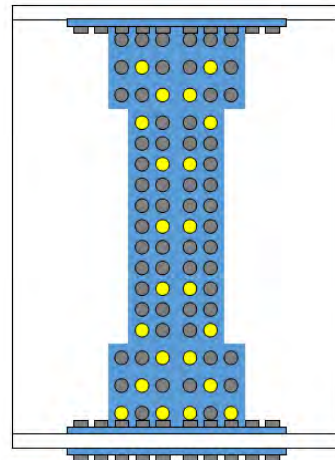
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

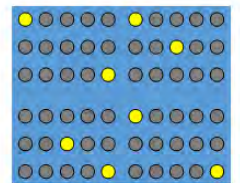
FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S8	MEMBER	I-Girder 4
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



SIDE

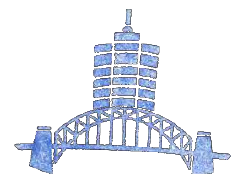


BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

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TORQUE TIGHTENING REPORT



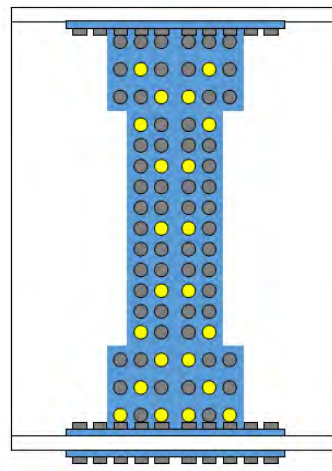
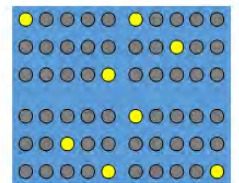
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S8	MEMBER	I-Girder 5
BOLT SIZE / NO.OFF	M22 7/8" ,30Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 2
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



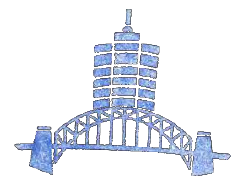
SIDE

BOTTOM

Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	30
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	0
			Sum	30

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TORQUE TIGHTENING REPORT



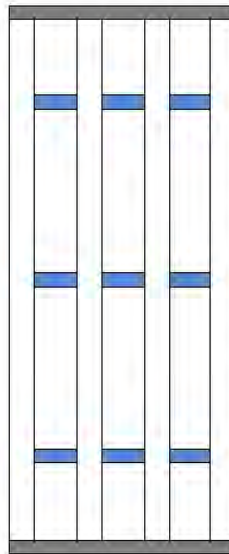
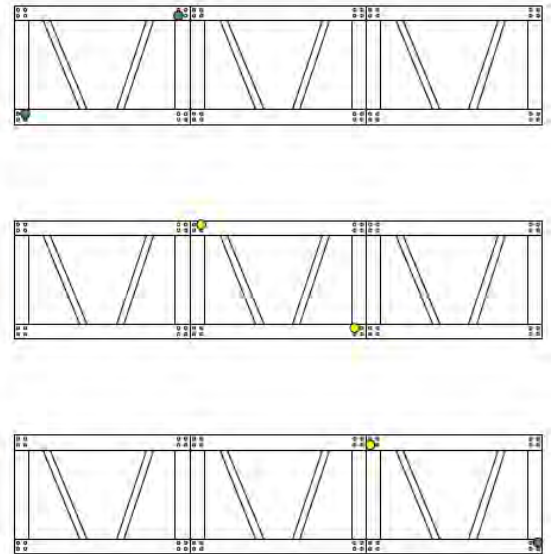
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S1	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

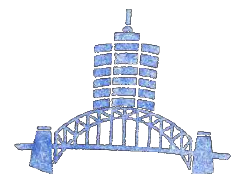
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



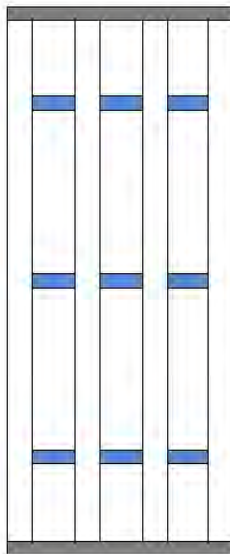
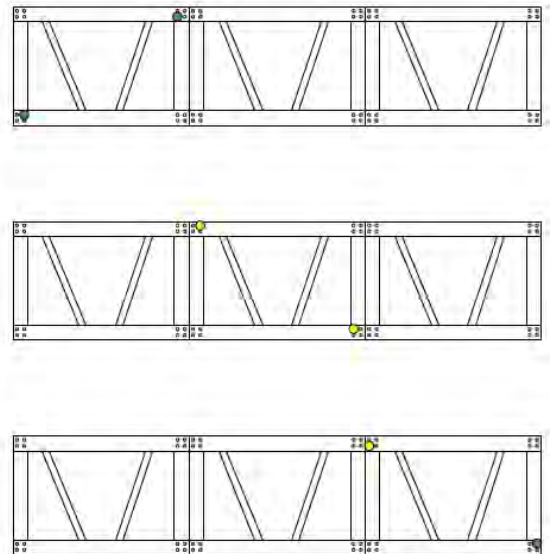
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S2	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

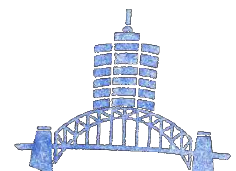
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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TORQUE TIGHTENING REPORT



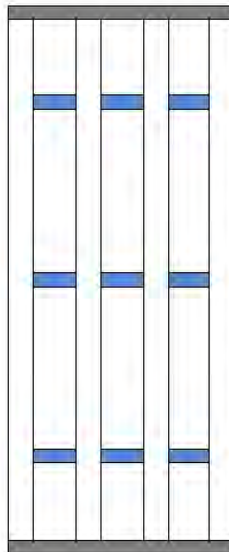
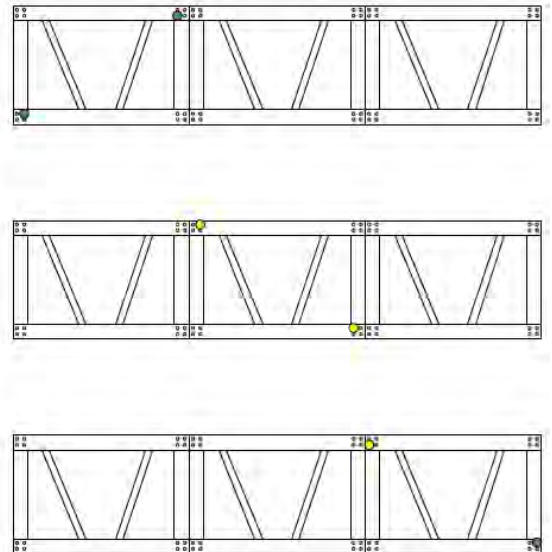
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S3	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

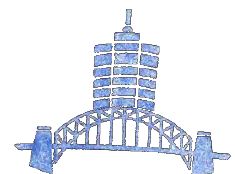
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



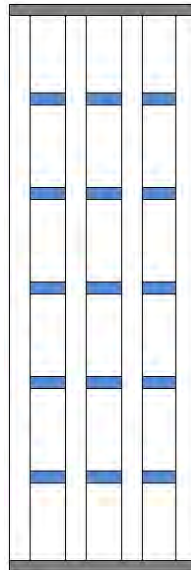
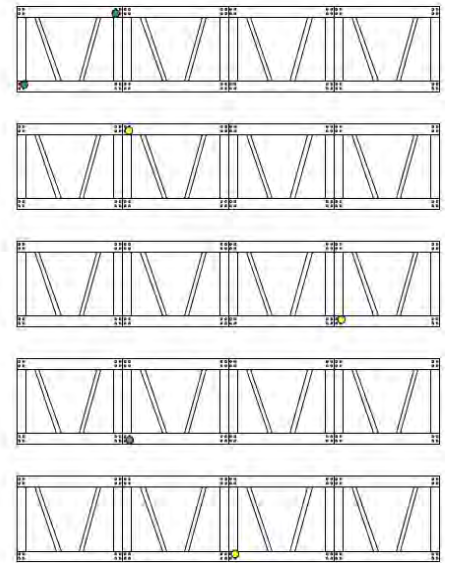
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S4	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 4
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

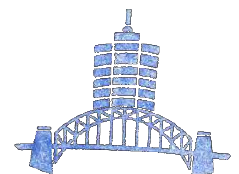
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



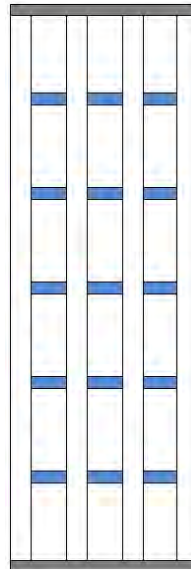
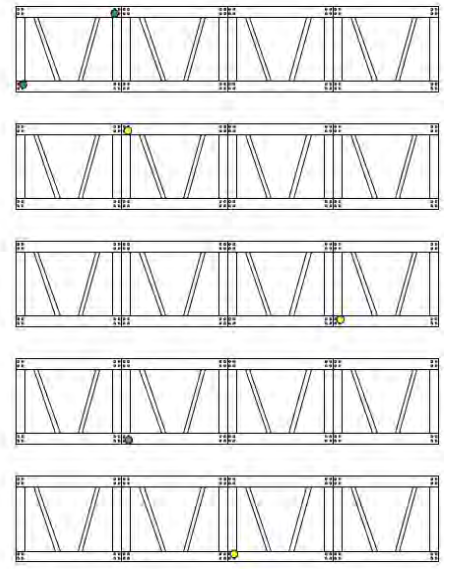
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S5	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 4
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

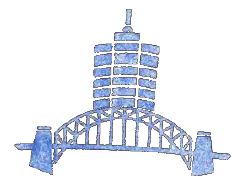
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



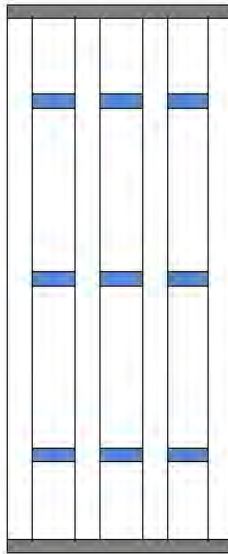
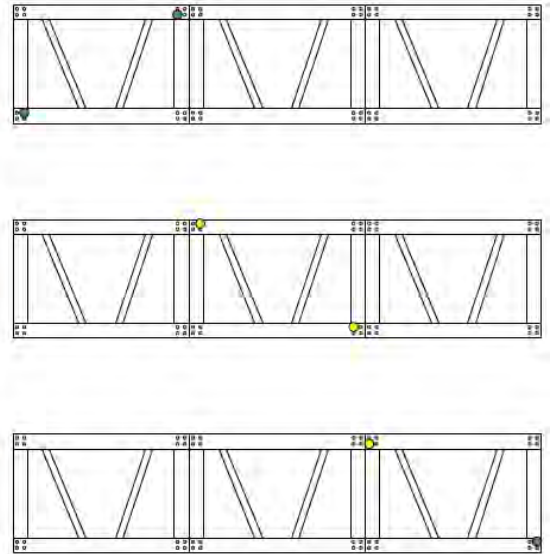
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S6	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

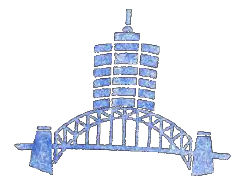
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



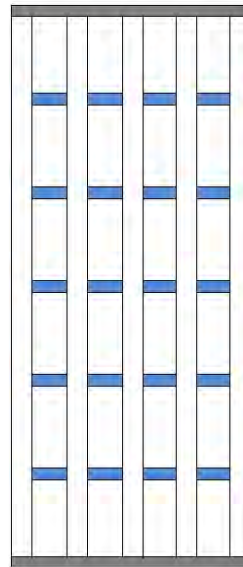
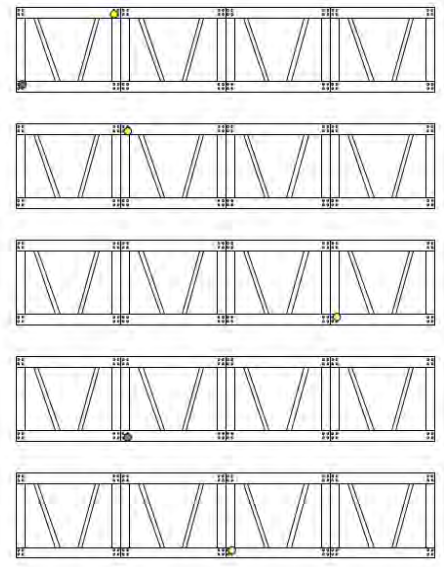
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S7	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 5
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

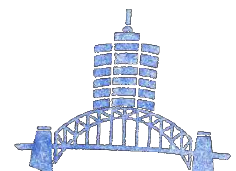
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	2
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	4
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



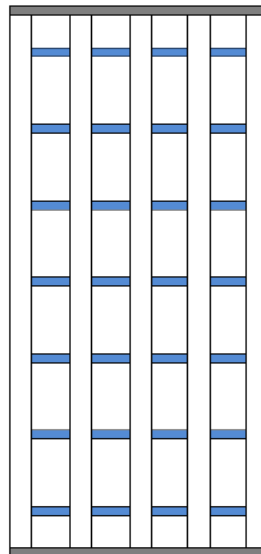
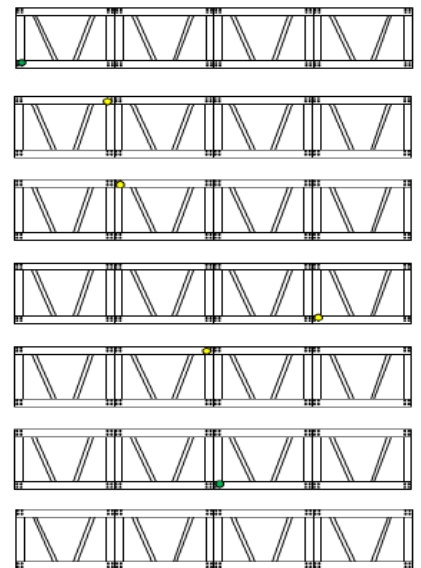
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S8	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 6
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

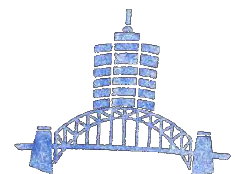
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	2
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	4
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



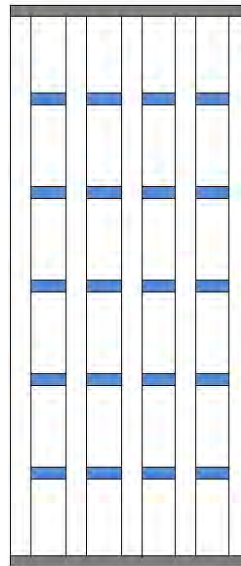
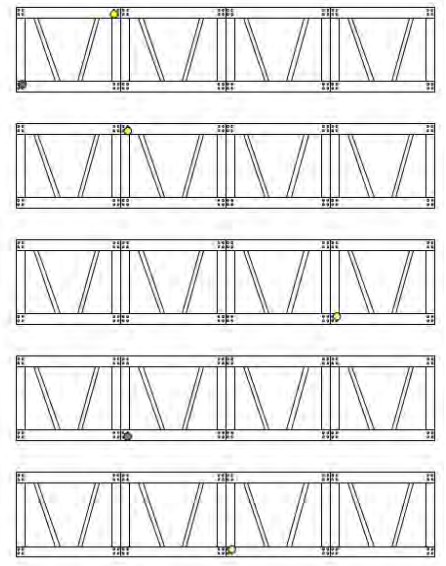
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S9	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 5
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

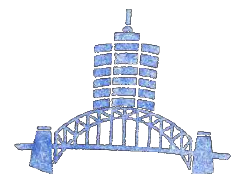
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	2
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	4
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



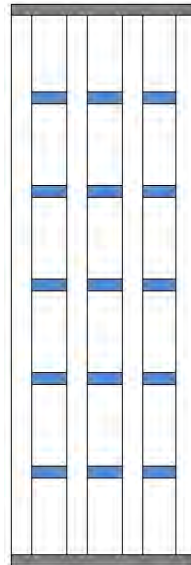
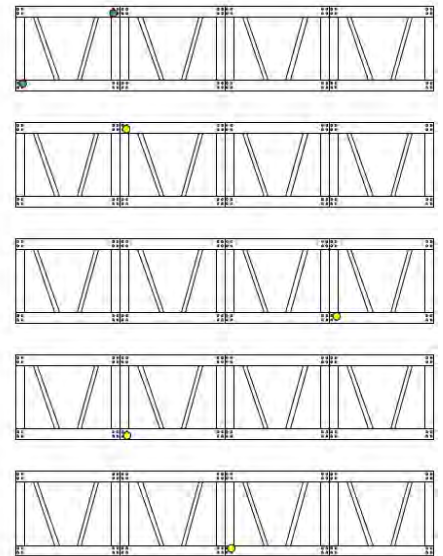
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S10	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 4
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

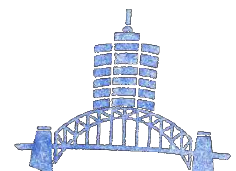
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	2
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	4
			Sum	6

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



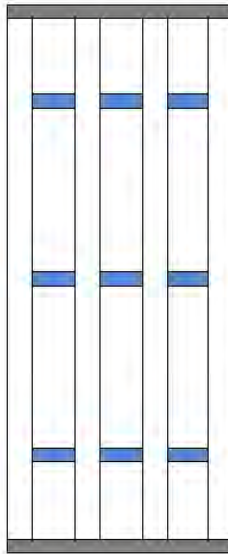
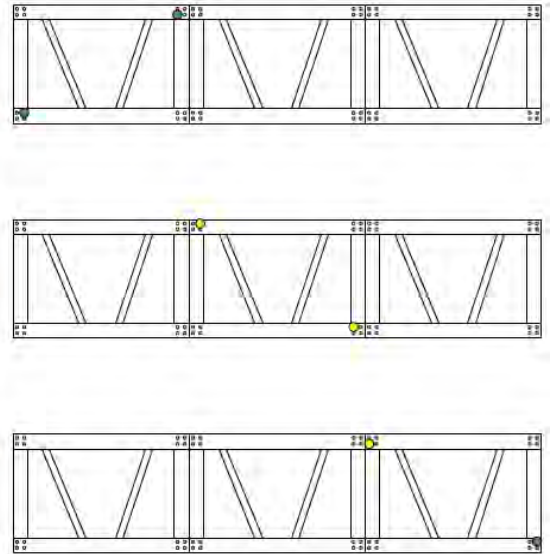
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S11	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

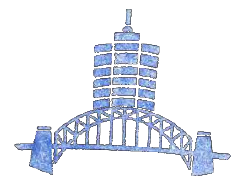
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



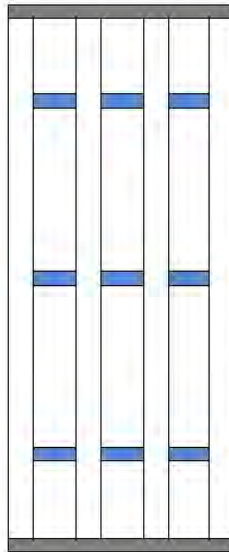
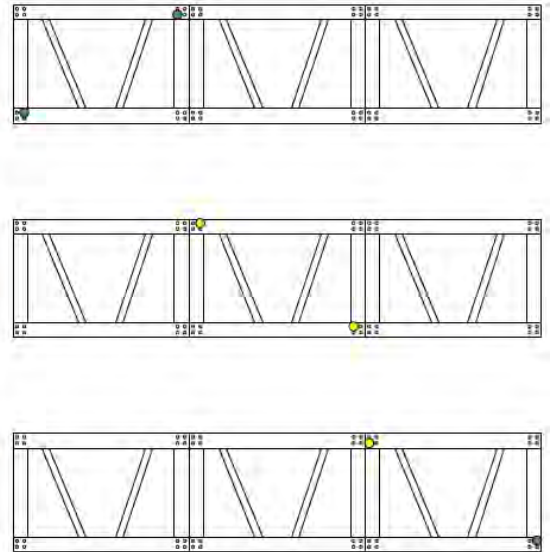
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	3MXT	E10753	651-4,379 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3 ,S12	MEMBER	MIDDLE BEAM BRACING
BOLT SIZE / NO.OFF	M22 7/8" ,6Ea.	NUT A/F SIZE	36MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 3
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

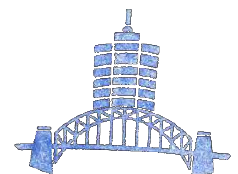
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	จำนวน
ขยับที่ 30% Max Torque	258	17,700	49,683	0
ขยับที่ 60% Max Torque	516	35,400	49,683	0
ขยับที่ 100% Max Torque	860	59,000	49,683	3
ไม่ขยับที่ 100% Max Torque	860	59,000	49,683	3
			Sum	6

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TORQUE TIGHTENING REPORT



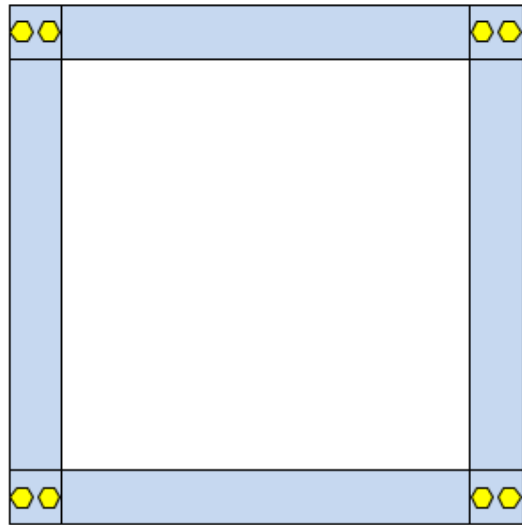
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 01
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

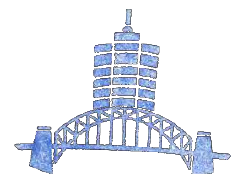
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



TORQUE TIGHTENING REPORT



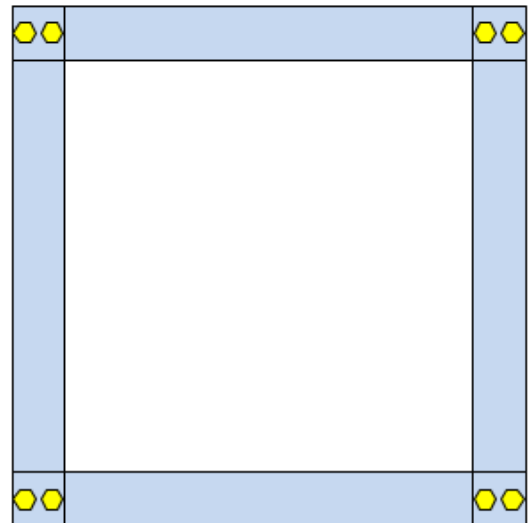
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 02
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

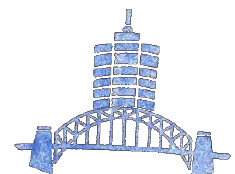
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



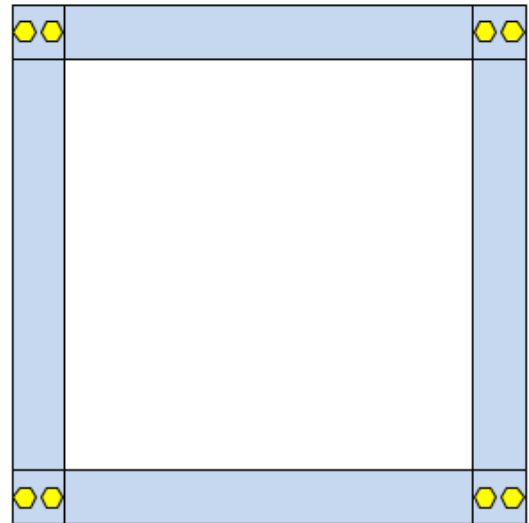
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 03
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

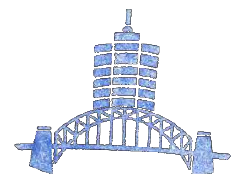
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



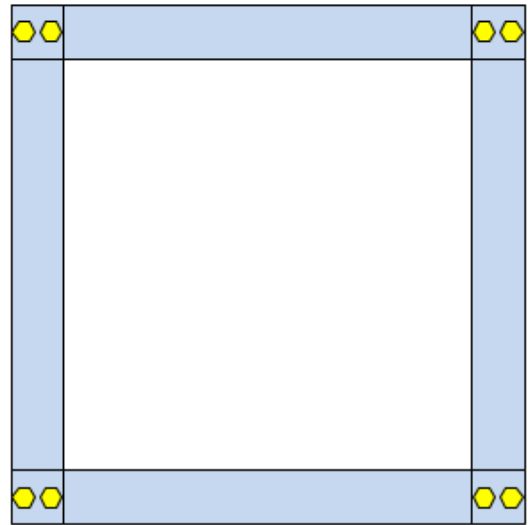
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 04
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

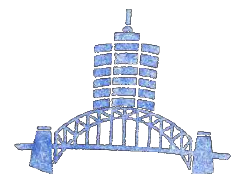
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



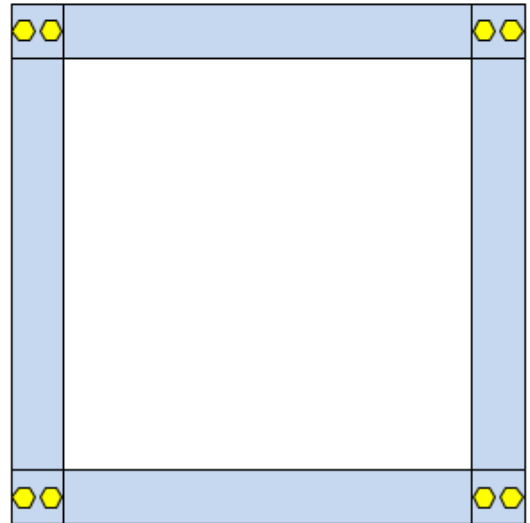
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 05
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

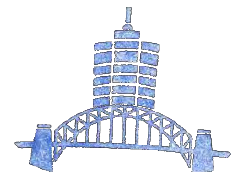
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



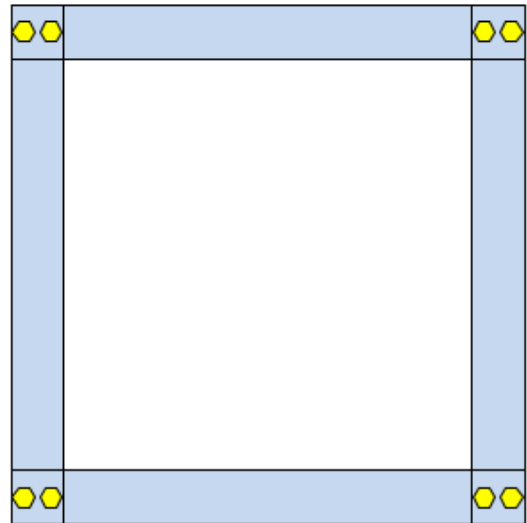
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TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 06
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

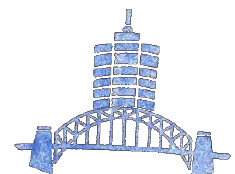
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



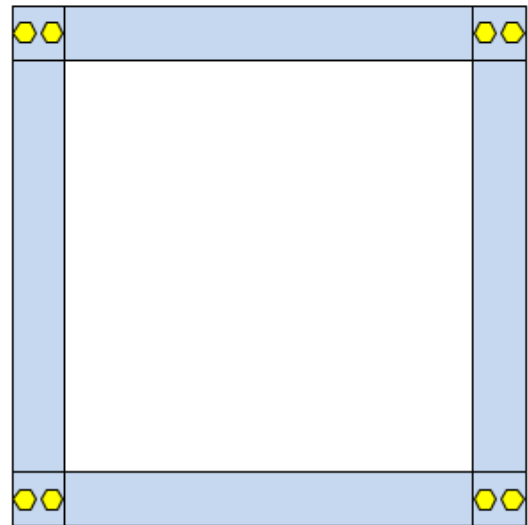
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 07
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

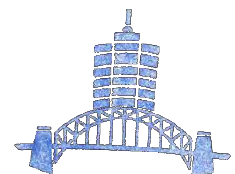
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



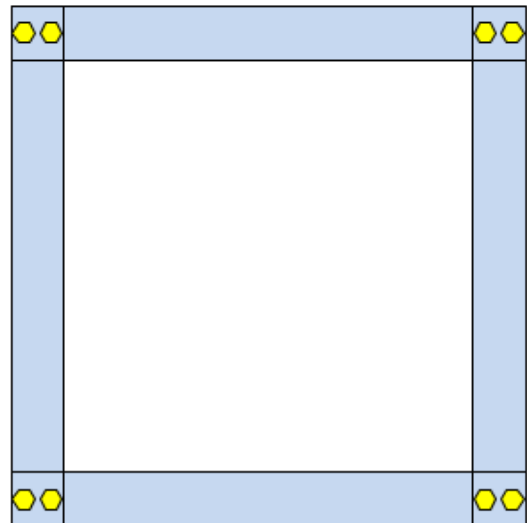
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 08
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

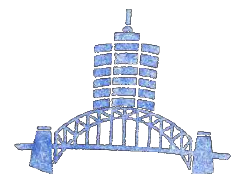
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



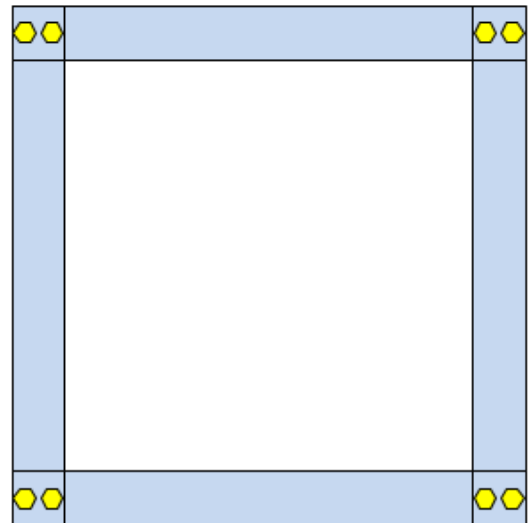
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 09
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

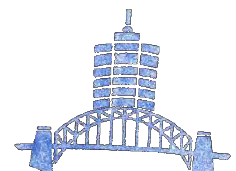
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Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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TORQUE TIGHTENING REPORT



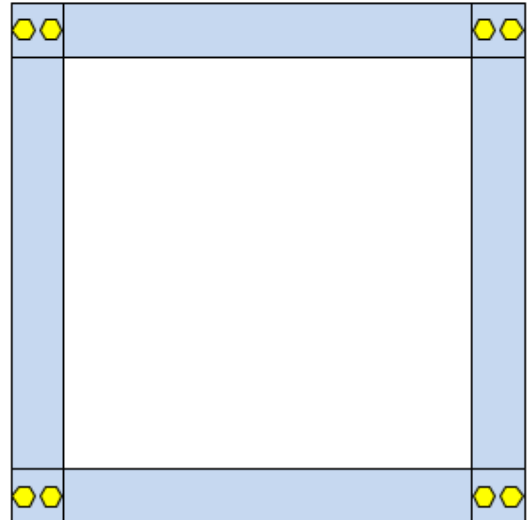
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 10
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

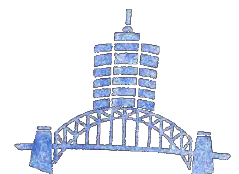
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

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Mr.Teerapoj Warachij



TORQUE TIGHTENING REPORT



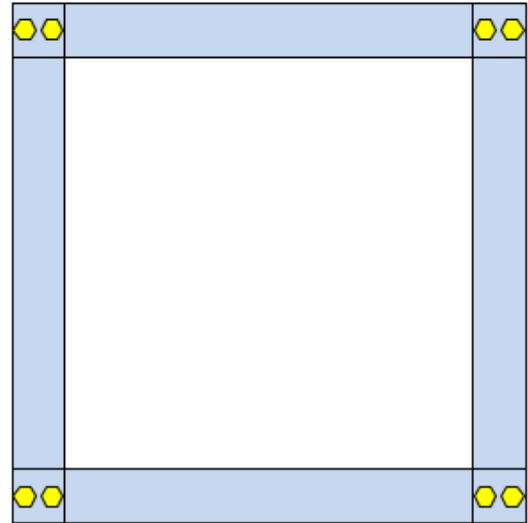
EQUIPMENT RECORD

TOOL REFERENCE	TYPE	SERIAL NO.	RANGE Mini-Max (Ft.Lbs./Nm.)PSI./Bar
Electric Pump	Hytorc QAS-230	7034628	1,000-10,000 PSI.
Torque Wrench	10MXT	D4621	2,379-15,617 Nm.
Twin line Hose	1/4"x 12 M.	0901726-01	0-10,000 PSI.

FLANGE WORK RECORD

LOCATION / REFERENCE	Lat Phrao Intersection	DATE	
BRIDGE/SPAN	FLYOVER 3	MEMBER	PIER 11
BOLT SIZE / NO.OFF	M45 1-3/4" 8Ea.	NUT A/F SIZE	70MM.
BOLT MATERIAL	ASTM A490	CONNECTION TYPE	TYPE 7
CONDITION OF FLANGE OF FRICTION	Good	REMARK	

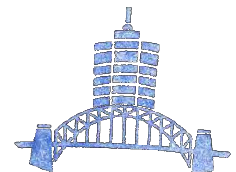
EITHER THE TORQUE OR THE TENSION SECTION MUST BE COMPLETED



Plain	Torque in (Ft.lbs.)	Tension (lbs.)	Tension Req. (lbs)	Remark
ขยับที่ 30% Max Torque	1,929	70,200	196,000	0
ขยับที่ 60% Max Torque	3,858	140,400	196,000	0
ขยับที่ 100% Max Torque	6,430	234,000	196,000	8
ไม่ขยับที่ 100% Max Torque	6,430	234,000	196,000	0
			Sum	8

Approved by

Mr. Teerapoj Warachij



Daily Maximum Stress and Cumulative Damage

Max. Cum.	Day 1		Max. Cum.	Day 2		Max. Cum.	Day 3		Max. Cum.	Summary Day 4		Max. Cum.	Day 5		Max. Cum.	Day 6		Max. Cum.	Day 7	
	Eqv.Stress	Damage		Eqv.Stress	Damage		Eqv.Stress	Damage		Eqv.Stress	Damage		Eqv.Stress	Damage		Eqv.Stress	Damage		Eqv.Stress	Damage
	(MPa)			(MPa)			(MPa)			(MPa)			(MPa)			(MPa)			(MPa)	
	27.809	3.333E-08		62.266	3.742E-07		50.989	2.055E-07		49.601	1.891E-07		60.350	3.407E-07		49.252	1.852E-07		26.903	3.018E-08
	-	6.388E-07		-	4.567E-06		-	7.084E-06		-	8.288E-06		-	7.050E-06		-	3.727E-06		-	2.010E-07

Data: Flyover 1 - Span 9 (25.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
1	62.061	12.412	2.964E-09	13.658	2.732	3.159E-11	44.647	8.929	1.103E-09	159.901	31.980	5.069E-08	108.153	21.631	1.569E-08	92.873	18.575	9.933E-09	15.586	3.117	4.695E-11
2	12.083	2.017	1.271E-11	135.371	27.074	3.076E-08	71.821	14.364	4.594E-09	227.021	45.404	1.451E-07	63.987	12.797	3.248E-09	50.426	10.085	1.590E-09	9.832	1.966	1.178E-11
3	38.745	7.749	7.212E-10	43.339	8.668	1.009E-09	48.329	9.666	1.400E-09	67.964	13.593	3.892E-09	116.139	23.228	1.942E-08	79.669	15.934	6.270E-09	59.493	11.899	2.611E-09
4	10.848	2.170	1.583E-11	120.402	24.080	2.164E-08	58.198	11.640	2.444E-09	170.405	34.081	6.135E-08	61.759	12.352	2.921E-09	53.497	10.699	1.898E-09	36.197	7.239	5.881E-10
5	10.500	2.100	1.435E-11	35.147	7.029	5.384E-10	19.073	3.815	8.603E-11	16.422	3.284	5.492E-11	50.413	10.083	1.589E-09	44.777	8.955	1.113E-09	14.759	2.952	3.986E-11
6	-31.588	0.000	0.000E+00	102.222	20.444	1.324E-08	168.886	33.777	5.973E-08	48.711	9.742	1.433E-09	46.810	9.062	1.272E-09	11.403	2.281	1.839E-11	9.007	1.801	9.060E-12
7	46.607	9.321	1.255E-09	17.018	3.404	6.111E-11	11.887	2.377	2.083E-11	16.413	3.283	5.482E-11	19.513	3.903	9.213E-11	62.875	12.575	3.082E-09	26.744	5.349	2.372E-10
8	64.558	12.912	3.336E-09	94.258	18.852	1.038E-08	102.597	20.519	1.339E-08	120.230	24.046	2.155E-08	11.411	2.282	1.842E-11	47.654	9.531	1.342E-09	10.712	2.142	1.524E-11
9	63.754	12.751	3.213E-09	108.097	21.619	1.566E-08	69.722	13.944	4.202E-09	10.057	2.011	1.261E-11	170.142	34.028	6.107E-08	42.623	8.525	9.601E-10	15.687	3.137	4.786E-11
10	60.550	12.110	2.753E-09	40.915	8.183	8.493E-10	183.394	36.679	7.648E-08	74.768	14.954	5.183E-09	17.987	3.597	7.216E-11	40.980	8.196	8.533E-10	18.383	3.677	7.703E-11
11	10.645	2.129	1.496E-11	13.194	2.639	2.848E-11	160.991	32.198	5.174E-08	122.475	24.495	2.278E-08	15.547	3.109	4.659E-11	100.648	20.130	1.264E-08	26.888	5.378	2.410E-10
12	47.870	9.574	1.360E-09	102.534	20.507	1.337E-08	23.328	4.666	1.574E-10	54.553	10.911	2.013E-09	13.726	2.745	3.206E-11	26.648	5.330	2.346E-10	10.200	0.240	1.316E-11
13	40.090	8.018	7.989E-10	27.543	5.509	2.591E-10	26.570	5.314	2.326E-10	149.087	29.817	4.109E-08	62.413	12.483	3.015E-09	76.699	15.340	5.595E-09	20.245	4.049	1.029E-10
14	47.616	9.523	1.339E-09	120.173	24.035	2.152E-08	173.534	34.707	6.480E-08	157.596	31.519	4.853E-08	31.300	6.260	3.802E-10	13.560	2.712	3.091E-11	34.724	6.945	5.191E-10
15	15.602	3.120	4.709E-11	106.207	21.241	1.485E-08	11.077	2.215	1.685E-11	50.204	10.041	1.569E-09	76.823	15.365	5.622E-09	109.647	21.929	1.634E-08	13.045	2.609	2.753E-11
16	-41.106	0.000	0.000E+00	108.398	21.680	1.579E-08	74.007	14.801	5.026E-09	11.116	2.223	1.703E-11	31.254	6.251	3.785E-10	11.684	2.337	1.977E-11	37.139	7.428	6.352E-10
17	24.778	4.956	1.886E-10	109.816	21.963	1.642E-08	73.524	14.705	4.928E-09	56.627	11.325	2.251E-09	77.443	15.489	5.759E-09	54.314	10.863	1.987E-09	12.552	2.510	2.452E-11
18	43.639	8.728	1.030E-09	91.929	18.386	9.633E-09	89.156	17.831	8.787E-09	31.603	6.321	3.914E-10	23.543	4.709	1.618E-10	16.190	3.238	5.262E-11	30.060	6.012	3.368E-10
19	11.275	2.255	1.777E-11	51.695	10.339	1.713E-09	78.258	15.652	5.943E-09	155.957	31.191	4.703E-08	158.863	31.773	4.971E-08	49.422	9.884	1.497E-09	27.918	5.584	2.698E-10
20	28.265	5.653	2.800E-10	106.821	21.364	1.511E-08	18.173	3.635	7.442E-11	18.216	3.643	7.495E-11	32.810	6.562	4.379E-10	65.853	13.171	3.541E-09	12.119	2.424	2.207E-11
21	39.866	7.973	7.856E-10	51.576	10.315	1.701E-09	13.390	2.678	2.977E-11	37.891	7.578	6.745E-10	191.684	38.337	8.733E-08	45.479	9.096	1.166E-09	15.947	3.189	5.028E-11
22	28.609	5.722	2.903E-10	52.308	10.462	1.775E-09	46.939	9.388	1.282E-09	151.133	30.227	4.280E-08	16.200	3.240	5.271E-11	75.239	15.048	5.281E-09	31.663	6.333	3.936E-10
23	49.310	9.862	1.487E-09	48.940	9.788	1.453E-09	60.123	12.025	2.695E-09	10.262	2.052	1.340E-11	40.046	8.009	7.963E-10	15.607	3.121	4.714E-11	22.737	4.547	1.457E-10
24	26.827	5.365	2.394E-10	86.042	17.208	7.898E-09	133.669	26.734	2.961E-08	63.652	12.730	3.198E-09	145.431	29.086	3.814E-08	115.746	23.149	1.923E-08	16.875	3.375	5.958E-11
25	38.169	7.634	6.895E-10	110.169	22.034	1.658E-08	46.359	9.272	1.235E-09	-42.475	0.000	0.000E+00	74.390	14.878	5.104E-09	38.684	7.737	7.177E-10	36.268	7.254	5.915E-10
26	40.792	8.158	8.416E-10	89.149	17.830	8.785E-09	38.531	7.706	7.093E-10	157.561	31.512	4.850E-08	69.270	13.854	4.121E-09	83.356	16.671	7.181E-09	29.889	5.978	3.311E-10
27	36.661	7.332	6.109E-10	24.831	4.966	1.898E-10	-19.999	0.000	0.000E+00	146.401	29.280	3.891E-08	14.031	2.806	3.425E-11	15.129	3.026	4.293E-11	35.079	7.016	5.352E-10
28	17.531	3.506	6.680E-11	33.310	6.662	4.583E-10	154.740	30.948	4.594E-08	19.328	3.866	8.952E-11	23.768	4.754	1.665E-10	53.226	10.645	1.870E-09	15.804	3.161	4.894E-11
29	50.363	10.073	1.584E-09	93.173	18.635	1.003E-08	27.810	5.562	2.667E-10	25.368	5.074	2.024E-10	49.201	9.840	1.477E-09	69.795	13.959	4.216E-09	29.711	5.942	3.252E-10
30	62.874	12.575	3.082E-09	29.302	5.860	3.120E-10	192.179	38.436	8.801E-08	11.898	2.380	2.089E-11	52.265	10.453	1.770E-09	15.462	3.092	4.583E-11	30.973	6.195	3.684E-10
31	34.657	6.931	5.161E-10	89.870	17.974	9.000E-09	53.625	10.725	1.912E-09	100.850	20.170	1.272E-08	42.176	8.435	9.302E-10	90.005	18.001	9.040E-09	21.400	4.280	1.215E-10
32	44.352	8.870	1.082E-09	92.693	18.539	9.875E-09	21.971	4.394	1.315E-10	103.528	20.706	1.376E-08	16.659	3.332	5.732E-11	77.646	15.529	5.804E-09	34.511	6.902	5.096E-10
33	40.203	8.041	8.057E-10	59.613	11.923	2.627E-09	49.452	9.890	1.499E-09	175.405	35.081	6.691E-08	98.627	19.725	1.190E-08	12.259	2.452	2.284E-11	36.654	7.331	6.106E-10
34	33.690	6.738	4.741E-10	35.978	7.196	5.774E-10	163.385	32.677	5.408E-08	70.528	14.106	4.350E-09	-36.565	0.000	0.000E+00	13.689	2.738	3.181E-11	25.578	5.116	2.075E-10
35	17.549	3.510	6.701E-11	75.597	15.119	5.357E-09	69.109	13.822	4.093E-09	121.568	24.314	2.228E-08	108.353	21.671	1.577E-08	59.231	11.846	2.577E-09	36.893	7.379	6.226E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
36	46.011	9.202	1.208E-09	26.032	5.206	2.187E-10	43.535	8.707	1.023E-09	64.787	12.957	3.372E-09	91.134	18.227	9.385E-09	103.098	20.620	1.359E-08	19.840	3.968	9.683E-11
37	51.020	10.204	1.647E-09	103.416	20.683	1.371E-08	44.578	8.916	1.098E-09	229.224	45.845	1.493E-07	120.971	24.194	2.195E-08	10.377	2.075	1.386E-11	22.172	4.434	1.351E-10
38	32.773	6.555	4.365E-10	141.971	28.394	3.548E-08	99.621	19.924	1.226E-08	222.899	44.580	1.373E-07	113.018	22.604	1.790E-08	99.102	19.820	1.207E-08	35.561	7.112	5.576E-10
39	52.846	10.569	1.830E-09	101.866	20.373	1.311E-08	101.166	20.233	1.284E-08	236.844	47.369	1.647E-07	42.918	8.584	9.802E-10	70.582	14.116	4.360E-09	17.718	3.544	6.897E-11
40	47.255	9.451	1.308E-09	100.425	20.085	1.256E-08	168.900	33.780	5.974E-08	240.915	48.183	1.734E-07	54.625	10.925	2.021E-09	19.873	3.975	9.732E-11	26.559	5.312	2.323E-10
41	15.558	3.112	4.669E-11	51.386	10.277	1.682E-09	31.873	6.375	4.015E-10	21.224	4.245	1.185E-10	57.585	11.517	2.368E-09	105.400	21.080	1.452E-08	21.747	4.349	1.275E-10
42	-53.041	0.000	0.000E+00	116.405	23.281	1.956E-08	113.430	22.686	1.810E-08	146.578	29.316	3.905E-08	100.829	20.166	1.271E-08	51.932	10.386	1.737E-09	31.901	6.380	4.025E-10
43	46.992	9.398	1.287E-09	97.785	19.557	1.159E-08	48.056	9.611	1.376E-09	52.153	10.431	1.759E-09	116.941	23.388	1.983E-08	90.195	18.039	9.098E-09	8.574	1.715	7.816E-12
44	42.207	8.441	9.322E-10	85.790	17.158	7.829E-09	12.634	2.527	2.500E-11	147.097	29.419	3.946E-08	117.170	23.434	1.995E-08	32.591	6.518	4.292E-10	15.760	3.152	4.853E-11
45	44.263	8.853	1.075E-09	119.317	23.863	2.106E-08	145.996	29.199	3.858E-08	46.120	9.224	1.216E-09	13.918	2.784	3.343E-11	87.330	17.466	8.258E-09	23.379	4.676	1.584E-10
46	61.012	12.202	2.816E-09	45.799	9.160	1.191E-09	10.654	2.131	1.499E-11	60.634	12.127	2.764E-09	17.628	3.526	6.792E-11	41.627	8.325	8.944E-10	10.717	2.143	1.526E-11
47	81.740	16.348	6.772E-09	29.824	5.965	3.289E-10	43.495	8.699	1.020E-09	168.604	33.721	5.943E-08	109.818	21.964	1.642E-08	38.155	7.631	6.887E-10	29.124	5.825	3.063E-10
48	28.499	5.700	2.870E-10	105.309	21.062	1.448E-08	77.837	15.567	5.847E-09	72.895	14.579	4.803E-09	61.493	12.299	2.883E-09	15.903	3.181	4.987E-11	30.133	6.027	3.392E-10
49	27.510	5.502	2.581E-10	63.694	12.739	3.204E-09	122.563	24.513	2.283E-08	68.329	13.666	3.955E-09	88.093	17.619	8.477E-09	79.696	15.939	6.276E-09	37.868	7.574	6.733E-10
50	10.222	2.044	1.324E-11	65.299	13.060	3.452E-09	56.942	11.388	2.289E-09	72.373	14.475	4.700E-09	44.326	8.865	1.080E-09	189.822	37.964	8.481E-08	22.359	4.472	1.386E-10
51	10.089	2.018	1.273E-11	35.450	7.090	5.524E-10	45.270	9.054	1.150E-09	238.611	47.722	1.684E-07	104.033	20.807	1.396E-08	14.788	2.958	4.010E-11	31.981	6.396	4.056E-10
52	45.198	9.040	1.145E-09	54.532	10.906	2.011E-09	55.549	11.110	2.125E-09	10.481	2.096	1.428E-11	93.567	18.713	1.016E-08	109.186	21.837	1.614E-08	28.063	5.613	2.740E-10
53	-41.821	0.000	0.000E+00	131.740	26.348	2.835E-08	120.917	24.183	2.192E-08	155.350	31.070	4.649E-08	124.867	24.973	2.414E-08	10.464	2.093	1.421E-11	9.909	1.982	1.206E-11
54	53.724	10.745	1.923E-09	102.175	20.435	1.323E-08	44.479	8.896	1.091E-09	165.784	33.157	5.650E-08	97.828	19.566	1.161E-08	52.341	10.468	1.778E-09	24.960	4.992	1.928E-10
55	54.478	10.896	2.005E-09	79.402	15.880	6.207E-09	113.467	22.693	1.811E-08	170.285	34.057	6.122E-08	123.365	24.673	2.328E-08	81.779	16.356	6.781E-09	28.016	5.603	2.727E-10
56	44.677	8.935	1.106E-09	39.952	7.990	7.907E-10	55.377	11.075	2.106E-09	113.108	22.622	1.794E-08	66.553	13.311	3.655E-09	65.892	13.178	3.547E-09	25.432	5.086	2.040E-10
57	10.095	2.019	1.276E-11	41.789	8.358	9.049E-10	51.729	10.346	1.716E-09	88.501	17.700	8.595E-09	72.586	14.517	4.742E-09	36.781	7.356	6.170E-10	22.676	4.535	1.446E-10
58	44.506	8.901	1.093E-09	111.481	22.296	1.718E-08	69.037	13.807	4.080E-09	74.401	14.880	5.106E-09	113.179	22.636	1.798E-08	85.958	17.192	7.875E-09	31.769	6.354	3.976E-10
59	97.153	19.431	1.137E-08	80.110	16.022	6.375E-09	169.330	33.866	6.020E-08	59.954	11.991	2.672E-09	88.557	17.711	8.611E-09	78.452	15.690	5.987E-09	37.085	7.417	6.324E-10
60	30.785	6.157	3.617E-10	52.167	10.433	1.760E-09	103.714	20.743	1.383E-08	59.347	11.869	2.592E-09	42.040	8.408	9.212E-10	13.981	2.796	3.388E-11	37.327	7.465	6.449E-10
61	39.590	7.918	7.694E-10	43.270	8.654	1.005E-09	64.647	12.929	3.350E-09	94.168	18.834	1.035E-08	12.850	2.570	2.631E-11	54.181	10.836	1.972E-09	26.233	5.247	2.238E-10
62	-24.654	0.000	0.000E+00	61.614	12.323	2.900E-09	159.742	31.948	5.054E-08	50.271	10.054	1.575E-09	64.168	12.834	3.276E-09	27.623	5.525	2.613E-10	25.972	5.194	2.172E-10
63	46.893	9.379	1.279E-09	49.201	9.840	1.477E-09	109.513	21.903	1.628E-08	208.731	41.746	1.128E-07	53.779	10.756	1.929E-09	67.629	13.526	3.835E-09	26.620	5.324	2.339E-10
64	63.912	12.782	3.237E-09	115.415	23.083	1.906E-08	186.255	37.251	8.011E-08	59.547	11.909	2.618E-09	87.876	17.575	8.414E-09	69.804	13.961	4.217E-09	25.511	5.102	2.059E-10
65	68.562	13.712	3.996E-09	49.405	9.881	1.495E-09	163.455	32.691	5.415E-08	185.819	37.164	7.955E-08	10.033	2.007	1.252E-11	20.264	4.053	1.032E-10	37.549	7.510	6.564E-10
66	86.524	17.305	8.031E-09	44.936	8.987	1.125E-09	91.670	18.334	9.552E-09	-71.264	0.000	0.000E+00	203.539	40.708	1.046E-07	42.925	8.585	9.807E-10	31.827	6.365	3.997E-10
67	25.491	5.098	2.054E-10	85.741	17.148	7.815E-09	115.339	23.068	1.902E-08	87.944	17.589	8.433E-09	60.003	12.001	2.679E-09	89.362	17.872	8.848E-09	25.931	5.186	2.162E-10
68	41.850	8.370	9.088E-10	14.002	2.800	3.403E-11	122.533	24.507	2.281E-08	10.090	2.018	1.274E-11	17.868	3.574	7.073E-11	19.115	3.823	8.660E-11	27.600	5.520	2.607E-10
69	10.242	2.048	1.332E-11	108.652	21.730	1.590E-08	115.350	23.070	1.903E-08	60.927	12.185	2.804E-09	164.602	32.920	5.530E-08	89.307	17.861	8.832E-09	19.999	4.000	9.918E-11
70	34.776	6.955	5.215E-10	28.016	5.603	2.727E-10	110.495	22.099	1.673E-08	115.461	23.092	1.909E-08	43.310	8.662	1.007E-09	59.118	11.824	2.562E-09	36.841	7.368	6.200E-10
71	14.495	2.899	3.776E-11	54.738	10.948	2.034E-09	157.594	31.519	4.853E-08	17.344	3.469	6.469E-11	100.143	20.029	1.245E-08	10.071	2.014	1.267E-11	24.248	4.850	1.768E-10
72	44.052	8.810	1.060E-09	112.538	22.508	1.767E-08	41.984	8.397	9.176E-10	31.479	6.296	3.868E-10	38.350	7.670	6.994E-10	43.764	8.753	1.039E-09	8.253	1.651	6.971E-12
73	23.770	4.754	1.665E-10	11.613	2.323	1.942E-11	101.902	20.380	1.312E-08	64.993	12.999	3.404E-09	54.549	10.910	2.013E-09	45.843	9.169	1.195E-09	32.811	6.562	4.380E-10
74	45.577	9.115	1.174E-09	103.978	20.796	1.394E-08	161.729	32.346	5.245E-08	57.513	11.503	2.359E-09	68.896	13.779	4.055E-09	87.637	17.527	8.345E-09	27.699	5.540	2.635E-10
75	45.954	9.191	1.203E-09	63.633	12.727	3.195E-09	119.552	23.910	2.119E-08	90.356	18.071	9.147E-09	16.765	3.353	5.842E-11	85.692	17.138	7.802E-09	35.250	7.050	5.431E-10
76	41.222	8.244	8.685E-10	55.602	11.120	2.131E-09	54.415	10.883	1.998E-09	14.096	2.819	3.472E-11	105.102	21.020	1.440E-08	56.466	11.293	2.232E-09	32.169	6.434	4.128E-10
77	48.664	9.733	1.429E-09	58.593	11.719	2.484E-09	10.166	2.033	1.303E-11	168.018	33.604	5.881E-08	86.684	17.337	8.076E-09	85.668	17.134	7.795E-09	30.422	6.084	3.491E-10
78	14.917	2.983	4.115E-11	29.099	5.820	3.055E-10	166.762	33.352	5.750E-08	57.059	11.412	2.303E-09	202.785	40.557	1.034E-07	67.395	13.479	3.796E-09	24.808	4.962	1.893E-10
79	45.027	9.005	1.132E-09	132.383	26.477	2.877E-08	27.164	5.433	2.485E-10	50.215	10.043	1.570E-09	156.366	31.273	4.740E-08	25.768	5.154	2.122E-10	31.661	6.332	3.935E-10
80	64.998	13.000	3.405E-09	30.440	6.088	3.497E-10	17.673	3.535													

Data: Flyover 1 - Span 9 (25.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
81	78.224	15.645	5.935E-09	68.977	13.795	4.069E-09	165.303	33.061	5.601E-08	54.740	10.948	2.034E-09	11.519	2.304	1.895E-11	41.521	8.304	8.876E-10	31.946	6.389	4.043E-10
82	21.924	4.385	1.307E-10	44.217	8.843	1.072E-09	171.127	34.225	6.214E-08	47.641	9.528	1.341E-09	106.886	21.377	1.514E-08	28.400	5.680	2.840E-10	25.843	5.169	2.140E-10
83	81.909	16.382	6.814E-09	79.577	15.915	6.248E-09	56.995	11.399	2.296E-09	84.491	16.898	7.479E-09	200.219	40.044	9.952E-08	94.594	18.919	1.050E-08	28.328	5.666	2.819E-10
84	84.362	16.872	7.444E-09	105.859	21.172	1.471E-08	65.668	13.134	3.511E-09	92.041	18.408	9.668E-09	99.401	19.880	1.218E-08	79.584	15.917	6.250E-09	40.116	8.023	8.005E-10
85	35.589	7.118	5.589E-10	116.192	23.238	1.945E-08	111.176	22.235	1.704E-08	173.052	34.610	6.426E-08	67.240	13.448	3.769E-09	26.334	5.267	2.264E-10	31.952	6.390	4.045E-10
86	44.980	8.996	1.128E-09	110.618	22.124	1.678E-08	17.934	3.587	7.151E-11	107.258	21.452	1.530E-08	178.243	35.649	7.021E-08	93.238	18.648	1.005E-08	22.178	4.436	1.353E-10
87	85.280	17.056	7.690E-09	37.186	7.437	6.376E-10	173.285	34.657	6.452E-08	44.756	8.951	1.112E-09	193.412	38.682	8.971E-08	29.818	5.964	3.287E-10	23.413	4.683	1.591E-10
88	41.102	8.220	8.609E-10	53.631	10.726	1.913E-09	27.651	5.530	2.621E-10	215.645	43.129	1.243E-07	35.678	7.136	5.631E-10	76.012	15.202	5.445E-09	20.416	4.083	1.055E-10
89	107.026	21.405	1.520E-08	36.271	7.254	5.917E-10	76.451	15.290	5.540E-09	107.835	21.567	1.555E-08	301.749	60.350	3.407E-07	63.584	12.717	3.187E-09	39.196	7.839	7.467E-10
90	105.463	21.093	1.454E-08	58.781	11.756	2.518E-09	109.652	21.930	1.635E-08	158.790	31.758	4.964E-08	52.240	10.448	1.768E-09	79.981	15.996	6.344E-09	21.238	4.248	1.188E-10
91	125.010	25.002	2.422E-08	103.171	20.634	1.362E-08	127.654	25.531	2.579E-08	157.952	31.590	4.886E-08	175.781	35.156	6.734E-08	39.155	7.831	7.443E-10	37.644	7.529	6.614E-10
92	78.719	15.744	6.048E-09	77.626	15.525	5.800E-09	56.602	11.320	2.248E-09	125.760	25.152	2.466E-08	92.560	18.512	9.833E-09	80.776	16.155	6.535E-09	19.507	3.901	9.204E-11
93	59.680	11.936	2.636E-09	103.298	20.660	1.367E-08	60.783	12.157	2.784E-09	20.016	4.003	9.943E-11	57.957	11.591	2.414E-09	50.473	10.095	1.594E-09	20.526	4.105	1.072E-10
94	108.792	21.758	1.597E-08	67.984	13.597	3.896E-09	113.735	22.747	1.824E-08	68.964	13.793	4.067E-09	79.125	15.825	6.142E-09	82.435	16.487	6.946E-09	27.564	5.513	2.597E-10
95	123.514	24.703	2.336E-08	50.810	10.162	1.626E-09	115.311	23.062	1.901E-08	92.697	18.539	9.876E-09	37.354	7.471	6.462E-10	163.298	32.660	5.399E-08	49.206	9.841	1.477E-09
96	75.635	15.127	5.365E-09	160.937	32.187	5.168E-08	30.605	6.121	3.554E-10	149.423	29.885	4.137E-08	180.442	36.088	7.285E-08	45.081	9.016	1.136E-09	26.460	5.292	2.297E-10
97	28.979	5.796	3.017E-10	64.853	12.971	3.382E-09	23.985	4.797	1.711E-10	99.838	19.968	1.234E-08	62.152	12.430	2.977E-09	75.180	15.036	5.269E-09	30.355	6.071	3.468E-10
98	71.217	14.243	4.479E-09	12.546	2.509	2.449E-11	87.429	17.486	8.286E-09	-214.205	0.000	0.000E+00	81.198	16.240	6.638E-09	19.300	3.860	8.914E-11	-25.622	0.000	0.000E+00
99	60.079	12.016	2.689E-09	50.882	10.176	1.633E-09	192.170	38.434	8.799E-08	92.731	18.546	9.887E-09	169.506	33.901	6.039E-08	23.635	4.727	1.637E-10	24.051	4.810	1.725E-10
100	27.192	5.438	2.493E-10	311.331	62.266	3.742E-07	254.944	50.989	2.055E-07	248.005	49.601	1.891E-07	22.613	4.523	1.434E-10	74.900	14.980	5.210E-09	24.103	4.821	1.736E-10
101	28.691	5.738	2.928E-10	45.401	9.080	1.160E-09	169.571	33.914	6.046E-08	147.976	29.595	4.018E-08	86.746	17.349	8.093E-09	83.632	16.726	7.253E-09	22.144	4.429	1.346E-10
102	119.131	23.826	2.096E-08	145.195	29.039	3.795E-08	159.700	31.940	5.050E-08	139.692	27.938	3.380E-08	59.841	11.968	2.657E-09	91.095	18.219	9.373E-09	25.301	5.060	2.008E-10
103	60.945	12.189	2.807E-09	36.229	7.246	5.896E-10	144.460	28.892	3.738E-08	85.371	17.074	7.715E-09	10.438	2.088	1.410E-11	63.905	12.781	3.236E-09	28.176	5.635	2.773E-10
104	19.304	3.861	8.919E-11	36.109	7.222	5.837E-10	159.357	31.871	5.018E-08	235.971	47.194	1.629E-07	166.287	33.257	5.701E-08	23.502	4.700	1.609E-10	30.516	6.103	3.523E-10
105	85.425	17.085	7.730E-09	112.914	22.583	1.785E-08	-66.849	0.000	0.000E+00	71.989	14.398	4.626E-09	35.544	7.109	5.568E-10	51.484	10.297	1.692E-09	30.099	6.020	3.381E-10
106	46.970	9.394	1.285E-09	159.120	31.824	4.995E-08	162.564	32.513	5.327E-08	15.253	3.051	4.400E-11	19.456	3.891	9.131E-11	80.880	16.176	6.560E-09	5.979	1.196	2.650E-12
107	63.535	12.707	3.180E-09	113.527	22.705	1.814E-08	97.846	19.569	1.161E-08	198.911	39.782	9.758E-08	54.766	10.953	2.037E-09	19.239	3.848	8.829E-11	28.485	5.697	2.866E-10
108	43.545	8.709	1.024E-09	109.732	21.946	1.638E-08	83.748	16.750	7.283E-09	166.638	33.328	5.737E-08	163.884	32.777	5.458E-08	35.592	7.118	5.590E-10	15.812	3.162	4.902E-11
109	36.371	7.274	5.965E-10	43.328	8.666	1.009E-09	137.402	27.480	3.216E-08	77.020	15.404	5.665E-09	182.983	36.597	7.597E-08	23.790	4.758	1.669E-10	25.890	5.178	2.152E-10
110	42.754	8.551	9.690E-10	75.882	15.176	5.418E-09	-127.583	0.000	0.000E+00	114.366	22.873	1.855E-08	118.190	23.638	2.047E-08	88.719	17.744	8.658E-09	25.554	5.111	2.069E-10
111	21.780	4.356	1.281E-10	67.589	13.518	3.828E-09	181.912	36.382	7.464E-08	58.560	11.712	2.490E-09	53.496	10.699	1.898E-09	14.432	2.886	3.727E-11	27.991	5.598	2.719E-10
112	83.060	16.612	7.105E-09	117.627	23.525	2.018E-08	131.523	26.305	2.821E-08	132.600	26.520	2.891E-08	87.440	17.488	8.289E-09	76.780	15.356	5.612E-09	19.955	3.991	9.853E-11
113	58.190	11.638	2.443E-09	123.213	24.643	2.319E-08	178.939	35.788	7.104E-08	180.281	36.056	7.265E-08	117.346	23.469	2.004E-08	141.039	28.208	3.479E-08	23.381	4.676	1.585E-10
114	105.748	21.150	1.466E-08	137.473	27.495	3.221E-08	30.664	6.133	3.575E-10	159.433	31.887	5.025E-08	191.383	38.277	8.692E-08	50.416	10.083	1.589E-09	24.892	4.978	1.912E-10
115	87.514	17.503	8.310E-09	35.634	7.127	5.610E-10	137.407	27.481	3.217E-08	72.603	14.521	4.745E-09	76.326	15.265	5.513E-09	17.312	3.462	6.433E-11	33.812	6.762	4.793E-10
116	88.410	17.682	8.568E-09	104.471	20.894	1.414E-08	114.515	22.903	1.862E-08	85.947	17.189	7.872E-09	38.188	7.638	6.905E-10	87.526	17.505	8.314E-09	31.526	6.305	3.885E-10
117	76.800	15.360	5.617E-09	34.739	6.948	5.198E-10	53.693	10.739	1.919E-09	114.049	22.810	1.839E-08	23.340	4.668	1.577E-10	63.831	12.766	3.225E-09	21.504	4.301	1.233E-10
118	45.154	9.031	1.142E-09	25.803	5.161	2.130E-10	96.369	19.274	1.110E-08	191.158	38.232	8.661E-08	133.804	26.761	2.970E-08	25.240	5.048	1.994E-10	25.520	5.104	2.061E-10
119	28.897	5.779	2.992E-10	66.049	13.210	3.573E-09	10.963	2.193	1.634E-11	117.847	23.569	2.029E-08	77.834	15.567	5.846E-09	54.509	10.902	2.008E-09	24.531	4.906	1.830E-10
120	55.871	11.174	2.162E-09	60.155	12.031	2.699E-09	87.555	17.511	8.322E-09	150.065	30.013	4.190E-08	97.671	19.534	1.155E-08	59.140	11.828	2.565E-09	31.040	6.208	3.708E-10
121	96.052	19.210	1.099E-08	64.556	12.911	3.336E-09	27.544	5.509	2.591E-10	103.737	20.747	1.384E-08	58.023	11.605	2.422E-09	14.823	2.965	4.039E-11	25.043	5.009	1.947E-10
122	-50.789	0.000	0.000E+00	54.406	10.881	1.997E-09	43.546	8.709	1.024E-09	175.028	35.006	6.648E-08	141.039	28.208	3.479E-08	94.129	18.826	1.034E-08	10.552	2.110	1.457E-11
123	67.597	13.519	3.830E-09	-46.739	0.000	0.000E+00	72.793	14.559	4.783E-09	129.726	25.945	2.707E-08	142.123	28.425	3.559E-08	88.383	17.677	8.560E-09	31.733	6.347	3.962E-10
124	73.082	14.616	4.840E-09	75.262	15.052	5.286E-09	35.509	7.102	5.551E-10	116.159	23.232	1.943E-08	183.203	36.641	7.624E-08	24.659	4.932	1.859E-10	22.746	4.549	1.459E-10
125	105.859	21.172	1.471E-08	-93.																	

Data: Flyover 1 - Span 9 (25.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
126	138.231	27.646	3.275E-08	53.845	10.769	1.936E-09	39.824	7.965	7.831E-10	66.642	13.328	3.670E-09	92.157	18.431	9.705E-09	25.411	5.082	2.034E-10	7.917	1.583	6.153E-12
127	20.523	4.105	1.072E-10	124.852	24.970	2.413E-08	177.182	35.436	6.897E-08	17.720	3.544	6.898E-11	50.169	10.034	1.566E-09	55.091	11.018	2.073E-09	8.017	1.603	6.388E-12
128	-37.714	0.000	0.000E+00	53.351	10.670	1.883E-09	168.341	33.668	5.915E-08	65.704	13.141	3.517E-09	48.657	9.731	1.428E-09	62.762	12.552	3.065E-09	27.978	5.596	2.715E-10
129	31.541	6.308	3.891E-10	138.486	27.697	3.293E-08	52.499	10.500	1.794E-09	81.888	16.378	6.809E-09	75.497	15.099	5.336E-09	12.325	2.465	2.322E-11	30.361	6.072	3.470E-10
130	115.013	23.003	1.886E-08	60.756	12.151	2.781E-09	20.289	4.058	1.036E-10	79.070	15.814	6.129E-09	94.113	18.823	1.034E-08	18.752	3.750	8.176E-11	23.757	4.751	1.662E-10
131	50.904	10.181	1.636E-09	47.611	9.522	1.338E-09	78.693	15.739	6.042E-09	89.101	17.820	8.771E-09	53.869	10.774	1.938E-09	16.822	3.364	5.902E-11	28.904	5.781	2.994E-10
132	56.532	11.306	2.240E-09	63.411	12.682	3.161E-09	68.937	13.787	4.062E-09	90.183	18.037	9.094E-09	57.189	11.438	2.319E-09	17.953	3.591	7.174E-11	32.573	6.515	4.285E-10
133	58.000	11.600	2.419E-09	41.985	8.397	9.176E-10	10.739	2.148	1.536E-11	36.688	7.338	6.123E-10	72.054	14.411	4.638E-09	61.189	12.238	2.841E-09	27.733	5.547	2.645E-10
134	36.652	7.330	6.105E-10	99.891	19.978	1.236E-08	119.986	23.997	2.142E-08	134.464	26.893	3.014E-08	10.308	2.062	1.358E-11	21.426	4.285	1.220E-10	62.744	12.549	3.063E-09
135	24.075	4.815	1.730E-10	67.032	13.406	3.735E-09	42.603	8.521	9.588E-10	57.324	11.465	2.336E-09	117.252	23.450	1.999E-08	51.456	10.291	1.689E-09	3.685	0.737	6.203E-13
136	54.444	10.889	2.001E-09	46.301	9.260	1.231E-09	112.992	22.598	1.789E-08	93.853	18.771	1.025E-08	34.106	6.821	4.919E-10	10.204	2.041	1.317E-11	19.281	3.856	8.887E-11
137	139.047	27.809	3.333E-08	70.697	14.139	4.381E-09	229.985	45.997	1.508E-07	116.396	23.279	1.955E-08	93.492	18.698	1.013E-08	10.074	2.015	1.268E-11	37.161	7.432	6.363E-10
138	54.970	10.994	2.060E-09	91.513	18.303	9.502E-09	161.209	32.242	5.195E-08	98.537	19.707	1.186E-08	132.465	26.493	2.882E-08	75.423	15.085	5.320E-09	12.158	2.432	2.228E-11
139	56.537	11.307	2.241E-09	67.356	13.471	3.789E-09	142.784	28.557	3.609E-08	169.737	33.947	6.063E-08	85.619	17.124	7.782E-09	14.718	2.944	3.953E-11	22.605	4.521	1.432E-10
140	76.810	15.362	5.619E-09	59.808	11.962	2.653E-09	28.484	5.697	2.866E-10	96.322	19.264	1.108E-08	162.550	32.510	5.325E-08	29.569	5.914	3.206E-10	29.894	5.979	3.312E-10
141	-71.999	0.000	0.000E+00	118.286	23.657	2.052E-08	72.594	14.519	4.743E-09	170.178	34.036	6.111E-08	84.146	16.829	7.387E-09	10.928	2.186	1.618E-11	29.922	5.984	3.322E-10
142	58.329	11.666	2.461E-09	74.022	14.804	5.029E-09	165.307	33.061	5.601E-08	143.272	28.654	3.647E-08	153.917	30.783	4.521E-08	46.682	9.336	1.261E-09	33.806	6.761	4.791E-10
143	95.629	19.126	1.084E-08	82.368	16.474	6.929E-09	-134.639	0.000	0.000E+00	127.011	25.402	2.540E-08	92.313	18.463	9.754E-09	17.426	3.485	6.561E-11	7.585	1.517	5.411E-12
144	57.582	11.516	2.367E-09	131.073	26.215	2.792E-08	68.766	13.753	4.032E-09	131.471	26.294	2.818E-08	70.741	14.148	4.389E-09	66.458	13.292	3.639E-09	32.347	6.469	4.197E-10
145	13.864	2.773	3.304E-11	99.455	19.891	1.220E-08	25.094	5.019	1.959E-10	15.051	3.010	4.228E-11	162.695	32.539	5.340E-08	56.913	11.383	2.286E-09	20.528	4.106	1.073E-10
146	55.129	11.026	2.077E-09	98.351	19.670	1.180E-08	119.666	23.933	2.125E-08	49.870	9.974	1.538E-09	11.982	2.396	2.133E-11	21.897	4.379	1.302E-10	28.610	5.722	2.904E-10
147	31.847	6.369	4.005E-10	61.322	12.264	2.859E-09	118.696	23.739	2.073E-08	72.084	14.417	4.644E-09	54.237	10.847	1.978E-09	68.754	13.751	4.030E-09	21.079	4.216	1.161E-10
148	116.671	23.334	1.969E-08	124.233	24.847	2.377E-08	41.294	8.259	8.731E-10	118.195	23.639	2.047E-08	92.410	18.482	9.785E-09	16.732	3.346	5.808E-11	27.002	5.400	2.441E-10
149	64.659	12.932	3.352E-09	46.493	9.299	1.246E-09	137.648	27.530	3.234E-08	69.438	13.888	4.151E-09	12.856	2.571	2.634E-11	90.506	18.101	9.192E-09	-7.939	0.000	0.000E+00
150	32.206	6.441	4.142E-10	56.132	11.226	2.193E-09	109.098	21.820	1.610E-08	128.011	25.602	2.601E-08	17.566	3.513	6.721E-11	16.257	3.251	5.328E-11	32.621	6.524	4.304E-10
151	113.715	22.743	1.823E-08	71.438	14.288	4.520E-09	88.939	17.788	8.723E-09	34.017	6.803	4.881E-10	47.202	9.440	1.304E-09	46.382	9.276	1.237E-09	18.174	3.635	7.443E-11
152	46.530	9.306	1.249E-09	34.570	6.914	5.123E-10	58.990	11.798	2.545E-09	-58.927	0.000	0.000E+00	86.330	17.266	7.978E-09	20.513	4.103	1.070E-10	23.781	4.756	1.668E-10
153	80.129	16.026	6.379E-09	93.162	18.632	1.003E-08	79.727	15.945	6.284E-09	138.498	27.700	3.294E-08	25.474	5.095	2.050E-10	10.517	2.103	1.442E-11	12.743	2.549	2.566E-11
154	-121.615	0.000	0.000E+00	43.547	8.709	1.024E-09	145.313	29.063	3.805E-08	142.808	28.562	3.611E-08	131.344	26.269	2.809E-08	87.766	17.553	8.382E-09	15.179	3.036	4.336E-11
155	117.834	23.567	2.029E-08	33.833	6.767	4.802E-10	161.261	32.252	5.200E-08	117.173	23.435	1.995E-08	16.581	3.316	5.652E-11	11.059	2.212	1.677E-11	9.305	1.861	9.990E-12
156	53.443	10.689	1.893E-09	48.845	9.769	1.445E-09	23.664	4.733	1.643E-10	13.073	2.615	2.771E-11	64.595	12.919	3.342E-09	14.064	2.813	3.449E-11	26.887	5.377	2.410E-10
157	-105.610	0.000	0.000E+00	42.869	8.574	9.768E-10	54.879	10.976	2.049E-09	97.110	19.422	1.135E-08	146.067	29.213	3.864E-08	57.799	11.560	2.394E-09	23.060	4.612	1.520E-10
158	39.629	7.926	7.716E-10	88.118	17.624	8.484E-09	92.287	18.457	9.746E-09	82.970	16.594	7.082E-09	21.744	4.349	1.275E-10	10.403	2.081	1.396E-11	21.017	4.203	1.151E-10
159	22.735	4.547	1.457E-10	28.554	5.711	2.887E-10	91.308	18.262	9.439E-09	174.372	34.874	6.574E-08	146.892	29.378	3.930E-08	83.583	16.717	7.240E-09	34.454	6.891	5.071E-10
160	27.276	5.455	2.516E-10	27.700	5.540	2.635E-10	140.964	28.193	3.473E-08	118.884	23.777	2.083E-08	101.610	20.322	1.301E-08	13.116	2.623	2.798E-11	23.090	4.618	1.526E-10
161	121.452	24.290	2.221E-08	76.016	15.203	5.446E-09	85.590	17.118	7.774E-09	64.241	12.848	3.287E-09	76.100	15.220	5.464E-09	23.551	4.710	1.620E-10	29.391	5.878	3.148E-10
162	41.990	8.398	9.180E-10	115.853	23.171	1.928E-08	52.204	10.441	1.764E-09	132.319	26.464	2.872E-08	20.960	4.192	1.142E-10	10.932	2.186	1.620E-11	8.853	1.771	8.602E-12
163	77.715	15.543	5.820E-09	39.851	7.970	7.847E-10	72.313	14.463	4.688E-09	128.054	43.611	1.286E-07	109.132	21.826	1.612E-08	129.515	25.903	2.694E-08	30.495	6.099	3.516E-10
164	35.610	7.122	5.599E-10	84.462	16.892	7.471E-09	33.301	6.660	4.579E-10	179.225	35.845	7.138E-08	31.912	6.382	4.029E-10	64.951	12.990	3.397E-09	6.737	1.347	3.791E-12
165	27.126	5.425	2.475E-10	42.863	8.573	9.764E-10	71.604	14.321	4.552E-09	147.394	29.479	3.970E-08	75.673	15.135	5.373E-09	10.930	2.186	1.619E-11	25.086	5.017	1.957E-10
166	46.736	9.347	1.266E-09	112.126	22.425	1.748E-08	107.031	21.406	1.520E-08	23.930	4.786	1.699E-10	18.582	3.716	7.955E-11	11.740	2.348	2.006E-11	23.022	4.604	1.513E-10
167	61.955	12.391	2.949E-09	91.504	18.301	9.500E-09	52.578	10.516	1.802E-09	155.271	31.054	4.641E-08	130.198	26.040	2.737E-08	14.517	2.903	3.793E-11	33.705	6.741	4.747E-10
168	48.606	9.721	1.424E-09	64.119	12.824	3.269E-09	116.383	23.277	1.955E-08	71.152	14.230	4.466E-09	25.162	5.032	1.975E-10	10.403	2.081	1.396E-11	26.638	5.328	2.344E-10
169	86.934	17.387	8.146E-09	34.645	6.929	5.156E-10	51.730	10.346	1.716E-09	31.982	6.396	4.056E-10	57.055	11.411	2.303E-09	11.012	2.202	1.656E-11	8.882	1.776	8.688E-12
170	57.170	11.434</																			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																						
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			
171	43.495	8.699	1.020E-09	126.434	25.287	2.506E-08	18.002	3.600	7.234E-11	157.160	31.432	4.813E-08	26.389	5.278	2.278E-10	18.294	3.659	7.592E-11	134.514	26.903	3.018E-08	
172	54.536	10.907	2.011E-09	28.471	5.694	2.861E-10	18.273	3.655	7.565E-11	78.101	15.620	5.907E-09	62.732	12.546	3.061E-09	10.602	2.120	1.478E-11	19.749	3.950	9.550E-11	
173	88.429	17.686	8.574E-09	74.612	14.922	5.150E-09	75.373	15.075	5.309E-09	142.890	28.578	3.617E-08	43.967	8.793	1.054E-09	20.793	4.159	1.115E-10	26.015	5.203	2.183E-10	
174	30.921	6.184	3.666E-10	12.997	2.599	2.722E-11	31.695	6.339	3.948E-10	53.020	10.604	1.848E-09	166.965	33.393	5.771E-08	58.600	11.720	2.495E-09	26.279	5.256	2.250E-10	
175	39.332	7.866	7.545E-10	37.814	7.563	6.704E-10	78.764	15.753	6.059E-09	60.872	12.174	2.797E-09	71.953	14.391	4.619E-09	76.388	15.278	5.527E-09	27.588	5.518	2.603E-10	
176	32.061	6.412	4.086E-10	39.712	7.942	7.766E-10	97.505	19.501	1.149E-08	39.211	7.842	7.475E-10	90.896	18.179	9.312E-09	62.756	12.551	3.064E-09	9.750	1.950	1.149E-11	
177	86.115	17.223	7.918E-09	45.632	9.126	1.178E-09	20.524	4.105	1.072E-10	19.637	3.927	9.389E-11	13.334	2.667	2.939E-11	59.807	11.961	2.652E-09	27.129	5.426	2.476E-10	
178	33.182	6.636	4.530E-10	61.126	12.225	2.832E-09	82.508	16.502	6.964E-09	87.024	17.405	8.171E-09	14.448	2.890	3.739E-11	60.733	12.147	2.778E-09	23.086	4.617	1.526E-10	
179	35.924	7.185	5.748E-10	82.072	16.414	6.855E-09	21.611	4.322	1.251E-10	189.707	37.941	8.465E-08	11.081	2.216	1.687E-11	74.728	14.946	5.174E-09	35.911	7.182	5.742E-10	
180	34.870	6.974	5.257E-10	101.179	20.236	1.284E-08	252.646	50.529	2.000E-07	111.152	22.230	1.703E-08	67.720	13.544	3.851E-09	38.646	7.729	7.157E-10	36.194	7.239	5.879E-10	
181	47.033	9.407	1.290E-09	102.354	20.471	1.330E-08	91.327	18.265	9.445E-09	49.968	9.994	1.547E-09	90.364	18.073	9.149E-09	10.903	2.181	1.607E-11	28.547	5.709	2.884E-10	
182	62.557	12.511	3.035E-09	53.494	10.699	1.898E-09	74.703	14.941	5.169E-09	12.620	2.524	2.492E-11	10.066	2.013	1.265E-11	11.097	2.219	1.695E-11	34.585	6.917	5.129E-10	
183	21.373	4.275	1.211E-10	119.286	23.857	2.105E-08	58.126	11.625	2.435E-09	152.559	30.512	4.403E-08	71.378	14.276	4.509E-09	11.411	2.282	1.842E-11	28.589	5.718	2.897E-10	
184	29.952	5.990	3.332E-10	106.070	21.214	1.480E-08	19.883	3.977	9.746E-11	68.124	13.625	3.920E-09	87.791	17.558	8.390E-09	18.342	3.668	7.651E-11	30.766	6.153	3.611E-10	
185	34.927	6.985	5.283E-10	35.180	7.036	5.398E-10	20.856	4.171	1.125E-10	176.006	35.201	6.760E-08	14.240	2.848	3.580E-11	81.854	16.371	6.800E-09	6.992	1.398	4.239E-12	
186				49.765	9.953	1.528E-09	177.297	35.459	6.910E-08	179.261	35.852	7.142E-08	71.343	14.269	4.502E-09	13.271	2.654	2.898E-11	33.805	6.761	4.790E-10	
187				41.992	8.398	9.181E-10	51.531	10.306	1.697E-09	109.002	21.800	1.606E-08	137.163	27.433	3.200E-08	11.191	2.238	1.738E-11	25.598	5.120	2.080E-10	
188				55.855	11.171	2.161E-09	13.688	2.738	3.180E-11	65.361	13.072	3.462E-09	33.687	6.737	4.740E-10	45.983	9.197	1.206E-09	22.343	4.469	1.383E-10	
189				140.258	28.052	3.421E-08	58.825	11.765	2.524E-09	52.756	10.551	1.821E-09	123.259	24.652	2.322E-08	12.778	2.556	2.587E-11	30.969	6.194	3.683E-10	
190				59.038	11.808	2.551E-09	44.908	8.982	1.123E-09	40.900	8.180	8.483E-10	12.261	2.452	2.285E-11	15.275	3.055	4.419E-11	29.005	5.801	3.026E-10	
191				39.724	7.945	7.772E-10	13.625	2.725	3.136E-11	72.113	14.423	4.650E-09	26.582	5.316	2.329E-10	66.716	13.343	3.682E-09	25.715	5.143	2.108E-10	
192				36.321	7.264	5.941E-10	18.457	3.691	7.797E-11	135.845	27.169	3.108E-08	76.656	15.331	5.585E-09	14.732	2.946	3.965E-11	25.460	5.092	2.046E-10	
193				48.695	9.739	1.432E-09	10.785	2.157	1.556E-11	209.811	41.962	1.145E-07	69.634	13.927	4.187E-09	35.490	7.098	5.542E-10	31.764	6.353	3.974E-10	
194				66.926	13.385	3.717E-09	11.510	2.302	1.891E-11	62.310	12.462	3.000E-09	10.809	2.162	1.566E-11	11.800	2.360	2.037E-11	25.108	5.022	1.963E-10	
195				18.586	3.717	7.961E-11	23.363	4.673	1.581E-10	38.553	7.711	7.105E-10	14.953	2.991	4.146E-11	113.302	22.660	1.803E-08	12.733	2.547	2.560E-11	
196				64.468	12.894	3.322E-09	99.615	19.923	1.226E-08	57.503	11.501	2.358E-09	57.628	11.526	2.373E-09	55.734	11.147	2.147E-09	7.872	1.574	6.049E-12	
197				47.105	9.421	1.296E-09	12.670	2.534	2.522E-11	190.807	38.161	8.613E-08	139.842	27.968	3.391E-08	11.581	2.316	1.926E-11	18.366	3.673	7.681E-11	
198				34.488	6.898	5.086E-10	10.675	2.135	1.509E-11	16.020	3.204	5.098E-11	84.177	16.835	7.395E-09	60.764	12.153	2.782E-09	13.377	2.675	2.968E-11	
199				43.235	8.647	1.002E-09	10.165	2.033	1.302E-11	62.276	12.455	2.995E-09	176.601	35.320	6.829E-08	10.482	2.096	1.428E-11	23.349	4.670	1.578E-10	
200				10.675	2.135	1.508E-11	90.348	18.070	9.144E-09	75.756	15.151	5.391E-09	80.110	16.022	6.375E-09	118.578	23.716	2.067E-08	80.904	16.181	6.566E-09	
201				44.218	8.844	1.072E-09	10.997	2.199	1.649E-11	87.841	17.568	8.404E-09	59.129	11.826	2.563E-09	38.737	7.747	7.207E-10	26.922	5.384	2.419E-10	
202				49.451	9.890	1.499E-09	58.774	11.755	2.517E-09	17.158	3.432	6.263E-11	85.825	17.165	7.838E-09	64.307	12.861	3.297E-09	38.648	7.730	7.158E-10	
203				41.723	8.345	9.006E-10	63.685	12.737	3.203E-09	38.790	7.758	7.237E-10	18.218	3.644	7.497E-11	133.235	26.647	2.933E-08	19.399	3.880	9.051E-11	
204				43.289	8.658	1.006E-09	29.727	5.945	3.257E-10	75.066	15.013	5.245E-09	80.804	16.161	6.542E-09	157.038	31.408	4.802E-08	22.732	4.546	1.456E-10	
205				11.791	2.358	2.033E-11	77.260	15.452	5.718E-09	51.824	10.365	1.726E-09	16.335	3.267	5.404E-11	42.676	8.535	9.637E-10	33.106	6.621	4.499E-10	
206				44.512	8.902	1.093E-09	94.580	18.916	1.049E-08	10.212	2.042	1.320E-11	11.843	2.369	2.060E-11	54.660	10.932	2.025E-09	21.906	4.381	1.303E-10	
207				48.386	9.677	1.405E-09	10.851	2.170	1.584E-11	12.640	2.528	2.504E-11	58.215	11.643	2.446E-09	17.053	3.411	6.148E-11	31.843	6.369	4.003E-10	
208				42.934	8.587	9.813E-10	65.861	13.172	3.542E-09	31.374	6.275	3.829E-10	55.942	11.188	2.171E-09	53.099	10.620	1.856E-09	23.611	4.722	1.632E-10	
209				37.676	7.535	6.631E-10	76.032	15.206	5.450E-09	23.623	4.725	1.634E-10	45.889	9.178	1.198E-09	61.370	12.274	2.866E-09	13.242	2.648	2.879E-11	
210				65.766	13.153	3.527E-09	15.430	3.086	4.555E-11	12.103	2.421	2.198E-11	27.057	5.411	2.456E-10	12.657	2.531	2.514E-11	58.022	11.604	2.422E-09	
211				60.041	12.008	2.684E-09	64.403	12.881	3.312E-09	56.538	11.308	2.241E-09	59.734	11.947	2.643E-09	20.863	4.173	1.126E-10	26.946	5.389	2.426E-10	
212				46.556	9.311	1.251E-09	78.614	15.723	6.024E-09	60.805	12.161	2.787E-09	19.036	3.807	8.553E-11	58.910	11.782	2.535E-09	28.95			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
216			60.414	12.083	2.734E-09	86.096	17.219	7.913E-09	17.559	3.512	6.713E-11	140.089	28.018	3.409E-08	20.610	4.122	1.086E-10	8.575	1.715	7.817E-12
217			61.674	12.335	2.909E-09	10.221	2.044	1.324E-11	92.278	18.456	9.743E-09	59.547	11.909	2.618E-09	109.348	21.870	1.621E-08	24.007	4.801	1.716E-10
218			44.019	8.804	1.058E-09	58.225	11.645	2.447E-09	30.674	6.135	3.579E-10	24.105	4.821	1.737E-10	23.448	4.690	1.598E-10	27.104	5.421	2.469E-10
219			49.013	9.803	1.460E-09	53.902	10.780	1.942E-09	81.604	16.321	6.738E-09	14.351	2.870	3.665E-11	64.271	12.854	3.292E-09	10.466	2.093	1.422E-11
220			11.407	2.281	1.841E-11	26.514	5.303	2.311E-10	17.976	3.595	7.203E-11	13.134	2.627	2.809E-11	53.536	10.707	1.903E-09	22.490	4.498	1.411E-10
221			10.280	2.056	1.347E-11	13.366	2.673	2.961E-11	15.065	3.013	4.239E-11	12.018	2.404	2.152E-11	118.381	23.676	2.057E-08	18.388	3.678	7.709E-11
222			46.894	9.379	1.279E-09	56.885	11.377	2.282E-09	62.446	12.489	3.019E-09	62.108	12.422	2.971E-09	12.628	2.526	2.497E-11	20.603	4.121	1.084E-10
223			62.334	12.467	3.003E-09	76.208	15.242	5.488E-09	70.328	14.066	4.313E-09	95.839	19.168	1.091E-08	10.928	2.186	1.618E-11	35.798	7.160	5.688E-10
224			47.569	9.514	1.335E-09	17.681	3.536	6.853E-11	14.175	2.835	3.531E-11	63.294	12.659	3.144E-09	10.152	2.030	1.297E-11	23.652	4.730	1.641E-10
225			11.261	2.252	1.770E-11	49.759	9.952	1.528E-09	93.055	18.611	9.991E-09	57.463	11.493	2.353E-09	51.215	10.243	1.666E-09	14.383	2.877	3.690E-11
226			53.901	10.780	1.942E-09	42.245	8.449	9.348E-10	60.016	12.003	2.680E-09	10.661	2.132	1.502E-11	76.783	15.357	5.613E-09	14.204	2.841	3.553E-11
227			49.009	9.802	1.460E-09	59.214	11.843	2.574E-09	10.341	2.068	1.371E-11	11.243	2.249	1.762E-11	20.536	4.107	1.074E-10	24.936	4.987	1.923E-10
228			64.060	12.812	3.259E-09	61.534	12.307	2.889E-09	11.115	2.223	1.703E-11	14.761	2.952	3.988E-11	112.315	22.463	1.757E-08	24.542	4.908	1.833E-10
229			14.668	2.934	3.913E-11	10.114	2.023	1.283E-11	53.324	10.665	1.880E-09	58.108	11.622	2.433E-09	71.252	14.250	4.485E-09	28.008	5.602	2.724E-10
230			61.999	12.400	2.955E-09	97.960	19.592	1.166E-08	75.438	15.088	5.323E-09	10.139	2.028	1.292E-11	113.017	22.603	1.790E-08	16.929	3.386	6.016E-11
231			49.155	9.831	1.473E-09	62.462	12.492	3.022E-09	48.239	9.648	1.392E-09	10.256	2.051	1.338E-11	77.513	15.503	5.774E-09	28.532	5.706	2.880E-10
232			12.806	2.561	2.604E-11	19.290	3.858	8.900E-11	14.223	2.845	3.567E-11	77.725	15.545	5.822E-09	117.499	23.500	2.011E-08	12.732	2.546	2.559E-11
233			51.397	10.279	1.683E-09	11.010	2.202	1.655E-11	10.653	2.131	1.499E-11	11.069	2.214	1.682E-11	51.876	10.375	1.731E-09	47.915	9.583	1.364E-09
234			58.404	11.681	2.470E-09	10.384	2.077	1.388E-11	11.250	2.250	1.765E-11	10.923	2.185	1.616E-11	135.415	27.083	3.079E-08	30.538	6.108	3.531E-10
235			10.525	2.105	1.446E-11	67.388	13.478	3.794E-09	72.526	14.505	4.730E-09	72.689	14.538	4.762E-09	11.302	2.260	1.790E-11	37.455	7.491	6.515E-10
236			22.694	4.539	1.449E-10	66.938	13.388	3.719E-09	11.478	2.296	1.875E-11	60.931	12.186	2.805E-09	116.652	23.330	1.968E-08	25.051	5.010	1.949E-10
237			60.585	12.117	2.757E-09	65.392	13.078	3.467E-09	48.850	9.770	1.445E-09	81.788	16.358	6.784E-09	41.070	8.214	8.590E-10	30.263	6.053	3.437E-10
238			44.213	8.843	1.072E-09	19.761	3.952	9.568E-11	59.110	11.822	2.561E-09	35.584	7.117	5.587E-10	110.972	22.194	1.694E-08	58.926	11.785	2.537E-09
239			68.797	13.759	4.037E-09	26.398	5.280	2.281E-10	11.289	2.258	1.784E-11	53.197	10.639	1.867E-09	10.076	2.015	1.268E-11	25.130	5.026	1.968E-10
240			27.245	5.449	2.507E-10	63.242	12.648	3.136E-09	81.077	16.215	6.608E-09	24.050	4.810	1.725E-10	57.643	11.529	2.375E-09	32.913	6.583	4.421E-10
241			47.708	9.542	1.346E-09	14.740	2.948	3.971E-11	58.238	11.648	2.449E-09	12.754	2.551	2.572E-11	10.405	2.081	1.397E-11	24.834	4.967	1.899E-10
242			50.441	10.088	1.591E-09	12.092	2.418	2.192E-11	12.086	2.417	2.189E-11	10.045	2.009	1.257E-11	11.179	2.236	1.732E-11	10.004	2.001	1.242E-11
243			10.075	2.015	1.268E-11	10.405	2.081	1.397E-11	12.549	2.510	2.450E-11	12.192	2.438	2.247E-11	75.980	15.196	5.439E-09	28.494	5.699	2.868E-10
244			33.372	6.674	4.608E-10	17.377	3.475	6.506E-11	70.887	14.177	4.417E-09	11.222	2.244	1.752E-11	12.029	2.406	2.158E-11	81.120	16.224	6.619E-09
245			31.927	6.385	4.035E-10	12.570	2.514	2.462E-11	60.763	12.153	2.782E-09	60.158	12.032	2.699E-09	56.851	11.370	2.278E-09	28.056	5.611	2.738E-10
246			51.660	10.332	1.709E-09	13.780	2.756	3.244E-11	12.561	2.512	2.457E-11	19.305	3.861	8.921E-11	31.579	6.316	3.905E-10	34.958	6.992	5.297E-10
247			58.037	11.607	2.424E-09	12.983	2.597	2.714E-11	65.700	13.140	3.516E-09	58.245	11.649	2.450E-09	57.989	11.598	2.418E-09	27.550	5.510	2.593E-10
248			50.751	10.150	1.621E-09	11.012	2.202	1.656E-11	11.670	2.334	1.970E-11	77.341	15.468	5.736E-09	68.718	13.744	4.023E-09	23.344	4.669	1.577E-10
249			11.848	2.370	2.062E-11	10.037	2.007	1.254E-11	11.629	2.326	1.950E-11	10.529	2.106	1.447E-11	89.519	17.904	8.895E-09	28.767	5.753	2.952E-10
250			60.649	12.130	2.766E-09	67.571	13.514	3.825E-09	11.195	2.239	1.739E-11	45.842	9.168	1.195E-09	48.743	9.749	1.436E-09	17.301	3.460	6.422E-11
251			31.814	6.363	3.993E-10	69.213	13.843	4.111E-09	64.990	12.998	3.404E-09	16.262	3.252	5.333E-11	11.281	2.256	1.780E-11	29.781	5.956	3.275E-10
252			52.738	10.548	1.819E-09	68.481	13.696	3.982E-09	10.115	2.023	1.283E-11	13.586	2.717	3.109E-11	171.954	34.391	6.304E-08	27.336	5.467	2.533E-10
253			10.465	2.093	1.421E-11	11.197	2.239	1.741E-11	63.611	12.722	3.191E-09	59.659	11.932	2.633E-09	43.814	8.763	1.043E-09	28.102	5.620	2.752E-10
254			10.906	2.181	1.608E-11	10.731	2.146	1.532E-11	11.490	2.298	1.881E-11	42.293	8.459	9.380E-10	11.989	2.398	2.137E-11	37.941	7.588	6.772E-10
255			51.825	10.365	1.726E-09	22.318	4.464	1.378E-10	11.903	2.381	2.091E-11	11.087	2.217	1.690E-11	12.070	2.414	2.181E-11	33.539	6.708	4.678E-10
256			46.918	9.384	1.281E-09	12.872	2.574	2.644E-11	14.011	2.802	3.410E-11	71.422	14.284	4.517E-09	37.958	7.592	6.781E-10	27.526	5.505	2.586E-10
257			11.041	2.208	1.669E-11	65.390	13.078	3.467E-09	70.261	14.052	4.301E-09	11.230	2.246	1.756E-11	20.206	4.041	1.023E-10	24.979	4.996	1.932E-10
258			27.120	5.424	2.473E-10	11.603	2.321	1.937E-11	65.382	13.076	3.465E-09	57.621	11.524	2.372E-09	63.572	12.714	3.186E-09	22.378	4.476	1.390E-10
259			10.614	2.123	1.483E-11	71.339	14.268	4.502E-09	14.136	2.827	3.502E-11	15.435	3.087	4.559E-11	22.168	4.434	1.351E-10	29.536	5.907	3.195E-10
260			24.251	4.850	1.768E-10	10.665	2.133	1.504E-11	11.737	2.347	2.005E-11	69.561	13.912	4.173E-09	125.847	25.169	2.471E-08	32.104	6.421	4.103E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
261				10.153	2.031	1.298E-11	13.070	2.614	2.768E-11	60.323	12.065	2.722E-09	10.973	2.195	1.638E-11	46.992	9.398	1.287E-09	29.490	5.898	3.180E-10
262				14.729	2.946	3.962E-11	65.565	13.113	3.495E-09	10.938	2.188	1.623E-11	53.716	10.743	1.922E-09	53.398	10.680	1.888E-09	24.755	4.951	1.881E-10
263				22.312	4.462	1.377E-10	62.807	12.561	3.072E-09	71.265	14.253	4.488E-09	41.106	8.221	8.612E-10	13.653	2.731	3.155E-11	28.386	5.677	2.836E-10
264				41.719	8.344	9.003E-10	11.781	2.356	2.028E-11	21.771	4.354	1.280E-10	14.196	2.839	3.548E-11	62.214	12.443	2.986E-09	23.953	4.791	1.704E-10
265				50.171	10.034	1.566E-09	19.115	3.823	8.660E-11	13.947	2.789	3.364E-11	43.015	8.603	9.868E-10	44.288	8.858	1.077E-09	34.286	6.857	4.998E-10
266				13.715	2.743	3.199E-11	22.730	4.546	1.456E-10	67.441	13.488	3.803E-09	58.779	11.756	2.518E-09	35.786	7.157	5.683E-10	19.330	3.866	8.956E-11
267				44.252	8.850	1.074E-09	53.537	10.707	1.903E-09	10.736	2.147	1.534E-11	82.013	16.403	6.840E-09	13.159	2.632	2.825E-11	29.844	5.969	3.296E-10
268				42.769	8.554	9.700E-10	12.390	2.478	2.358E-11	14.247	2.849	3.585E-11	19.050	3.810	8.571E-11	14.056	2.811	3.443E-11	35.347	7.069	5.476E-10
269				10.705	2.141	1.521E-11	10.165	2.033	1.302E-11	11.837	2.367	2.056E-11	57.129	11.426	2.312E-09	56.230	11.246	2.204E-09	26.177	5.235	2.224E-10
270				10.694	2.139	1.517E-11	61.285	12.257	2.854E-09	51.462	10.292	1.690E-09	58.851	11.770	2.527E-09	101.722	20.344	1.305E-08	23.457	4.691	1.600E-10
271				11.558	2.312	1.915E-11	10.274	2.055	1.345E-11	13.424	2.685	2.999E-11	64.437	12.887	3.317E-09	10.690	2.138	1.515E-11	39.172	7.834	7.453E-10
272				12.020	2.404	2.153E-11	13.523	2.705	3.066E-11	10.703	2.141	1.520E-11	35.319	7.064	5.463E-10	117.597	23.519	2.016E-08	36.932	7.386	6.246E-10
273				12.003	2.401	2.144E-11	10.046	2.009	1.257E-11	75.286	15.057	5.291E-09	22.100	4.420	1.338E-10	35.901	7.180	5.737E-10	32.654	6.531	4.317E-10
274				11.001	2.200	1.651E-11	70.970	14.194	4.432E-09	11.696	2.339	1.984E-11	10.805	2.161	1.564E-11	53.115	10.623	1.858E-09	33.457	6.691	4.644E-10
275				12.792	2.558	2.595E-11	15.164	3.033	4.324E-11	84.091	16.818	7.373E-09	60.266	12.053	2.714E-09	78.495	15.699	5.997E-09	25.913	5.183	2.157E-10
276				43.439	8.688	1.016E-09	13.753	2.751	3.226E-11	14.325	2.865	3.645E-11	58.813	11.763	2.522E-09	117.126	23.425	1.992E-08	25.149	5.030	1.972E-10
277				14.364	2.873	3.675E-11	13.001	2.600	2.725E-11	12.960	2.592	2.699E-11	25.554	5.111	2.069E-10	54.735	10.947	2.033E-09	6.908	1.382	4.088E-12
278				15.495	3.099	4.613E-11	61.629	12.326	2.902E-09	29.359	5.872	3.138E-10	110.215	22.043	1.660E-08	102.282	20.456	1.327E-08	27.497	5.499	2.578E-10
279				50.301	10.060	1.578E-09	64.932	12.986	3.394E-09	13.849	2.770	3.294E-11	114.222	22.844	1.848E-08	12.229	2.446	2.267E-11	37.353	7.471	6.462E-10
280				27.878	5.576	2.686E-10	11.481	2.296	1.876E-11	55.691	11.138	2.142E-09	14.449	2.890	3.740E-11	10.787	2.157	1.556E-11	34.921	6.984	5.280E-10
281				37.339	7.468	6.455E-10	61.518	12.304	2.887E-09	10.863	2.173	1.590E-11	114.812	22.962	1.877E-08	58.551	11.710	2.489E-09	26.513	5.303	2.311E-10
282				50.545	10.109	1.601E-09	53.748	10.750	1.925E-09	56.516	11.303	2.238E-09	29.046	5.809	3.038E-10	79.332	15.866	6.191E-09	33.433	6.687	4.633E-10
283				27.515	5.503	2.583E-10	10.464	2.093	1.421E-11	15.094	3.019	4.264E-11	62.556	12.511	3.035E-09	65.833	13.167	3.538E-09	28.053	5.611	2.737E-10
284				18.558	3.712	7.924E-11	14.661	2.932	3.908E-11	67.875	13.575	3.877E-09	118.747	23.749	2.076E-08	75.269	15.054	5.287E-09	32.653	6.531	4.317E-10
285				44.487	8.897	1.092E-09	12.473	2.495	2.406E-11	19.216	3.843	8.798E-11	11.695	2.339	1.983E-11	11.124	2.225	1.707E-11	34.910	6.982	5.275E-10
286				45.253	9.051	1.149E-09	12.578	2.516	2.467E-11	20.272	4.054	1.033E-10	50.115	10.023	1.561E-09	72.853	14.571	4.794E-09	30.539	6.108	3.531E-10
287				10.084	2.017	1.271E-11	21.758	4.352	1.277E-10	12.014	2.403	2.150E-11	79.535	15.907	6.238E-09	62.256	12.451	2.992E-09	30.535	6.107	3.530E-10
288				58.672	11.734	2.504E-09	12.327	2.465	2.323E-11	13.136	2.627	2.810E-11	116.543	23.309	1.963E-08	10.418	2.084	1.402E-11	26.666	5.333	2.351E-10
289				49.952	9.990	1.545E-09	57.125	11.425	2.311E-09	10.896	2.179	1.604E-11	59.227	11.845	2.576E-09	61.405	12.281	2.871E-09	28.083	5.617	2.746E-10
290				10.339	2.068	1.370E-11	21.353	4.271	1.207E-10	54.655	10.931	2.024E-09	28.639	5.728	2.912E-10	30.913	6.183	3.663E-10	12.104	2.421	2.199E-11
291				90.212	18.042	9.103E-09	-113.125	0.000	0.000E+00	23.282	4.656	1.565E-10	54.263	10.853	1.981E-09	10.928	2.186	1.618E-11	27.539	5.508	2.590E-10
292				84.384	16.877	7.450E-09	55.602	11.120	2.131E-09	10.729	2.146	1.531E-11	26.566	5.313	2.325E-10	131.286	26.257	2.806E-08	30.248	6.050	3.432E-10
293				33.347	6.669	4.598E-10	43.121	8.624	9.941E-10	13.972	2.794	3.382E-11	25.696	5.139	2.104E-10	58.465	11.693	2.478E-09	34.046	6.809	4.893E-10
294				44.334	8.867	1.080E-09	14.652	2.930	3.900E-11	64.721	12.944	3.361E-09	113.339	22.668	1.805E-08	11.050	2.210	1.673E-11	12.170	2.434	2.235E-11
295				100.247	20.049	1.249E-08	10.817	2.163	1.569E-11	10.436	2.087	1.409E-11	24.805	4.961	1.892E-10	120.038	24.008	2.145E-08	35.245	7.049	5.429E-10
296				16.384	3.277	5.453E-11	13.035	2.607	2.746E-11	10.612	2.122	1.482E-11	29.548	5.910	3.199E-10	12.035	2.407	2.162E-11	33.412	6.682	4.625E-10
297				45.913	9.183	1.200E-09	11.724	2.345	1.998E-11	60.457	12.091	2.740E-09	55.865	11.173	2.162E-09	58.646	11.729	2.501E-09	12.695	2.539	2.537E-11
298				11.204	2.241	1.744E-11	67.063	13.413	3.740E-09	14.037	2.807	3.430E-11	13.480	2.696	3.037E-11	10.405	2.081	1.397E-11	35.460	7.092	5.529E-10
299				46.776	9.355	1.269E-09	10.391	2.078	1.391E-11	67.743	13.549	3.855E-09	119.790	23.958	2.131E-08	66.602	13.320	3.663E-09	38.258	7.652	6.943E-10
300				22.494	4.499	1.411E-10	54.679	10.936	2.027E-09	14.188	2.838	3.541E-11	55.474	11.095	2.117E-09	11.079	2.216	1.686E-11	30.621	6.124	3.560E-10
301				10.088	2.018	1.273E-11	116.064	23.213	1.939E-08	61.114	12.223	2.830E-09	94.861	18.972	1.058E-08	10.891	2.178	1.602E-11	40.441	8.088	8.201E-10
302				83.743	16.749	7.282E-09	111.144	22.229	1.702E-08	12.603	2.521	2.482E-11	79.122	15.824	6.142E-09	10.896	2.179	1.604E-11	29.853	5.971	3.299E-10
303				11.984	2.397	2.134E-11	11.289	2.258	1.784E-11	11.651	2.330	1.961E-11	140.829	28.166	3.463E-08	58.061	11.612	2.427E-09	34.851	6.970	5.249E-10
304				12.840	2.568	2.625E-11	13.034	2.607	2.745E-11	49.551	9.910	1.509E-09	98.615	19.723	1.189E-08	130.976	26.195	2.786E-08	35.424	7.085	5.512E-10
305				18.652	3.730	8.046E-11	56.761	11.352	2.268E-09	64.631	12.926	3.347E-09	10.747	2.041	1.319E-11	67.701	13.540	3.847E-09	41.669	8.334	8.971E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
306			93.808	18.762	1.024E-08	12.619	2.524	2.491E-11	63.983	12.797	3.248E-09	107.793	21.559	1.553E-08	49.312	9.862	1.487E-09	17.364	3.473	6.492E-11
307			30.316	6.063	3.455E-10	114.039	22.808	1.839E-08	68.844	13.769	4.046E-09	13.270	2.654	2.897E-11	91.545	18.309	9.512E-09	8.869	1.774	8.651E-12
308			44.669	8.934	1.105E-09	57.519	11.504	2.360E-09	12.170	2.434	2.235E-11	170.886	34.177	6.187E-08	50.507	10.101	1.598E-09	8.919	1.784	8.798E-12
309			10.907	2.181	1.609E-11	10.657	2.131	1.501E-11	45.916	9.183	1.200E-09	49.224	9.845	1.479E-09	103.154	20.631	1.361E-08	37.931	7.586	6.766E-10
310			93.169	18.634	1.003E-08	55.744	11.149	2.148E-09	11.879	2.376	2.078E-11	12.018	2.404	2.152E-11	22.657	4.531	1.442E-10	30.871	6.174	3.648E-10
311			33.661	6.732	4.729E-10	81.848	16.370	6.798E-09	10.349	2.070	1.374E-11	11.412	2.282	1.843E-11	11.327	2.265	1.802E-11	9.002	1.800	9.045E-12
312			96.516	19.303	1.115E-08	56.208	11.242	2.202E-09	10.378	2.076	1.386E-11	112.319	22.464	1.757E-08	85.396	17.079	7.722E-09	27.683	5.537	2.630E-10
313			86.932	17.386	8.146E-09	134.168	26.834	2.995E-08	108.869	21.774	1.600E-08	11.292	2.258	1.785E-11	81.305	16.261	6.664E-09	18.206	3.641	7.483E-11
314			23.261	4.652	1.560E-10	126.913	25.383	2.535E-08	60.501	12.100	2.746E-09	59.431	11.886	2.603E-09	13.950	2.790	3.366E-11	19.453	3.891	9.128E-11
315			15.081	3.016	4.253E-11	137.613	27.523	3.231E-08	64.368	12.874	3.307E-09	11.827	2.365	2.051E-11	10.188	2.038	1.311E-11	21.552	4.310	1.241E-10
316			11.541	2.308	1.906E-11	15.173	3.035	4.331E-11	11.499	2.300	1.885E-11	10.562	2.112	1.461E-11	59.550	11.910	2.618E-09	31.110	6.222	3.733E-10
317			40.219	8.044	8.067E-10	52.545	10.509	1.799E-09	10.669	2.134	1.506E-11	14.980	2.996	4.168E-11	67.775	13.555	3.860E-09	8.753	1.751	8.314E-12
318			10.210	2.042	1.320E-11	10.278	2.056	1.346E-11	16.296	3.259	5.366E-11	162.497	32.499	5.320E-08	74.801	14.960	5.189E-09	31.962	6.392	4.048E-10
319			15.719	3.144	4.816E-11	13.719	2.744	3.202E-11	56.882	11.376	2.282E-09	119.279	23.856	2.104E-08	112.921	22.584	1.785E-08	30.532	6.106	3.529E-10
320			40.611	8.122	8.304E-10	12.667	2.533	2.520E-11	59.796	11.959	2.651E-09	64.145	12.829	3.272E-09	111.207	22.241	1.705E-08	38.851	7.770	7.271E-10
321			11.310	2.262	1.794E-11	12.369	2.474	2.346E-11	13.239	2.648	2.877E-11	11.079	2.216	1.686E-11	59.364	11.873	2.594E-09	30.391	6.078	3.480E-10
322			35.645	7.129	5.615E-10	30.936	6.187	3.671E-10	66.419	13.284	3.633E-09	180.139	36.028	7.248E-08	92.747	18.549	9.892E-09	19.770	3.954	9.581E-11
323			11.440	2.288	1.856E-11	67.665	13.533	3.841E-09	12.179	2.436	2.240E-11	54.238	10.848	1.978E-09	127.881	25.576	2.593E-08	30.498	6.100	3.517E-10
324			30.668	6.134	3.576E-10	61.652	12.330	2.906E-09	56.918	11.384	2.286E-09	95.317	19.063	1.074E-08	119.092	23.818	2.094E-08	30.143	6.029	3.396E-10
325			43.890	8.778	1.048E-09	30.800	6.160	3.623E-10	118.469	23.694	2.062E-08	109.369	21.874	1.622E-08	44.169	8.834	1.068E-09	12.751	2.550	2.571E-11
326			98.948	19.790	1.201E-08	13.182	2.636	2.840E-11	61.420	12.284	2.873E-09	113.173	22.635	1.797E-08	10.510	2.102	1.439E-11	30.685	6.137	3.582E-10
327			65.366	13.073	3.463E-09	53.361	10.672	1.884E-09	16.461	3.292	5.530E-11	117.004	23.401	1.986E-08	72.114	14.423	4.650E-09	29.673	5.935	3.240E-10
328			50.548	10.110	1.601E-09	12.269	2.454	2.290E-11	13.477	2.695	3.035E-11	63.807	12.761	3.221E-09	66.352	13.270	3.622E-09	30.946	6.189	3.675E-10
329			10.982	2.196	1.642E-11	10.975	2.195	1.639E-11	19.828	3.966	9.666E-11	12.683	2.537	2.530E-11	10.144	2.029	1.294E-11	30.550	6.110	3.535E-10
330			66.317	13.263	3.616E-09	60.852	12.170	2.794E-09	108.726	21.745	1.594E-08	55.382	11.076	2.106E-09	13.782	2.756	3.246E-11	31.392	6.278	3.836E-10
331			14.664	2.933	3.910E-11	14.115	2.823	3.487E-11	57.135	11.427	2.313E-09	32.872	6.574	4.404E-10	104.715	20.943	1.424E-08	24.404	4.881	1.802E-10
332			12.611	2.522	2.487E-11	11.332	2.266	1.804E-11	61.798	12.360	2.926E-09	55.260	11.052	2.092E-09	111.923	22.385	1.738E-08	29.055	5.811	3.041E-10
333			12.579	2.516	2.468E-11	41.376	8.275	8.783E-10	41.263	8.253	8.711E-10	70.862	14.172	4.412E-09	-114.119	0.000	0.000E+00	15.931	3.186	5.013E-11
334			49.866	9.973	1.537E-09	12.781	2.556	2.588E-11	13.457	2.691	3.022E-11	105.213	21.043	1.444E-08	48.508	9.702	1.415E-09	4.955	0.991	1.509E-12
335			10.896	2.179	1.604E-11	10.804	2.161	1.564E-11	10.974	2.195	1.639E-11	11.557	2.311	1.914E-11	77.207	15.441	5.706E-09	26.699	5.340	2.360E-10
336			13.384	2.677	2.973E-11	49.813	9.963	1.533E-09	10.425	2.085	1.405E-11	53.847	10.769	1.936E-09	65.374	13.075	3.464E-09	36.093	7.219	5.830E-10
337			12.395	2.479	2.361E-11	130.192	26.038	2.736E-08	103.452	20.690	1.373E-08	11.302	2.260	1.790E-11	25.312	5.062	2.011E-10	35.100	7.020	5.362E-10
338			17.307	3.461	6.427E-11	10.170	2.034	1.304E-11	61.240	12.248	2.848E-09	76.055	15.211	5.455E-09	58.579	11.716	2.492E-09	31.513	6.303	3.880E-10
339			12.157	2.431	2.228E-11	11.756	2.351	2.014E-11	11.759	2.352	2.016E-11	57.368	11.474	2.341E-09	70.360	14.072	4.319E-09	29.700	5.940	3.248E-10
340			14.018	2.804	3.415E-11	61.170	12.234	2.838E-09	54.012	10.802	1.954E-09	16.394	3.279	5.463E-11	93.567	18.713	1.016E-08	36.560	7.312	6.059E-10
341			11.038	2.208	1.667E-11	60.675	12.135	2.770E-09	14.250	2.850	3.588E-11	131.279	26.256	2.805E-08	10.938	2.188	1.623E-11	25.825	5.165	2.135E-10
342			18.855	3.771	8.311E-11	11.257	2.251	1.769E-11	10.377	2.075	1.385E-11	61.947	12.389	2.947E-09	64.037	12.807	3.256E-09	25.962	5.192	2.170E-10
343			57.541	11.508	2.362E-09	17.516	3.503	6.664E-11	10.293	2.059	1.352E-11	39.799	7.960	7.816E-10	187.079	37.416	8.118E-08	26.416	5.283	2.286E-10
344			10.136	2.027	1.291E-11	12.013	2.403	2.149E-11	24.634	4.927	1.854E-10	134.561	26.912	3.021E-08	11.130	2.226	1.709E-11	96.389	19.278	1.110E-08
345			55.403	11.081	2.109E-09	61.730	12.346	2.917E-09	102.504	20.501	1.335E-08	114.453	22.891	1.859E-08	63.726	12.745	3.209E-09	25.860	5.172	2.144E-10
346			12.652	2.530	2.511E-11	11.102	2.220	1.697E-11	53.848	10.770	1.936E-09	54.870	10.974	2.048E-09	126.338	25.268	2.500E-08	92.010	18.402	9.658E-09
347			10.405	2.081	1.397E-11	64.539	12.908	3.333E-09	42.467	8.493	9.496E-10	105.510	21.102	1.456E-08	73.268	14.654	4.877E-09	7.600	1.520	5.443E-12
348			12.566	2.513	2.460E-11	58.233	11.647	2.449E-09	14.507	2.901	3.786E-11	104.691	20.938	1.423E-08	53.447	10.689	1.893E-09	22.778	4.556	1.465E-10
349			11.952	2.390	2.117E-11	124.783	24.957	2.409E-08	55.777	11.155	2.152E-09	51.018	10.204	1.647E-09	58.974	11.795	2.543E-09	21.806	4.361	1.286E-10
350			11.695	2.339	1.983E-11	55.225	11.045	2.088E-09	95.078	19.016	1.066E-08	68.864	13.773	4.049E-09	13.112	2.622	2.795E-11	30.930	6.186	3.669E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
351			13.420	2.684	2.997E-11	12.160	2.432	2.229E-11	79.621	15.924	6.259E-09	13.075	2.615	2.772E-11	10.824	2.165	1.572E-11	13.263	2.653	2.893E-11
352			136.614	27.323	3.161E-08	55.488	11.098	2.118E-09	57.743	11.549	2.387E-09	55.139	11.028	2.079E-09	65.074	13.015	3.417E-09	40.248	8.050	8.084E-10
353			11.677	2.335	1.974E-11	60.719	12.144	2.776E-09	13.701	2.740	3.189E-11	13.716	2.743	3.199E-11	61.909	12.382	2.942E-09	24.182	4.836	1.753E-10
354			15.189	3.038	4.345E-11	58.054	11.611	2.426E-09	12.800	2.560	2.600E-11	162.631	32.526	5.333E-08	57.956	11.591	2.414E-09	10.885	2.177	1.599E-11
355			127.373	25.475	2.562E-08	125.254	25.051	2.437E-08	19.933	3.987	9.820E-11	11.935	2.387	2.108E-11	126.867	25.373	2.532E-08	15.462	3.092	4.583E-11
356			57.772	11.554	2.391E-09	48.715	9.743	1.433E-09	52.458	10.492	1.790E-09	11.680	2.336	1.976E-11	98.660	19.732	1.191E-08	10.945	2.189	1.626E-11
357			59.457	11.891	2.606E-09	13.154	2.631	2.822E-11	10.342	2.068	1.372E-11	10.551	2.110	1.457E-11	118.035	23.607	2.039E-08	24.033	4.807	1.721E-10
358			31.325	6.265	3.811E-10	63.531	12.706	3.179E-09	41.205	8.241	8.674E-10	72.644	14.529	4.753E-09	65.141	13.028	3.427E-09	26.853	5.371	2.401E-10
359			72.064	14.413	4.640E-09	14.045	2.809	3.435E-11	13.455	2.691	3.020E-11	12.276	2.455	2.294E-11	77.288	15.458	5.724E-09	38.956	7.791	7.330E-10
360			54.635	10.927	2.022E-09	57.097	11.419	2.308E-09	66.984	13.397	3.727E-09	78.870	15.774	6.083E-09	48.731	9.746	1.435E-09	25.912	5.182	2.157E-10
361			11.120	2.224	1.705E-11	62.472	12.494	3.023E-09	14.971	2.994	4.160E-11	60.624	12.125	2.763E-09	62.578	12.516	3.038E-09	26.650	5.330	2.347E-10
362			55.608	11.122	2.132E-09	48.569	9.714	1.421E-09	12.974	2.595	2.708E-11	82.645	16.529	6.999E-09	38.996	7.799	7.353E-10	22.271	4.454	1.370E-10
363			115.758	23.152	1.923E-08	60.292	12.058	2.717E-09	15.340	3.068	4.476E-11	55.579	11.116	2.129E-09	64.748	12.950	3.366E-09	21.959	4.392	1.313E-10
364			10.908	2.182	1.609E-11	10.350	2.070	1.375E-11	15.779	3.156	4.871E-11	185.507	37.101	7.915E-08	21.931	4.386	1.308E-10	29.843	5.969	3.296E-10
365			143.442	28.688	3.659E-08	22.970	4.594	1.503E-10	51.110	10.222	1.655E-09	53.363	10.673	1.884E-09	48.944	9.789	1.454E-09	107.989	21.598	1.561E-08
366			10.100	2.020	1.277E-11	10.322	2.064	1.364E-11	-50.218	0.000	0.000E+00	62.864	12.573	3.080E-09	60.454	12.091	2.740E-09	31.963	6.393	4.049E-10
367			10.185	2.037	1.310E-11	12.098	2.420	2.196E-11	12.107	2.421	2.200E-11	13.316	2.663	2.928E-11	10.358	2.072	1.378E-11	34.924	6.985	5.282E-10
368			135.071	27.014	3.055E-08	11.155	2.231	1.721E-11	119.903	23.981	2.137E-08	22.168	4.434	1.351E-10	74.065	14.813	5.038E-09	31.646	6.329	3.930E-10
369			58.219	11.644	2.447E-09	11.570	2.314	1.920E-11	17.186	3.437	6.293E-11	111.091	22.218	1.700E-08	75.105	15.021	5.253E-09	28.291	5.658	2.808E-10
370			11.616	2.323	1.943E-11	109.115	21.823	1.611E-08	10.458	2.092	1.418E-11	-55.914	0.000	0.000E+00	10.206	2.041	1.318E-11	9.503	1.901	1.064E-11
371			11.141	2.228	1.715E-11	21.296	4.259	1.197E-10	28.265	5.653	2.800E-10	78.989	15.798	6.111E-09	61.678	12.336	2.909E-09	33.065	6.613	4.482E-10
372			23.659	4.732	1.642E-10	56.372	11.274	2.221E-09	51.972	10.394	1.741E-09	61.948	12.390	2.948E-09	19.864	3.973	9.718E-11	34.280	6.856	4.995E-10
373			46.669	9.334	1.260E-09	13.581	2.716	3.106E-11	10.808	2.162	1.565E-11	77.962	15.592	5.875E-09	61.702	12.340	2.913E-09	24.792	4.958	1.889E-10
374			-52.819	0.000	0.000E+00	69.116	13.823	4.094E-09	12.234	2.447	2.271E-11	16.712	3.342	5.787E-11	51.824	10.365	1.726E-09	30.616	6.123	3.558E-10
375			64.249	12.850	3.288E-09	12.357	2.471	2.340E-11	53.384	10.677	1.886E-09	11.325	2.265	1.801E-11	128.874	25.775	2.654E-08	34.195	6.839	4.958E-10
376			15.263	3.053	4.409E-11	11.338	2.268	1.807E-11	25.664	5.133	2.096E-10	78.282	15.656	5.948E-09	14.679	2.936	3.922E-11	27.169	5.434	2.487E-10
377			125.495	25.099	2.451E-08	25.118	5.024	1.965E-10	15.903	3.181	4.987E-11	14.047	2.809	3.437E-11	82.817	16.563	7.043E-09	11.032	2.206	1.665E-11
378			10.701	2.140	1.519E-11	67.302	13.460	3.780E-09	65.819	13.164	3.535E-09	182.068	36.414	7.483E-08	63.480	12.696	3.172E-09	31.876	6.375	4.016E-10
379			88.292	17.658	8.534E-09	51.449	10.290	1.689E-09	13.048	2.610	2.754E-11	11.197	2.239	1.741E-11	74.252	14.850	5.076E-09	29.137	5.827	3.067E-10
380			76.471	15.294	5.545E-09	128.625	25.725	2.639E-08	10.571	2.114	1.465E-11	98.601	19.720	1.189E-08	60.399	12.080	2.732E-09	26.062	5.212	2.195E-10
381			55.371	11.074	2.105E-09	61.528	12.306	2.888E-09	12.301	2.460	2.308E-11	40.635	8.127	8.319E-10	13.633	2.727	3.141E-11	20.984	4.197	1.146E-10
382			42.760	8.552	9.694E-10	11.761	2.352	2.017E-11	57.022	11.404	2.299E-09	64.374	12.875	3.308E-09	29.345	5.869	3.133E-10	26.821	5.364	2.392E-10
383			133.931	26.786	2.979E-08	11.995	2.399	2.140E-11	45.570	9.114	1.173E-09	53.468	10.694	1.895E-09	14.873	2.975	4.079E-11	21.908	4.382	1.304E-10
384			64.659	12.932	3.352E-09	11.475	2.295	1.874E-11	115.295	23.059	1.900E-08	13.990	2.798	3.395E-11	70.996	14.199	4.437E-09	11.244	2.249	1.763E-11
385			12.030	2.406	2.159E-11	15.980	3.196	5.060E-11	10.132	2.026	1.290E-11	63.788	12.758	3.218E-09	24.133	4.827	1.743E-10	32.658	6.532	4.319E-10
386			64.456	12.891	3.320E-09	67.437	13.487	3.803E-09	30.353	6.071	3.467E-10	10.076	2.015	1.268E-11	120.066	24.013	2.146E-08	9.412	1.882	1.034E-11
387			59.036	11.807	2.551E-09	12.613	2.523	2.488E-11	60.923	12.185	2.804E-09	122.336	24.467	2.270E-08	24.938	4.988	1.923E-10	20.144	4.029	1.014E-10
388			12.033	2.407	2.160E-11	113.681	22.736	1.822E-08	21.660	4.332	1.260E-10	94.818	18.964	1.057E-08	12.499	2.500	2.421E-11	24.078	4.816	1.731E-10
389			133.975	26.795	2.982E-08	62.495	12.499	3.026E-09	11.515	2.303	1.893E-11	75.565	15.113	5.350E-09	79.350	15.870	6.195E-09	33.309	6.662	4.582E-10
390			10.612	2.122	1.482E-11	14.416	2.883	3.715E-11	15.870	3.174	4.956E-11	156.468	31.294	4.750E-08	62.943	12.589	3.092E-09	15.054	3.011	4.230E-11
391			60.023	12.005	2.681E-09	41.174	8.235	8.655E-10	10.332	2.066	1.368E-11	11.812	2.362	2.044E-11	10.728	2.146	1.531E-11	32.567	6.513	4.283E-10
392			65.250	13.050	3.444E-09	59.325	11.865	2.589E-09	10.236	2.047	1.330E-11	66.532	13.306	3.652E-09	10.431	2.086	1.407E-11	23.099	4.620	1.528E-10
393			11.926	2.385	2.103E-11	59.448	11.890	2.605E-09	108.540	21.708	1.585E-08	11.115	2.223	1.703E-11	67.281	13.456	3.776E-09	26.090	5.218	2.202E-10
394			10.742	2.148	1.537E-11	139.029	27.806	3.332E-08	53.476	10.695	1.896E-09	114.194	22.839	1.846E-08	22.493	4.499	1.411E-10	65.728	13.146	3.521E-09
395			10.403	2.081	1.396E-11	10.370	2.074	1.383E-11	13.074	2.615	2.771E-11	15.093	3.019	4.263E-11	65.553	13.111	3.493E-09	34.266	6.853	4.988E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
396				54.522	10.904	2.010E-09	117.007	23.401	1.986E-08	12.016	2.403	2.151E-11	14.270	2.854	3.603E-11	55.179	11.036	2.083E-09	14.558	2.912	3.826E-11
397				10.321	2.064	1.363E-11	10.955	2.191	1.630E-11	11.750	2.350	2.011E-11	42.445	8.489	9.481E-10	131.664	26.333	2.830E-08	6.821	1.364	3.935E-12
398				119.210	23.842	2.101E-08	16.586	3.317	5.658E-11	27.501	5.500	2.579E-10	12.246	2.449	2.277E-11	65.225	13.045	3.441E-09	12.255	2.451	2.282E-11
399				71.286	14.257	4.492E-09	122.361	24.472	2.272E-08	12.757	2.551	2.574E-11	60.706	12.141	2.774E-09	11.382	2.276	1.828E-11	24.327	4.865	1.785E-10
400				60.822	12.164	2.790E-09	-39.795	0.000	0.000E+00	115.016	23.003	1.887E-08	19.128	3.826	8.678E-11	11.613	2.323	1.942E-11	52.934	10.587	1.839E-09
401				10.945	2.189	1.626E-11	68.155	13.631	3.925E-09	11.304	2.261	1.791E-11	11.542	2.308	1.906E-11	58.768	11.754	2.517E-09	17.826	3.565	7.024E-11
402				99.089	19.818	1.206E-08	34.110	6.822	4.921E-10	10.271	2.054	1.343E-11	20.664	4.133	1.094E-10	52.824	10.565	1.828E-09	26.249	5.250	2.243E-10
403				14.196	2.839	3.547E-11	102.160	20.432	1.322E-08	65.016	13.003	3.408E-09	129.160	25.832	2.672E-08	61.687	12.337	2.911E-09	34.485	6.897	5.085E-10
404				63.179	12.636	3.127E-09	11.095	2.219	1.693E-11	125.622	25.124	2.458E-08	75.176	15.035	5.268E-09	82.418	16.484	6.942E-09	14.550	2.910	3.819E-11
405				126.835	25.367	2.530E-08	12.326	2.465	2.322E-11	13.479	2.696	3.036E-11	11.485	2.297	1.879E-11	10.190	2.038	1.312E-11	33.094	6.619	4.494E-10
406				57.215	11.443	2.322E-09	12.824	2.565	2.615E-11	74.320	14.864	5.090E-09	119.412	23.882	2.111E-08	12.008	2.402	2.147E-11			
407				10.464	2.093	1.421E-11	57.012	11.402	2.298E-09	71.045	14.209	4.446E-09	93.696	18.739	1.020E-08	51.029	10.206	1.648E-09			
408				123.671	24.734	2.345E-08	10.572	2.114	1.465E-11	112.863	22.573	1.783E-08	30.051	6.010	3.365E-10	11.249	2.250	1.765E-11			
409				66.499	13.300	3.646E-09	33.019	6.604	4.463E-10	11.565	2.313	1.918E-11	63.840	12.768	3.226E-09	54.425	10.885	1.999E-09			
410				38.551	7.710	7.104E-10	56.122	11.224	2.192E-09	52.131	10.426	1.757E-09	10.085	2.017	1.272E-11	81.552	16.310	6.725E-09			
411				20.454	4.091	1.061E-10	14.496	2.899	3.777E-11	11.809	2.362	2.042E-11	72.085	14.417	4.644E-09	20.320	4.064	1.040E-10			
412				67.562	13.512	3.824E-09	59.485	11.897	2.610E-09	62.544	12.509	3.034E-09	12.764	2.553	2.578E-11	30.994	6.199	3.692E-10			
413				11.511	2.302	1.891E-11	17.412	3.482	6.545E-11	11.732	2.346	2.002E-11	175.957	35.191	6.755E-08	27.455	5.491	2.566E-10			
414				13.225	2.645	2.868E-11	12.066	2.413	2.178E-11	10.393	2.079	1.392E-11	10.101	2.020	1.278E-11	22.590	4.518	1.429E-10			
415				14.202	2.840	3.552E-11	10.599	2.120	1.476E-11	110.921	22.184	1.692E-08	107.766	21.553	1.552E-08	112.419	22.484	1.762E-08			
416				80.275	16.055	6.414E-09	53.336	10.667	1.881E-09	27.829	5.566	2.672E-10	20.869	4.174	1.127E-10	65.590	13.118	3.499E-09			
417				15.357	3.071	4.491E-11	69.982	13.996	4.250E-09	56.656	11.331	2.255E-09	11.145	2.229	1.716E-11	13.787	2.757	3.249E-11			
418				57.535	11.507	2.362E-09	12.511	2.502	2.428E-11	10.648	2.130	1.497E-11	13.906	2.781	3.334E-11	57.956	11.591	2.414E-09			
419				-45.485	0.000	0.000E+00	66.848	13.370	3.704E-09	60.882	12.176	2.798E-09	25.199	5.040	1.984E-10	82.314	16.463	6.915E-09			
420				10.888	2.178	1.600E-11	120.167	24.033	2.152E-08	11.523	2.305	1.897E-11	13.573	2.715	3.101E-11	12.116	2.423	2.205E-11			
421				11.422	2.284	1.848E-11	29.610	5.922	3.219E-10	11.377	2.275	1.826E-11	65.840	13.168	3.539E-09	64.547	12.909	3.334E-09			
422				14.960	2.992	4.151E-11	78.985	15.797	6.110E-09	20.406	4.081	1.054E-10	68.649	13.730	4.011E-09	56.373	11.275	2.221E-09			
423				10.238	2.048	1.331E-11	27.246	5.449	2.508E-10	112.144	22.429	1.749E-08	24.454	4.891	1.813E-10	51.200	10.240	1.664E-09			
424				130.608	26.122	2.763E-08	11.959	2.392	2.121E-11	66.088	13.218	3.579E-09	70.932	14.186	4.425E-09	54.906	10.981	2.052E-09			
425				62.367	12.473	3.008E-09	10.873	2.175	1.594E-11	133.261	26.652	2.934E-08	11.965	2.393	2.124E-11	61.400	12.280	2.870E-09			
426				61.925	12.385	2.944E-09	103.801	20.760	1.387E-08	73.680	14.736	4.960E-09	11.306	2.261	1.792E-11	75.830	15.166	5.407E-09			
427				113.152	22.630	1.796E-08	57.133	11.427	2.312E-09	12.728	2.546	2.556E-11	57.948	11.590	2.413E-09	134.695	26.939	3.030E-08			
428				61.814	12.363	2.928E-09	62.037	12.407	2.960E-09	40.940	8.188	8.508E-10	80.819	16.164	6.545E-09	12.453	2.491	2.394E-11			
429				17.348	3.470	6.474E-11	114.342	22.868	1.854E-08	69.573	13.915	4.176E-09	74.174	14.835	5.060E-09	16.349	3.270	5.418E-11			
430				19.307	3.861	8.924E-11	10.732	2.146	1.533E-11	56.324	11.265	2.216E-09	134.703	26.941	3.031E-08	13.003	2.601	2.726E-11			
431				13.621	2.724	3.133E-11	67.970	13.594	3.894E-09	67.467	13.493	3.808E-09	147.996	29.599	4.019E-08	18.565	3.713	7.934E-11			
432				12.082	2.416	2.187E-11	10.744	2.149	1.538E-11	119.022	23.804	2.091E-08	11.235	2.247	1.758E-11	129.773	25.955	2.710E-08			
433				61.794	12.359	2.926E-09	13.313	2.663	2.925E-11	16.501	3.300	5.570E-11	11.514	2.303	1.893E-11	57.310	11.462	2.334E-09			
434				13.227	2.645	2.869E-11	12.684	2.537	2.530E-11	11.551	2.310	1.911E-11	77.793	15.559	5.837E-09	143.507	28.701	3.664E-08			
435				11.056	2.211	1.676E-11	20.130	4.026	1.011E-10	13.076	2.615	2.772E-11	62.638	12.528	3.047E-09	16.406	3.281	5.475E-11			
436				64.510	12.902	3.329E-09	12.054	2.411	2.172E-11	24.265	4.853	1.771E-10	64.459	12.892	3.321E-09	82.821	16.564	7.044E-09			
437				109.954	21.991	1.648E-08	10.954	2.191	1.630E-11	10.401	2.080	1.395E-11	12.358	2.472	2.340E-11	68.722	13.744	4.024E-09			
438				54.342	10.868	1.990E-09	58.834	11.767	2.525E-09	77.879	15.576	5.857E-09	11.798	2.360	2.036E-11	70.937	14.187	4.426E-09			
439				63.912	12.782	3.237E-09	10.265	2.053	1.341E-11	38.026	7.605	6.818E-10	105.979	21.196	1.476E-08	58.133	11.627	2.436E-09			
440				10.468	2.094	1.422E-11	10.214	2.043	1.321E-11	14.235	2.847	3.577E-11	62.224	12.445	2.987E-09	19.968	3.994	9.872E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
441			10.804	2.161	1.564E-11	10.007	2.001	1.243E-11	53.051	10.610	1.851E-09	22.868	4.574	1.483E-10	54.138	10.828	1.967E-09			
442			11.434	2.287	1.853E-11	17.280	3.456	6.398E-11	35.645	7.129	5.616E-10	51.944	10.389	1.738E-09	57.536	11.507	2.362E-09			
443			52.960	10.592	1.842E-09	11.562	2.312	1.916E-11	41.564	8.313	8.903E-10	60.636	12.127	2.764E-09	17.662	3.532	6.832E-11			
444			82.780	16.556	7.033E-09	39.896	7.979	7.873E-10	140.755	28.151	3.458E-08	49.497	9.899	1.504E-09	14.835	2.967	4.048E-11			
445			11.135	2.227	1.712E-11	50.206	10.041	1.569E-09	11.352	2.270	1.814E-11	61.346	12.269	2.863E-09	60.577	12.115	2.756E-09			
446			10.162	2.032	1.301E-11	119.140	23.828	2.097E-08	10.884	2.177	1.599E-11	58.518	11.704	2.485E-09	76.218	15.244	5.490E-09			
447			103.957	20.791	1.393E-08	60.271	12.054	2.715E-09	121.139	24.228	2.204E-08	146.003	29.201	3.859E-08	60.699	12.140	2.773E-09			
448			32.730	6.546	4.347E-10	10.752	2.150	1.541E-11	54.799	10.960	2.040E-09	11.119	2.224	1.705E-11	11.663	2.333	1.967E-11			
449			10.835	2.167	1.577E-11	65.882	13.176	3.546E-09	15.007	3.001	4.191E-11	10.994	2.199	1.648E-11	74.030	14.806	5.030E-09			
450			61.899	12.380	2.941E-09	40.815	8.163	8.430E-10	114.879	22.976	1.880E-08	10.020	2.004	1.247E-11	16.333	3.267	5.403E-11			
451			16.526	3.305	5.596E-11	10.117	2.023	1.284E-11	14.574	2.915	3.838E-11	61.850	12.370	2.934E-09	58.211	11.642	2.446E-09			
452			10.517	2.103	1.442E-11	112.394	22.479	1.760E-08	56.868	11.374	2.280E-09	20.848	4.170	1.124E-10	58.913	11.783	2.535E-09			
453			96.498	19.300	1.114E-08	119.174	23.835	2.099E-08	110.174	22.035	1.658E-08	110.142	22.028	1.657E-08	57.695	11.539	2.381E-09			
454			19.356	3.871	8.992E-11	12.059	2.412	2.174E-11	57.129	11.426	2.312E-09	72.321	14.464	4.690E-09	56.882	11.376	2.282E-09			
455			58.785	11.757	2.519E-09	12.486	2.497	2.414E-11	57.575	11.515	2.366E-09	11.199	2.240	1.742E-11	47.035	9.407	1.290E-09			
456			13.638	2.728	3.145E-11	21.582	4.316	1.246E-10	57.717	11.543	2.384E-09	61.842	12.368	2.933E-09	13.035	2.607	2.746E-11			
457			26.453	5.291	2.295E-10	10.365	2.073	1.381E-11	13.629	2.726	3.139E-11	66.130	13.226	3.586E-09	12.797	2.559	2.599E-11			
458			12.995	2.599	2.721E-11	21.088	4.218	1.163E-10	10.690	2.138	1.515E-11	11.129	2.226	1.709E-11	126.437	25.287	2.506E-08			
459			187.074	37.415	8.118E-08	11.231	2.246	1.756E-11	66.412	13.282	3.632E-09	55.796	11.159	2.154E-09	10.775	2.155	1.551E-11			
460			110.690	22.138	1.682E-08	10.428	2.086	1.406E-11	12.558	2.512	2.456E-11	74.116	14.823	5.048E-09	21.045	4.209	1.156E-10			
461			57.068	11.414	2.304E-09	130.759	26.152	2.772E-08	10.838	2.168	1.579E-11	61.589	12.318	2.897E-09	53.617	10.723	1.911E-09			
462			58.615	11.723	2.497E-09	61.233	12.247	2.847E-09	10.615	2.123	1.483E-11	37.463	7.493	6.519E-10	40.965	8.193	8.523E-10			
463			29.980	5.996	3.341E-10	66.392	13.278	3.629E-09	115.153	23.031	1.893E-08	11.209	2.242	1.746E-11	55.419	11.084	2.110E-09			
464			12.849	2.570	2.630E-11	117.500	23.500	2.011E-08	74.142	14.828	5.053E-09	107.035	21.407	1.520E-08	10.933	2.187	1.620E-11			
465			56.081	11.216	2.187E-09	17.662	3.532	6.831E-11	17.295	3.459	6.414E-11	115.618	23.124	1.916E-08	13.365	2.673	2.960E-11			
466			119.386	23.877	2.110E-08	10.378	2.076	1.386E-11	14.351	2.870	3.665E-11	59.837	11.967	2.656E-09	71.458	14.292	4.524E-09			
467			10.274	2.055	1.345E-11	15.246	3.049	4.394E-11	64.803	12.961	3.374E-09	114.748	22.950	1.873E-08	12.876	2.575	2.647E-11			
468			115.503	23.101	1.911E-08	15.466	3.093	4.587E-11	34.095	6.819	4.914E-10	32.803	6.561	4.377E-10	53.946	10.789	1.947E-09			
469			11.546	2.309	1.908E-11	106.252	21.250	1.487E-08	17.293	3.459	6.412E-11	60.086	12.017	2.690E-09	87.073	17.415	8.185E-09			
470			10.123	2.025	1.286E-11	49.931	9.986	1.543E-09	65.347	13.069	3.460E-09	13.806	2.761	3.263E-11	10.513	2.103	1.441E-11			
471			10.248	2.050	1.334E-11	10.289	2.058	1.351E-11	118.245	23.649	2.050E-08	-70.118	0.000	0.000E+00	73.266	14.653	4.876E-09			
472			58.635	11.727	2.500E-09	76.518	15.304	5.555E-09	10.932	2.186	1.620E-11	10.644	2.129	1.495E-11	50.396	10.079	1.587E-09			
473			27.282	5.456	2.518E-10	10.797	2.159	1.561E-11	58.795	11.759	2.520E-09	12.558	2.512	2.456E-11	39.268	7.854	7.508E-10			
474			53.091	10.618	1.855E-09	60.073	12.015	2.688E-09	41.765	8.353	9.033E-10	66.230	13.246	3.602E-09	63.678	12.736	3.202E-09			
475			10.042	2.008	1.256E-11	23.792	4.758	1.670E-10	10.009	2.002	1.243E-11	46.031	9.206	1.209E-09	93.224	18.645	1.005E-08			
476			11.455	2.291	1.864E-11	12.319	2.464	2.318E-11	64.109	12.822	3.267E-09	71.661	14.332	4.563E-09	15.949	3.190	5.030E-11			
477			61.821	12.364	2.930E-09	10.299	2.060	1.354E-11	10.689	2.138	1.514E-11	11.887	2.377	2.083E-11	60.907	12.181	2.802E-09			
478			17.313	3.463	6.435E-11	11.347	2.269	1.811E-11	26.495	5.299	2.306E-10	24.647	4.929	1.857E-10	112.055	22.411	1.745E-08			
479			84.781	16.956	7.556E-09	10.326	2.065	1.365E-11	16.064	3.213	5.139E-11	76.340	15.268	5.516E-09	10.130	2.026	1.289E-11			
480			15.689	3.138	4.788E-11	13.035	2.607	2.746E-11	11.941	2.388	2.111E-11	12.587	2.517	2.472E-11	11.459	2.292	1.865E-11			
481			11.901	2.380	2.090E-11	65.896	13.179	3.548E-09	50.957	10.191	1.641E-09	16.160	3.232	5.233E-11	16.519	3.304	5.589E-11			
482			17.089	3.418	6.187E-11	64.045	12.809	3.257E-09	44.691	8.938	1.107E-09	12.703	2.541	2.541E-11	11.344	2.269	1.810E-11			
483			10.866	2.173	1.591E-11	64.454	12.891	3.320E-09	12.057	2.411	2.173E-11	77.008	15.402	5.662E-09	70.581	14.116	4.360E-09			
484			65.960	13.192	3.558E-09	17.469	3.494	6.610E-11	11.246	2.249	1.763E-11	12.920	2.584	2.674E-11	11.084	2.217	1.688E-11			
485			89.591	17.918	8.916E-09	20.776	4.155	1.112E-10	14.586	2.917	3.848E-11	11.282	2.256	1.781E-11	82.554	16.511	6.976E-09			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
486			11.624	2.325	1.947E-11	25.244	5.049	1.995E-10	113.399	22.680	1.808E-08	-43.258	0.000	0.000E+00	19.083	3.817	8.617E-11			
487			67.915	13.583	3.884E-09	86.127	17.225	7.922E-09	62.582	12.516	3.039E-09	104.561	20.912	1.417E-08	15.348	3.070	4.483E-11			
488			12.081	2.416	2.186E-11	14.162	2.832	3.522E-11	12.549	2.510	2.450E-11	66.840	13.368	3.702E-09	19.100	3.820	8.639E-11			
489			63.249	12.650	3.137E-09	12.732	2.546	2.559E-11	10.627	2.125	1.488E-11	10.755	2.151	1.543E-11	11.536	2.307	1.903E-11			
490			11.468	2.294	1.870E-11	26.609	5.322	2.336E-10	124.041	24.808	2.366E-08	112.184	22.437	1.751E-08	51.213	10.243	1.665E-09			
491			14.492	2.898	3.773E-11	56.839	11.368	2.277E-09	63.459	12.692	3.169E-09	10.513	2.103	1.441E-11	62.406	12.481	3.013E-09			
492			17.662	3.532	6.831E-11	14.121	2.824	3.492E-11	11.650	2.330	1.961E-11	107.183	21.437	1.527E-08	13.462	2.692	3.025E-11			
493			10.140	2.028	1.293E-11	70.718	14.144	4.385E-09	10.679	2.136	1.510E-11	11.606	2.321	1.938E-11	59.726	11.945	2.642E-09			
494			77.747	15.549	5.827E-09	101.820	20.364	1.309E-08	40.436	8.087	8.198E-10	56.277	11.255	2.210E-09	85.346	17.069	7.708E-09			
495			14.613	2.923	3.869E-11	63.370	12.674	3.155E-09	56.099	11.220	2.189E-09	123.943	24.789	2.361E-08	11.629	2.326	1.950E-11			
496			13.388	2.678	2.976E-11	149.242	29.848	4.122E-08	14.397	2.879	3.700E-11	127.402	25.480	2.564E-08	13.356	2.671	2.954E-11			
497			57.034	11.407	2.300E-09	12.672	2.534	2.523E-11	10.535	2.107	1.450E-11	12.232	2.446	2.269E-11	12.598	2.520	2.479E-11			
498			22.222	4.444	1.361E-10	17.577	3.515	6.733E-11	58.592	11.718	2.494E-09	132.442	26.488	2.881E-08	10.011	2.002	1.244E-11			
499			55.513	11.103	2.121E-09	14.133	2.827	3.500E-11	59.369	11.874	2.595E-09	11.004	2.201	1.652E-11	65.509	13.102	3.486E-09			
500			85.930	17.186	7.867E-09	28.155	5.631	2.767E-10	12.588	2.518	2.473E-11	15.054	3.011	4.230E-11	60.869	12.174	2.796E-09			
501			62.811	12.562	3.073E-09	69.072	13.814	4.086E-09	46.721	9.344	1.265E-09	150.608	30.122	4.236E-08	13.796	2.759	3.256E-11			
502			11.938	2.388	2.110E-11	31.330	6.266	3.813E-10	63.315	12.663	3.147E-09	57.459	11.492	2.352E-09	38.438	7.688	7.042E-10			
503			16.229	3.246	5.300E-11	78.847	15.769	6.078E-09	11.976	2.395	2.130E-11	29.297	5.859	3.118E-10	85.835	17.167	7.841E-09			
504			12.309	2.462	2.312E-11	109.079	21.816	1.609E-08	59.967	11.993	2.674E-09	73.932	14.786	5.011E-09	98.976	19.795	1.202E-08			
505			58.070	11.614	2.428E-09	109.519	21.904	1.629E-08	65.294	13.059	3.452E-09	58.372	11.674	2.466E-09	10.316	2.063	1.361E-11			
506			59.028	11.806	2.550E-09	56.873	11.375	2.281E-09	10.603	2.121	1.478E-11	74.225	14.845	5.070E-09	74.748	14.950	5.178E-09			
507			28.029	5.606	2.730E-10	106.909	21.382	1.515E-08	13.803	2.761	3.261E-11	66.434	13.287	3.635E-09	65.108	13.022	3.422E-09			
508			57.470	11.494	2.354E-09	12.378	2.476	2.351E-11	76.384	15.277	5.526E-09	11.093	2.219	1.692E-11	62.919	12.584	3.088E-09			
509			11.943	2.389	2.112E-11	60.896	12.179	2.800E-09	69.055	13.811	4.083E-09	92.674	18.535	9.869E-09	11.427	2.285	1.850E-11			
510			65.640	13.128	3.507E-09	12.158	2.432	2.228E-11	14.351	2.870	3.664E-11	139.735	27.947	3.383E-08	25.374	5.075	2.026E-10			
511			79.901	15.980	6.325E-09	68.975	13.795	4.069E-09	93.010	18.602	9.977E-09	51.121	10.224	1.657E-09	83.733	16.747	7.279E-09			
512			10.327	2.065	1.366E-11	90.182	18.036	9.094E-09	11.098	2.220	1.695E-11	13.938	2.788	3.358E-11	12.098	2.420	2.196E-11			
513			11.076	2.215	1.685E-11	31.211	6.242	3.770E-10	10.201	2.040	1.316E-11	14.630	2.926	3.883E-11	65.370	13.074	3.464E-09			
514			51.109	10.222	1.655E-09	22.699	4.540	1.450E-10	29.659	5.932	3.235E-10	45.892	9.178	1.198E-09	74.780	14.956	5.185E-09			
515			12.327	2.465	2.323E-11	12.883	2.577	2.651E-11	30.237	6.047	3.428E-10	66.134	13.227	3.586E-09	83.767	16.753	7.288E-09			
516			11.897	2.379	2.088E-11	37.284	7.457	6.426E-10	107.982	21.596	1.561E-08	56.668	11.334	2.256E-09	94.247	18.849	1.038E-08			
517			12.205	2.441	2.254E-11	133.337	26.667	2.939E-08	68.286	13.657	3.948E-09	53.872	10.774	1.939E-09	66.722	13.344	3.683E-09			
518			13.043	2.609	2.751E-11	10.584	2.117	1.470E-11	119.036	23.807	2.091E-08	72.450	14.490	4.715E-09	15.196	3.039	4.351E-11			
519			11.489	2.298	1.881E-11	10.723	2.145	1.529E-11	51.641	10.328	1.708E-09	10.175	2.035	1.306E-11	60.461	12.092	2.740E-09			
520			71.107	14.221	4.458E-09	12.876	2.575	2.647E-11	13.521	2.704	3.065E-11	195.522	39.104	9.268E-08	10.508	2.102	1.438E-11			
521			11.821	2.364	2.048E-11	15.234	3.047	4.383E-11	71.963	14.393	4.621E-09	75.435	15.087	5.322E-09	10.379	2.076	1.386E-11			
522			10.797	2.159	1.560E-11	104.118	20.824	1.399E-08	40.270	8.054	8.097E-10	58.605	11.721	2.496E-09	67.215	13.443	3.765E-09			
523			10.035	2.007	1.253E-11	58.311	11.662	2.458E-09	43.505	8.701	1.021E-09	38.557	7.711	7.107E-10	74.007	14.801	5.026E-09			
524			64.631	12.926	3.347E-09	61.063	12.213	2.823E-09	10.704	2.141	1.521E-11	65.127	13.025	3.425E-09	83.869	16.774	7.315E-09			
525			15.174	3.035	4.332E-11	10.158	2.032	1.300E-11	10.458	2.092	1.418E-11	83.906	16.781	7.324E-09	53.972	10.794	1.949E-09			
526			58.808	11.762	2.522E-09	65.294	13.059	3.451E-09	10.147	2.029	1.295E-11	77.141	15.428	5.692E-09	12.522	2.504	2.434E-11			
527			11.059	2.212	1.677E-11	10.966	2.193	1.635E-11	102.632	20.526	1.340E-08	53.475	10.695	1.896E-09	87.628	17.526	8.343E-09			
528			73.360	14.672	4.895E-09	66.281	13.256	3.610E-09	99.203	19.841	1.211E-08	57.275	11.455	2.330E-09	80.083	16.017	6.368E-09			
529			15.546	3.109	4.659E-11	11.592	2.318	1.931E-11	11.267	2.253	1.774E-11	14.298	2.860	3.624E-11	10.331	2.066	1.367E-11			
530			13.139	2.628	2.813E-11	11.930	2.386	2.106E-11	25.630	5.126	2.088E-10	64.421	12.884	3.315E-09	81.606	16.321	6.738E-09			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
531			11.921	2.384	2.101E-11	14.343	2.869	3.659E-11	62.138	12.428	2.975E-09	75.056	15.011	5.243E-09	61.499	12.300	2.884E-09			
532			80.730	16.146	6.524E-09	56.642	11.328	2.253E-09	14.172	2.834	3.529E-11	80.631	16.126	6.500E-09	79.294	15.859	6.182E-09			
533			-78.804	0.000	0.000E+00	58.679	11.736	2.505E-09	35.109	7.022	5.366E-10	10.438	2.088	1.410E-11	10.760	2.152	1.545E-11			
534			13.410	2.682	2.990E-11	10.322	2.064	1.363E-11	15.072	3.014	4.245E-11	48.913	9.783	1.451E-09	67.504	13.501	3.814E-09			
535			11.176	2.235	1.731E-11	10.816	2.163	1.569E-11	15.036	3.007	4.215E-11	45.093	9.019	1.137E-09	159.215	31.843	5.004E-08			
536			-63.188	0.000	0.000E+00	65.774	13.155	3.528E-09	10.290	2.058	1.351E-11	138.108	27.622	3.266E-08	76.291	15.258	5.506E-09			
537			70.263	14.053	4.301E-09	64.131	12.826	3.270E-09	17.882	3.576	7.089E-11	-72.024	0.000	0.000E+00	13.902	2.780	3.331E-11			
538			-58.291	0.000	0.000E+00	11.073	2.215	1.684E-11	60.846	12.169	2.793E-09	50.022	10.004	1.552E-09	17.499	3.500	6.644E-11			
539			62.313	12.463	3.000E-09	16.488	3.298	5.558E-11	13.785	2.757	3.248E-11	56.533	11.307	2.240E-09	10.840	2.168	1.579E-11			
540			11.310	2.262	1.794E-11	85.446	17.089	7.735E-09	13.440	2.688	3.010E-11	13.891	2.778	3.324E-11	20.813	4.163	1.118E-10			
541			11.174	2.235	1.730E-11	11.320	2.264	1.799E-11	61.879	12.376	2.938E-09	107.881	21.576	1.557E-08	66.940	13.388	3.719E-09			
542			10.484	2.097	1.429E-11	10.597	2.119	1.475E-11	83.633	16.727	7.253E-09	18.726	3.745	8.142E-11	56.100	11.220	2.189E-09			
543			54.206	10.841	1.975E-09	13.567	2.713	3.096E-11	69.989	13.998	4.251E-09	63.241	12.648	3.136E-09	11.271	2.254	1.775E-11			
544			17.035	3.407	6.129E-11	77.799	15.560	5.839E-09	78.810	15.762	6.069E-09	15.353	3.071	4.487E-11	12.185	2.437	2.243E-11			
545			-46.985	0.000	0.000E+00	19.705	3.941	9.486E-11	10.721	2.144	1.528E-11	87.791	17.558	8.390E-09	62.583	12.517	3.039E-09			
546			62.975	12.595	3.097E-09	64.091	12.818	3.264E-09	10.365	2.073	1.381E-11	216.460	43.292	1.258E-07	243.947	48.789	1.800E-07			
547			65.858	13.172	3.542E-09	20.359	4.072	1.046E-10	13.041	2.608	2.750E-11	18.799	3.760	8.238E-11	34.802	6.960	5.227E-10			
548			69.151	13.830	4.100E-09	13.830	2.766	3.280E-11	12.913	2.583	2.670E-11	10.894	2.179	1.603E-11	57.431	11.486	2.349E-09			
549			15.095	3.019	4.265E-11	11.705	2.341	1.988E-11	64.135	12.827	3.271E-09	130.076	26.015	2.729E-08	12.049	2.410	2.169E-11			
550			61.959	12.392	2.949E-09	55.304	11.061	2.097E-09	13.284	2.657	2.907E-11	75.715	15.143	5.382E-09	10.146	2.029	1.295E-11			
551			51.473	10.295	1.691E-09	10.676	2.135	1.509E-11	10.551	2.110	1.456E-11	12.732	2.546	2.559E-11	41.302	8.260	8.736E-10			
552			10.714	2.143	1.525E-11	13.509	2.702	3.057E-11	31.724	6.345	3.959E-10	43.516	8.703	1.022E-09	19.735	3.947	9.530E-11			
553			-76.684	0.000	0.000E+00	65.630	13.126	3.505E-09	10.252	2.050	1.336E-11	55.326	11.065	2.100E-09	69.672	13.934	4.193E-09			
554			44.634	8.927	1.103E-09	11.583	2.317	1.927E-11	17.292	3.458	6.411E-11	13.808	2.762	3.264E-11	12.964	2.593	2.702E-11			
555			89.354	17.871	8.846E-09	10.254	2.051	1.337E-11	66.212	13.242	3.599E-09	86.188	17.238	7.938E-09	77.506	15.501	5.773E-09			
556			14.197	2.839	3.548E-11	10.477	2.095	1.426E-11	43.221	8.644	1.001E-09	77.224	15.445	5.710E-09	43.297	8.659	1.006E-09			
557			13.949	2.790	3.365E-11	77.240	15.448	5.714E-09	10.474	2.095	1.425E-11	64.887	12.977	3.387E-09	70.551	14.110	4.354E-09			
558			12.018	2.404	2.152E-11	10.235	2.047	1.329E-11	10.913	2.183	1.612E-11	114.673	22.935	1.870E-08	11.865	2.373	2.071E-11			
559			10.438	2.088	1.410E-11	10.750	2.150	1.540E-11	12.339	2.468	2.329E-11	61.014	12.203	2.816E-09	58.486	11.697	2.481E-09			
560			10.307	2.061	1.358E-11	11.764	2.353	2.019E-11	11.752	2.350	2.012E-11	32.955	6.591	4.438E-10	112.341	22.468	1.758E-08			
561			14.244	2.849	3.583E-11	59.603	11.921	2.625E-09	10.367	2.073	1.381E-11	23.187	4.637	1.546E-10	11.136	2.227	1.712E-11			
562			48.444	9.689	1.410E-09	51.926	10.385	1.736E-09	82.220	16.444	6.892E-09	81.111	16.222	6.617E-09	25.924	5.185	2.160E-10			
563			-50.093	0.000	0.000E+00	99.377	19.875	1.217E-08	17.019	3.404	6.112E-11	66.545	13.309	3.654E-09	53.700	10.740	1.920E-09			
564			10.631	2.126	1.490E-11	10.019	2.004	1.247E-11	73.344	14.669	4.892E-09	58.542	11.708	2.488E-09	12.515	2.503	2.430E-11			
565			68.020	13.604	3.902E-09	65.649	13.130	3.508E-09	12.233	2.447	2.270E-11	10.029	2.006	1.251E-11	16.101	3.220	5.175E-11			
566			85.808	17.162	7.834E-09	75.747	15.149	5.389E-09	10.393	2.079	1.392E-11	12.807	2.561	2.605E-11	10.987	2.197	1.645E-11			
567			62.933	12.587	3.091E-09	77.544	15.509	5.781E-09	57.030	11.406	2.300E-09	10.356	2.071	1.377E-11	65.628	13.126	3.505E-09			
568			10.962	2.192	1.633E-11	68.521	13.704	3.989E-09	62.694	12.539	3.055E-09	10.778	2.156	1.552E-11	10.952	2.190	1.629E-11			
569			-60.559	0.000	0.000E+00	11.709	2.342	1.990E-11	10.042	2.008	1.256E-11	118.578	23.716	2.067E-08	77.885	15.577	5.858E-09			
570			10.925	2.185	1.617E-11	57.146	11.429	2.314E-09	66.346	13.269	3.621E-09	59.359	11.872	2.593E-09	55.742	11.148	2.148E-09			
571			10.016	2.003	1.246E-11	76.925	15.385	5.644E-09	60.259	12.052	2.713E-09	61.448	12.290	2.877E-09	19.224	3.845	8.808E-11			
572			66.463	13.293	3.640E-09	83.653	16.731	7.258E-09	13.202	2.640	2.853E-11	107.341	21.468	1.534E-08	77.529	15.506	5.778E-09			
573			48.998	9.800	1.459E-09	10.613	2.123	1.482E-11	11.639	2.328	1.955E-11	17.654	3.531	6.822E-11	10.605	2.121	1.479E-11			
574			10.115	2.023	1.283E-11	21.452	4.290	1.224E-10	13.015	2.603	2.733E-11	68.978	13.796	4.069E-09	86.285	17.257	7.965E-09			
575			72.025	14.405	4.633E-09	83.490	16.698	7.216E-09	58.946	11.789	2.540E-09	79.969	15.994	6.341E-09	41.295	8.259	8.731E-10			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
576			12.307	2.461	2.311E-11	10.752	2.150	1.541E-11	11.276	2.255	1.778E-11	53.093	10.619	1.856E-09	-53.920	0.000	0.000E+00			
577			63.290	12.658	3.143E-09	61.423	12.285	2.873E-09	10.260	2.052	1.339E-11	14.044	2.809	3.435E-11	75.966	15.193	5.436E-09			
578			10.578	2.116	1.467E-11	65.529	13.106	3.489E-09	10.196	2.039	1.314E-11	86.726	17.345	8.088E-09	14.227	2.845	3.570E-11			
579			80.675	16.135	6.510E-09	64.684	12.937	3.356E-09	13.195	2.639	2.848E-11	60.898	12.180	2.800E-09	13.522	2.704	3.065E-11			
580			12.162	2.432	2.231E-11	11.971	2.394	2.127E-11	75.547	15.109	5.346E-09	66.444	13.289	3.637E-09	79.362	15.872	6.198E-09			
581			29.587	5.917	3.211E-10	11.243	2.249	1.762E-11	10.464	2.093	1.421E-11	14.937	2.987	4.132E-11	11.058	2.212	1.676E-11			
582			10.115	2.023	1.283E-11	16.992	3.398	6.083E-11	14.752	2.950	3.980E-11	10.150	2.030	1.296E-11	10.226	2.045	1.326E-11			
583			77.826	15.565	5.845E-09	21.290	4.258	1.196E-10	10.949	2.190	1.627E-11	69.089	13.818	4.089E-09	11.195	2.239	1.740E-11			
584			76.769	15.354	5.610E-09	10.739	2.148	1.535E-11	80.994	16.199	6.588E-09	10.218	2.044	1.323E-11	55.196	11.039	2.085E-09			
585			11.327	2.265	1.802E-11	70.527	14.105	4.350E-09	15.612	3.122	4.718E-11	26.300	5.260	2.256E-10	62.567	12.513	3.037E-09			
586			-39.910	0.000	0.000E+00	12.428	2.486	2.380E-11	11.933	2.387	2.107E-11	10.472	2.094	1.424E-11	76.784	15.357	5.613E-09			
587			76.925	15.385	5.644E-09	10.843	2.169	1.581E-11	11.819	2.364	2.047E-11	62.003	12.401	2.955E-09	13.939	2.788	3.358E-11			
588			11.180	2.236	1.733E-11	14.887	2.977	4.091E-11	82.078	16.416	6.856E-09	25.078	5.016	1.956E-10	84.297	16.859	7.427E-09			
589			63.898	12.780	3.235E-09	71.431	14.286	4.519E-09	12.853	2.571	2.633E-11	108.743	21.749	1.594E-08	14.790	2.958	4.011E-11			
590			26.898	5.380	2.413E-10	11.874	2.375	2.076E-11	11.761	2.352	2.017E-11	55.324	11.065	2.100E-09	13.595	2.719	3.116E-11			
591			12.844	2.569	2.627E-11	65.121	13.024	3.424E-09	68.957	13.791	4.066E-09	13.777	2.755	3.242E-11	56.744	11.349	2.265E-09			
592			10.765	2.153	1.547E-11	12.881	2.576	2.650E-11	11.016	2.203	1.657E-11	60.850	12.170	2.794E-09	10.545	2.109	1.454E-11			
593			10.197	2.039	1.315E-11	11.874	2.375	2.076E-11	10.043	2.009	1.256E-11	10.801	2.160	1.562E-11	49.522	9.904	1.506E-09			
594			63.700	12.740	3.205E-09	13.137	2.627	2.811E-11	68.944	13.789	4.063E-09	11.365	2.273	1.820E-11	14.851	2.970	4.062E-11			
595			13.590	2.718	3.112E-11	65.046	13.009	3.412E-09	10.797	2.159	1.560E-11	60.166	12.033	2.700E-09	79.291	15.858	6.181E-09			
596			82.984	16.597	7.086E-09	13.806	2.761	3.263E-11	10.841	2.168	1.580E-11	206.654	41.331	1.094E-07	238.223	47.645	1.676E-07			
597			16.955	3.391	6.044E-11	13.286	2.657	2.908E-11	57.106	11.421	2.309E-09	10.096	2.019	1.276E-11	10.466	2.093	1.421E-11			
598			16.175	3.235	5.247E-11	10.525	2.105	1.446E-11	60.838	12.168	2.792E-09	58.460	11.692	2.477E-09	26.217	5.243	2.234E-10			
599			44.071	8.814	1.061E-09	12.525	2.505	2.436E-11	12.955	2.591	2.696E-11	83.885	16.777	7.319E-09	13.287	2.657	2.909E-11			
600			81.150	16.230	6.626E-09	67.046	13.409	3.737E-09	89.284	17.857	8.825E-09	120.022	24.004	2.144E-08	10.981	2.196	1.642E-11			
601			32.230	6.446	4.151E-10	21.575	4.315	1.245E-10	12.806	2.561	2.604E-11	63.650	12.730	3.197E-09	113.584	22.717	1.817E-08			
602			13.950	2.790	3.366E-11	11.266	2.253	1.773E-11	61.702	12.340	2.913E-09	19.100	3.820	8.640E-11	90.811	18.162	9.286E-09			
603			59.311	11.862	2.587E-09	11.429	2.286	1.851E-11	20.807	4.161	1.117E-10	78.985	15.797	6.110E-09	68.867	13.773	4.050E-09			
604			91.598	18.320	9.529E-09	68.416	13.683	3.971E-09	67.576	13.515	3.826E-09	10.207	2.041	1.319E-11	66.490	13.298	3.645E-09			
605			55.486	11.097	2.118E-09	60.548	12.110	2.752E-09	82.102	16.420	6.862E-09	13.146	2.629	2.817E-11	22.117	4.423	1.341E-10			
606			13.312	2.662	2.925E-11	32.258	6.452	4.162E-10	13.599	2.720	3.118E-11	62.936	12.587	3.091E-09	10.824	2.165	1.572E-11			
607			60.675	12.135	2.770E-09	84.035	16.807	7.358E-09	11.659	2.332	1.965E-11	67.418	13.484	3.799E-09	11.232	2.246	1.757E-11			
608			64.799	12.960	3.374E-09	10.840	2.168	1.579E-11	33.709	6.742	4.749E-10	129.155	25.831	2.671E-08	65.221	13.044	3.440E-09			
609			115.424	23.085	1.907E-08	56.033	11.207	2.181E-09	17.080	3.416	6.178E-11	12.118	2.424	2.207E-11	94.134	18.827	1.034E-08			
610			11.090	2.218	1.691E-11	16.242	3.248	5.312E-11	27.827	5.565	2.672E-10	68.204	13.641	3.934E-09	11.148	2.230	1.718E-11			
611			12.853	2.571	2.633E-11	84.642	16.928	7.519E-09	-35.291	0.000	0.000E+00	71.283	14.257	4.491E-09	75.483	15.097	5.333E-09			
612			65.331	13.066	3.457E-09	11.888	2.378	2.083E-11	87.075	17.415	8.186E-09	134.055	26.811	2.987E-08	10.896	2.179	1.604E-11			
613			80.528	16.106	6.475E-09	63.720	12.744	3.208E-09	87.668	17.534	8.354E-09	10.757	2.151	1.543E-11	11.622	2.324	1.947E-11			
614			13.537	2.707	3.076E-11	45.290	9.058	1.152E-09	10.947	2.189	1.627E-11	89.391	17.878	8.857E-09	64.330	12.866	3.301E-09			
615			67.092	13.418	3.745E-09	89.850	17.970	8.994E-09	68.732	13.746	4.026E-09	11.771	2.354	2.022E-11	40.575	8.115	8.282E-10			
616			71.518	14.304	4.536E-09	18.012	3.602	7.245E-11	57.401	11.480	2.345E-09	12.624	2.525	2.495E-11	47.703	9.541	1.346E-09			
617			22.484	4.497	1.409E-10	14.952	2.990	4.144E-11	10.512	2.102	1.440E-11	67.159	13.432	3.756E-09	72.708	14.542	4.766E-09			
618			12.335	2.467	2.327E-11	13.305	2.661	2.920E-11	10.122	2.024	1.286E-11	72.811	14.562	4.786E-09	10.574	2.115	1.466E-11			
619			56.527	11.305	2.240E-09	68.023	13.605	3.903E-09	58.622	11.724	2.498E-09	10.278	2.056	1.346E-11	65.721	13.144	3.520E-09			
620			68.272	13.654	3.946E-09	13.129	2.626	2.806E-11	61.783	12.357	2.924E-09	125.692	25.138	2.462E-08	10.663	2.133	1.503E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
621			32.579	6.516	4.288E-10	11.568	2.314	1.919E-11	10.284	2.057	1.349E-11	11.289	2.258	1.784E-11	83.149	16.630	7.128E-09			
622			71.596	14.319	4.551E-09	83.762	16.752	7.287E-09	70.516	14.103	4.348E-09	11.462	2.292	1.867E-11	30.456	6.091	3.503E-10			
623			44.698	8.940	1.107E-09	81.202	16.240	6.639E-09	62.192	12.438	2.983E-09	69.864	13.973	4.228E-09	13.851	2.770	3.295E-11			
624			67.281	13.456	3.776E-09	12.142	2.428	2.220E-11	59.113	11.823	2.561E-09	63.968	12.794	3.245E-09	11.568	2.314	1.919E-11			
625			77.563	15.513	5.786E-09	12.598	2.520	2.479E-11	83.261	16.652	7.157E-09	10.396	2.079	1.393E-11	13.283	2.657	2.906E-11			
626			40.862	8.172	8.459E-10	11.277	2.255	1.778E-11	11.895	2.379	2.087E-11	10.211	2.042	1.320E-11	230.203	46.041	1.513E-07			
627			12.072	2.414	2.181E-11	12.043	2.409	2.166E-11	10.968	2.194	1.636E-11	74.731	14.946	5.175E-09	89.783	17.957	8.974E-09			
628			13.178	2.636	2.837E-11	89.940	17.988	9.021E-09	12.527	2.505	2.437E-11	123.940	24.788	2.361E-08	12.300	2.460	2.307E-11			
629			128.636	25.727	2.639E-08	16.716	3.343	5.791E-11	77.396	15.479	5.748E-09	50.437	10.087	1.591E-09	12.325	2.465	2.321E-11			
630			14.764	2.953	3.990E-11	67.232	13.446	3.768E-09	15.423	3.085	4.549E-11	88.535	17.707	8.605E-09	51.700	10.340	1.713E-09			
631			68.452	13.690	3.977E-09	56.504	11.301	2.237E-09	67.001	13.400	3.729E-09	100.476	20.095	1.258E-08	97.467	19.493	1.148E-08			
632			36.257	7.251	5.909E-10	60.576	12.115	2.756E-09	12.646	2.529	2.507E-11	132.521	26.504	2.886E-08	-34.982	0.000	0.000E+00			
633			22.516	4.503	1.415E-10	11.228	2.246	1.755E-11	10.119	2.024	1.285E-11	13.716	2.743	3.199E-11	125.731	25.146	2.464E-08			
634			62.953	12.591	3.093E-09	10.958	2.192	1.631E-11	71.052	14.210	4.448E-09	13.715	2.743	3.199E-11	91.555	18.311	9.516E-09			
635			11.521	2.304	1.896E-11	73.290	14.658	4.881E-09	27.368	5.474	2.542E-10	45.310	9.062	1.153E-09	81.190	16.238	6.636E-09			
636			11.896	2.379	2.087E-11	12.293	2.459	2.303E-11	82.558	16.512	6.977E-09	146.773	29.355	3.920E-08	12.171	2.434	2.236E-11			
637			23.046	4.609	1.518E-10	55.356	11.071	2.103E-09	19.101	3.820	8.640E-11	14.351	2.870	3.665E-11	13.689	2.738	3.181E-11			
638			35.788	7.158	5.683E-10	61.379	12.276	2.867E-09	10.863	2.173	1.589E-11	56.833	11.367	2.276E-09	101.285	20.257	1.288E-08			
639			11.612	2.322	1.942E-11	182.381	36.476	7.522E-08	11.678	2.336	1.975E-11	56.731	11.346	2.264E-09	66.894	13.379	3.712E-09			
640			66.171	13.234	3.592E-09	14.980	2.996	4.168E-11	69.261	13.852	4.120E-09	118.545	23.709	2.066E-08	26.021	5.204	2.185E-10			
641			13.873	2.775	3.311E-11	10.599	2.120	1.476E-11	10.295	2.059	1.353E-11	163.639	32.728	5.433E-08	17.358	3.472	6.485E-11			
642			98.566	19.713	1.187E-08	35.350	7.070	5.477E-10	23.198	4.640	1.548E-10	83.089	16.618	7.112E-09	147.602	29.520	3.987E-08			
643			62.619	12.524	3.045E-09	-62.630	0.000	0.000E+00	11.861	2.372	2.069E-11	53.135	10.627	1.860E-09	49.611	9.922	1.514E-09			
644			65.619	13.124	3.503E-09	13.605	2.721	3.122E-11	13.387	2.677	2.975E-11	84.192	16.838	7.399E-09	74.720	14.944	5.172E-09			
645			11.158	2.232	1.722E-11	12.825	2.565	2.615E-11	10.378	2.076	1.386E-11	17.567	3.513	6.721E-11	83.151	16.630	7.128E-09			
646			12.157	2.431	2.228E-11	15.737	3.147	4.832E-11	10.318	2.064	1.362E-11	15.977	3.195	5.057E-11	29.067	5.813	3.045E-10			
647			10.652	2.130	1.499E-11	43.711	8.742	1.036E-09	40.009	8.002	7.941E-10	80.817	16.163	6.545E-09	10.604	2.121	1.478E-11			
648			28.951	5.790	3.009E-10	18.241	3.648	7.525E-11	12.407	2.481	2.368E-11	82.270	16.454	6.904E-09	183.832	36.766	7.703E-08			
649			55.560	11.112	2.127E-09	13.521	2.704	3.065E-11	10.288	2.058	1.350E-11	64.542	12.908	3.334E-09	24.439	4.888	1.810E-10			
650			59.991	11.998	2.677E-09	18.498	3.700	7.849E-11	86.083	17.217	7.909E-09	10.597	2.119	1.476E-11	84.402	16.880	7.455E-09			
651			14.944	2.989	4.138E-11	64.501	12.900	3.327E-09	10.876	2.175	1.595E-11	62.693	12.539	3.055E-09	67.626	13.525	3.835E-09			
652			76.181	15.236	5.482E-09	10.297	2.059	1.354E-11	61.448	12.290	2.877E-09	42.391	8.478	9.445E-10	14.464	2.893	3.752E-11			
653			12.817	2.563	2.611E-11	-40.819	0.000	0.000E+00	75.465	15.093	5.329E-09	74.796	14.959	5.188E-09	74.186	14.837	5.062E-09			
654			61.022	12.204	2.817E-09	34.950	6.990	5.293E-10	14.693	2.939	3.933E-11	60.465	12.093	2.741E-09	46.035	9.207	1.210E-09			
655			91.215	18.243	9.410E-09	68.389	13.678	3.966E-09	70.367	14.073	4.320E-09	84.298	16.860	7.427E-09	48.699	9.740	1.432E-09			
656			116.628	23.326	1.967E-08	10.547	2.109	1.455E-11	14.935	2.987	4.130E-11	102.811	20.562	1.347E-08	57.561	11.512	2.365E-09			
657			14.081	2.816	3.462E-11	62.017	12.403	2.958E-09	55.855	11.171	2.161E-09	74.443	14.889	5.115E-09	112.675	22.535	1.774E-08			
658			55.706	11.141	2.143E-09	70.939	14.188	4.426E-09	75.359	15.072	5.306E-09	79.253	15.851	6.172E-09	156.745	31.349	4.775E-08			
659			20.573	4.115	1.080E-10	11.374	2.275	1.824E-11	64.324	12.865	3.300E-09	49.592	9.918	1.512E-09	20.925	4.185	1.136E-10			
660			117.188	23.438	1.995E-08	11.221	2.244	1.752E-11	69.176	13.835	4.105E-09	11.292	2.258	1.785E-11	71.328	14.266	4.500E-09			
661			160.768	32.154	5.152E-08	78.725	15.745	6.050E-09	10.086	2.017	1.272E-11	10.343	2.069	1.372E-11	11.825	2.365	2.050E-11			
662			12.833	2.567	2.620E-11	-71.735	0.000	0.000E+00	73.603	14.721	4.944E-09	11.621	2.324	1.946E-11	103.460	20.692	1.373E-08			
663			69.658	13.932	4.191E-09	81.270	16.254	6.656E-09	14.757	2.951	3.984E-11	58.518	11.704	2.485E-09	15.703	3.141	4.801E-11			
664			11.281	2.256	1.780E-11	75.520	15.104	5.340E-09	13.795	2.759	3.255E-11	14.328	2.866	3.647E-11	246.262	49.252	1.852E-07			
665			194.397	38.879	9.109E-08	84.023	16.805	7.355E-09	72.134	14.427	4.654E-09	82.596	16.519	6.987E-09	10.226	2.045	1.326E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
666			98.015	19.603	1.168E-08	10.520	2.104	1.443E-11	14.366	2.873	3.676E-11	83.278	16.656	7.161E-09	48.220	9.644	1.390E-09			
667			138.561	27.712	3.298E-08	76.194	15.239	5.485E-09	12.167	2.433	2.233E-11	13.838	2.768	3.286E-11	15.094	3.019	4.264E-11			
668			89.303	17.861	8.830E-09	19.773	3.955	9.585E-11	11.700	2.340	1.986E-11	107.692	21.538	1.549E-08	42.470	8.494	9.498E-10			
669			194.148	38.830	9.074E-08	-61.512	0.000	0.000E+00	18.941	3.788	8.426E-11	76.675	15.335	5.589E-09	62.439	12.488	3.018E-09			
670			97.046	19.409	1.133E-08	71.225	14.245	4.480E-09	10.715	2.143	1.525E-11	56.476	11.295	2.233E-09	23.804	4.761	1.672E-10			
671			73.010	14.602	4.825E-09	18.553	3.711	7.918E-11	63.703	12.741	3.205E-09	106.988	21.398	1.518E-08						
672			78.944	15.789	6.100E-09	81.057	16.211	6.603E-09	75.903	15.181	5.422E-09	101.376	20.275	1.292E-08						
673			13.997	2.799	3.400E-11	79.648	15.930	6.265E-09	14.109	2.822	3.482E-11	76.149	15.230	5.475E-09						
674			59.895	11.979	2.664E-09	13.511	2.702	3.058E-11	12.185	2.437	2.243E-11	52.571	10.514	1.801E-09						
675			18.525	3.705	7.883E-11	17.501	3.500	6.647E-11	54.889	10.978	2.050E-09	123.436	24.687	2.332E-08						
676			11.441	2.288	1.857E-11	73.009	14.602	4.825E-09	59.605	11.921	2.626E-09	86.540	17.308	8.036E-09						
677			56.092	11.218	2.188E-09	94.402	18.880	1.043E-08	68.364	13.673	3.962E-09	14.016	2.803	3.414E-11						
678			155.538	31.108	4.666E-08	75.746	15.149	5.388E-09	21.562	4.312	1.243E-10	10.106	2.021	1.280E-11						
679			93.471	18.694	1.013E-08	63.232	12.646	3.135E-09	78.213	15.643	5.932E-09	10.105	2.021	1.280E-11						
680			91.686	18.337	9.556E-09	78.745	15.749	6.054E-09	11.615	2.323	1.943E-11	24.898	4.980	1.914E-10						
681			60.800	12.160	2.787E-09	13.556	2.711	3.089E-11	95.233	19.047	1.071E-08	69.841	13.968	4.224E-09						
682			20.000	4.000	9.919E-11	45.907	9.181	1.200E-09	16.768	3.354	5.846E-11	77.756	15.551	5.829E-09						
683			119.476	23.895	2.115E-08	54.128	10.826	1.966E-09	12.913	2.583	2.670E-11	21.068	4.214	1.159E-10						
684			176.481	35.296	6.815E-08	63.313	12.663	3.147E-09	20.286	4.057	1.035E-10	91.226	18.245	9.413E-09						
685			13.332	2.666	2.938E-11	77.281	15.456	5.723E-09	10.817	2.163	1.569E-11	21.800	4.360	1.285E-10						
686			113.713	22.743	1.823E-08	34.296	6.859	5.002E-10	141.734	28.347	3.530E-08	38.905	7.781	7.301E-10						
687			115.082	23.016	1.890E-08	12.932	2.586	2.682E-11	74.642	14.928	5.156E-09	93.531	18.706	1.015E-08						
688			100.463	20.093	1.257E-08	57.208	11.442	2.321E-09	43.327	8.665	1.009E-09	11.119	2.224	1.704E-11						
689			17.292	3.458	6.411E-11	10.191	2.038	1.312E-11	-50.500	0.000	0.000E+00	63.802	12.760	3.220E-09						
690			94.635	18.927	1.051E-08	72.661	14.532	4.756E-09	13.461	2.692	3.024E-11	158.026	31.605	4.893E-08						
691			128.836	25.767	2.652E-08	10.480	2.096	1.427E-11	64.678	12.936	3.355E-09	59.047	11.809	2.553E-09						
692			11.159	2.232	1.723E-11	130.306	26.061	2.743E-08	10.924	2.185	1.616E-11	19.163	3.833	8.725E-11						
693			92.206	18.441	9.720E-09	82.783	16.557	7.034E-09	129.981	25.996	2.723E-08	11.838	2.368	2.057E-11						
694			70.003	14.001	4.254E-09	15.771	3.154	4.864E-11	14.591	2.918	3.852E-11	104.397	20.879	1.411E-08						
695			61.758	12.352	2.921E-09	69.606	13.921	4.182E-09	13.809	2.762	3.265E-11	59.380	11.876	2.596E-09						
696			11.437	2.287	1.855E-11	11.678	2.336	1.975E-11	67.875	13.575	3.877E-09	116.725	23.345	1.972E-08						
697			76.511	15.302	5.553E-09	10.007	2.001	1.242E-11	10.793	2.159	1.559E-11	82.481	16.496	6.957E-09						
698			10.314	2.063	1.360E-11	39.507	7.901	7.646E-10	12.501	2.500	2.422E-11	68.355	13.671	3.960E-09						
699			86.536	17.307	8.035E-09	53.531	10.706	1.902E-09	26.151	5.230	2.217E-10	87.577	17.515	8.328E-09						
700			86.667	17.333	8.071E-09	14.901	2.980	4.102E-11	35.195	7.039	5.405E-10	15.460	3.092	4.581E-11						
701			68.051	13.610	3.907E-09	20.590	4.118	1.082E-10	79.160	15.832	6.150E-09	79.873	15.975	6.318E-09						
702			59.200	11.840	2.572E-09	33.954	6.791	4.854E-10	68.209	13.642	3.935E-09	25.851	5.170	2.142E-10						
703			75.900	15.180	5.422E-09	10.870	2.174	1.592E-11	15.158	3.032	4.318E-11	11.248	2.250	1.765E-11						
704			157.357	31.471	4.831E-08	11.031	2.206	1.664E-11	80.896	16.179	6.564E-09	65.742	13.148	3.523E-09						
705			72.313	14.463	4.689E-09	13.387	2.677	2.974E-11	85.300	17.060	7.696E-09	49.888	9.978	1.540E-09						
706			25.527	5.105	2.063E-10	74.218	14.844	5.069E-09	73.607	14.721	4.945E-09	64.673	12.935	3.354E-09						
707			156.802	31.360	4.780E-08	20.956	4.191	1.141E-10	28.156	5.631	2.768E-10	10.432	2.086	1.408E-11						
708			200.732	40.146	1.003E-07	25.654	5.131	2.094E-10	86.149	17.230	7.927E-09	123.957	24.791	2.362E-08						
709			79.275	15.855	6.177E-09	10.054	2.011	1.260E-11	-38.554	0.000	0.000E+00	16.438	3.288	5.507E-11						
710			38.275	7.655	6.953E-10	79.621	15.924	6.259E-09	14.741	2.948	3.971E-11	125.124	25.025	2.429E-08						

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
711			79.106	15.821	6.138E-09	83.358	16.672	7.182E-09	27.253	5.451	2.510E-10	13.585	2.717	3.109E-11						
712			45.280	9.056	1.151E-09	123.040	24.608	2.310E-08	82.739	16.548	7.023E-09	62.810	12.562	3.072E-09						
713			10.452	2.090	1.416E-11	32.971	6.594	4.444E-10	71.225	14.245	4.480E-09	10.512	2.102	1.440E-11						
714			14.285	2.857	3.614E-11	18.199	3.640	7.474E-11	74.325	14.865	5.091E-09	81.259	16.252	6.653E-09						
715			24.626	4.925	1.852E-10	10.329	2.066	1.366E-11	10.427	2.085	1.406E-11	17.140	3.428	6.244E-11						
716			69.819	13.964	4.220E-09	42.342	8.468	9.412E-10	-88.306	0.000	0.000E+00	10.415	2.083	1.401E-11						
717			125.026	25.005	2.423E-08	76.162	15.232	5.478E-09	24.396	4.879	1.800E-10	83.569	16.714	7.236E-09						
718			187.730	37.546	8.203E-08	19.935	3.987	9.822E-11	60.926	12.185	2.804E-09	10.450	2.090	1.415E-11						
719			67.884	13.577	3.879E-09	57.310	11.462	2.334E-09	88.008	17.602	8.452E-09	10.173	2.035	1.305E-11						
720			67.662	13.532	3.841E-09	89.197	17.839	8.799E-09	66.820	13.364	3.699E-09	52.542	10.508	1.799E-09						
721			15.760	3.152	4.853E-11	127.599	25.520	2.576E-08	41.414	8.283	8.807E-10	52.930	10.586	1.839E-09						
722			104.072	20.814	1.398E-08	88.275	17.655	8.529E-09	14.576	2.915	3.839E-11	128.602	25.720	2.637E-08						
723			177.074	35.415	6.884E-08	25.294	5.059	2.007E-10	11.108	2.222	1.699E-11	80.289	16.058	6.417E-09						
724			48.661	9.732	1.429E-09	28.024	5.605	2.729E-10	10.963	2.193	1.634E-11	84.930	16.986	7.596E-09						
725			195.819	39.164	9.310E-08	62.975	12.595	3.097E-09	139.184	27.837	3.343E-08	38.740	7.748	7.209E-10						
726			55.339	11.068	2.101E-09	55.450	11.090	2.114E-09	85.209	17.042	7.671E-09	64.835	12.967	3.379E-09						
727			177.967	35.593	6.989E-08	47.232	9.446	1.306E-09	20.282	4.056	1.035E-10	106.017	21.203	1.477E-08						
728			151.127	30.225	4.280E-08	12.824	2.565	2.615E-11	14.939	2.988	4.134E-11	108.621	21.724	1.589E-08						
729			67.646	13.529	3.838E-09	11.248	2.250	1.765E-11	66.966	13.393	3.724E-09	47.384	9.477	1.319E-09						
730			28.182	5.636	2.775E-10	72.471	14.494	4.719E-09	12.169	2.434	2.235E-11	58.688	11.738	2.506E-09						
731			74.538	14.908	5.135E-09	81.192	16.238	6.636E-09	13.036	2.607	2.747E-11	115.711	23.142	1.921E-08						
732			76.346	15.269	5.518E-09	60.135	12.027	2.696E-09	61.219	12.244	2.845E-09	10.666	2.133	1.505E-11						
733			100.705	20.141	1.266E-08	188.986	37.797	8.369E-08	163.525	32.705	5.422E-08	70.830	14.166	4.406E-09						
734			169.796	33.959	6.070E-08	62.208	12.442	2.985E-09	19.516	3.903	9.217E-11	56.732	11.346	2.264E-09						
735			15.821	3.164	4.910E-11	11.285	2.257	1.782E-11	46.078	9.216	1.213E-09	75.122	15.024	5.256E-09						
736			33.749	6.750	4.766E-10	11.864	2.373	2.071E-11	73.036	14.607	4.831E-09	57.844	11.569	2.400E-09						
737			38.638	7.728	7.152E-10	175.252	35.050	6.674E-08	52.963	10.593	1.842E-09	118.451	23.690	2.061E-08						
738			94.232	18.846	1.037E-08	157.240	31.448	4.820E-08	15.712	3.142	4.809E-11	17.793	3.559	6.984E-11						
739			114.445	22.889	1.859E-08	40.229	8.046	8.073E-10	129.096	25.819	2.668E-08	62.024	12.405	2.958E-09						
740			75.904	15.181	5.422E-09	66.971	13.394	3.724E-09	17.173	3.435	6.280E-11	10.257	2.051	1.338E-11						
741			83.313	16.663	7.170E-09	-62.228	0.000	0.000E+00	140.479	28.096	3.437E-08	52.239	10.448	1.768E-09						
742			54.108	10.822	1.964E-09	101.022	20.204	1.278E-08	17.178	3.436	6.285E-11	12.269	2.454	2.290E-11						
743			11.898	2.380	2.088E-11	163.897	32.779	5.459E-08	10.084	2.017	1.271E-11	60.550	12.110	2.753E-09						
744						27.378	5.476	2.544E-10	48.679	9.736	1.430E-09	18.881	3.776	8.345E-11						
745						12.723	2.545	2.554E-11	16.732	3.346	5.808E-11	66.101	13.220	3.581E-09						
746						81.073	16.215	6.607E-09	92.239	18.448	9.731E-09	120.390	24.078	2.164E-08						
747						61.457	12.291	2.878E-09	10.113	2.023	1.283E-11	11.300	2.260	1.789E-11						
748						94.673	18.935	1.052E-08	32.560	6.512	4.280E-10	82.093	16.419	6.860E-09						
749						79.310	15.862	6.185E-09	16.945	3.389	6.033E-11	33.706	6.741	4.748E-10						
750						89.624	17.925	8.926E-09	11.625	2.325	1.948E-11	36.328	7.266	5.944E-10						
751						64.951	12.990	3.397E-09	68.494	13.699	3.984E-09	71.795	14.359	4.588E-09						
752						13.614	2.723	3.129E-11	54.735	10.947	2.033E-09	69.241	13.848	4.116E-09						
753						14.352	2.870	3.666E-11	82.898	16.580	7.064E-09	69.713	13.943	4.201E-09						
754						62.213	12.443	2.986E-09	12.991	2.598	2.718E-11	76.374	15.275	5.524E-09						
755						91.412	18.282	9.471E-09	187.859	37.572	8.220E-08	63.088	12.618	3.113E-09						

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			
801						146.632	29.326	3.909E-08	10.247	2.049	1.334E-11										
802						179.412	35.882	7.161E-08	183.815	36.763	7.701E-08										
803						20.756	4.151	1.109E-10	121.498	24.300	2.224E-08										
804						28.212	5.642	2.784E-10	62.881	12.576	3.083E-09										
805						164.733	32.947	5.543E-08	11.302	2.260	1.790E-11										
806						175.701	35.140	6.725E-08	16.980	3.396	6.070E-11										
807						228.381	45.676	1.477E-07	115.702	23.140	1.921E-08										
808						79.442	15.888	6.216E-09	72.323	14.465	4.691E-09										
809						129.917	25.983	2.719E-08	68.609	13.722	4.004E-09										
810						165.256	33.051	5.596E-08	85.015	17.003	7.619E-09										
811						124.795	24.959	2.410E-08	11.764	2.353	2.019E-11										
812						60.732	12.146	2.777E-09	11.551	2.310	1.911E-11										
813						11.437	2.287	1.855E-11	10.499	2.100	1.435E-11										
814						142.064	28.413	3.555E-08	189.224	37.845	8.401E-08										
815						11.085	2.217	1.689E-11	68.641	13.728	4.010E-09										
816						109.896	21.979	1.646E-08	49.832	9.966	1.534E-09										
817						80.557	16.111	6.482E-09	83.766	16.753	7.288E-09										
818						188.908	37.782	8.359E-08	198.175	39.635	9.650E-08										
819						140.462	28.092	3.436E-08	11.369	2.274	1.822E-11										
820						10.177	2.035	1.307E-11	36.182	7.236	5.873E-10										
821						27.367	5.473	2.541E-10	41.154	8.231	8.642E-10										
822						51.054	10.211	1.650E-09	89.495	17.899	8.888E-09										
823						74.517	14.903	5.130E-09	11.463	2.293	1.868E-11										
824						101.231	20.246	1.286E-08	88.645	17.729	8.637E-09										
825						41.114	8.223	8.617E-10	66.372	13.274	3.625E-09										
826						13.862	2.772	3.303E-11	136.236	27.247	3.135E-08										
827						37.204	7.441	6.385E-10	73.758	14.752	4.975E-09										
828						81.754	16.351	6.775E-09	122.243	24.449	2.265E-08										
829						38.178	7.636	6.900E-10	41.663	8.333	8.967E-10										
830						122.989	24.598	2.307E-08	13.201	2.640	2.853E-11										
831									184.432	36.886	7.779E-08										
832									75.206	15.041	5.274E-09										
833									101.948	20.390	1.314E-08										
834									230.710	46.142	1.523E-07										
835									22.327	4.465	1.380E-10										
836									114.478	22.896	1.860E-08										
837									55.561	11.112	2.127E-09										
838									19.515	3.903	9.215E-11										
839									13.355	2.671	2.953E-11										
840									168.692	33.738	5.952E-08										
841									60.918	12.184	2.803E-09										
842									145.332	29.066	3.806E-08										
843									31.878	6.376	4.017E-10										
844									144.238	28.848	3.721E-08										
845									79.994	15.999	6.347E-09										

Data: Flyover 1 - Span 9 (25.00 m) - IG-01																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09		
									104.513	20.903	1.415E-08									

Flyover 1 - Span 9 (25.00 m) - IG-02
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4		Day 5		Day 6		Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
Max.	28.377	3.542E-08	Max.	63.537	3.975E-07	Max.	37.609	8.245E-08	Max.	36.106	7.295E-08	Max.	41.326	1.094E-07	Max.	37.565	8.216E-08
Cum.	-	6.787E-07	Cum.	-	3.319E-06	Cum.	-	3.183E-06	Cum.	-	3.795E-06	Cum.	-	3.116E-06	Cum.	-	1.745E-06

Data: Flyover 1 - Span 9 (25.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
1	63.328	12.666	3.149E-09	13.937	2.787	3.357E-11	33.922	6.784	4.840E-10	112.477	22.495	1.764E-08	79.300	15.860	6.183E-09	67.479	13.496	3.810E-09	30.431	6.086	3.494E-10
2	10.289	2.058	1.351E-11	138.133	27.627	3.268E-08	57.342	11.468	2.338E-09	171.852	34.370	6.293E-08	45.142	9.028	1.141E-09	37.674	7.535	6.630E-10	10.796	2.159	1.560E-11
3	39.536	7.907	7.662E-10	44.224	8.845	1.072E-09	36.627	7.325	6.092E-10	43.427	8.685	1.015E-09	89.733	17.947	8.959E-09	58.229	11.646	2.448E-09	50.621	10.124	1.608E-09
4	11.070	2.214	1.682E-11	122.860	24.572	2.299E-08	39.871	7.974	7.859E-10	129.178	25.836	2.673E-08	47.578	9.516	1.335E-09	38.700	7.740	7.187E-10	31.401	6.280	3.839E-10
5	10.714	2.143	1.525E-11	35.865	7.173	5.720E-10	17.508	3.502	6.655E-11	31.830	6.366	3.998E-10	38.184	7.637	6.903E-10	37.751	7.550	6.671E-10	12.973	2.595	2.707E-11
6	-32.232	0.000	0.000E+00	104.308	20.862	1.407E-08	125.349	25.070	2.442E-08	28.650	5.730	2.916E-10	37.142	7.428	6.353E-10	9.041	1.808	9.163E-12	17.675	3.535	6.847E-11
7	47.558	9.512	1.334E-09	17.365	3.473	6.493E-11	9.424	1.885	1.038E-11	30.807	6.161	3.625E-10	35.432	7.086	5.515E-10	48.078	9.616	1.378E-09	51.727	10.345	1.716E-09
8	65.875	13.175	3.545E-09	96.182	19.236	1.103E-08	79.927	15.985	6.331E-09	84.136	16.827	7.385E-09	11.788	2.358	2.031E-11	66.635	13.327	3.669E-09	10.441	2.088	1.411E-11
9	65.055	13.011	3.414E-09	110.303	22.061	1.664E-08	50.000	10.000	1.550E-09	18.053	3.611	7.295E-11	123.347	24.669	2.327E-08	45.548	9.110	1.172E-09	30.302	6.060	3.450E-10
10	61.786	12.357	2.925E-09	41.750	8.350	9.023E-10	131.080	26.216	2.793E-08	55.280	11.056	2.095E-09	14.906	2.981	4.106E-11	33.928	6.786	4.843E-10	16.455	3.291	5.525E-11
11	10.862	2.172	1.589E-11	13.463	2.693	3.026E-11	115.327	23.065	1.902E-08	88.544	17.709	8.607E-09	34.707	6.941	5.184E-10	82.292	16.458	6.910E-09	-27.698	0.000	0.000E+00
12	48.847	9.769	1.445E-09	104.627	20.925	1.420E-08	15.221	3.044	4.372E-11	55.255	11.051	2.092E-09	11.863	2.373	2.070E-11	37.907	7.581	6.754E-10	17.655	3.531	6.823E-11
13	40.908	8.182	8.488E-10	28.105	5.621	2.753E-10	19.033	3.807	8.549E-11	119.716	23.943	2.127E-08	39.794	7.959	7.814E-10	59.417	11.883	2.601E-09	16.712	3.342	5.787E-11
14	48.588	9.718	1.422E-09	122.626	24.525	2.286E-08	130.434	26.087	2.751E-08	117.630	23.526	2.018E-08	32.328	6.466	4.189E-10	15.703	3.141	4.801E-11	31.804	6.361	3.989E-10
15	15.920	3.184	5.003E-11	108.374	21.675	1.578E-08	19.438	3.888	9.107E-11	41.095	8.219	8.605E-10	55.275	11.055	2.094E-09	84.621	16.924	7.513E-09	11.351	2.270	1.814E-11
16	-41.945	0.000	0.000E+00	110.610	22.122	1.678E-08	52.504	10.501	1.795E-09	8.995	1.799	9.023E-12	42.499	8.500	9.518E-10	9.876	1.975	1.194E-11	31.351	6.270	3.821E-10
17	25.284	5.057	2.004E-10	112.057	22.411	1.745E-08	55.527	11.105	2.123E-09	43.074	8.615	9.909E-10	52.101	10.420	1.754E-09	40.255	8.051	8.088E-10	11.833	2.367	2.054E-11
18	44.530	8.906	1.095E-09	93.805	18.761	1.023E-08	62.780	12.556	3.068E-09	24.803	4.961	1.892E-10	38.382	7.676	7.011E-10	32.961	6.592	4.440E-10	25.995	5.199	2.178E-10
19	11.505	2.301	1.888E-11	52.750	10.550	1.820E-09	57.773	11.555	2.391E-09	120.922	24.184	2.192E-08	118.073	23.615	2.041E-08	34.963	6.993	5.299E-10	27.933	5.587	2.702E-10
20	28.842	5.768	2.975E-10	109.001	21.800	1.606E-08	33.540	6.708	4.678E-10	15.322	3.064	4.460E-11	23.308	4.662	1.570E-10	48.811	9.762	1.442E-09	21.276	4.255	1.194E-10
21	40.680	8.136	8.347E-10	52.629	10.526	1.807E-09	27.021	5.404	2.446E-10	35.527	7.105	5.560E-10	132.003	26.401	2.852E-08	77.507	15.501	5.773E-09	14.555	2.911	3.823E-11
22	29.193	5.839	3.085E-10	53.375	10.675	1.885E-09	35.106	7.021	5.364E-10	137.316	27.463	3.210E-08	32.400	6.480	4.217E-10	55.476	11.095	2.117E-09	27.496	5.499	2.578E-10
23	50.316	10.063	1.579E-09	49.939	9.988	1.544E-09	49.290	9.858	1.485E-09	8.009	1.602	6.370E-12	30.452	6.090	3.501E-10	31.900	6.380	4.025E-10	21.013	4.203	1.150E-10
24	27.375	5.475	2.544E-10	87.798	17.560	8.392E-09	91.956	18.391	9.641E-09	46.925	9.385	1.281E-09	108.031	21.606	1.563E-08	88.592	17.718	8.621E-09	13.540	2.708	3.078E-11
25	38.948	7.790	7.326E-10	112.417	22.483	1.762E-08	34.770	6.954	5.212E-10	24.800	4.960	1.891E-10	81.213	16.243	6.642E-09	45.896	9.179	1.199E-09	33.086	6.617	4.491E-10
26	41.624	8.325	8.942E-10	90.968	18.194	9.334E-09	38.499	7.700	7.075E-10	127.399	25.480	2.564E-08	55.078	11.016	2.072E-09	57.774	11.555	2.391E-09	27.124	5.425	2.474E-10
27	37.409	7.482	6.491E-10	25.338	5.068	2.017E-10	50.222	10.044	1.571E-09	113.970	22.794	1.836E-08	27.336	5.467	2.533E-10	30.112	6.022	3.385E-10	29.774	5.955	3.273E-10
28	17.889	3.578	7.098E-11	33.990	6.798	4.869E-10	123.627	24.725	2.343E-08	29.801	5.960	3.282E-10	19.147	3.829	8.704E-11	40.300	8.060	8.116E-10	28.731	5.746	2.941E-10
29	51.391	10.278	1.683E-09	95.074	19.015	1.066E-08	23.924	4.785	1.698E-10	37.014	7.403	6.288E-10	37.879	7.576	6.739E-10	51.826	10.365	1.726E-09	27.134	5.427	2.477E-10
30	64.157	12.831	3.274E-09	29.900	5.980	3.315E-10	134.815	26.963	3.038E-08	19.923	3.985	9.805E-11	38.236	7.647	6.931E-10	33.040	6.608	4.472E-10	26.511	5.302	2.310E-10
31	35.365	7.073	5.484E-10	91.704	18.341	9.562E-09	-33.617	0.000	0.000E+00	83.706	16.741	7.272E-09	49.741	9.948	1.526E-09	71.722	14.344	4.575E-09	17.009	3.402	6.101E-11
32	45.258	9.052	1.149E-09	94.585	18.917	1.049E-08	30.904	6.181	3.660E-10	80.720	16.144	6.521E-09	15.872	3.174	4.958E-11	56.364	11.273	2.220E-09	30.359	6.072	3.469E-10
33	41.024	8.205	8.561E-10	60.829	12.166	2.791E-09	55.643	11.129	2.136E-09	145.073	29.015	3.786E-08	66.366	13.273	3.624E-09	10.745	2.149	1.538E-11	34.915	6.983	5.277E-10
34	34.378	6.876	5.038E-10	36.712	7.342	6.135E-10	130.689	26.138	2.768E-08	54.029	10.806	1.956E-09	-52.700	0.000	0.000E+00	12.657	2.531	2.514E-11	22.987	4.597	1.506E-10
35	17.907	3.581	7.120E-11	77.140	15.428	5.692E-09	50.850	10.170	1.630E-09	89.975	17.995	9.031E-09	79.400	15.880	6.207E-09	41.337	8.267	8.758E-10	30.046	6.009	3.363E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
36	46.950	9.390	1.283E-09	26.563	5.313	2.324E-10	60.560	12.112	2.754E-09	45.513	9.103	1.169E-09	62.955	12.591	3.094E-09	77.909	15.582	5.863E-09	18.794	3.759	8.230E-11
37	52.061	10.412	1.750E-09	105.527	21.105	1.457E-08	34.200	6.840	4.960E-10	180.530	36.106	7.295E-08	88.723	17.745	8.660E-09	8.847	1.769	8.585E-12	21.457	4.291	1.225E-10
38	33.442	6.688	4.637E-10	144.869	28.974	3.770E-08	69.346	13.869	4.135E-09	165.381	33.076	5.609E-08	93.663	18.733	1.019E-08	70.668	14.134	4.376E-09	31.258	6.252	3.787E-10
39	53.925	10.785	1.944E-09	103.945	20.789	1.393E-08	82.408	16.482	6.939E-09	167.918	33.584	5.871E-08	36.788	7.358	6.173E-10	53.058	10.612	1.852E-09	18.495	3.699	7.845E-11
40	48.219	9.644	1.390E-09	102.475	20.495	1.334E-08	121.824	24.365	2.242E-08	178.698	35.740	7.075E-08	39.856	7.971	7.850E-10	27.017	5.403	2.445E-10	24.391	4.878	1.799E-10
41	15.875	3.175	4.961E-11	52.435	10.487	1.787E-09	33.298	6.660	4.578E-10	40.654	8.131	8.331E-10	60.372	12.074	2.728E-09	86.485	17.297	8.021E-09	20.306	4.061	1.038E-10
42	-54.123	0.000	0.000E+00	118.781	23.756	2.078E-08	85.672	17.134	7.797E-09	108.624	21.725	1.589E-08	76.646	15.329	5.583E-09	38.597	7.719	7.129E-10	33.592	6.718	4.700E-10
43	47.951	9.590	1.367E-09	99.781	19.956	1.232E-08	35.884	7.177	5.729E-10	53.631	10.726	1.913E-09	98.519	19.704	1.186E-08	68.051	13.610	3.907E-09	10.301	2.060	1.355E-11
44	43.068	8.614	9.905E-10	87.541	17.508	8.318E-09	22.175	4.435	1.352E-10	113.349	22.670	1.806E-08	81.887	16.377	6.808E-09	24.622	4.924	1.851E-10	13.279	2.656	2.903E-11
45	45.166	9.033	1.142E-09	121.752	24.350	2.238E-08	106.000	21.200	1.477E-08	33.824	6.765	4.798E-10	26.101	5.220	2.205E-10	64.331	12.866	3.301E-09	20.490	4.098	1.067E-10
46	62.257	12.451	2.992E-09	46.733	9.347	1.266E-09	7.503	1.501	5.237E-12	42.237	8.447	9.343E-10	36.646	7.329	6.102E-10	35.033	7.007	5.331E-10	10.404	2.081	1.396E-11
47	83.408	16.682	7.195E-09	30.433	6.087	3.495E-10	41.372	8.274	8.781E-10	116.093	23.219	1.940E-08	105.617	21.123	1.461E-08	31.298	6.260	3.801E-10	25.691	5.138	2.103E-10
48	29.081	5.816	3.049E-10	107.459	21.492	1.539E-08	67.685	13.537	3.845E-09	58.668	11.734	2.504E-09	46.400	9.280	1.239E-09	39.463	7.893	7.620E-10	26.503	5.301	2.308E-10
49	28.071	5.614	2.743E-10	64.994	12.999	3.404E-09	94.265	18.853	1.039E-08	75.724	15.145	5.384E-09	64.853	12.971	3.382E-09	58.724	11.745	2.511E-09	33.171	6.634	4.526E-10
50	10.431	2.086	1.407E-11	66.631	13.326	3.668E-09	46.666	9.333	1.260E-09	51.712	10.342	1.715E-09	31.930	6.386	4.036E-10	128.006	25.601	2.601E-08	18.691	3.738	8.096E-11
51	10.295	2.059	1.353E-11	36.174	7.235	5.869E-10	30.983	6.197	3.688E-10	168.821	33.764	5.966E-08	85.031	17.006	7.623E-09	28.333	5.667	2.820E-10	24.446	4.889	1.811E-10
52	46.120	9.224	1.216E-09	55.645	11.129	2.136E-09	45.833	9.167	1.194E-09	9.823	1.965	1.175E-11	65.523	13.105	3.488E-09	89.084	17.817	8.766E-09	22.898	4.580	1.489E-10
53	-42.674	0.000	0.000E+00	134.429	26.886	3.012E-08	89.728	17.946	8.957E-09	121.815	24.363	2.241E-08	93.179	18.636	1.003E-08	7.904	1.581	6.122E-12	11.454	2.291	1.863E-11
54	54.820	10.964	2.043E-09	104.260	20.852	1.405E-08	34.203	6.841	4.961E-10	120.848	24.170	2.188E-08	81.755	16.351	6.775E-09	55.980	11.196	2.175E-09	21.318	4.264	1.201E-10
55	55.590	11.118	2.130E-09	81.023	16.205	6.595E-09	121.354	24.271	2.216E-08	126.832	25.366	2.530E-08	87.652	17.530	8.350E-09	61.102	12.220	2.829E-09	23.670	4.734	1.644E-10
56	45.588	9.118	1.175E-09	40.768	8.154	8.401E-10	41.199	8.240	8.671E-10	76.746	15.349	5.605E-09	53.799	10.760	1.931E-09	47.680	9.536	1.344E-09	23.640	4.728	1.638E-10
57	10.301	2.060	1.355E-11	42.642	8.528	9.614E-10	39.344	7.869	7.551E-10	63.331	12.666	3.149E-09	49.989	9.998	1.549E-09	30.875	6.175	3.649E-10	20.795	4.159	1.115E-10
58	45.414	9.083	1.161E-09	113.756	22.751	1.825E-08	55.356	11.071	2.103E-09	53.335	10.667	1.881E-09	79.750	15.950	6.289E-09	64.103	12.821	3.266E-09	26.711	5.342	2.363E-10
59	99.136	19.827	1.208E-08	81.745	16.349	6.773E-09	127.751	25.550	2.585E-08	58.294	11.659	2.456E-09	70.902	14.180	4.419E-09	65.491	13.098	3.483E-09	29.801	5.960	3.282E-10
60	31.413	6.283	3.843E-10	53.232	10.646	1.870E-09	74.148	14.830	5.055E-09	49.926	9.985	1.543E-09	37.293	7.459	6.431E-10	31.891	6.378	4.022E-10	31.954	6.391	4.045E-10
61	40.398	8.080	8.175E-10	44.153	8.831	1.067E-09	52.531	10.506	1.797E-09	61.436	12.287	2.875E-09	11.810	2.362	2.042E-11	49.256	9.851	1.482E-09	23.596	4.719	1.629E-10
62	-25.157	0.000	0.000E+00	62.872	12.574	3.081E-09	129.825	25.965	2.713E-08	91.580	18.316	9.523E-09	47.169	9.434	1.301E-09	41.706	8.341	8.995E-10	22.064	4.413	1.332E-10
63	47.850	9.570	1.358E-09	50.205	10.041	1.569E-09	83.065	16.613	7.106E-09	180.435	36.087	7.284E-08	40.084	8.017	7.986E-10	65.581	13.116	3.497E-09	26.085	5.217	2.201E-10
64	65.216	13.043	3.439E-09	117.771	23.554	2.025E-08	134.918	26.984	3.045E-08	39.950	7.990	7.906E-10	65.857	13.171	3.542E-09	52.750	10.550	1.820E-09	22.284	4.457	1.372E-10
65	69.961	13.992	4.246E-09	50.413	10.083	1.589E-09	126.462	25.292	2.508E-08	129.518	25.904	2.694E-08	8.305	1.661	7.103E-12	40.186	8.037	8.047E-10	32.134	6.427	4.114E-10
66	88.289	17.658	8.533E-09	45.853	9.171	1.195E-09	63.570	12.714	3.185E-09	-79.470	0.000	0.000E+00	153.920	30.784	4.521E-08	52.331	10.466	1.777E-09	26.768	5.354	2.378E-10
67	26.011	5.202	2.182E-10	87.491	17.498	8.304E-09	119.449	23.890	2.113E-08	74.466	14.893	5.120E-09	48.324	9.665	1.399E-09	67.421	13.484	3.800E-09	23.471	4.694	1.603E-10
68	42.704	8.541	9.656E-10	14.287	2.857	3.616E-11	91.977	18.395	9.648E-09	11.722	2.344	1.997E-11	31.692	6.338	3.947E-10	41.587	8.317	8.918E-10	23.718	4.744	1.654E-10
69	10.451	2.090	1.415E-11	110.870	22.174	1.690E-08	79.984	15.997	6.345E-09	46.284	9.257	1.229E-09	124.950	24.990	2.419E-08	92.052	18.410	9.671E-09	16.454	3.291	5.523E-11
70	35.485	7.097	5.540E-10	28.588	5.718	2.897E-10	75.594	15.119	5.356E-09	88.530	17.706	8.603E-09	-77.453	0.000	0.000E+00	61.533	12.307	2.889E-09	30.394	6.079	3.482E-10
71	14.791	2.958	4.012E-11	55.855	11.171	2.161E-09	118.816	23.763	2.080E-08	39.674	7.935	7.743E-10	72.117	14.423	4.651E-09	8.664	1.733	8.064E-12	22.670	4.534	1.445E-10
72	44.951	8.990	1.126E-09	114.835	22.967	1.878E-08	48.632	9.726	1.426E-09	42.368	8.474	9.430E-10	34.085	6.817	4.910E-10	35.802	7.160	5.690E-10	15.430	3.086	4.555E-11
73	24.255	4.851	1.769E-10	11.850	2.370	2.063E-11	69.800	13.960	4.217E-09	47.616	9.523	1.339E-09	45.603	9.121	1.176E-09	53.867	10.773	1.938E-09	30.704	6.141	3.589E-10
74	46.507	9.301	1.247E-09	106.100	21.220	1.481E-08	125.260	25.052	2.437E-08	44.429	8.886	1.087E-09	50.497	10.099	1.597E-09	67.383	13.477	3.793E-09	22.657	4.531	1.442E-10
75	46.892	9.378	1.278E-09	64.931	12.986	3.394E-09	89.144	17.829	8.783E-09	67.717	13.543	3.850E-09	29.053	5.811	3.041E-10	70.499	14.100	4.345E-09	29.000	5.800	3.024E-10
76	42.063	8.413	9.228E-10	56.737	11.347	2.265E-09	44.642	8.928	1.103E-09	28.750	5.750	2.947E-10	74.453	14.891	5.117E-09	43.793	8.759	1.041E-09	25.830	5.166	2.137E-10
77	49.658	9.932	1.518E-09	59.789	11.958	2.650E-09	20.120	4.024	1.010E-10	120.430	24.086	2.166E-08	64.297	12.859	3.296E-09	64.351	12.870	3.304E-09	26.011	5.202	2.182E-10
78	15.221	3.044	4.372E-11	29.692	5.938	3.246E-10	114.341	22.868	1.854E-08	41.361	8.272	8.773E-10	134.604	26.921	3.024E-08	44.569	8.914	1.098E-09	22.759	4.552	1.462E-10
79	45.946	9.189	1.203E-09	135.084	27.017	3.056E-08	29.760	5.952	3.268E-10	37.976	7.595	6.791E-10	131.208	26.242	2.801E-08	42.625	8.525	9.603E-10	25.075	5.015	1.955E-10
80	66.325	13.265	3.618E-09	31.061	6.212	3.716E-10	13.849	2													

Data: Flyover 1 - Span 9 (25.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
81	79.821	15.964	6.306E-09	70.385	14.077	4.323E-09	132.679	26.536	2.896E-08	39.214	7.843	7.477E-10	23.962	4.792	1.706E-10	48.994	9.799	1.458E-09	30.315	6.063	3.454E-10
82	22.371	4.474	1.388E-10	45.119	9.024	1.139E-09	131.149	26.230	2.797E-08	37.425	7.485	6.499E-10	76.843	15.369	5.626E-09	42.932	8.586	9.811E-10	21.748	4.350	1.275E-10
83	83.581	16.716	7.240E-09	81.201	16.240	6.639E-09	44.145	8.829	1.067E-09	62.643	12.529	3.048E-09	152.103	30.421	4.363E-08	69.650	13.930	4.189E-09	25.217	5.043	1.988E-10
84	86.083	17.217	7.909E-09	108.019	21.604	1.563E-08	42.813	8.563	9.730E-10	76.610	15.322	5.575E-09	73.502	14.700	4.924E-09	61.826	12.365	2.930E-09	36.657	7.331	6.107E-10
85	36.315	7.263	5.938E-10	118.563	23.713	2.067E-08	83.051	16.610	7.103E-09	139.648	27.930	3.377E-08	57.369	11.474	2.341E-09	43.759	8.752	1.039E-09	28.510	5.702	2.873E-10
86	45.898	9.180	1.199E-09	112.875	22.575	1.783E-08	34.809	6.962	5.230E-10	81.251	16.250	6.651E-09	143.650	28.730	3.675E-08	67.796	13.559	3.864E-09	18.727	3.745	8.143E-11
87	87.020	17.404	8.171E-09	37.945	7.589	6.774E-10	134.454	26.891	3.014E-08	33.749	6.750	4.766E-10	133.795	26.759	2.970E-08	44.063	8.813	1.061E-09	20.915	4.183	1.134E-10
88	41.940	8.388	9.147E-10	54.726	10.945	2.032E-09	43.865	8.773	1.046E-09	156.504	31.301	4.753E-08	48.941	9.788	1.453E-09	62.793	12.559	3.070E-09	17.148	3.430	6.252E-11
89	109.210	21.842	1.615E-08	37.012	7.402	6.286E-10	60.478	12.096	2.743E-09	71.003	14.201	4.438E-09	206.631	41.326	1.094E-07	58.890	11.778	2.532E-09	32.638	6.528	4.311E-10
90	107.615	21.523	1.545E-08	59.981	11.996	2.676E-09	85.954	17.191	7.874E-09	125.675	25.135	2.461E-08	68.455	13.691	3.978E-09	63.299	12.660	3.145E-09	18.925	3.785	8.405E-11
91	127.562	25.512	2.574E-08	105.277	21.055	1.447E-08	94.015	18.803	1.030E-08	116.119	23.224	1.941E-08	126.021	25.204	2.482E-08	52.618	10.524	1.806E-09	30.997	6.199	3.693E-10
92	80.325	16.065	6.426E-09	79.210	15.842	6.162E-09	60.125	12.025	2.695E-09	90.940	18.188	9.325E-09	68.396	13.679	3.967E-09	63.848	12.770	3.227E-09	18.022	3.604	7.258E-11
93	60.898	12.180	2.800E-09	105.407	21.081	1.452E-08	38.818	7.764	7.253E-10	24.094	4.819	1.734E-10	60.627	12.125	2.763E-09	58.399	11.680	2.470E-09	17.073	3.415	6.171E-11
94	111.013	22.203	1.696E-08	69.372	13.874	4.139E-09	78.621	15.724	6.026E-09	58.119	11.624	2.434E-09	59.251	11.850	2.579E-09	67.630	13.526	3.835E-09	20.749	4.150	1.108E-10
95	126.034	25.207	2.482E-08	51.847	10.369	1.728E-09	82.614	16.523	6.991E-09	71.414	14.283	4.516E-09	48.193	9.639	1.388E-09	119.514	23.903	2.117E-08	45.969	9.194	1.204E-09
96	77.178	15.436	5.700E-09	164.221	32.844	5.491E-08	36.869	7.374	6.214E-10	111.809	22.362	1.733E-08	131.175	26.235	2.799E-08	33.652	6.730	4.725E-10	21.294	4.259	1.197E-10
97	29.571	5.914	3.206E-10	66.176	13.235	3.593E-09	41.483	8.297	8.851E-10	75.360	15.072	5.307E-09	52.749	10.550	1.820E-09	59.364	11.873	2.594E-09	29.770	5.954	3.271E-10
98	72.671	14.534	4.759E-09	12.802	2.560	2.602E-11	63.519	12.704	3.178E-09	119.450	23.890	2.113E-08	66.196	13.239	3.597E-09	40.700	8.140	8.359E-10	18.469	3.694	7.811E-11
99	61.305	12.261	2.857E-09	51.920	10.384	1.735E-09	131.501	26.300	2.820E-08	66.583	13.317	3.660E-09	112.295	22.459	1.756E-08	42.111	8.422	9.259E-10	22.561	4.512	1.424E-10
100	27.746	5.549	2.649E-10	317.685	63.537	3.975E-07	188.046	37.609	8.245E-08	175.471	35.094	6.699E-08	40.277	8.055	8.102E-10	62.007	12.401	2.956E-09	20.914	4.183	1.134E-10
101	29.277	5.855	3.111E-10	46.328	9.266	1.233E-09	134.932	26.986	3.046E-08	108.472	21.694	1.582E-08	59.174	11.835	2.569E-09	68.123	13.625	3.920E-09	17.366	3.473	6.494E-11
102	121.562	24.312	2.227E-08	148.158	29.632	4.032E-08	114.293	22.859	1.851E-08	100.668	20.134	1.265E-08	39.824	7.965	7.831E-10	73.180	14.636	4.859E-09	21.383	4.277	1.212E-10
103	62.188	12.438	2.982E-09	36.969	7.394	6.265E-10	121.339	24.268	2.215E-08	69.895	13.979	4.234E-09	8.189	1.638	6.810E-12	62.110	12.422	2.971E-09	23.524	4.705	1.614E-10
104	19.698	3.940	9.476E-11	36.846	7.369	6.202E-10	112.450	22.490	1.763E-08	172.626	34.525	6.378E-08	141.799	28.360	3.535E-08	41.741	8.348	9.017E-10	26.038	5.208	2.189E-10
105	87.169	17.434	8.212E-09	115.219	23.044	1.897E-08	34.790	6.958	5.221E-10	51.992	10.398	1.743E-09	48.707	9.741	1.433E-09	40.316	8.063	8.125E-10	25.268	5.054	2.000E-10
106	47.929	9.586	1.365E-09	162.367	32.473	5.307E-08	136.255	27.251	3.136E-08	30.902	6.180	3.659E-10	41.873	8.375	9.103E-10	57.365	11.473	2.341E-09	10.714	2.143	1.525E-11
107	64.831	12.966	3.379E-09	115.844	23.169	1.928E-08	65.993	13.199	3.564E-09	140.971	28.194	3.474E-08	42.395	8.479	9.448E-10	41.416	8.283	8.808E-10	23.992	4.798	1.712E-10
108	44.433	8.887	1.088E-09	111.971	22.394	1.741E-08	78.287	15.657	5.949E-09	132.840	26.568	2.907E-08	133.818	26.764	2.971E-08	46.528	9.306	1.249E-09	12.704	2.541	2.542E-11
109	37.113	7.423	6.338E-10	44.212	8.842	1.072E-09	97.822	19.564	1.161E-08	59.243	11.849	2.578E-09	143.272	28.654	3.646E-08	41.736	8.347	9.014E-10	21.716	4.343	1.270E-10
110	43.626	8.725	1.030E-09	77.431	15.486	5.756E-09	-74.108	0.000	0.000E+00	81.677	16.335	6.756E-09	91.765	18.353	9.581E-09	65.824	13.165	3.536E-09	19.823	3.965	9.658E-11
111	22.224	4.445	1.361E-10	68.968	13.794	4.068E-09	141.520	28.304	3.514E-08	48.972	9.794	1.456E-09	82.386	16.477	6.934E-09	29.159	5.832	3.074E-10	24.712	4.942	1.871E-10
112	84.755	16.951	7.549E-09	120.028	24.006	2.144E-08	119.975	23.995	2.141E-08	96.382	19.276	1.110E-08	60.188	12.038	2.703E-09	61.924	12.385	2.944E-09	18.437	3.687	7.771E-11
113	59.377	11.875	2.596E-09	125.728	25.146	2.464E-08	128.538	25.708	2.633E-08	142.334	28.467	3.575E-08	92.316	18.463	9.755E-09	105.172	21.034	1.442E-08	19.679	3.936	9.449E-11
114	107.906	21.581	1.558E-08	140.279	28.056	3.423E-08	44.999	9.000	1.130E-09	132.747	26.549	2.900E-08	142.285	28.457	3.572E-08	57.101	11.420	2.308E-09	24.048	4.810	1.724E-10
115	89.300	17.860	8.830E-09	36.361	7.272	5.961E-10	103.916	20.783	1.391E-08	57.607	11.521	2.370E-09	53.160	10.632	1.863E-09	37.045	7.409	6.303E-10	29.524	5.905	3.191E-10
116	90.214	18.043	9.104E-09	106.603	21.321	1.502E-08	88.987	17.797	8.737E-09	62.576	12.515	3.038E-09	31.211	6.242	3.770E-10	64.745	12.949	3.365E-09	27.650	5.530	2.621E-10
117	78.368	15.674	5.968E-09	35.448	7.090	5.523E-10	-34.457	0.000	0.000E+00	88.233	17.647	8.517E-09	48.509	9.702	1.415E-09	46.642	9.328	1.258E-09	18.546	3.709	7.909E-11
118	46.076	9.215	1.213E-09	26.330	5.266	2.263E-10	88.931	17.786	8.931E-09	146.765	29.353	3.920E-08	142.529	28.506	3.590E-08	41.749	8.350	9.023E-10	21.109	4.222	1.166E-10
119	29.487	5.897	3.179E-10	67.397	13.479	3.796E-09	8.844	1.769	8.576E-12	91.704	18.341	9.562E-09	58.536	11.707	2.487E-09	44.018	8.804	1.058E-09	21.563	4.313	1.243E-10
120	57.011	11.402	2.298E-09	61.383	12.277	2.868E-09	91.502	18.300	9.499E-09	132.376	26.475	2.876E-08	75.532	15.106	5.343E-09	56.744	11.349	2.265E-09	27.368	5.474	2.542E-10
121	98.012	19.602	1.167E-08	65.874	13.175	3.544E-09	44.471	8.894	1.091E-09	91.343	18.269	9.450E-09	58.447	11.689	2.476E-09	31.496	6.299	3.874E-10	20.694	4.139	1.099E-10
122	-51.826	0.000	0.000E+00	55.516	11.103	2.121E-09	43.883	8.777	1.048E-09	138.144	27.629	3.920E-08	105.033	21.007	1.437E-08	68.767	13.753	4.032E-09	12.888	2.578	2.654E-11
123	68.977	13.795	4.069E-09	-47.693	0.000	0.000E+00	55.373	11.075	2.105E-09	98.919	19.784	1.200E-08	114.581	22.916	1.865E-08	67.746	13.549	3.855E-09	28.792	5.758	2.959E-10
124	74.574	14.915	5.142E-09	76.798	15.360	5.616E-09	51.449	10.290	1.689E-09	93.279	18.656	1.006E-08	128.170	25.634	2.611E-08	32.506	6.501	4.259E-10	19.333	3.867	8.959E-11
125	108.02																				

Data: Flyover 1 - Span 9 (25.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
126	141.052	28.210	3.480E-08	54.944	10.989	2.057E-09	47.067	9.413	1.293E-09	47.875	9.575	1.361E-09	68.175	13.635	3.929E-09	44.330	8.866	1.080E-09	10.059	2.012	1.262E-11
127	20.942	4.188	1.139E-10	127.400	25.480	2.564E-08	134.835	26.967	3.039E-08	37.627	7.525	6.605E-10	38.787	7.757	7.235E-10	44.451	8.890	1.089E-09	10.467	2.093	1.422E-11
128	-38.484	0.000	0.000E+00	54.440	10.888	2.001E-09	114.969	22.994	1.884E-08	48.049	9.610	1.375E-09	37.256	7.451	6.412E-10	61.301	12.260	2.856E-09	27.723	5.545	2.642E-10
129	32.185	6.437	4.134E-10	141.312	28.262	3.499E-08	54.148	10.830	1.968E-09	66.067	13.213	3.576E-09	58.775	11.755	2.517E-09	9.659	1.932	1.118E-11	27.984	5.597	2.717E-10
130	117.360	23.472	2.004E-08	61.996	12.399	2.954E-09	36.418	7.284	5.989E-10	65.278	13.056	3.449E-09	70.320	14.064	4.311E-09	38.495	7.699	7.073E-10	21.005	4.201	1.149E-10
131	51.943	10.389	1.738E-09	48.583	9.717	1.422E-09	67.913	13.583	3.884E-09	63.970	12.794	3.246E-09	59.437	11.887	2.604E-09	38.564	7.713	7.111E-10	26.506	5.301	2.309E-10
132	57.685	11.537	2.380E-09	64.705	12.941	3.359E-09	46.197	9.239	1.222E-09	68.028	13.606	3.903E-09	41.710	8.342	8.997E-10	21.105	4.221	1.166E-10	28.479	5.696	2.864E-10
133	59.184	11.837	2.570E-09	42.842	8.568	9.750E-10	-7.135	0.000	0.000E+00	29.380	5.876	3.145E-10	63.158	12.632	3.124E-09	46.321	9.264	1.232E-09	26.832	5.366	2.395E-10
134	37.400	7.480	6.487E-10	101.930	20.386	1.313E-08	92.042	18.408	9.668E-09	107.198	21.440	1.527E-08	7.320	1.464	4.863E-12	41.638	8.328	8.951E-10	44.269	8.854	1.076E-09
135	24.566	4.913	1.838E-10	68.400	13.680	3.968E-09	30.587	6.117	3.548E-10	69.081	13.816	4.088E-09	86.001	17.200	7.887E-09	40.829	8.166	8.439E-10	12.150	2.430	2.224E-11
136	55.556	11.111	2.126E-09	47.246	9.449	1.308E-09	91.694	18.339	9.559E-09	68.711	13.742	4.022E-09	38.877	7.775	7.286E-10	7.888	1.578	6.086E-12	16.266	3.253	5.337E-11
137	141.885	28.377	3.542E-08	72.140	14.428	4.655E-09	183.612	36.722	7.675E-08	91.852	18.370	9.609E-09	68.034	13.607	3.904E-09	9.786	1.957	1.162E-11	31.131	6.226	3.741E-10
138	56.092	11.218	2.188E-09	93.380	18.676	1.010E-08	115.703	23.141	1.921E-08	77.954	15.591	5.874E-09	108.546	21.709	1.586E-08	65.337	13.067	3.458E-09	18.135	3.627	7.395E-11
139	57.691	11.538	2.381E-09	68.730	13.746	4.026E-09	106.970	21.394	1.518E-08	135.058	27.012	3.055E-08	62.685	12.537	3.054E-09	13.716	2.743	3.199E-11	19.777	3.955	9.591E-11
140	78.378	15.676	5.970E-09	61.028	12.206	2.818E-09	45.309	9.062	1.153E-09	69.707	13.941	4.200E-09	122.283	24.457	2.267E-08	35.951	7.190	5.761E-10	26.710	5.342	2.363E-10
141	-73.469	0.000	0.000E+00	120.700	24.140	2.180E-08	62.212	12.442	2.986E-09	127.088	25.418	4.545E-08	65.939	13.188	3.555E-09	9.247	1.849	9.803E-12	24.044	4.809	1.723E-10
142	59.519	11.904	2.614E-09	75.532	15.106	5.343E-09	119.798	23.960	2.132E-08	109.324	21.865	1.620E-08	112.401	22.480	1.761E-08	34.153	6.831	4.939E-10	27.294	5.459	2.521E-10
143	97.581	19.516	1.152E-08	84.049	16.810	7.362E-09	-116.502	0.000	0.000E+00	93.721	18.744	1.021E-08	68.760	13.752	4.031E-09	30.489	6.098	3.514E-10	15.125	3.025	4.290E-11
144	58.757	11.751	2.515E-09	133.748	26.750	2.967E-08	55.281	11.056	2.095E-09	102.477	20.495	1.334E-08	59.150	11.830	2.566E-09	48.576	9.715	1.421E-09	27.928	5.586	2.701E-10
145	14.147	2.829	3.511E-11	101.485	20.297	1.296E-08	51.777	10.355	1.721E-09	32.767	6.553	4.362E-10	117.382	23.476	2.005E-08	45.693	9.139	1.183E-09	15.335	3.067	4.472E-11
146	56.254	11.251	2.207E-09	100.358	20.072	1.253E-08	85.370	17.074	7.714E-09	53.554	10.711	1.904E-09	9.568	1.914	1.086E-11	32.254	6.451	4.160E-10	20.455	4.091	1.061E-10
147	32.497	6.499	4.255E-10	62.574	12.515	3.038E-09	90.594	18.119	9.219E-09	52.223	10.445	1.766E-09	55.048	11.010	2.068E-09	45.340	9.068	1.156E-09	17.840	3.568	7.040E-11
148	119.052	23.810	2.092E-08	126.768	25.354	2.526E-08	76.130	15.226	5.471E-09	86.139	17.228	7.925E-09	74.162	14.832	5.058E-09	30.757	6.151	3.608E-10	23.122	4.624	1.533E-10
149	65.978	13.196	3.561E-09	47.442	9.488	1.324E-09	90.608	18.122	9.223E-09	60.224	12.045	2.708E-09	8.606	1.721	7.903E-12	65.874	13.175	3.544E-09	13.047	2.609	2.754E-11
150	32.863	6.573	4.401E-10	57.277	11.455	2.330E-09	78.437	15.687	5.984E-09	96.813	19.363	1.125E-08	33.088	6.618	4.492E-10	30.768	6.154	3.611E-10	25.678	5.136	2.099E-10
151	116.035	23.207	1.937E-08	72.896	14.579	4.803E-09	69.459	13.892	4.155E-09	27.588	5.518	2.603E-10	43.155	8.631	9.965E-10	40.984	8.197	8.536E-10	15.032	3.006	4.211E-11
152	47.479	9.496	1.327E-09	35.276	7.055	5.443E-10	45.977	9.195	1.205E-09	40.110	8.022	8.001E-10	63.639	12.728	3.196E-09	33.201	6.640	4.538E-10	20.184	4.037	1.020E-10
153	81.765	16.353	6.778E-09	95.063	19.013	1.065E-08	59.972	11.994	2.674E-09	102.019	20.404	1.317E-08	39.649	7.930	7.728E-10	10.997	2.199	1.649E-11	11.793	2.359	2.033E-11
154	-124.097	0.000	0.000E+00	44.436	8.887	1.088E-09	114.247	22.849	1.849E-08	112.074	22.415	1.745E-08	90.424	18.085	9.167E-09	58.230	11.646	2.448E-09	14.556	2.911	3.824E-11
155	120.239	24.048	2.155E-08	34.524	6.905	5.102E-10	112.219	22.444	1.752E-08	88.486	17.697	8.590E-09	24.877	4.975	1.909E-10	10.135	2.027	1.291E-11	21.142	4.228	1.172E-10
156	54.533	10.907	2.011E-09	49.842	9.968	1.535E-09	42.765	8.553	9.697E-10	27.156	5.431	2.483E-10	45.098	9.020	1.137E-09	11.119	2.224	1.704E-11	22.069	4.414	1.333E-10
157	-107.766	0.000	0.000E+00	43.744	8.749	1.038E-09	45.235	9.047	1.148E-09	78.281	15.656	5.948E-09	109.780	21.956	1.640E-08	45.748	9.150	1.187E-09	20.590	4.118	1.082E-10
158	40.437	8.087	8.199E-10	89.916	17.983	9.014E-09	80.251	16.050	6.408E-09	62.918	12.584	3.088E-09	39.191	7.838	7.464E-10	22.927	4.585	1.494E-10	17.517	3.503	6.665E-11
159	23.199	4.640	1.548E-10	29.136	5.827	3.067E-10	68.878	13.776	4.052E-09	133.294	26.659	2.936E-08	113.386	22.677	1.807E-08	63.143	12.629	3.122E-09	27.667	5.533	2.626E-10
160	27.833	5.567	2.673E-10	28.266	5.653	2.800E-10	111.699	22.340	1.728E-08	84.645	16.929	7.520E-09	80.477	16.095	6.462E-09	10.601	2.120	1.477E-11	19.101	3.820	8.641E-11
161	123.931	24.786	2.360E-08	77.567	15.513	5.787E-09	114.466	22.893	1.860E-08	48.206	9.641	1.389E-09	56.867	11.373	2.280E-09	43.215	8.643	1.001E-09	25.888	5.178	2.151E-10
162	42.847	8.569	9.753E-10	118.218	23.644	2.049E-08	38.619	7.724	7.142E-10	152.028	30.406	4.357E-08	42.429	8.486	9.470E-10	6.736	1.347	3.790E-12	12.907	2.581	2.666E-11
163	79.301	15.860	6.183E-09	40.664	8.133	8.337E-10	48.465	9.693	1.411E-09	156.066	31.213	4.713E-08	76.605	15.321	5.574E-09	92.762	18.552	9.897E-09	25.589	5.118	2.078E-10
164	36.337	7.267	5.949E-10	86.185	17.237	7.938E-09	49.063	9.813	1.464E-09	136.827	27.365	3.176E-08	23.018	4.604	1.512E-10	48.050	9.610	1.376E-09	14.374	2.875	3.682E-11
165	27.680	5.536	2.630E-10	43.738	8.748	1.037E-09	49.783	9.957	1.530E-09	109.941	21.988	1.648E-08	59.074	11.815	2.556E-09	9.361	1.872	1.017E-11	22.840	4.568	1.477E-10
166	47.690	9.538	1.345E-09	114.414	22.883	1.857E-08	81.494	16.299	6.711E-09	30.199	6.040	3.415E-10	38.806	7.761	7.246E-10	26.802	5.360	2.387E-10	19.786	3.957	9.604E-11
167	63.220	12.644	3.133E-09	93.371	18.674	1.009E-08	47.681	9.536	1.344E-09	112.725	22.545	1.776E-08	107.771	21.554	1.552E-08	32.208	6.442	4.143E-10	29.679	5.936	3.241E-10
168	49.597	9.919	1.513E-09	65.428	13.086	3.473E-09	112.338	22.468	1.758E-08	61.170	12.234	2.838E-09	39.970	7.994	7.918E-10	6.420	1.284	3.280E-12	22.494	4.499	1.411E-10
169	88.708	17.742	8.655E-09	35.352	7.070	5.478E-10	56.235	11.247	2.205E-09	27.389	5.478	2.548E-10	40.688	8.138	8.352E-10	8.282	1.656	7.044E-12	11.560	2.312	1.915E-11
170	58.336	11.667	2.462E-09	69.094	13.819	4.090E-09	81.881	16.376													

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
171	44.382	8.876	1.084E-09	129.014	25.803	2.663E-08	16.330	3.266	5.400E-11	117.273	23.455	2.000E-08	42.242	8.448	9.346E-10	34.111	6.822	4.921E-10	105.629	21.126	1.461E-08
172	55.649	11.130	2.137E-09	29.052	5.810	3.040E-10	41.200	8.240	8.671E-10	60.307	12.061	2.720E-09	49.226	9.845	1.479E-09	8.447	1.689	7.473E-12	17.671	3.534	6.842E-11
173	90.233	18.047	9.109E-09	76.135	15.227	5.472E-09	56.821	11.364	2.275E-09	114.266	22.853	1.850E-08	54.768	10.954	2.037E-09	34.771	6.954	5.213E-10	21.779	4.356	1.281E-10
174	31.553	6.311	3.895E-10	13.262	2.652	2.892E-11	40.500	8.100	8.237E-10	39.922	7.984	7.889E-10	127.161	25.432	2.549E-08	50.227	10.045	1.571E-09	24.411	4.882	1.804E-10
175	40.135	8.027	8.016E-10	38.586	7.717	7.123E-10	63.088	12.618	3.113E-09	42.507	8.501	9.523E-10	61.043	12.209	2.820E-09	64.448	12.890	3.319E-09	21.688	4.338	1.265E-10
176	32.715	6.543	4.341E-10	40.523	8.105	8.251E-10	73.791	14.758	4.982E-09	30.283	6.057	3.443E-10	63.871	12.774	3.231E-09	49.056	9.811	1.464E-09	10.549	2.110	1.455E-11
177	87.872	17.574	8.413E-09	46.564	9.313	1.252E-09	50.681	10.136	1.614E-09	39.402	7.880	7.585E-10	11.129	2.226	1.709E-11	37.575	7.515	6.578E-10	24.823	4.965	1.896E-10
178	33.859	6.772	4.813E-10	62.373	12.475	3.009E-09	65.201	13.040	3.437E-09	87.134	17.427	8.203E-09	35.733	7.147	5.657E-10	42.086	8.417	9.243E-10	20.568	4.114	1.079E-10
179	36.657	7.331	6.108E-10	83.747	16.749	7.283E-09	37.953	7.591	6.779E-10	140.947	28.189	3.472E-08	9.407	1.881	1.032E-11	48.883	9.777	1.448E-09	30.611	6.122	3.557E-10
180	35.582	7.116	5.586E-10	103.244	20.649	1.365E-08	183.506	36.701	7.662E-08	86.614	17.323	8.057E-09	49.522	9.904	1.506E-09	37.100	7.420	6.332E-10	31.079	6.216	3.722E-10
181	47.993	9.599	1.371E-09	104.443	20.889	1.413E-08	66.515	13.303	3.649E-09	35.347	7.069	5.476E-10	70.206	14.041	4.291E-09	10.934	2.187	1.621E-11	23.947	4.789	1.703E-10
182	63.834	12.767	3.225E-09	54.585	10.917	2.017E-09	64.487	12.897	3.325E-09	9.420	1.884	1.036E-11	9.064	1.813	9.234E-12	8.549	1.710	7.748E-12	28.830	5.766	2.971E-10
183	21.809	4.362	1.286E-10	121.720	24.344	2.236E-08	44.099	8.820	1.063E-09	107.187	21.437	1.527E-08	56.137	11.227	2.193E-09	7.961	1.592	6.256E-12	26.821	5.364	2.392E-10
184	30.563	6.113	3.540E-10	108.234	21.647	1.572E-08	40.256	8.051	8.089E-10	52.404	10.481	1.784E-09	67.287	13.457	3.777E-09	14.711	2.942	3.948E-11	27.584	5.517	2.602E-10
185	35.640	7.128	5.613E-10	35.898	7.180	5.736E-10	35.881	7.176	5.728E-10	126.194	25.239	2.492E-08	30.484	6.097	3.513E-10	60.486	12.097	2.744E-09	10.790	2.158	1.558E-11
186				50.781	10.156	1.624E-09	139.598	27.920	3.373E-08	136.331	27.266	3.142E-08	51.841	10.368	1.727E-09	13.071	2.614	2.769E-11	27.090	5.418	2.465E-10
187				42.849	8.570	9.755E-10	40.524	8.105	8.251E-10	96.460	19.292	1.113E-08	95.111	19.022	1.067E-08	8.193	1.639	6.818E-12	26.430	5.286	2.289E-10
188				56.995	11.399	2.296E-09	29.554	5.911	3.201E-10	62.851	12.570	3.078E-09	28.316	5.663	2.815E-10	33.506	6.701	4.664E-10	16.592	3.318	5.663E-11
189				143.120	28.624	3.635E-08	44.017	8.803	1.057E-09	41.501	8.300	8.863E-10	95.801	19.160	1.090E-08	13.572	2.714	3.100E-11	25.090	5.018	1.958E-10
190				60.242	12.048	2.711E-09	33.342	6.668	4.596E-10	52.880	10.576	1.833E-09	9.550	1.910	1.080E-11	10.931	2.186	1.619E-11	26.098	5.220	2.204E-10
191				40.535	8.107	8.258E-10	26.056	5.211	2.193E-10	58.446	11.689	2.475E-09	45.376	9.075	1.158E-09	46.790	9.358	1.270E-09	24.899	4.980	1.914E-10
192				37.062	7.412	6.312E-10	39.016	7.803	7.364E-10	109.157	21.831	1.613E-08	54.179	10.836	1.972E-09	12.217	2.443	2.261E-11	21.194	4.239	1.180E-10
193				49.689	9.938	1.521E-09	9.068	1.814	9.245E-12	174.717	34.943	6.613E-08	50.316	10.063	1.579E-09	39.325	7.865	7.541E-10	27.263	5.453	2.512E-10
194				68.292	13.658	3.949E-09	8.937	1.787	8.851E-12	43.944	8.789	1.052E-09	7.529	1.506	5.291E-12	9.087	1.817	9.305E-12	19.784	3.957	9.601E-11
195				18.966	3.793	8.459E-11	40.893	8.179	8.479E-10	52.809	10.562	1.826E-09	37.046	7.409	6.304E-10	89.529	17.906	8.898E-09	18.920	3.784	8.397E-11
196				65.783	13.157	3.530E-09	77.209	15.442	5.707E-09	60.159	12.032	2.700E-09	47.413	9.483	1.322E-09	41.499	8.300	8.862E-10	15.971	3.194	5.051E-11
197				48.066	9.613	1.377E-09	8.813	1.763	8.488E-12	130.006	26.001	2.724E-08	110.509	22.102	1.673E-08	23.457	4.691	1.600E-10	23.102	4.620	1.529E-10
198				35.192	7.038	5.404E-10	8.667	1.733	8.072E-12	36.654	7.331	6.106E-10	62.034	12.407	2.960E-09	44.813	8.963	1.116E-09	11.463	2.293	1.867E-11
199				44.117	8.823	1.065E-09	8.054	1.611	6.477E-12	47.293	9.459	1.312E-09	136.267	27.253	3.137E-08	8.082	1.616	6.547E-12	17.957	3.591	7.179E-11
200				10.893	2.179	1.603E-11	65.909	13.182	3.550E-09	67.776	13.555	3.860E-09	66.225	13.245	3.601E-09	84.942	16.988	7.599E-09	69.314	13.863	4.129E-09
201				45.120	9.024	1.139E-09	8.961	1.792	8.923E-12	66.574	13.315	3.658E-09	60.571	12.114	2.755E-09	28.133	5.627	2.761E-10	23.251	4.650	1.559E-10
202				50.460	10.092	1.593E-09	45.886	9.177	1.198E-09	38.012	7.602	6.810E-10	63.243	12.649	3.136E-09	46.303	9.261	1.231E-09	32.313	6.463	4.183E-10
203				42.575	8.515	9.568E-10	47.321	9.464	1.314E-09	51.747	10.349	1.718E-09	40.749	8.150	8.390E-10	99.482	19.896	1.221E-08	18.116	3.623	7.371E-11
204				44.172	8.834	1.069E-09	23.656	4.731	1.641E-10	53.667	10.733	1.916E-09	65.248	13.050	3.444E-09	108.126	21.625	1.567E-08	21.968	4.394	1.314E-10
205				12.032	2.406	2.160E-11	61.333	12.267	2.861E-09	59.829	11.966	2.655E-09	37.717	7.543	6.653E-10	31.610	6.322	3.916E-10	31.584	6.317	3.906E-10
206				45.420	9.084	1.162E-09	72.001	14.400	4.628E-09	9.477	1.895	1.055E-11	9.709	1.942	1.135E-11	44.774	8.955	1.113E-09	19.350	3.870	8.983E-11
207				49.373	9.875	1.492E-09	7.976	1.595	6.291E-12	11.509	2.302	1.890E-11	54.898	10.980	2.051E-09	35.765	7.153	5.672E-10	28.607	5.721	2.903E-10
208				43.810	8.762	1.043E-09	45.359	9.072	1.157E-09	46.558	9.312	1.251E-09	44.191	8.838	1.070E-09	41.699	8.340	8.990E-10	19.780	3.956	9.955E-11
209				38.445	7.689	7.046E-10	59.315	11.863	2.588E-09	43.216	8.643	1.001E-09	42.486	8.497	9.509E-10	45.691	9.138	1.183E-09	25.326	5.065	2.014E-10
210				67.109	13.422	3.747E-09	37.818	7.564	6.707E-10	35.285	7.057	5.447E-10	35.046	7.009	5.337E-10	8.997	1.799	9.028E-12	48.202	9.640	1.389E-09
211				61.266	12.253	2.851E-09	48.499	9.700	1.414E-09	45.033	9.007	1.132E-09	45.647	9.129	1.179E-09	37.487	7.497	6.532E-10	24.876	4.975	1.909E-10
212				47.506	9.501	1.329E-09	61.922	12.384	2.944E-09	45.921	9.184	1.201E-09	36.538	7.308	6.048E-10	48.749	9.750	1.436E-09	21.551	4.310	1.241E-10
213				31.727	6.345	3.960E-10	48.685	9.737	1.431E-09	11.244	2.249	1.763E-11									

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			
216			61.647	12.329	2.905E-09	63.296	12.659	3.144E-09	32.025	6.405	4.072E-10	101.327	20.265	1.290E-08	36.850	7.370	6.204E-10	15.911	3.182	4.995E-11	
217			62.932	12.586	3.090E-09	7.006	1.401	4.265E-12	71.279	14.256	4.490E-09	44.906	8.981	1.123E-09	105.906	21.181	1.473E-08	19.256	3.851	8.853E-11	
218			44.918	8.984	1.124E-09	44.257	8.851	1.075E-09	23.894	4.779	1.692E-10	41.707	8.341	8.995E-10	27.265	5.453	2.513E-10	24.898	4.980	1.914E-10	
219			50.013	10.003	1.551E-09	45.604	9.121	1.176E-09	64.469	12.894	3.322E-09	13.783	2.757	3.247E-11	-52.964	0.000	0.000E+00	10.512	2.102	1.440E-11	
220			11.640	2.328	1.956E-11	43.841	8.768	1.045E-09	41.030	8.206	8.565E-10	10.854	2.171	1.585E-11	46.313	9.263	1.232E-09	18.195	3.639	7.469E-11	
221			10.489	2.098	1.431E-11	9.391	1.878	1.027E-11	11.097	2.219	1.694E-11	9.941	1.988	1.218E-11	89.940	17.988	9.021E-09	13.813	2.763	3.268E-11	
222			47.851	9.570	1.359E-09	48.973	9.795	1.456E-09	44.895	8.979	1.122E-09	47.345	9.469	1.316E-09	10.677	2.135	1.509E-11	19.222	3.844	8.806E-11	
223			63.607	12.721	3.191E-09	61.762	12.352	2.921E-09	50.190	10.038	1.568E-09	64.260	12.852	3.290E-09	12.095	2.419	2.194E-11	32.013	6.403	4.068E-10	
224			48.539	9.708	1.418E-09	29.855	5.971	3.299E-10	36.066	7.213	5.817E-10	53.424	10.685	1.891E-09	7.532	1.506	5.297E-12	15.093	3.019	4.263E-11	
225			11.490	2.298	1.881E-11	40.555	8.111	8.270E-10	66.266	13.253	3.608E-09	45.934	9.187	1.202E-09	40.215	8.043	8.064E-10	12.697	2.539	2.538E-11	
226			55.001	11.000	2.063E-09	-70.646	0.000	0.000E+00	47.436	9.487	1.323E-09	8.119	1.624	6.637E-12	52.149	10.430	1.758E-09	12.841	2.568	2.625E-11	
227			50.010	10.002	1.551E-09	40.833	8.167	8.441E-10	8.831	1.766	8.539E-12	9.143	1.829	9.476E-12	13.570	2.714	3.098E-11	19.688	3.938	9.462E-11	
228			65.367	13.073	3.463E-09	43.263	8.653	1.004E-09	9.617	1.923	1.103E-11	37.394	7.479	6.483E-10	92.328	18.466	9.759E-09	21.949	4.390	1.311E-10	
229			14.967	2.993	4.157E-11	25.415	5.083	2.036E-10	45.335	9.067	1.155E-09	60.100	12.020	2.692E-09	54.519	10.904	2.009E-09	25.365	5.073	2.023E-10	
230			63.264	12.653	3.140E-09	71.923	14.385	4.613E-09	51.147	10.229	1.659E-09	9.388	1.878	1.026E-11	82.406	16.481	6.939E-09	13.796	2.759	3.255E-11	
231			50.159	10.032	1.565E-09	43.770	8.754	1.040E-09	45.869	9.174	1.197E-09	9.551	1.910	1.080E-11	56.581	11.316	2.246E-09	22.531	4.506	1.418E-10	
232			13.068	2.614	2.767E-11	34.399	6.880	5.047E-10	10.997	2.199	1.649E-11	55.969	11.194	2.174E-09	88.830	17.766	8.691E-09	24.603	4.921	1.847E-10	
233			52.446	10.489	1.789E-09	10.846	2.169	1.582E-11	9.285	1.857	9.925E-12	8.904	1.781	8.754E-12	35.648	7.130	5.617E-10	40.408	8.082	8.180E-10	
234			59.596	11.919	2.624E-09	7.678	1.536	5.613E-12	9.427	1.885	1.039E-11	8.165	1.633	6.750E-12	105.575	21.115	1.459E-08	27.200	5.440	2.495E-10	
235			10.740	2.148	1.536E-11	50.676	10.135	1.614E-09	53.910	10.782	1.943E-09	52.409	10.482	1.785E-09	12.096	2.419	2.195E-11	32.029	6.406	4.074E-10	
236			23.157	4.631	1.540E-10	47.567	9.513	1.334E-09	11.646	2.329	1.959E-11	43.684	8.737	1.034E-09	87.077	17.415	8.186E-09	22.289	4.458	1.373E-10	
237			61.821	12.364	2.930E-09	48.662	9.732	1.429E-09	46.056	9.211	1.211E-09	58.588	11.718	2.494E-09	33.796	6.759	4.786E-10	24.215	4.843	1.761E-10	
238			45.115	9.023	1.139E-09	32.308	6.462	4.181E-10	34.919	6.984	5.279E-10	39.556	7.911	7.674E-10	84.027	16.805	7.356E-09	51.677	10.335	1.711E-09	
239			70.201	14.040	4.290E-09	22.402	4.480	1.394E-10	9.903	1.981	1.204E-11	44.714	8.943	1.108E-09	7.971	1.594	6.279E-12	18.247	3.649	7.533E-11	
240			27.801	5.560	2.664E-10	50.290	10.058	1.577E-09	62.083	12.417	2.967E-09	38.031	7.606	6.820E-10	52.756	10.551	1.821E-09	26.566	5.313	2.325E-10	
241			48.682	9.736	1.431E-09	11.402	2.280	1.838E-11	38.523	7.705	7.088E-10	8.457	1.691	7.499E-12	7.490	1.498	5.210E-12	20.847	4.169	1.123E-10	
242			51.471	10.294	1.691E-09	9.978	1.996	1.232E-11	8.618	1.724	7.936E-12	7.566	1.513	5.371E-12	8.837	1.767	8.558E-12	10.377	2.075	1.386E-11	
243			10.281	2.056	1.347E-11	8.672	1.734	8.087E-12	34.715	6.943	5.187E-10	9.048	1.810	9.183E-12	56.297	11.259	2.212E-09	24.529	4.906	1.830E-10	
244			34.053	6.811	4.896E-10	14.361	2.872	3.672E-11	53.834	10.767	1.934E-09	8.468	1.694	7.530E-12	26.270	5.254	2.248E-10	67.609	13.522	3.832E-09	
245			32.579	6.516	4.288E-10	10.446	2.089	1.413E-11	48.110	9.622	1.381E-09	44.413	8.883	1.086E-09	40.185	8.037	8.046E-10	28.128	5.626	2.759E-10	
246			52.714	10.543	1.816E-09	12.338	2.468	2.329E-11	7.628	1.526	5.503E-12	17.629	3.526	6.794E-11	61.505	12.301	2.885E-09	29.876	5.975	3.306E-10	
247			59.222	11.844	2.575E-09	9.025	1.805	9.115E-12	47.710	9.542	1.347E-09	40.903	8.181	8.485E-10	45.105	9.021	1.138E-09	25.559	5.112	2.070E-10	
248			51.786	10.357	1.722E-09	11.068	2.214	1.681E-11	9.719	1.944	1.138E-11	58.154	11.631	2.439E-09	54.435	10.887	2.000E-09	19.863	3.973	9.717E-11	
249			12.089	2.418	2.191E-11	8.843	1.769	8.573E-12	9.365	1.873	1.018E-11	7.380	1.476	4.983E-12	67.760	13.552	3.858E-09	26.062	5.212	2.195E-10	
250			61.886	12.377	2.939E-09	49.130	9.826	1.470E-09	10.421	2.084	1.403E-11	44.406	8.881	1.086E-09	44.839	8.968	1.118E-09	29.766	5.953	3.270E-10	
251			32.464	6.493	4.242E-10	48.361	9.672	1.402E-09	48.696	9.739	1.432E-09	36.800	7.360	6.179E-10	10.237	2.047	1.330E-11	28.958	5.792	3.011E-10	
252			53.815	10.763	1.932E-09	44.698	8.940	1.107E-09	8.325	1.665	7.153E-12	11.324	2.265	1.800E-11	115.957	23.191	1.933E-08	25.085	5.017	1.957E-10	
253			10.679	2.136	1.510E-11	11.060	2.212	1.678E-11	49.434	9.887	1.498E-09	46.455	9.291	1.243E-09	50.032	10.006	1.553E-09	24.169	4.834	1.751E-10	
254			11.129	2.226	1.709E-11	27.359	5.472	2.539E-10	9.644	1.929	1.112E-11	34.801	6.960	5.226E-10	10.997	2.199	1.649E-11	32.507	6.501	4.259E-10	
255			52.882	10.576	1.834E-09	18.084	3.617	7.333E-11	7.188	1.438	4.604E-12	9.095	1.819	9.329E-12	10.910	2.182	1.610E-11	30.478	6.096	3.510E-10	
256			47.876	9.575	1.361E-09	11.892	2.378	2.085E-11	32.222	6.444	4.148E-10	47.456	9.491	1.325E-09	61.752	12.350	2.920E-09	25.213	5.043	1.987E-10	
257			11.266	2.253	1.773E-11	45.739	9.148	1.186E-09	58.330	11.666	2.461E-09	11.358	2.272	1.817E-11	38.329	7.666	6.982E-10	20.596	4.119	1.083E-10	
258			27.674	5.535	2.628E-10	9.338	1.868	1.010E-11	49.723	9.945	1.524E-09	43.768	8.754	1.040E-09	47.406	9.481	1.321E-09	18.922	3.784	8.400E-11	
259			10.831	2.166	1.575E-11	52.958	10.592	1.842E-09	12.005	2.401	2.145E-11	11.927	2.385	2.104E-11	20.998	4.200	1.148E-10	25.576	5.115	2.074E-10	
260			24.746	4.949	1.879E-10	7.913	1.583	6.145E-12	7.707	1.541	5.676E-12	45.725	9.145	1.185E-09	99.903	19.981	1.236E-08	33.431	6.686	4.633E-10	

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1	Day 2			Day 3			Day 4			Day 5			Day 6			Day 7				
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
261			10.360	2.072	1.379E-11	9.729	1.946	1.142E-11	45.222	9.044	1.147E-09	8.013	1.603	6.379E-12	34.361	6.872	5.030E-10	24.242	4.848	1.766E-10
262			15.030	3.006	4.210E-11	47.832	9.566	1.357E-09	10.669	2.134	1.506E-11	41.468	8.294	8.841E-10	44.545	8.909	1.096E-09	22.786	4.557	1.467E-10
263			22.767	4.553	1.463E-10	49.021	9.804	1.461E-09	53.496	10.699	1.898E-09	38.323	7.665	6.979E-10	11.579	2.316	1.925E-11	27.103	5.421	2.469E-10
264			42.570	8.514	9.565E-10	9.902	1.980	1.204E-11	40.760	8.152	8.397E-10	31.401	6.280	3.839E-10	48.617	9.723	1.425E-09	18.743	3.749	8.165E-11
265			51.195	10.239	1.664E-09	15.064	3.013	4.238E-11	8.896	1.779	8.730E-12	31.378	6.276	3.831E-10	38.514	7.703	7.083E-10	25.024	5.005	1.943E-10
266			13.995	2.799	3.399E-11	18.551	3.710	7.916E-11	51.122	10.224	1.657E-09	46.375	9.275	1.237E-09	33.664	6.733	4.730E-10	35.045	7.009	5.337E-10
267			45.155	9.031	1.142E-09	42.916	8.583	9.801E-10	8.847	1.769	8.586E-12	54.939	10.988	2.056E-09	12.146	2.429	2.222E-11	27.322	5.464	2.529E-10
268			43.642	8.728	1.031E-09	9.164	1.833	9.542E-12	11.352	2.270	1.814E-11	36.731	7.346	6.144E-10	33.496	6.699	4.660E-10	26.687	5.337	2.357E-10
269			10.924	2.185	1.616E-11	8.961	1.792	8.922E-12	10.061	2.012	1.263E-11	46.248	9.250	1.226E-09	40.027	8.005	7.952E-10	19.967	3.993	9.870E-11
270			10.913	2.183	1.611E-11	47.751	9.550	1.350E-09	47.031	9.406	1.290E-09	44.523	8.905	1.094E-09	84.124	16.825	7.382E-09	20.251	4.050	1.030E-10
271			11.794	2.359	2.034E-11	6.474	1.295	3.365E-12	11.419	2.284	1.846E-11	48.399	9.680	1.406E-09	9.126	1.825	9.425E-12	32.280	6.456	4.171E-10
272			12.265	2.453	2.288E-11	11.202	2.240	1.743E-11	7.938	1.588	6.203E-12	30.362	6.072	3.470E-10	103.089	20.618	1.358E-08	30.399	6.080	3.483E-10
273			12.248	2.450	2.278E-11	7.711	1.542	5.684E-12	43.960	8.792	1.053E-09	33.131	6.626	4.509E-10	50.263	10.053	1.574E-09	27.174	5.435	2.488E-10
274			11.225	2.245	1.754E-11	54.325	10.865	1.988E-09	20.981	4.196	1.145E-10	26.485	5.297	2.304E-10	45.176	9.035	1.143E-09	29.959	5.992	3.334E-10
275			13.053	2.611	2.757E-11	13.654	2.731	3.156E-11	61.752	12.350	2.920E-09	45.905	9.181	1.199E-09	58.525	11.705	2.485E-09	20.140	4.028	1.013E-10
276			44.325	8.865	1.080E-09	12.654	2.531	2.512E-11	10.570	2.114	1.464E-11	47.517	9.503	1.330E-09	98.440	19.688	1.183E-08	19.409	3.882	9.066E-11
277			14.657	2.931	3.904E-11	10.939	2.188	1.623E-11	27.435	5.487	2.560E-10	15.961	3.192	5.041E-11	44.632	8.926	1.102E-09	-13.823	0.000	0.000E+00
278			15.812	3.162	4.901E-11	47.990	9.598	1.370E-09	36.962	7.392	6.261E-10	86.938	17.388	8.147E-09	85.401	17.080	7.723E-09	20.838	4.168	1.122E-10
279			51.327	10.265	1.677E-09	48.385	9.677	1.404E-09	15.300	3.060	4.441E-11	85.393	17.079	7.721E-09	7.994	1.599	6.335E-12	32.796	6.559	4.374E-10
280			28.447	5.689	2.854E-10	11.240	2.248	1.761E-11	43.071	8.614	9.907E-10	11.897	2.379	2.088E-11	11.642	2.328	1.956E-11	23.984	4.797	1.711E-10
281			38.101	7.620	6.858E-10	45.809	9.162	1.192E-09	10.125	2.025	1.287E-11	88.140	17.628	8.490E-09	43.955	8.791	1.053E-09	21.937	4.387	1.309E-10
282			51.576	10.315	1.701E-09	44.467	8.893	1.090E-09	44.511	8.902	1.093E-09	56.720	11.344	2.263E-09	58.659	11.732	2.503E-09	28.806	5.761	2.964E-10
283			28.076	5.615	2.744E-10	9.052	1.810	9.195E-12	13.168	2.634	2.831E-11	49.158	9.832	1.473E-09	48.266	9.653	1.394E-09	24.616	4.923	1.850E-10
284			18.937	3.787	8.420E-11	29.332	5.866	3.129E-10	50.711	10.142	1.617E-09	86.820	17.364	8.114E-09	61.277	12.255	2.853E-09	25.095	5.019	1.960E-10
285			45.395	9.079	1.160E-09	9.751	1.950	1.150E-11	15.465	3.093	4.586E-11	9.767	1.953	1.155E-11	12.173	2.435	2.237E-11	29.800	5.960	3.281E-10
286			46.177	9.235	1.221E-09	12.000	2.400	2.142E-11	17.000	3.400	6.092E-11	44.515	8.903	1.094E-09	65.077	13.015	3.417E-09	26.230	5.246	2.238E-10
287			10.290	2.058	1.351E-11	14.601	2.920	3.860E-11	10.142	2.028	1.294E-11	58.284	11.657	2.455E-09	46.186	9.237	1.222E-09	26.957	5.391	2.429E-10
288			59.869	11.974	2.661E-09	10.188	2.038	1.311E-11	10.559	2.112	1.460E-11	83.892	16.778	7.321E-09	9.537	1.907	1.076E-11	23.311	4.662	1.571E-10
289			50.971	10.194	1.642E-09	48.417	9.683	1.407E-09	9.064	1.813	9.233E-12	44.402	8.880	1.085E-09	46.960	9.392	1.284E-09	24.060	4.812	1.727E-10
290			10.550	2.110	1.456E-11	19.633	3.927	9.384E-11	43.814	8.763	1.043E-09	22.726	4.545	1.455E-10	25.020	5.004	1.942E-10	10.177	2.035	1.307E-11
291			92.053	18.411	9.672E-09	-74.774	0.000	0.000E+00	27.564	5.513	2.597E-10	42.610	8.522	9.593E-10	10.506	2.101	1.438E-11	21.400	4.280	1.215E-10
292			86.106	17.221	7.916E-09	48.569	9.714	1.421E-09	9.856	1.971	1.187E-11	20.352	4.070	1.045E-10	103.838	20.768	1.388E-08	26.066	5.213	2.196E-10
293			34.028	6.806	4.885E-10	35.629	7.126	5.608E-10	8.085	1.617	6.554E-12	20.221	4.044	1.025E-10	43.389	8.678	1.013E-09	30.343	6.069	3.464E-10
294			45.239	9.048	1.148E-09	16.447	3.289	5.516E-11	49.968	9.994	1.547E-09	84.468	16.894	7.473E-09	9.230	1.846	9.751E-12	10.540	2.108	1.452E-11
295			102.293	20.459	1.327E-08	9.413	1.883	1.034E-11	8.911	1.782	8.773E-12	14.669	2.934	3.914E-11	93.894	18.779	1.026E-08	31.018	6.204	3.700E-10
296			16.719	3.344	5.794E-11	10.684	2.137	1.512E-11	8.018	1.604	6.392E-12	23.417	4.683	1.592E-10	10.188	2.038	1.311E-11	25.743	5.149	2.115E-10
297			46.850	9.370	1.275E-09	9.582	1.916	1.091E-11	45.011	9.002	1.131E-09	45.306	9.061	1.153E-09	47.699	9.540	1.346E-09	10.821	2.164	1.571E-11
298			11.433	2.287	1.853E-11	49.436	9.887	1.498E-09	29.346	5.869	3.134E-10	9.284	1.857	9.922E-12	9.091	1.818	9.316E-12	33.146	6.629	4.515E-10
299			47.731	9.546	1.348E-09	12.559	2.512	2.456E-11	51.109	10.222	1.655E-09	90.517	18.103	9.195E-09	47.469	9.494	1.326E-09	33.659	6.732	4.728E-10
300			22.954	4.591	1.499E-10	46.803	9.361	1.271E-09	13.281	2.656	2.904E-11	44.024	8.805	1.058E-09	9.679	1.936	1.124E-11	25.497	5.099	2.055E-10
301			10.294	2.059	1.352E-11	88.898	17.780	8.711E-09	42.984	8.597	9.847E-10	67.259	13.452	3.773E-09	9.277	1.855	9.899E-12	37.042	7.408	6.302E-10
302			85.452	17.090	7.737E-09	87.912	17.582	8.424E-09	10.917	2.183	1.613E-11	56.983	11.397	2.294E-09	9.770	1.954	1.156E-11	26.206	5.241	2.232E-10
303			12.228	2.446	2.267E-11	9.625	1.925	1.106E-11	9.564	1.913	1.085E-11	111.844	22.369	1.735E-08	46.300	9.260	1.231E-09	28.824	5.765	2.969E-10
304			13.102	2.620	2.789E-11	11.838	2.368	2.057E-11	42.841	8.568	9.749E-10	63.056	12.611	3.109E-09	99.134	19.827	1.208E-08	35.261	7.052	5.436E-10
305			19.033	3.807	8.549E-11	44.490	8.898	1.092E-09	49.541	9.908	1.508E-09	10.394	2.079	1.392E-11	48.123	9.625	1.382E-09	31.041	6.208	3.709E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			
306			95.723	19.145	1.088E-08	11.799	2.360	2.037E-11	47.555	9.511	1.333E-09	90.354	18.071	9.146E-09	44.727	8.945	1.109E-09	26.682	5.336	2.355E-10	
307			30.935	6.187	3.671E-10	92.674	18.535	9.869E-09	49.169	9.834	1.474E-09	11.792	2.358	2.033E-11	66.085	13.217	3.578E-09	10.721	2.144	1.528E-11	
308			45.580	9.116	1.174E-09	44.729	8.946	1.110E-09	25.615	5.123	2.084E-10	121.922	24.384	2.247E-08	45.077	9.015	1.136E-09	10.414	2.083	1.400E-11	
309			11.130	2.226	1.710E-11	8.694	1.739	8.147E-12	42.908	8.582	9.795E-10	-25.200	0.000	0.000E+00	86.409	17.282	8.000E-09	29.718	5.944	3.254E-10	
310			95.071	19.014	1.065E-08	48.024	9.605	1.373E-09	9.705	1.941	1.133E-11	36.935	7.387	6.247E-10	40.352	8.070	8.147E-10	21.835	4.367	1.291E-10	
311			34.348	6.870	5.025E-10	61.457	12.291	2.878E-09	9.549	1.910	1.079E-11	11.265	2.253	1.773E-11	11.236	2.247	1.759E-11	10.659	2.132	1.501E-11	
312			98.486	19.697	1.184E-08	42.067	8.413	9.231E-10	7.049	1.410	4.343E-12	79.108	15.822	6.138E-09	69.148	13.830	4.099E-09	22.099	4.420	1.338E-10	
313			88.706	17.741	8.655E-09	90.486	18.097	9.186E-09	86.458	17.292	8.013E-09	10.192	2.038	1.313E-11	59.795	11.959	2.651E-09	12.956	2.591	2.697E-11	
314			23.735	4.747	1.658E-10	95.940	19.188	1.095E-08	45.925	9.185	1.201E-09	46.747	9.349	1.267E-09	12.600	2.520	2.480E-11	15.668	3.134	4.769E-11	
315			15.389	3.078	4.519E-11	106.709	21.342	1.507E-08	48.897	9.779	1.450E-09	10.859	2.172	1.588E-11	8.357	1.671	7.235E-12	13.603	2.721	3.121E-11	
316			11.777	2.355	2.025E-11	28.828	5.766	2.970E-10	8.640	1.728	7.997E-12	10.576	2.115	1.467E-11	46.786	9.357	1.270E-09	24.686	4.937	1.865E-10	
317			41.040	8.208	8.571E-10	43.915	8.783	1.050E-09	9.029	1.806	9.126E-12	13.572	2.714	3.100E-11	59.184	11.837	2.570E-09	10.211	2.042	1.320E-11	
318			10.419	2.084	1.402E-11	7.170	1.434	4.571E-12	11.345	2.269	1.811E-11	113.209	22.642	1.799E-08	50.743	10.149	1.620E-09	26.438	5.288	2.291E-10	
319			16.040	3.208	5.117E-11	10.067	2.013	1.265E-11	42.162	8.432	9.293E-10	91.334	18.267	9.447E-09	94.875	18.975	1.059E-08	24.522	4.904	1.828E-10	
320			41.439	8.288	8.823E-10	11.223	2.245	1.753E-11	42.795	8.559	9.718E-10	44.609	8.922	1.101E-09	80.707	16.141	6.518E-09	32.652	6.530	4.316E-10	
321			11.541	2.308	1.906E-11	26.478	5.296	2.302E-10	7.314	1.463	4.852E-12	9.246	1.849	9.800E-12	44.346	8.869	1.081E-09	27.334	5.467	2.532E-10	
322			36.372	7.274	5.966E-10	58.763	11.753	2.516E-09	48.763	9.753	1.438E-09	135.318	27.064	3.072E-08	65.100	13.020	3.421E-09	13.669	2.734	3.166E-11	
323			11.673	2.335	1.972E-11	44.315	8.863	1.079E-09	10.697	2.139	1.518E-11	46.452	9.290	1.243E-09	88.213	17.643	8.511E-09	25.661	5.132	2.095E-10	
324			31.293	6.259	3.800E-10	44.280	8.856	1.076E-09	45.334	9.067	1.155E-09	68.419	13.684	3.971E-09	94.255	18.851	1.038E-08	26.190	5.238	2.227E-10	
325			44.786	8.957	1.114E-09	25.575	5.115	2.074E-10	84.784	16.957	7.557E-09	81.149	16.230	6.626E-09	32.295	6.459	4.177E-10	12.012	2.402	2.149E-11	
326			100.968	20.194	1.276E-08	13.044	2.609	2.752E-11	48.153	9.631	1.384E-09	81.746	16.349	6.773E-09	7.275	1.455	4.774E-12	28.289	5.658	2.807E-10	
327			66.700	13.340	3.679E-09	39.374	7.875	7.569E-10	12.838	2.568	2.623E-11	91.637	18.327	9.541E-09	71.643	14.329	4.559E-09	25.593	5.119	2.078E-10	
328			51.579	10.316	1.701E-09	27.437	5.487	2.561E-10	11.247	2.249	1.764E-11	41.957	8.391	9.158E-10	50.896	10.179	1.635E-09	26.352	5.270	2.269E-10	
329			-4.603	0.000	0.000E+00	11.743	2.349	2.008E-11	16.686	3.337	5.761E-11	12.172	2.434	2.236E-11	11.447	2.289	1.860E-11	34.343	6.869	5.022E-10	
330			52.888	10.578	1.834E-09	47.077	9.415	1.294E-09	86.993	17.399	8.163E-09	41.086	8.217	8.599E-10	12.135	2.427	2.216E-11	33.165	6.633	4.523E-10	
331			9.808	1.962	1.170E-11	14.921	2.984	4.119E-11	47.211	9.442	1.305E-09	24.530	4.906	1.830E-10	82.788	16.558	7.036E-09	19.483	3.897	9.169E-11	
332			13.602	2.720	3.120E-11	10.158	2.032	1.300E-11	46.231	9.246	1.225E-09	39.315	7.863	7.535E-10	93.444	18.689	1.012E-08	29.941	5.988	3.328E-10	
333			10.582	2.116	1.469E-11	42.154	8.431	9.288E-10	32.031	6.406	4.075E-10	55.877	11.175	2.163E-09	80.397	16.079	6.443E-09	12.292	2.458	2.303E-11	
334			46.484	9.297	1.245E-09	7.023	1.405	4.295E-12	11.882	2.376	2.080E-11	83.861	16.772	7.313E-09	40.520	8.104	8.249E-10	10.359	2.072	1.378E-11	
335			8.312	1.662	7.119E-12	6.238	1.248	3.010E-12	6.089	1.218	2.799E-12	9.235	1.847	9.765E-12	55.176	11.035	2.083E-09	23.779	4.756	1.667E-10	
336			-9.708	0.000	0.000E+00	44.019	8.804	1.058E-09	8.420	1.684	7.401E-12	43.902	8.780	1.049E-09	45.766	9.153	1.189E-09	31.823	6.365	3.996E-10	
337			7.361	1.472	4.946E-12	82.717	16.543	7.017E-09	87.301	17.460	8.250E-09	8.869	1.774	8.651E-12	51.574	10.315	1.701E-09	30.776	6.155	3.614E-10	
338			6.485	1.297	3.382E-12	11.354	2.271	1.815E-11	49.687	9.937	1.521E-09	59.888	11.978	2.663E-09	43.504	8.701	1.021E-09	30.517	6.103	3.524E-10	
339			12.080	2.416	2.186E-11	12.337	2.467	2.328E-11	9.247	1.849	9.804E-12	61.381	12.276	2.867E-09	58.804	11.761	2.521E-09	28.354	5.671	2.826E-10	
340			20.272	4.054	1.033E-10	44.540	8.908	1.096E-09	44.208	8.842	1.071E-09	27.936	5.587	2.703E-10	79.541	15.908	6.240E-09	30.549	6.110	3.535E-10	
341			10.145	2.029	1.294E-11	46.854	9.371	1.275E-09	13.494	2.699	3.047E-11	102.864	20.573	1.350E-08	11.488	2.298	1.880E-11	21.737	4.347	1.273E-10	
342			16.309	3.262	5.379E-11	11.373	2.275	1.824E-11	8.688	1.738	8.132E-12	49.437	9.887	1.498E-09	50.463	10.093	1.593E-09	23.596	4.719	1.629E-10	
343			44.942	8.988	1.126E-09	12.663	2.533	2.518E-11	24.572	4.914	1.839E-10	33.870	6.774	4.818E-10	154.074	30.815	4.535E-08	23.477	4.695	1.604E-10	
344			9.592	1.918	1.094E-11	11.177	2.235	1.731E-11	19.439	3.888	9.108E-11	99.792	19.958	1.232E-08	9.735	1.947	1.144E-11	81.257	16.251	6.652E-09	
345			44.988	8.998	1.129E-09	46.938	9.388	1.282E-09	78.143	15.629	5.916E-09	83.826	16.765	7.303E-09	52.579	10.516	1.802E-09	25.843	5.169	2.140E-10	
346			11.428	2.286	1.850E-11	12.527	2.505	2.438E-11	43.352	8.670	1.010E-09	37.438	7.488	6.506E-10	94.916	18.983	1.060E-08	74.484	14.897	5.124E-09	
347			10.330	2.066	1.367E-11	48.667	9.733	1.429E-09	30.618	6.124	3.559E-10	87.433	17.487	8.287E-09	48.199	9.640	1.388E-09	13.320	2.664	2.930E-11	
348			10.398	2.080	1.394E-11	59.022	11.804	2.549E-09	12.044	2.409	2.166E-11	85.812	17.162	7.835E-09	42.621	8.524	9.600E-10	19.081	3.816	8.614E-11	
349			9.167	1.833	9.552E-12	93.573	18.715	1.016E-08	41.367	8.273	8.777E-10	43.006	8.601	9.862E-10	48.186	9.637	1.387E-09	18.220	3.644	7.499E-11	
350			13.430	2.686	3.003E-11	39.156	7.831	7.444E-10	65.106	13.021	3.422E-09	43.651	8.730	1.031E-09	13.560	2.712	3.092E-11	26.642	5.328	2.345E-10	

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
351			12.211	2.442	2.257E-11	9.193	1.839	9.632E-12	54.385	10.877	1.994E-09	12.143	2.429	2.220E-11	10.861	2.172	1.588E-11	11.315	2.263	1.796E-11
352			109.272	21.854	1.618E-08	42.950	8.590	9.824E-10	45.675	9.135	1.181E-09	44.290	8.858	1.077E-09	47.314	9.463	1.313E-09	35.750	7.150	5.665E-10
353			9.555	1.911	1.082E-11	45.907	9.181	1.200E-09	34.386	6.877	5.041E-10	28.406	5.681	2.842E-10	48.245	9.649	1.392E-09	22.429	4.486	1.399E-10
354			27.458	5.492	2.567E-10	44.693	8.939	1.107E-09	13.921	2.784	3.345E-11	126.986	25.397	2.539E-08	45.612	9.122	1.177E-09	10.260	2.052	1.339E-11
355			102.454	20.491	1.333E-08	98.936	19.787	1.201E-08	17.572	3.514	6.728E-11	8.939	1.788	8.857E-12	95.048	19.010	1.065E-08	24.546	4.909	1.834E-10
356			48.656	9.731	1.428E-09	37.907	7.581	6.754E-10	45.303	9.061	1.153E-09	11.767	2.353	2.020E-11	78.772	15.754	6.060E-09	10.281	2.056	1.347E-11
357			48.338	9.668	1.400E-09	13.651	2.730	3.154E-11	-8.395	0.000	0.000E+00	10.342	2.068	1.372E-11	94.201	18.840	1.036E-08	22.151	4.430	1.348E-10
358			61.412	12.282	2.872E-09	49.202	9.840	1.477E-09	43.892	8.778	1.048E-09	52.395	10.479	1.783E-09	50.344	10.069	1.582E-09	24.530	4.906	1.830E-10
359			56.653	11.331	2.254E-09	13.859	2.772	3.300E-11	28.887	5.777	2.989E-10	11.756	2.351	2.015E-11	56.873	11.375	2.281E-09	35.863	7.173	5.719E-10
360			40.444	8.089	8.203E-10	47.839	9.568	1.357E-09	46.573	9.315	1.253E-09	57.929	11.586	2.410E-09	43.222	8.644	1.001E-09	22.165	4.433	1.350E-10
361			10.949	2.190	1.628E-11	44.528	8.906	1.095E-09	13.182	2.636	2.840E-11	48.125	9.625	1.382E-09	51.028	10.206	1.647E-09	24.918	4.984	1.918E-10
362			40.066	8.013	7.975E-10	49.693	9.939	1.522E-09	27.645	5.529	2.620E-10	62.623	12.525	3.045E-09	42.890	8.578	9.782E-10	18.098	3.620	7.349E-11
363			91.575	18.315	9.522E-09	47.211	9.442	1.305E-09	11.916	2.383	2.098E-11	44.201	8.840	1.071E-09	44.853	8.971	1.119E-09	19.312	3.862	8.930E-11
364			20.930	4.186	1.137E-10	8.706	1.741	8.182E-12	12.066	2.413	2.178E-11	130.119	26.024	2.732E-08	18.761	3.752	8.187E-11	26.880	5.376	2.408E-10
365			111.982	22.396	1.741E-08	20.942	4.188	1.139E-10	41.413	8.283	8.806E-10	43.503	8.701	1.021E-09	48.262	9.652	1.394E-09	95.364	19.073	1.075E-08
366			20.251	4.050	1.030E-10	10.966	2.193	1.635E-11	33.795	6.759	4.786E-10	49.440	9.888	1.498E-09	48.075	9.615	1.378E-09	29.689	5.938	3.245E-10
367			9.642	1.928	1.111E-11	8.857	1.771	8.616E-12	9.679	1.936	1.124E-11	10.097	2.019	1.276E-11	9.723	1.945	1.140E-11	30.884	6.177	3.653E-10
368			95.970	19.194	1.096E-08	11.617	2.323	1.944E-11	92.514	18.503	9.818E-09	32.490	6.498	4.252E-10	53.010	10.602	1.847E-09	26.774	5.355	2.380E-10
369			44.672	8.934	1.105E-09	9.459	1.892	1.049E-11	16.417	3.283	5.486E-11	86.538	17.308	8.035E-09	51.712	10.342	1.715E-09	25.557	5.111	2.070E-10
370			10.133	2.027	1.290E-11	83.970	16.794	7.341E-09	8.509	1.702	7.640E-12	48.712	9.742	1.433E-09	9.405	1.881	1.032E-11	11.675	2.335	1.973E-11
371			11.089	2.218	1.691E-11	17.981	3.596	7.208E-11	55.881	11.176	2.164E-09	60.948	12.190	2.807E-09	45.853	9.171	1.195E-09	28.829	5.766	2.971E-10
372			52.920	10.584	1.838E-09	44.782	8.956	1.114E-09	98.308	19.662	1.178E-08	47.676	9.535	1.344E-09	49.286	9.857	1.484E-09	29.211	5.842	3.091E-10
373			37.629	7.526	6.606E-10	11.320	2.264	1.799E-11	11.529	2.306	1.900E-11	58.371	11.674	2.466E-09	45.317	9.063	1.154E-09	21.304	4.261	1.199E-10
374			-38.168	0.000	0.000E+00	50.808	10.162	1.626E-09	14.160	2.832	3.520E-11	37.788	7.558	6.690E-10	41.162	8.232	8.647E-10	25.387	5.077	2.029E-10
375			45.554	9.111	1.172E-09	12.948	2.590	2.691E-11	45.191	9.038	1.144E-09	11.166	2.233	1.726E-11	97.405	19.481	1.146E-08	27.445	5.489	2.563E-10
376			14.651	2.930	3.899E-11	10.916	2.183	1.613E-11	24.362	4.872	1.793E-10	61.386	12.277	2.868E-09	13.117	2.623	2.799E-11	22.302	4.460	1.375E-10
377			105.677	21.135	1.463E-08	21.280	4.256	1.195E-10	32.946	6.589	4.434E-10	11.478	2.296	1.875E-11	59.425	11.885	2.602E-09	11.306	2.261	1.792E-11
378			10.061	2.012	1.263E-11	53.697	10.739	1.920E-09	49.919	9.984	1.542E-09	129.593	25.919	2.699E-08	48.397	9.679	1.406E-09	25.277	5.055	2.002E-10
379			89.646	17.929	8.933E-09	45.308	9.062	1.153E-09	8.921	1.784	8.803E-12	13.048	2.610	2.754E-11	56.206	11.241	2.202E-09	24.628	4.926	1.852E-10
380			58.695	11.739	2.507E-09	99.261	19.852	1.213E-08	10.681	2.136	1.511E-11	77.363	15.473	5.741E-09	46.081	9.216	1.213E-09	21.573	4.315	1.245E-10
381			46.332	9.266	1.233E-09	49.907	9.981	1.541E-09	10.741	2.148	1.536E-11	54.309	10.862	1.986E-09	9.213	1.843	9.695E-12	22.055	4.411	1.330E-10
382			34.383	6.877	5.040E-10	10.020	2.004	1.247E-11	46.007	9.201	1.207E-09	49.180	9.836	1.475E-09	18.527	3.705	7.885E-11	24.280	4.856	1.775E-10
383			96.410	19.282	1.111E-08	10.612	2.122	1.482E-11	101.215	20.243	1.286E-08	44.541	8.908	1.096E-09	24.119	4.824	1.740E-10	20.099	4.020	1.007E-10
384			53.486	10.697	1.897E-09	12.876	2.575	2.647E-11	87.425	17.485	8.285E-09	10.805	2.161	1.564E-11	54.019	10.804	1.954E-09	20.621	4.124	1.087E-10
385			11.704	2.341	1.988E-11	37.979	7.596	6.792E-10	7.347	1.469	4.918E-12	44.561	8.912	1.097E-09	51.727	10.345	1.716E-09	31.424	6.285	3.847E-10
386			47.110	9.422	1.296E-09	48.739	9.748	1.436E-09	23.481	4.696	1.605E-10	10.720	2.144	1.528E-11	90.727	18.145	9.260E-09	10.214	2.043	1.321E-11
387			44.166	8.833	1.068E-09	12.109	2.422	2.201E-11	51.105	10.221	1.655E-09	93.081	18.616	9.999E-09	34.046	6.809	4.893E-10	16.581	3.316	5.653E-11
388			28.383	5.677	2.835E-10	103.064	20.613	1.357E-08	17.671	3.534	6.842E-11	66.367	13.273	3.624E-09	15.662	3.132	4.763E-11	27.350	5.470	2.537E-10
389			101.112	20.222	1.282E-08	47.524	9.505	1.331E-09	10.812	2.162	1.567E-11	60.389	12.078	2.731E-09	59.271	11.854	2.582E-09	23.830	4.766	1.678E-10
390			11.597	2.319	1.934E-11	24.246	4.849	1.767E-10	12.900	2.580	2.662E-11	124.998	25.000	2.422E-08	46.584	9.317	1.253E-09	24.808	4.962	1.893E-10
391			47.408	9.482	1.321E-09	34.083	6.817	4.909E-10	8.977	1.795	8.971E-12	12.528	2.506	2.438E-11	8.661	1.732	8.055E-12	26.132	5.226	2.213E-10
392			53.472	10.694	1.896E-09	51.337	10.267	1.678E-09	10.926	2.185	1.617E-11	51.240	10.248	1.668E-09	9.064	1.813	9.234E-12	20.420	4.084	1.056E-10
393			10.209	2.042	1.319E-11	46.602	9.320	1.255E-09	85.265	17.053	7.686E-09	9.002	1.800	9.044E-12	48.512	9.702	1.416E-09	22.314	4.463	1.378E-10
394			8.303	1.661	7.097E-12	93.898	18.780	1.026E-08	44.222	8.844	1.072E-09	93.273	18.655	1.006E-08	19.896	3.979	9.765E-11	57.683	11.537	2.380E-09
395			10.205	2.041	1.318E-11	10.749	2.150	1.540E-11	9.785	1.957	1.162E-11	34.267	6.853	4.989E-10	48.536	9.707	1.418E-09	28.179	5.636	2.774E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
396			45.172	9.034	1.143E-09	82.468	16.494	6.954E-09	21.800	4.360	1.285E-10	27.275	5.455	2.516E-10	46.434	9.287	1.241E-09	13.033	2.607	2.745E-11
397			11.294	2.259	1.786E-11	8.971	1.794	8.951E-12	12.043	2.409	2.166E-11	51.626	10.325	1.706E-09	94.465	18.893	1.045E-08	14.211	2.842	3.559E-11
398			96.057	19.211	1.099E-08	16.812	3.362	5.892E-11	23.145	4.629	1.537E-10	11.018	2.204	1.659E-11	48.384	9.677	1.404E-09	11.286	2.257	1.782E-11
399			51.203	10.241	1.665E-09	93.220	18.644	1.004E-08	12.013	2.403	2.149E-11	50.925	10.185	1.638E-09	11.390	2.278	1.832E-11	21.862	4.372	1.295E-10
400			45.356	9.071	1.157E-09	-58.311	0.000	0.000E+00	90.274	18.055	9.122E-09	18.019	3.604	7.254E-11	9.556	1.911	1.082E-11	41.663	8.333	8.967E-10
401			10.770	2.154	1.549E-11	50.679	10.136	1.614E-09	7.764	1.553	5.803E-12	9.150	1.830	9.497E-12	42.938	8.588	9.815E-10	34.905	6.981	5.273E-10
402			91.040	18.208	9.356E-09	60.819	12.164	2.789E-09	9.759	1.952	1.152E-11	40.254	8.051	8.088E-10	38.127	7.625	6.872E-10	20.899	4.180	1.132E-10
403			11.426	2.285	1.850E-11	89.132	17.826	8.780E-09	47.440	9.488	1.324E-09	109.925	21.985	1.647E-08	44.925	8.985	1.124E-09	25.685	5.137	2.101E-10
404			54.066	10.813	1.960E-09	11.541	2.308	1.906E-11	88.729	17.746	8.661E-09	59.425	11.885	2.602E-09	62.630	12.526	3.046E-09	29.912	5.982	3.318E-10
405			100.950	20.190	1.276E-08	10.964	2.193	1.634E-11	10.244	2.049	1.333E-11	12.282	2.456	2.297E-11	8.047	1.609	6.460E-12	28.372	5.674	2.832E-10
406			45.971	9.194	1.205E-09	10.782	2.156	1.554E-11	61.311	12.262	2.858E-09	85.559	17.112	7.766E-09	25.377	5.075	2.026E-10			
407			29.552	5.910	3.200E-10	47.304	9.461	1.312E-09	50.614	10.123	1.608E-09	69.253	13.851	4.118E-09	44.253	8.851	1.075E-09			
408			94.747	18.949	1.055E-08	20.437	4.087	1.058E-10	80.176	16.035	6.390E-09	24.105	4.821	1.737E-10	10.410	2.082	1.399E-11			
409			50.041	10.008	1.554E-09	58.694	11.739	2.507E-09	10.088	2.018	1.273E-11	50.978	10.196	1.643E-09	42.094	8.419	9.248E-10			
410			30.265	6.053	3.437E-10	43.698	8.740	1.035E-09	44.325	8.865	1.080E-09	7.996	1.599	6.340E-12	56.782	11.356	2.270E-09			
411			31.163	6.233	3.752E-10	12.973	2.595	2.707E-11	11.377	2.275	1.826E-11	57.367	11.473	2.341E-09	32.329	6.466	4.189E-10			
412			49.326	9.865	1.488E-09	46.037	9.207	1.210E-09	47.115	9.423	1.297E-09	10.607	2.121	1.480E-11	25.598	5.120	2.080E-10			
413			10.715	2.143	1.525E-11	13.728	2.746	3.208E-11	10.393	2.079	1.392E-11	129.243	25.849	2.677E-08	54.960	10.992	2.058E-09			
414			19.318	3.864	8.939E-11	11.744	2.349	2.008E-11	9.037	1.807	9.151E-12	8.270	1.654	7.012E-12	38.283	7.657	6.957E-10			
415			15.555	3.111	4.667E-11	10.678	2.136	1.509E-11	86.524	17.305	8.032E-09	84.827	16.965	7.568E-09	87.356	17.471	8.266E-09			
416			58.600	11.720	2.495E-09	49.756	9.951	1.527E-09	39.082	7.816	7.402E-10	28.709	5.742	2.934E-10	51.890	10.378	1.732E-09			
417			31.178	6.236	3.758E-10	45.436	9.087	1.163E-09	44.862	8.972	1.119E-09	13.018	2.604	2.735E-11	13.313	2.663	2.925E-11			
418			46.364	9.273	1.236E-09	10.469	2.094	1.423E-11	9.651	1.930	1.115E-11	12.954	2.591	2.695E-11	46.031	9.206	1.209E-09			
419			-31.345	0.000	0.000E+00	61.590	12.318	2.897E-09	46.757	9.351	1.267E-09	25.632	5.126	2.088E-10	72.101	14.420	4.647E-09			
420			15.249	3.050	4.397E-11	86.948	17.390	8.150E-09	13.766	2.753	3.235E-11	16.203	3.241	5.275E-11	12.032	2.406	2.159E-11			
421			11.935	2.387	2.108E-11	52.610	10.522	1.805E-09	9.969	1.994	1.228E-11	51.443	10.289	1.688E-09	49.874	9.975	1.538E-09			
422			11.410	2.282	1.842E-11	60.849	12.170	2.794E-09	47.205	9.441	1.304E-09	62.160	12.432	2.978E-09	43.073	8.615	9.909E-10			
423			9.062	1.812	9.226E-12	61.819	12.364	2.929E-09	89.674	17.935	8.941E-09	28.895	5.779	2.991E-10	74.412	14.882	5.109E-09			
424			93.920	18.784	1.027E-08	8.725	1.745	8.236E-12	46.421	9.284	1.240E-09	53.559	10.712	1.905E-09	44.414	8.883	1.086E-09			
425			51.040	10.208	1.649E-09	10.135	2.027	1.291E-11	93.188	18.638	1.003E-08	15.603	3.121	4.710E-11	42.634	8.527	9.609E-10			
426			48.256	9.651	1.393E-09	81.222	16.244	6.644E-09	60.559	12.112	2.754E-09	10.354	2.071	1.376E-11	53.755	10.751	1.926E-09			
427			88.111	17.622	8.482E-09	45.069	9.014	1.135E-09	11.882	2.376	2.080E-11	46.950	9.390	1.283E-09	105.218	21.044	1.444E-08			
428			48.140	9.628	1.383E-09	42.344	8.469	9.414E-10	38.818	7.764	7.252E-10	58.130	11.626	2.435E-09	25.396	5.079	2.031E-10			
429			15.896	3.179	4.980E-11	88.550	17.710	8.609E-09	51.474	10.295	1.691E-09	59.731	11.946	2.642E-09	13.539	2.708	3.077E-11			
430			45.021	9.004	1.131E-09	8.984	1.797	8.990E-12	46.722	9.344	1.265E-09	105.323	21.065	1.449E-08	26.791	5.358	2.384E-10			
431			11.911	2.382	2.095E-11	44.714	8.943	1.108E-09	50.253	10.051	1.574E-09	119.559	23.912	2.119E-08	38.531	7.706	7.093E-10			
432			11.397	2.279	1.836E-11	10.542	2.108	1.452E-11	89.659	17.932	8.937E-09	6.091	1.218	2.802E-12	91.641	18.328	9.543E-09			
433			47.016	9.403	1.289E-09	11.012	2.202	1.656E-11	30.224	6.045	3.423E-10	9.586	1.917	1.092E-11	42.049	8.410	9.218E-10			
434			11.561	2.312	1.916E-11	9.154	1.831	9.510E-12	10.357	2.071	1.378E-11	57.473	11.495	2.354E-09	108.809	21.762	1.597E-08			
435			11.368	2.274	1.821E-11	15.520	3.104	4.635E-11	33.805	6.761	4.790E-10	44.685	8.937	1.106E-09	30.843	6.169	3.638E-10			
436			48.685	9.737	1.431E-09	8.844	1.769	8.578E-12	36.830	7.366	6.195E-10	53.138	10.628	1.860E-09	57.389	11.478	2.344E-09			
437			87.392	17.478	8.276E-09	11.410	2.282	1.842E-11	8.757	1.751	8.328E-12	8.406	1.681	7.365E-12	54.187	10.837	1.973E-09			
438			40.171	8.034	8.038E-10	46.118	9.224	1.216E-09	57.625	11.525	2.373E-09	11.489	2.298	1.880E-11	55.335	11.067	2.101E-09			
439			45.121	9.024	1.139E-09	6.532	1.306	3.456E-12	43.870	8.774	1.047E-09	81.181	16.236	6.634E-09	41.428	8.286	8.816E-10			
440			11.131	2.226	1.710E-11	9.458	1.892	1.049E-11	11.380	2.276	1.827E-11	48.903	9.781	1.450E-09	15.743	3.149	4.838E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			
441			9.134	1.827	9.448E-12	9.805	1.961	1.169E-11	46.834	9.367	1.274E-09	29.107	5.821	3.057E-10	45.454	9.091	1.164E-09				
442			9.386	1.877	1.025E-11	12.231	2.446	2.269E-11	25.936	5.187	2.163E-10	43.160	8.632	9.969E-10	45.958	9.192	1.204E-09				
443			48.054	9.611	1.376E-09	10.429	2.086	1.406E-11	39.590	7.918	7.694E-10	48.111	9.622	1.381E-09	14.178	2.836	3.534E-11				
444			55.668	11.134	2.139E-09	26.632	5.326	2.342E-10	110.436	22.087	1.670E-08	42.853	8.571	9.757E-10	33.628	6.726	4.715E-10				
445			10.597	2.119	1.475E-11	43.114	8.623	9.937E-10	8.699	1.740	8.161E-12	47.875	9.575	1.361E-09	45.719	9.144	1.185E-09				
446			9.129	1.826	9.432E-12	97.441	19.488	1.147E-08	10.126	2.025	1.287E-11	46.523	9.305	1.248E-09	55.538	11.108	2.124E-09				
447			78.848	15.770	6.078E-09	46.947	9.389	1.283E-09	93.675	18.735	1.019E-08	113.163	22.633	1.797E-08	52.004	10.401	1.744E-09				
448			42.145	8.429	9.282E-10	9.302	1.860	9.979E-12	43.800	8.760	1.042E-09	10.414	2.083	1.400E-11	9.658	1.932	1.117E-11				
449			16.487	3.297	5.557E-11	54.185	10.837	1.973E-09	12.510	2.502	2.427E-11	9.230	1.846	9.749E-12	51.469	10.294	1.691E-09				
450			45.234	9.047	1.148E-09	35.054	7.011	5.341E-10	81.192	16.238	6.636E-09	8.572	1.714	7.811E-12	37.576	7.515	6.578E-10				
451			11.868	2.374	2.073E-11	9.400	1.880	1.030E-11	26.929	5.386	2.421E-10	50.744	10.149	1.620E-09	47.155	9.431	1.300E-09				
452			6.765	1.353	3.840E-12	89.073	17.815	8.763E-09	43.438	8.688	1.016E-09	17.873	3.575	7.079E-11	45.095	9.019	1.137E-09				
453			75.796	15.159	5.399E-09	97.263	19.453	1.141E-08	87.655	17.531	8.351E-09	90.665	18.133	9.241E-09	44.761	8.952	1.112E-09				
454			17.919	3.584	7.134E-11	11.187	2.237	1.736E-11	43.954	8.791	1.053E-09	54.862	10.972	2.047E-09	42.471	8.494	9.499E-10				
455			42.750	8.550	9.687E-10	10.650	2.130	1.498E-11	41.476	8.295	8.847E-10	9.646	1.929	1.113E-11	42.297	8.459	9.383E-10				
456			13.501	2.700	3.051E-11	51.232	10.246	1.667E-09	47.167	9.433	1.301E-09	46.506	9.301	1.247E-09	11.506	2.301	1.888E-11				
457			33.455	6.691	4.643E-10	7.421	1.484	5.068E-12	11.464	2.293	1.868E-11	54.891	10.978	2.051E-09	11.613	2.323	1.942E-11				
458			12.321	2.464	2.319E-11	18.202	3.640	7.478E-11	11.548	2.310	1.909E-11	11.250	2.250	1.765E-11	103.585	20.717	1.378E-08				
459			146.186	29.237	3.874E-08	9.064	1.813	9.233E-12	50.950	10.190	1.640E-09	43.430	8.686	1.016E-09	9.801	1.960	1.167E-11				
460			86.155	17.231	7.929E-09	10.271	2.054	1.343E-11	7.717	1.543	5.699E-12	61.309	12.262	2.857E-09	18.934	3.787	8.416E-11				
461			47.427	9.485	1.323E-09	100.369	20.074	1.254E-08	11.985	2.397	2.134E-11	50.370	10.074	1.585E-09	32.535	6.507	4.270E-10				
462			45.777	9.155	1.189E-09	52.991	10.598	1.845E-09	9.141	1.828	9.470E-12	25.856	5.171	2.143E-10	-42.445	0.000	0.000E+00				
463			18.821	3.764	8.267E-11	50.939	10.188	1.639E-09	89.001	17.800	8.741E-09	13.297	2.659	2.915E-11	42.189	8.438	9.311E-10				
464			11.354	2.271	1.815E-11	87.579	17.516	8.329E-09	69.275	13.855	4.122E-09	82.663	16.533	7.004E-09	10.494	2.099	1.433E-11				
465			47.583	9.517	1.336E-09	21.215	4.243	1.184E-10	29.496	5.899	3.182E-10	89.478	17.896	8.883E-09	27.321	5.464	2.529E-10				
466			88.694	17.739	8.651E-09	11.102	2.220	1.697E-11	11.316	2.263	1.797E-11	43.242	8.648	1.003E-09	55.856	11.171	2.161E-09				
467			11.229	2.246	1.755E-11	29.062	5.812	3.043E-10	42.852	8.570	9.757E-10	81.388	16.278	6.685E-09	15.943	3.189	5.024E-11				
468			91.651	18.330	9.545E-09	30.517	6.103	3.524E-10	54.153	10.831	1.969E-09	23.804	4.761	1.672E-10	42.849	8.570	9.754E-10				
469			10.065	2.013	1.264E-11	91.273	18.255	9.428E-09	16.670	3.334	5.744E-11	47.696	9.539	1.345E-09	63.343	12.669	3.151E-09				
470			11.754	2.351	2.013E-11	39.070	7.814	7.395E-10	46.684	9.337	1.262E-09	12.745	2.549	2.567E-11	9.204	1.841	9.669E-12				
471			11.960	2.392	2.121E-11	10.774	2.155	1.551E-11	89.735	17.947	8.959E-09	71.394	14.279	4.512E-09	60.525	12.105	2.749E-09				
472			51.519	10.304	1.695E-09	59.515	11.903	2.614E-09	9.672	1.934	1.122E-11	9.462	1.892	1.051E-11	55.894	11.179	2.165E-09				
473			34.938	6.988	5.288E-10	12.183	2.437	2.242E-11	48.697	9.739	1.432E-09	9.956	1.991	1.224E-11	65.444	13.089	3.475E-09				
474			43.357	8.671	1.011E-09	48.851	9.770	1.446E-09	29.727	5.945	3.257E-10	48.663	9.733	1.429E-09	50.229	10.046	1.571E-09				
475			8.046	1.609	6.458E-12	25.849	5.170	2.142E-10	9.669	1.934	1.121E-11	25.471	5.094	2.049E-10	62.564	12.513	3.036E-09				
476			11.629	2.326	1.950E-11	9.835	1.967	1.179E-11	47.107	9.421	1.296E-09	53.400	10.680	1.888E-09	30.915	6.183	3.663E-10				
477			47.491	9.498	1.328E-09	12.176	2.435	2.238E-11	24.196	4.839	1.756E-10	12.365	2.473	2.344E-11	82.277	16.455	6.906E-09				
478			17.757	3.551	6.942E-11	8.446	1.689	7.471E-12	21.503	4.301	1.233E-10	21.274	4.255	1.194E-10	86.814	17.363	8.112E-09				
479			64.034	12.807	3.255E-09	9.035	1.807	9.146E-12	48.016	9.603	1.373E-09	63.171	12.634	3.126E-09	8.441	1.688	7.456E-12				
480			31.074	6.215	3.720E-10	12.739	2.548	2.563E-11	15.678	3.136	4.778E-11	12.541	2.508	2.446E-11	9.593	1.919	1.095E-11				
481			6.135	1.227	2.862E-12	47.996	9.599	1.371E-09	39.265	7.853	7.506E-10	14.023	2.805	3.419E-11	11.474	2.295	1.873E-11				
482			13.355	2.671	2.953E-11	48.887	9.777	1.449E-09	35.374	7.075	5.488E-10	12.641	2.528	2.505E-11	7.977	1.595	6.295E-12				
483			10.682	2.136	1.511E-11	48.713	9.743	1.433E-09	9.649	1.930	1.114E-11	59.063	11.813	2.555E-09	51.948	10.390	1.738E-09				
484			52.731	10.546	1.818E-09	13.549	2.710	3.084E-11	11.608	2.322	1.939E-11	11.042	2.208	1.669E-11	8.873	1.775	8.663E-12				
485			69.731	13.946	4.204E-09	15.545	3.109	4.657E-11	12.523	2.505	2.435E-11	10.127	2.025	1.288E-11	81.591	16.318	6.735E-09				

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
486			9.692	1.938	1.129E-11	44.573	8.915	1.098E-09	75.460	15.092	5.328E-09	-43.251	0.000	0.000E+00	16.059	3.212	5.135E-11			
487			46.869	9.374	1.277E-09	72.892	14.578	4.802E-09	48.345	9.669	1.401E-09	92.648	18.530	9.861E-09	32.833	6.567	4.388E-10			
488			12.252	2.450	2.280E-11	-22.887	0.000	0.000E+00	27.856	5.571	2.680E-10	50.723	10.145	1.618E-09	17.363	3.473	6.491E-11			
489			40.887	8.177	8.475E-10	10.875	2.175	1.595E-11	11.060	2.212	1.677E-11	8.417	1.683	7.394E-12	10.075	2.015	1.268E-11			
490			10.522	2.104	1.444E-11	22.996	4.599	1.508E-10	99.320	19.864	1.215E-08	86.718	17.344	8.086E-09	49.988	9.998	1.549E-09			
491			12.579	2.516	2.468E-11	46.242	9.248	1.226E-09	43.211	8.642	1.000E-09	8.648	1.730	8.019E-12	45.086	9.017	1.136E-09			
492			15.911	3.182	4.994E-11	13.616	2.723	3.130E-11	10.589	2.118	1.472E-11	85.847	17.169	7.844E-09	33.542	6.708	4.679E-10			
493			7.976	1.595	6.292E-12	47.678	9.536	1.344E-09	10.366	2.073	1.381E-11	31.363	6.273	3.825E-10	46.183	9.237	1.221E-09			
494			58.159	11.632	2.439E-09	85.707	17.141	7.806E-09	45.748	9.150	1.187E-09	45.235	9.047	1.148E-09	64.877	12.975	3.386E-09			
495			34.175	6.835	4.949E-10	45.049	9.010	1.134E-09	42.236	8.447	9.342E-10	90.192	18.038	9.097E-09	9.409	1.882	1.033E-11			
496			33.338	6.668	4.594E-10	97.359	19.472	1.144E-08	10.502	2.100	1.436E-11	90.429	18.086	9.169E-09	10.771	2.154	1.550E-11			
497			44.703	8.941	1.108E-09	-8.921	0.000	0.000E+00	10.286	2.057	1.349E-11	9.363	1.873	1.018E-11	26.631	5.326	2.342E-10			
498			34.997	6.999	5.315E-10	15.578	3.116	4.688E-11	46.220	9.244	1.224E-09	96.642	19.328	1.119E-08	9.011	1.802	9.071E-12			
499			46.171	9.234	1.220E-09	25.326	5.065	2.014E-10	48.570	9.714	1.421E-09	9.026	1.805	9.117E-12	49.576	9.915	1.511E-09			
500			64.523	12.905	3.331E-09	57.423	11.485	2.348E-09	13.141	2.628	2.813E-11	29.835	5.967	3.293E-10	48.926	9.785	1.452E-09			
501			47.848	9.570	1.358E-09	50.591	10.118	1.606E-09	36.428	7.286	5.994E-10	108.617	21.723	1.589E-08	12.564	2.513	2.459E-11			
502			7.614	1.523	5.474E-12	25.064	5.013	1.952E-10	49.137	9.827	1.471E-09	43.889	8.778	1.048E-09	44.843	8.969	1.118E-09			
503			29.536	5.907	3.195E-10	58.239	11.648	2.449E-09	8.710	1.742	8.192E-12	56.819	11.364	2.274E-09	62.395	12.479	3.012E-09			
504			11.287	2.257	1.783E-11	87.144	17.429	8.205E-09	43.551	8.710	1.024E-09	52.941	10.588	1.840E-09	91.126	18.225	9.382E-09			
505			46.748	9.350	1.267E-09	90.155	18.031	9.086E-09	45.908	9.182	1.200E-09	45.875	9.175	1.197E-09	8.874	1.775	8.666E-12			
506			49.546	9.909	1.508E-09	38.131	7.626	6.874E-10	9.418	1.884	1.036E-11	55.568	11.114	2.127E-09	52.445	10.489	1.789E-09			
507			22.941	4.588	1.497E-10	82.261	16.452	6.902E-09	29.486	5.897	3.178E-10	57.523	11.505	2.360E-09	49.200	9.840	1.477E-09			
508			48.183	9.637	1.387E-09	16.291	3.258	5.361E-11	58.539	11.708	2.487E-09	9.277	1.855	9.900E-12	53.879	10.776	1.939E-09			
509			11.941	2.388	2.111E-11	46.700	9.340	1.263E-09	74.175	14.835	5.060E-09	68.594	13.719	4.002E-09	33.979	6.796	4.864E-10			
510			47.809	9.562	1.355E-09	11.405	2.281	1.839E-11	13.997	2.799	3.400E-11	107.764	21.553	1.552E-08	57.116	11.423	2.310E-09			
511			62.001	12.400	2.955E-09	49.404	9.881	1.495E-09	71.077	14.215	4.452E-09	42.502	8.500	9.520E-10	67.234	13.447	3.768E-09			
512			-14.640	0.000	0.000E+00	76.122	15.224	5.469E-09	24.867	4.973	1.907E-10	26.503	5.301	2.308E-10	27.177	5.435	2.489E-10			
513			7.368	1.474	4.960E-12	64.733	12.947	3.363E-09	9.471	1.894	1.053E-11	12.599	2.520	2.479E-11	57.764	11.553	2.390E-09			
514			35.429	7.086	5.514E-10	17.230	3.446	6.342E-11	59.053	11.811	2.553E-09	37.359	7.472	6.465E-10	59.639	11.928	2.630E-09			
515			9.736	1.947	1.144E-11	11.410	2.282	1.842E-11	54.203	10.841	1.975E-09	48.097	9.619	1.380E-09	59.881	11.976	2.662E-09			
516			-4.953	0.000	0.000E+00	42.173	8.435	9.300E-10	84.660	16.932	7.524E-09	42.581	8.516	9.573E-10	68.415	13.683	3.971E-09			
517			9.816	1.963	1.173E-11	96.974	19.395	1.131E-08	49.838	9.968	1.535E-09	46.545	9.309	1.250E-09	49.781	9.956	1.530E-09			
518			29.840	5.968	3.295E-10	6.666	1.333	3.673E-12	83.695	16.739	7.269E-09	59.739	11.948	2.643E-09	10.805	2.161	1.564E-11			
519			10.744	2.149	1.538E-11	9.445	1.889	1.045E-11	41.124	8.225	8.623E-10	5.558	1.112	2.129E-12	45.154	9.031	1.142E-09			
520			53.307	10.661	1.878E-09	9.867	1.973	1.191E-11	13.069	2.614	2.768E-11	165.220	33.044	5.592E-08	9.298	1.860	9.967E-12			
521			8.493	1.699	7.595E-12	13.607	2.721	3.124E-11	48.787	9.757	1.440E-09	56.881	11.376	2.282E-09	-8.911	0.000	0.000E+00			
522			9.038	1.808	9.155E-12	78.042	15.608	5.894E-09	29.939	5.988	3.328E-10	40.775	8.155	8.406E-10	44.719	8.944	1.109E-09			
523			8.586	1.717	7.848E-12	47.508	9.502	1.329E-09	29.528	5.906	3.192E-10	31.311	6.262	3.806E-10	55.453	11.091	2.114E-09			
524			48.052	9.610	1.376E-09	41.709	8.342	8.996E-10	8.707	1.741	8.184E-12	46.083	9.217	1.213E-09	66.069	13.214	3.576E-09			
525			11.042	2.208	1.669E-11	8.799	1.760	8.448E-12	9.013	1.803	9.077E-12	62.504	12.501	3.028E-09	46.337	9.267	1.234E-09			
526			46.826	9.365	1.273E-09	54.594	10.919	2.018E-09	10.219	2.044	1.323E-11	60.836	12.167	2.792E-09	11.293	2.259	1.786E-11			
527			7.035	1.407	4.318E-12	7.312	1.462	4.848E-12	84.710	16.942	7.537E-09	45.227	9.045	1.147E-09	65.966	13.193	3.559E-09			
528			56.071	11.214	2.186E-09	47.568	9.514	1.335E-09	69.558	13.912	4.173E-09	44.876	8.975	1.121E-09	48.456	9.691	1.411E-09			
529			11.240	2.248	1.761E-11	11.304	2.261	1.791E-11	9.001	1.800	9.042E-12	13.090	2.618	2.781E-11	7.961	1.592	6.256E-12			
530			12.247	2.449	2.278E-11	12.615	2.523	2.489E-11	21.110	4.222	1.166E-10	46.741	9.348	1.266E-09	62.436	12.487	3.018E-09			

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
531				11.107	2.221	1.699E-11	12.617	2.523	2.491E-11	48.611	9.722	1.424E-09	62.800	12.560	3.071E-09	52.406	10.481	1.785E-09			
532				65.273	13.055	3.448E-09	46.794	9.359	1.270E-09	11.032	2.206	1.665E-11	61.133	12.227	2.833E-09	65.017	13.003	3.408E-09			
533				36.828	7.366	6.193E-10	28.093	5.619	2.749E-10	27.521	5.504	2.585E-10	33.324	6.665	4.588E-10	9.510	1.902	1.067E-11			
534				6.541	1.308	3.469E-12	8.118	1.624	6.633E-12	39.912	7.982	7.883E-10	44.019	8.804	1.058E-09	51.116	10.223	1.656E-09			
535				9.968	1.994	1.228E-11	11.638	2.328	1.954E-11	12.882	2.576	2.650E-11	35.548	7.110	5.570E-10	111.227	22.245	1.706E-08			
536				-51.272	0.000	0.000E+00	49.163	9.833	1.473E-09	5.323	1.065	1.871E-12	106.629	21.326	1.503E-08	60.192	12.038	2.704E-09			
537				43.806	8.761	1.042E-09	44.076	8.815	1.062E-09	26.562	5.312	2.324E-10	48.962	9.792	1.455E-09	9.578	1.916	1.089E-11			
538				-38.785	0.000	0.000E+00	8.443	1.689	7.463E-12	44.762	8.952	1.112E-09	40.229	8.046	8.072E-10	29.786	5.957	3.277E-10			
539				47.845	9.569	1.358E-09	32.491	6.498	4.253E-10	13.176	2.635	2.836E-11	45.134	9.027	1.140E-09	5.733	1.147	2.337E-12			
540				11.331	2.266	1.804E-11	66.028	13.206	3.569E-09	11.979	2.396	2.131E-11	27.554	5.511	2.594E-10	32.617	6.523	4.302E-10			
541				8.757	1.751	8.327E-12	-6.503	0.000	0.000E+00	50.439	10.088	1.591E-09	86.081	17.216	7.909E-09	47.925	9.585	1.365E-09			
542				-10.328	0.000	0.000E+00	6.412	1.282	3.269E-12	56.892	11.378	2.283E-09	36.874	7.375	6.217E-10	42.761	8.552	9.694E-10			
543				43.100	8.620	9.927E-10	12.415	2.483	2.373E-11	47.408	9.482	1.321E-09	52.937	10.587	1.839E-09	8.528	1.706	7.689E-12			
544				7.943	1.589	6.213E-12	65.169	13.034	3.432E-09	60.104	12.021	2.692E-09	33.108	6.622	4.500E-10	9.652	1.930	1.115E-11			
545				47.584	9.517	1.336E-09	33.727	6.745	4.757E-10	8.429	1.686	7.425E-12	66.035	13.207	3.570E-09	46.581	9.316	1.253E-09			
546				46.124	9.225	1.217E-09	47.257	9.451	1.309E-09	13.261	2.652	2.892E-11	167.042	33.408	5.779E-08	179.111	35.822	7.125E-08			
547				47.156	9.431	1.300E-09	22.313	4.463	1.377E-10	29.977	5.995	3.340E-10	15.294	3.059	4.435E-11	73.266	14.653	4.876E-09			
548				54.948	10.990	2.057E-09	6.612	1.322	3.585E-12	11.321	2.264	1.799E-11	10.834	2.167	1.577E-11	45.843	9.169	1.195E-09			
549				29.780	5.956	3.275E-10	11.342	2.268	1.809E-11	51.390	10.278	1.683E-09	94.145	18.829	1.035E-08	6.222	1.244	2.987E-12			
550				44.843	8.969	1.118E-09	41.637	8.327	8.950E-10	11.713	2.343	1.992E-11	61.540	12.308	2.890E-09	8.714	1.743	8.204E-12			
551				41.317	8.263	8.745E-10	10.961	2.192	1.633E-11	8.300	1.660	7.089E-12	33.570	6.714	4.691E-10	47.410	9.482	1.321E-09			
552				9.488	1.898	1.059E-11	25.187	5.037	1.981E-10	23.518	4.704	1.613E-10	44.357	8.871	1.082E-09	40.012	8.002	7.943E-10			
553				-48.622	0.000	0.000E+00	51.790	10.358	1.722E-09	9.892	1.978	1.200E-11	44.522	8.904	1.094E-09	48.802	9.760	1.441E-09			
554				41.342	8.268	8.761E-10	10.644	2.129	1.495E-11	15.060	3.012	4.235E-11	36.641	7.328	6.099E-10	10.215	2.043	1.322E-11			
555				70.142	14.028	4.279E-09	9.879	1.976	1.195E-11	43.330	8.666	1.009E-09	67.830	13.566	3.870E-09	60.158	12.032	2.699E-09			
556				8.888	1.778	8.706E-12	6.854	1.371	3.992E-12	42.171	8.434	9.299E-10	54.868	10.974	2.048E-09	32.024	6.405	4.072E-10			
557				8.990	1.798	9.009E-12	61.573	12.315	2.894E-09	5.649	1.130	2.236E-12	52.145	10.429	1.758E-09	58.184	11.637	2.442E-09			
558				30.082	6.016	3.375E-10	9.616	1.923	1.103E-11	7.583	1.517	5.405E-12	97.977	19.595	1.166E-08	6.651	1.330	3.648E-12			
559				9.736	1.947	1.144E-11	11.093	2.219	1.693E-11	24.815	4.963	1.895E-10	49.721	9.944	1.524E-09	43.785	8.757	1.041E-09			
560				9.875	1.975	1.194E-11	7.639	1.528	5.528E-12	11.375	2.275	1.825E-11	26.861	5.372	2.403E-10	90.591	18.118	9.218E-09			
561				10.480	2.096	1.427E-11	44.695	8.939	1.107E-09	5.863	1.173	2.498E-12	35.755	7.151	5.667E-10	7.698	1.540	5.657E-12			
562				29.300	5.860	3.119E-10	40.678	8.136	8.346E-10	62.556	12.511	3.035E-09	55.649	11.130	2.137E-09	20.397	4.079	1.052E-10			
563				-36.465	0.000	0.000E+00	70.083	14.017	4.268E-09	37.826	7.565	6.710E-10	54.503	10.901	2.007E-09	44.344	8.869	1.081E-09			
564				31.567	6.313	3.900E-10	7.985	1.597	6.312E-12	61.766	12.353	2.922E-09	48.041	9.608	1.375E-09	32.749	6.550	4.355E-10			
565				50.619	10.124	1.608E-09	51.708	10.342	1.714E-09	8.917	1.783	8.792E-12	9.358	1.872	1.016E-11	30.211	6.042	3.419E-10			
566				63.260	12.652	3.139E-09	61.833	12.367	2.931E-09	9.871	1.974	1.192E-11	28.973	5.795	3.015E-10	10.192	2.038	1.313E-11			
567				50.020	10.004	1.552E-09	59.137	11.827	2.564E-09	51.435	10.287	1.687E-09	9.281	1.856	9.911E-12	49.366	9.873	1.492E-09			
568				10.213	2.043	1.321E-11	56.280	11.256	2.210E-09	43.850	8.770	1.045E-09	9.264	1.853	9.859E-12	9.527	1.905	1.072E-11			
569				-36.015	0.000	0.000E+00	8.948	1.790	8.883E-12	9.994	1.999	1.238E-11	95.013	19.003	1.064E-08	60.482	12.096	2.743E-09			
570				-8.796	0.000	0.000E+00	47.945	9.589	1.367E-09	53.263	10.653	1.874E-09	45.727	9.145	1.185E-09	48.259	9.652	1.394E-09			
571				14.043	2.809	3.434E-11	50.904	10.181	1.635E-09	49.041	9.808	1.462E-09	47.524	9.505	1.331E-09	16.053	3.211	5.129E-11			
572				55.105	11.021	2.075E-09	63.912	12.782	3.237E-09	11.705	2.341	1.989E-11	84.564	16.913	7.498E-09	61.065	12.213	2.823E-09			
573				41.332	8.266	8.755E-10	9.992	1.998	1.237E-11	8.983	1.797	8.989E-12	35.434	7.087	5.516E-10	33.097	6.619	4.495E-10			
574				9.165	1.833	9.546E-12	40.352	8.070	8.147E-10	10.737	2.147	1.535E-11	45.745	9.149	1.187E-09	67.622	13.524	3.834E-09			
575				51.645	10.329	1.708E-09	62.753	12.551	3.064E-09	43.752	8.750	1.038E-09	57.404	11.481	2.345E-09	33.254	6.651	4.560E-10			

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
576			10.109	2.022	1.281E-11	8.413	1.683	7.382E-12	7.880	1.576	6.067E-12	50.864	10.173	1.632E-09	47.514	9.503	1.330E-09			
577			49.079	9.816	1.466E-09	52.244	10.449	1.768E-09	6.773	1.355	3.852E-12	29.019	5.804	3.030E-10	64.369	12.874	3.307E-09			
578			17.763	3.553	6.949E-11	46.593	9.319	1.254E-09	8.558	1.712	7.772E-12	61.248	12.250	2.849E-09	12.304	2.461	2.309E-11			
579			57.884	11.577	2.405E-09	53.307	10.661	1.878E-09	10.772	2.154	1.550E-11	49.332	9.866	1.489E-09	11.448	2.290	1.860E-11			
580			10.532	2.106	1.449E-11	13.720	2.744	3.202E-11	58.313	11.663	2.459E-09	47.622	9.524	1.339E-09	63.286	12.657	3.143E-09			
581			22.664	4.533	1.443E-10	8.993	1.799	9.017E-12	9.311	1.862	1.001E-11	9.358	1.872	1.016E-11	23.672	4.734	1.645E-10			
582			3.256	0.651	4.279E-13	15.586	3.117	4.694E-11	13.097	2.619	2.785E-11	9.480	1.896	1.056E-11	8.230	1.646	6.911E-12			
583			60.049	12.010	2.685E-09	17.370	3.474	6.498E-11	7.514	1.503	5.261E-12	46.373	9.275	1.236E-09	8.749	1.750	8.302E-12			
584			55.253	11.051	2.092E-09	10.146	2.029	1.295E-11	61.241	12.248	2.848E-09	30.657	6.131	3.573E-10	43.934	8.787	1.051E-09			
585			6.352	1.270	3.178E-12	60.664	12.133	2.768E-09	34.017	6.803	4.881E-10	54.539	10.908	2.011E-09	48.547	9.709	1.419E-09			
586			27.408	5.482	2.553E-10	12.107	2.421	2.200E-11	11.048	2.210	1.672E-11	9.809	1.962	1.170E-11	51.414	10.283	1.685E-09			
587			57.874	11.575	2.403E-09	10.410	2.082	1.399E-11	10.251	2.050	1.336E-11	47.877	9.575	1.361E-09	30.210	6.042	3.419E-10			
588			28.368	5.674	2.831E-10	10.711	2.142	1.524E-11	58.714	11.743	2.510E-09	22.725	4.545	1.455E-10	57.928	11.586	2.410E-09			
589			43.968	8.794	1.054E-09	55.458	11.092	2.115E-09	32.857	6.571	4.398E-10	86.844	17.369	8.121E-09	11.943	2.389	2.112E-11			
590			38.373	7.675	7.006E-10	10.021	2.004	1.248E-11	-8.168	0.000	0.000E+00	45.467	9.093	1.165E-09	12.163	2.433	2.231E-11			
591			25.015	5.003	1.941E-10	55.216	11.043	2.087E-09	49.880	9.976	1.539E-09	10.402	2.080	1.395E-11	46.570	9.314	1.252E-09			
592			23.998	4.800	1.714E-10	9.671	1.934	1.122E-11	26.802	5.360	2.387E-10	49.669	9.934	1.519E-09	6.802	1.360	3.903E-12			
593			9.899	1.980	1.203E-11	13.534	2.707	3.074E-11	8.579	1.716	7.828E-12	22.406	4.481	1.395E-10	34.973	6.995	5.304E-10			
594			47.428	9.486	1.323E-09	28.742	5.748	2.944E-10	48.638	9.728	1.427E-09	10.756	2.151	1.543E-11	35.116	7.023	5.369E-10			
595			37.964	7.593	6.784E-10	49.748	9.950	1.527E-09	8.897	1.779	8.732E-12	46.411	9.282	1.240E-09	59.844	11.969	2.657E-09			
596			58.932	11.786	2.538E-09	11.728	2.346	2.000E-11	8.000	1.600	6.348E-12	141.660	28.332	3.525E-08	187.824	37.565	8.216E-08			
597			10.959	2.192	1.632E-11	17.127	3.425	6.229E-11	40.726	8.145	8.375E-10	20.392	4.078	1.051E-10	8.603	1.721	7.894E-12			
598			14.343	2.869	3.659E-11	9.643	1.929	1.112E-11	41.137	8.227	8.631E-10	43.957	8.791	1.053E-09	36.573	7.315	6.065E-10			
599			35.264	7.053	5.437E-10	10.688	2.138	1.514E-11	11.981	2.396	2.133E-11	61.177	12.235	2.839E-09	30.806	6.161	3.625E-10			
600			60.440	12.088	2.738E-09	51.610	10.322	1.704E-09	64.952	12.990	3.398E-09	83.697	16.739	7.270E-09	8.223	1.645	6.893E-12			
601			36.870	7.374	6.214E-10	19.476	3.895	9.160E-11	12.161	2.432	2.230E-11	47.688	9.538	1.345E-09	88.683	17.737	8.648E-09			
602			27.001	5.400	2.441E-10	9.803	1.961	1.168E-11	43.941	8.788	1.052E-09	34.170	6.834	4.947E-10	68.149	13.630	3.924E-09			
603			48.374	9.675	1.404E-09	11.169	2.234	1.728E-11	18.990	3.798	8.491E-11	60.833	12.167	2.791E-09	49.047	9.809	1.463E-09			
604			67.187	13.437	3.761E-09	49.345	9.869	1.490E-09	53.303	10.661	1.878E-09	8.193	1.639	6.819E-12	49.903	9.981	1.541E-09			
605			46.431	9.286	1.241E-09	50.917	10.183	1.637E-09	53.721	10.744	1.922E-09	6.779	1.356	3.862E-12	18.613	3.723	7.996E-11			
606			9.212	1.842	9.694E-12	27.719	5.544	2.641E-10	33.636	6.727	4.718E-10	44.451	8.890	1.089E-09	10.519	2.104	1.443E-11			
607			48.823	9.765	1.443E-09	63.064	12.613	3.110E-09	10.348	2.070	1.374E-11	60.244	12.049	2.711E-09	10.753	2.151	1.542E-11			
608			55.010	11.002	2.064E-09	14.016	2.803	3.414E-11	26.688	5.338	2.357E-10	91.081	18.216	9.369E-09	45.051	9.010	1.134E-09			
609			90.180	18.036	9.093E-09	44.443	8.889	1.088E-09	15.372	3.074	4.504E-11	8.383	1.677	7.305E-12	77.410	15.482	5.751E-09			
610			8.471	1.694	7.537E-12	12.346	2.469	2.333E-11	28.569	5.714	2.891E-10	44.852	8.970	1.119E-09	10.110	2.022	1.281E-11			
611			23.876	4.775	1.688E-10	63.519	12.704	3.178E-09	40.232	8.046	8.074E-10	56.881	11.376	2.282E-09	52.446	10.489	1.789E-09			
612			49.872	9.974	1.538E-09	11.106	2.221	1.699E-11	67.500	13.500	3.813E-09	97.698	19.540	1.156E-08	9.713	1.943	1.136E-11			
613			65.046	13.009	3.412E-09	45.722	9.144	1.185E-09	76.013	15.203	5.446E-09	7.365	1.473	4.954E-12	10.087	2.017	1.273E-11			
614			13.525	2.705	3.067E-11	-42.151	0.000	0.000E+00	9.027	1.805	9.120E-12	61.153	12.231	2.836E-09	47.786	9.557	1.353E-09			
615			57.375	11.475	2.342E-09	66.354	13.271	3.622E-09	51.448	10.290	1.688E-09	7.072	1.414	4.385E-12	41.021	8.204	8.559E-10			
616			60.221	12.044	2.708E-09	11.015	2.203	1.657E-11	-27.842	0.000	0.000E+00	-7.951	0.000	0.000E+00	38.109	7.622	6.862E-10			
617			29.818	5.964	3.287E-10	35.492	7.098	5.544E-10	7.166	1.433	4.563E-12	45.503	9.101	1.168E-09	52.204	10.441	1.764E-09			
618			9.802	1.960	1.168E-11	10.226	2.045	1.326E-11	30.295	6.059	3.447E-10	52.270	10.454	1.771E-09	9.159	1.832	9.525E-12			
619			45.772	9.154	1.189E-09	48.993	9.799	1.458E-09	29.544	5.909	3.197E-10	6.949	1.390	4.161E-12	43.509	8.702	1.021E-09			
620			52.221	10.444	1.766E-09	27.484	5.497	2.574E-10	45.916	9.183	1.200E-09	87.500	17.500	8.306E-09	8.129	1.626	6.660E-12			

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
621			23.339	4.668	1.576E-10	8.750	1.750	8.306E-12	9.252	1.850	9.820E-12	32.464	6.493	4.242E-10	57.110	11.422	2.310E-09			
622			51.755	10.351	1.719E-09	64.300	12.860	3.296E-09	56.426	11.285	2.228E-09	14.002	2.800	3.404E-11	38.529	7.706	7.092E-10			
623			38.629	7.726	7.147E-10	59.707	11.941	2.639E-09	47.104	9.421	1.296E-09	52.995	10.599	1.845E-09	12.980	2.596	2.711E-11			
624			46.008	9.202	1.208E-09	9.149	1.830	9.495E-12	50.724	10.145	1.618E-09	48.924	9.785	1.452E-09	10.260	2.052	1.339E-11			
625			63.859	12.772	3.229E-09	12.601	2.520	2.481E-11	63.491	12.698	3.173E-09	8.792	1.758	8.426E-12	27.826	5.565	2.671E-10			
626			62.306	12.461	2.999E-09	8.165	1.633	6.750E-12	7.410	1.482	5.044E-12	8.353	1.671	7.227E-12	168.860	33.772	5.970E-08			
627			25.306	5.061	2.009E-10	9.945	1.989	1.220E-11	11.788	2.358	2.031E-11	56.170	11.234	2.197E-09	37.438	7.488	6.506E-10			
628			11.416	2.283	1.845E-11	64.542	12.908	3.334E-09	7.950	1.590	6.230E-12	88.579	17.716	8.618E-09	-24.575	0.000	0.000E+00			
629			103.563	20.713	1.377E-08	13.258	2.652	2.890E-11	62.644	12.529	3.048E-09	43.004	8.601	9.861E-10	12.454	2.491	2.395E-11			
630			34.882	6.976	5.263E-10	48.203	9.641	1.389E-09	13.673	2.735	3.169E-11	58.886	11.777	2.532E-09	44.009	8.802	1.057E-09			
631			53.473	10.695	1.896E-09	46.969	9.394	1.285E-09	51.820	10.364	1.725E-09	77.946	15.589	5.872E-09	73.850	14.770	4.994E-09			
632			38.351	7.670	6.994E-10	52.467	10.493	1.791E-09	8.558	1.712	7.771E-12	95.330	19.066	1.074E-08	43.123	8.625	9.943E-10			
633			41.335	8.267	8.757E-10	7.412	1.482	5.050E-12	8.488	1.698	7.582E-12	28.777	5.755	2.955E-10	92.890	18.578	9.938E-09			
634			48.509	9.702	1.415E-09	9.143	1.829	9.478E-12	61.147	12.229	2.835E-09	34.071	6.814	4.904E-10	63.216	12.643	3.132E-09			
635			6.368	1.274	3.202E-12	57.967	11.593	2.415E-09	46.257	9.251	1.227E-09	39.323	7.865	7.539E-10	54.718	10.944	2.031E-09			
636			8.780	1.756	8.391E-12	4.619	0.924	1.222E-12	64.561	12.912	3.337E-09	112.353	22.471	1.758E-08	9.181	1.836	9.595E-12			
637			18.786	3.757	8.221E-11	45.351	9.070	1.157E-09	-25.503	0.000	0.000E+00	25.489	5.098	2.053E-10	22.508	4.502	1.414E-10			
638			28.170	5.634	2.772E-10	47.551	9.510	1.333E-09	11.498	2.300	1.885E-11	54.999	11.000	2.063E-09	81.612	16.322	6.740E-09			
639			9.840	1.968	1.181E-11	136.153	27.231	3.129E-08	8.272	1.654	7.018E-12	45.241	9.048	1.148E-09	50.580	10.116	1.604E-09			
640			50.176	10.035	1.566E-09	27.915	5.583	2.697E-10	51.393	10.279	1.683E-09	96.614	19.323	1.118E-08	24.836	4.967	1.900E-10			
641			11.928	2.386	2.104E-11	7.558	1.512	5.353E-12	7.486	1.497	5.203E-12	116.090	23.218	1.940E-08	32.091	6.418	4.098E-10			
642			69.265	13.853	4.120E-09	24.240	4.848	1.766E-10	20.847	4.169	1.123E-10	64.160	12.832	3.275E-09	102.212	20.442	1.324E-08			
643			48.073	9.615	1.378E-09	-38.250	0.000	0.000E+00	18.341	3.668	7.650E-11	41.856	8.371	9.092E-10	34.637	6.927	5.152E-10			
644			51.894	10.379	1.733E-09	10.776	2.155	1.552E-11	14.603	2.921	3.861E-11	62.971	12.594	3.096E-09	58.948	11.790	2.540E-09			
645			11.316	2.263	1.797E-11	11.999	2.400	2.142E-11	10.865	2.173	1.590E-11	27.756	5.551	2.651E-10	66.487	13.297	3.644E-09			
646			26.036	5.207	2.188E-10	20.738	4.148	1.106E-10	9.248	1.850	9.807E-12	11.454	2.291	1.863E-11	23.458	4.692	1.601E-10			
647			8.325	1.665	7.154E-12	46.931	9.386	1.282E-09	29.523	5.905	3.191E-10	59.090	11.818	2.558E-09	9.493	1.899	1.061E-11			
648			20.061	4.012	1.001E-10	20.339	4.068	1.043E-10	11.501	2.300	1.886E-11	61.079	12.216	2.825E-09	123.472	24.694	2.334E-08			
649			48.772	9.754	1.438E-09	30.803	6.161	3.624E-10	26.183	5.237	2.226E-10	47.247	9.449	1.308E-09	20.034	4.007	9.969E-11			
650			44.477	8.895	1.091E-09	13.328	2.666	2.936E-11	68.377	13.675	3.964E-09	9.679	1.936	1.124E-11	80.146	16.029	6.383E-09			
651			37.248	7.450	6.408E-10	50.116	10.023	1.561E-09	10.928	2.186	1.618E-11	48.379	9.676	1.404E-09	51.489	10.298	1.692E-09			
652			56.836	11.367	2.276E-09	8.834	1.767	8.549E-12	49.292	9.858	1.485E-09	29.870	5.974	3.304E-10	33.346	6.669	4.597E-10			
653			10.201	2.040	1.316E-11	32.927	6.585	4.426E-10	50.897	10.179	1.635E-09	61.757	12.351	2.920E-09	53.976	10.795	1.950E-09			
654			44.728	8.946	1.109E-09	23.209	4.642	1.550E-10	14.310	2.862	3.633E-11	42.133	8.427	9.274E-10	35.095	7.019	5.359E-10			
655			66.543	13.309	3.653E-09	48.099	9.620	1.380E-09	58.526	11.705	2.486E-09	62.571	12.514	3.038E-09	36.692	7.338	6.125E-10			
656			80.855	16.171	6.554E-09	-5.262	0.000	0.000E+00	11.856	2.371	2.066E-11	83.247	16.649	7.153E-09	41.260	8.252	8.709E-10			
657			25.590	5.118	2.078E-10	44.412	8.882	1.086E-09	48.658	9.732	1.428E-09	57.227	11.445	2.324E-09	88.350	17.670	8.551E-09			
658			49.612	9.922	1.514E-09	51.360	10.272	1.680E-09	58.399	11.680	2.469E-09	58.304	11.661	2.457E-09	120.079	24.016	2.147E-08			
659			34.876	6.975	5.260E-10	8.940	1.788	8.859E-12	62.703	12.541	3.057E-09	33.953	6.791	4.853E-10	64.714	12.943	3.360E-09			
660			88.201	17.640	8.508E-09	7.198	1.440	4.624E-12	57.569	11.514	2.366E-09	9.123	1.825	9.414E-12	45.763	9.153	1.188E-09			
661			123.982	24.796	2.363E-08	51.944	10.389	1.738E-09	4.651	0.930	1.247E-12	7.912	1.582	6.141E-12	10.071	2.014	1.267E-11			
662			32.857	6.571	4.398E-10	-47.821	0.000	0.000E+00	57.312	11.462	2.334E-09	9.383	1.877	1.024E-11	74.265	14.853	5.079E-09			
663			55.732	11.146	2.146E-09	62.097	12.419	2.969E-09	20.521	4.104	1.072E-10	47.663	9.533	1.343E-09	30.096	6.019	3.380E-10			
664			41.744	8.349	9.020E-10	59.363	11.873	2.594E-09	32.503	6.501	4.257E-10	32.332	6.466	4.191E-10	169.452	33.890	6.033E-08			
665			132.223	26.445	2.866E-08	66.899	13.380	3.712E-09	59.307	11.861	2.586E-09	62.009	12.402	2.956E-09	11.109	2.222	1.700E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
666			72.723	14.545	4.769E-09	29.143	5.829	3.069E-10	13.005	2.601	2.727E-11	60.469	12.094	2.742E-09	38.075	7.615	6.844E-10			
667			96.592	19.318	1.117E-08	56.673	11.335	2.257E-09	9.279	1.856	9.905E-12	11.699	2.340	1.986E-11	30.053	6.011	3.366E-10			
668			67.095	13.419	3.745E-09	37.775	7.555	6.683E-10	9.021	1.804	9.102E-12	74.225	14.845	5.070E-09	32.181	6.436	4.132E-10			
669			135.217	27.043	3.065E-08	-43.640	0.000	0.000E+00	24.248	4.850	1.768E-10	57.647	11.529	2.375E-09	44.004	8.801	1.057E-09			
670			71.048	14.210	4.447E-09	54.782	10.956	2.038E-09	9.929	1.986	1.214E-11	39.031	7.806	7.373E-10	19.360	3.872	8.997E-11			
671			53.985	10.797	1.951E-09	32.756	6.551	4.358E-10	56.910	11.382	2.285E-09	89.211	17.842	8.803E-09						
672			59.231	11.846	2.577E-09	58.388	11.678	2.468E-09	61.413	12.283	2.872E-09	85.556	17.111	7.765E-09						
673			33.532	6.706	4.675E-10	59.857	11.971	2.659E-09	11.935	2.387	2.108E-11	58.572	11.714	2.491E-09						
674			54.541	10.908	2.012E-09	11.729	2.346	2.001E-11	8.203	1.641	6.844E-12	37.902	7.580	6.751E-10						
675			36.868	7.374	6.214E-10	41.076	8.215	8.593E-10	43.858	8.772	1.046E-09	89.788	17.958	8.975E-09						
676			8.823	1.765	8.515E-12	55.234	11.047	2.089E-09	49.063	9.813	1.464E-09	66.124	13.225	3.585E-09						
677			45.757	9.151	1.188E-09	68.376	13.675	3.964E-09	48.524	9.705	1.417E-09	29.724	5.945	3.256E-10						
678			111.770	22.354	1.731E-08	58.858	11.772	2.528E-09	36.860	7.372	6.209E-10	7.417	1.483	5.058E-12						
679			71.273	14.255	4.489E-09	45.773	9.155	1.189E-09	58.587	11.717	2.493E-09	25.259	5.052	1.998E-10						
680			65.083	13.017	3.418E-09	58.142	11.628	2.437E-09	9.913	1.983	1.208E-11	42.127	8.425	9.270E-10						
681			46.605	9.321	1.255E-09	34.280	6.856	4.995E-10	72.234	14.447	4.673E-09	56.878	11.376	2.282E-09						
682			34.696	6.939	5.179E-10	40.936	8.187	8.506E-10	31.095	6.219	3.728E-10	58.039	11.608	2.424E-09						
683			88.546	17.709	8.608E-09	43.009	8.602	9.864E-10	10.920	2.184	1.614E-11	34.234	6.847	4.975E-10						
684			125.155	25.031	2.431E-08	49.266	9.853	1.483E-09	20.054	4.011	1.000E-10	65.015	13.003	3.407E-09						
685			11.510	2.302	1.891E-11	61.891	12.378	2.939E-09	7.590	1.518	5.422E-12	35.041	7.008	5.335E-10						
686			79.636	15.927	6.262E-09	43.256	8.651	1.004E-09	106.289	21.258	1.489E-08	75.225	15.045	5.278E-09						
687			102.564	20.513	1.338E-08	8.538	1.708	7.718E-12	55.925	11.185	2.169E-09	67.899	13.580	3.881E-09						
688			72.572	14.514	4.739E-09	51.428	10.286	1.686E-09	33.561	6.712	4.687E-10	9.242	1.848	9.789E-12						
689			37.116	7.423	6.340E-10	9.059	1.812	9.218E-12	-37.399	0.000	0.000E+00	46.092	9.218	1.214E-09						
690			69.325	13.865	4.131E-09	59.551	11.910	2.619E-09	32.224	6.445	4.149E-10	112.310	22.462	1.756E-08						
691			94.649	18.930	1.051E-08	10.446	2.089	1.413E-11	52.676	10.535	1.812E-09	45.193	9.039	1.144E-09						
692			23.588	4.718	1.627E-10	96.595	19.319	1.118E-08	12.312	2.462	2.314E-11	36.524	7.305	6.041E-10						
693			76.180	15.236	5.482E-09	59.682	11.936	2.636E-09	93.705	18.741	1.020E-08	8.783	1.757	8.401E-12						
694			50.906	10.181	1.636E-09	35.887	7.177	5.730E-10	11.769	2.354	2.021E-11	80.931	16.186	6.573E-09						
695			46.628	9.326	1.257E-09	54.410	10.882	1.997E-09	23.900	4.780	1.693E-10	43.377	8.675	1.012E-09						
696			9.394	1.879	1.028E-11	9.905	1.981	1.205E-11	48.574	9.715	1.421E-09	93.787	18.757	1.023E-08						
697			53.238	10.648	1.871E-09	7.647	1.529	5.545E-12	9.777	1.955	1.159E-11	59.826	11.965	2.655E-09						
698			8.089	1.618	6.563E-12	32.596	6.519	4.294E-10	6.843	1.369	3.973E-12	48.005	9.601	1.372E-09						
699			60.971	12.194	2.810E-09	40.527	8.105	8.253E-10	22.641	4.528	1.439E-10	61.864	12.373	2.936E-09						
700			58.869	11.774	2.530E-09	36.400	7.280	5.980E-10	62.565	12.513	3.037E-09	11.274	2.255	1.777E-11						
701			52.529	10.506	1.797E-09	14.460	2.892	3.749E-11	65.801	13.160	3.532E-09	64.472	12.894	3.323E-09						
702			46.208	9.242	1.223E-09	23.555	4.711	1.621E-10	48.886	9.777	1.449E-09	45.882	9.176	1.198E-09						
703			55.020	11.004	2.065E-09	5.599	1.120	2.176E-12	14.780	2.956	4.003E-11	7.388	1.478	5.000E-12						
704			109.140	21.828	1.612E-08	26.399	5.280	2.281E-10	67.295	13.459	3.779E-09	49.558	9.912	1.509E-09						
705			50.977	10.195	1.643E-09	11.809	2.362	2.042E-11	65.934	13.187	3.554E-09	41.815	8.363	9.065E-10						
706			41.485	8.297	8.852E-10	51.955	10.391	1.739E-09	60.491	12.098	2.744E-09	48.922	9.784	1.452E-09						
707			112.146	22.429	1.749E-08	33.162	6.632	4.522E-10	17.530	3.506	6.680E-11	7.675	1.535	5.606E-12						
708			144.747	28.949	3.760E-08	45.930	9.186	1.201E-09	69.163	13.833	4.102E-09	87.024	17.405	8.172E-09						
709			66.025	13.205	3.569E-09	7.435	1.487	5.095E-12	29.064	5.813	3.044E-10	12.143	2.429	2.220E-11						
710			39.684	7.937	7.749E-10	56.257	11.251	2.208E-09	38.124	7.625	6.870E-10	88.401	17.680	8.566E-09						

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
711				57.306	11.461	2.333E-09	62.417	12.483	3.015E-09	48.830	9.766	1.444E-09	28.739	5.748	2.943E-10						
712				34.542	6.908	5.110E-10	93.893	18.779	1.026E-08	72.441	14.488	4.713E-09	48.860	9.772	1.446E-09						
713				22.156	4.431	1.349E-10	59.779	11.956	2.649E-09	49.243	9.849	1.481E-09	7.889	1.578	6.087E-12						
714				32.572	6.514	4.285E-10	32.776	6.555	4.366E-10	59.353	11.871	2.592E-09	66.314	13.263	3.616E-09						
715				40.503	8.101	8.238E-10	6.699	1.340	3.727E-12	11.898	2.380	2.088E-11	37.890	7.578	6.745E-10						
716				52.030	10.406	1.746E-09	35.553	7.111	5.572E-10	-47.809	0.000	0.000E+00	7.854	1.571	6.006E-12						
717				89.593	17.919	8.917E-09	53.456	10.691	1.894E-09	27.982	5.596	2.717E-10	65.299	13.060	3.452E-09						
718				140.406	28.081	3.432E-08	38.274	7.655	6.952E-10	50.093	10.019	1.559E-09	9.322	1.864	1.005E-11						
719				49.608	9.922	1.514E-09	45.125	9.025	1.139E-09	66.265	13.253	3.608E-09	5.674	1.135	2.265E-12						
720				48.664	9.733	1.429E-09	70.614	14.123	4.366E-09	49.342	9.868	1.490E-09	44.329	8.866	1.080E-09						
721				48.445	9.689	1.410E-09	108.535	21.707	1.585E-08	32.933	6.587	4.429E-10	39.208	7.842	7.473E-10						
722				80.308	16.062	6.422E-09	58.902	11.780	2.534E-09	13.757	2.751	3.228E-11	96.002	19.200	1.097E-08						
723				140.482	28.096	3.438E-08	60.349	12.070	2.725E-09	10.642	2.128	1.494E-11	58.876	11.775	2.531E-09						
724				37.656	7.531	6.620E-10	55.225	11.045	2.088E-09	8.331	1.666	7.168E-12	62.098	12.420	2.969E-09						
725				127.139	25.428	2.548E-08	81.276	16.255	6.657E-09	112.470	22.494	1.764E-08	39.590	7.918	7.694E-10						
726				44.537	8.907	1.095E-09	48.879	9.776	1.448E-09	63.276	12.655	3.141E-09	49.518	9.904	1.506E-09						
727				116.743	23.349	1.973E-08	44.968	8.994	1.127E-09	37.392	7.478	6.482E-10	69.321	13.864	4.130E-09						
728				118.874	23.775	2.083E-08	29.131	5.826	3.065E-10	33.446	6.689	4.639E-10	84.141	16.828	7.386E-09						
729				55.680	11.136	2.140E-09	28.951	5.790	3.009E-10	48.910	9.782	1.451E-09	37.904	7.581	6.752E-10						
730				37.508	7.502	6.543E-10	60.022	12.004	2.681E-09	10.318	2.064	1.362E-11	60.909	12.182	2.802E-09						
731				58.626	11.725	2.498E-09	56.119	11.224	2.191E-09	12.427	2.485	2.380E-11	82.519	16.504	6.967E-09						
732				59.268	11.854	2.581E-09	51.201	10.240	1.664E-09	57.781	11.556	2.392E-09	9.167	1.833	9.550E-12						
733				76.606	15.321	5.574E-09	134.456	26.891	3.014E-08	137.697	27.539	3.237E-08	52.357	10.471	1.780E-09						
734				132.523	26.505	2.886E-08	45.908	9.182	1.200E-09	37.031	7.406	6.297E-10	42.357	8.471	9.422E-10						
735				36.198	7.240	5.881E-10	8.752	1.750	8.311E-12	45.440	9.088	1.163E-09	60.844	12.169	2.793E-09						
736				25.840	5.168	2.139E-10	9.145	1.829	9.482E-12	50.601	10.120	1.606E-09	44.775	8.955	1.113E-09						
737				31.768	6.354	3.975E-10	119.247	23.849	2.103E-08	38.661	7.732	7.165E-10	80.995	16.199	6.588E-09						
738				68.395	13.679	3.967E-09	113.449	22.690	1.810E-08	12.675	2.535	2.525E-11	30.317	6.063	3.455E-10						
739				85.092	17.018	7.639E-09	36.288	7.258	5.925E-10	106.819	21.364	1.511E-08	45.809	9.162	1.192E-09						
740				58.030	11.606	2.423E-09	49.171	9.834	1.474E-09	40.170	8.034	8.037E-10	9.948	1.990	1.221E-11						
741				88.158	17.632	8.495E-09	47.373	9.475	1.318E-09	112.882	22.576	1.783E-08	43.436	8.687	1.016E-09						
742				42.472	8.494	9.500E-10	76.446	15.289	5.539E-09	37.797	7.559	6.695E-10	9.279	1.856	9.907E-12						
743				28.190	5.638	2.778E-10	121.762	24.352	2.238E-08	6.709	1.342	3.744E-12	42.183	8.437	9.307E-10						
744							22.464	4.493	1.406E-10	44.497	8.899	1.092E-09	33.196	6.639	4.536E-10						
745							8.603	1.721	7.895E-12	39.043	7.809	7.379E-10	50.541	10.108	1.601E-09						
746							56.110	11.222	2.190E-09	69.081	13.816	4.088E-09	85.492	17.098	7.748E-09						
747							103.250	20.650	1.365E-08	12.489	2.498	2.415E-11	9.248	1.850	9.807E-12						
748							72.031	14.406	4.634E-09	25.123	5.025	1.966E-10	60.424	12.085	2.735E-09						
749							57.857	11.571	2.401E-09	14.958	2.992	4.149E-11	69.840	13.968	4.224E-09						
750							67.315	13.463	3.782E-09	8.807	1.761	8.470E-12	27.520	5.504	2.584E-10						
751							48.052	9.610	1.376E-09	51.290	10.258	1.673E-09	47.223	9.445	1.306E-09						
752							9.420	1.884	1.036E-11	49.574	9.915	1.511E-09	-54.046	0.000	0.000E+00						
753							9.517	1.903	1.069E-11	62.154	12.431	2.977E-09	51.774	10.355	1.721E-09						
754							45.981	9.196	1.205E-09	12.859	2.572	2.636E-11	53.260	10.652	1.873E-09						
755							66.784	13.357	3.693E-09	129.877	25.975	2.716E-08	52.943	10.589	1.840E-09						

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			
756						73.030	14.606	4.829E-09	98.634	19.727	1.190E-08	47.233	9.447	1.307E-09							
757						23.371	4.674	1.583E-10	10.207	2.041	1.318E-11	35.049	7.010	5.338E-10							
758						67.994	13.599	3.898E-09	46.497	9.299	1.246E-09	12.437	2.487	2.385E-11							
759						78.516	15.703	6.002E-09	60.606	12.121	2.760E-09	42.237	8.447	9.342E-10							
760						54.222	10.844	1.977E-09	122.345	24.469	2.271E-08	26.282	5.256	2.251E-10							
761						81.115	16.223	6.618E-09	-27.546	0.000	0.000E+00	53.097	10.619	1.856E-09							
762						27.335	5.467	2.533E-10	46.978	9.396	1.285E-09	56.126	11.225	2.192E-09							
763						50.966	10.193	1.641E-09	9.097	1.819	9.334E-12	119.325	23.865	2.107E-08							
764						103.795	20.759	1.386E-08	11.114	2.223	1.702E-11	34.193	6.839	4.957E-10							
765						21.983	4.397	1.317E-10	63.534	12.707	3.180E-09	121.573	24.315	2.228E-08							
766						45.263	9.053	1.150E-09	39.810	7.962	7.823E-10	59.148	11.830	2.566E-09							
767						49.258	9.852	1.482E-09	140.556	28.111	3.443E-08	42.385	8.477	9.441E-10							
768						124.713	24.943	2.405E-08	120.184	24.037	2.152E-08	111.658	22.332	1.726E-08							
769						45.571	9.114	1.173E-09	55.145	11.029	2.079E-09	53.791	10.758	1.930E-09							
770						11.865	2.373	2.071E-11	47.136	9.427	1.298E-09	-52.028	0.000	0.000E+00							
771						12.405	2.481	2.367E-11	119.266	23.853	2.103E-08	22.017	4.403	1.323E-10							
772						38.467	7.693	7.058E-10	53.345	10.669	1.882E-09	10.374	2.075	1.384E-11							
773						14.950	2.990	4.143E-11	55.512	11.102	2.121E-09	40.420	8.084	8.188E-10							
774						58.027	11.605	2.423E-09	64.861	12.972	3.383E-09	74.078	14.816	5.040E-09							
775						140.448	28.090	3.435E-08	48.541	9.708	1.418E-09	58.862	11.772	2.529E-09							
776						8.369	1.674	7.267E-12	86.754	17.351	8.096E-09	52.093	10.419	1.753E-09							
777						91.972	18.394	9.646E-09	39.545	7.909	7.668E-10	49.417	9.883	1.496E-09							
778						98.941	19.788	1.201E-08	58.048	11.610	2.425E-09	8.709	1.742	8.191E-12							
779						89.602	17.920	8.919E-09	52.423	10.485	1.786E-09	48.056	9.611	1.376E-09							
780						82.325	16.465	6.918E-09	75.986	15.197	5.440E-09	52.064	10.413	1.750E-09							
781						62.736	12.547	3.061E-09	59.848	11.970	2.658E-09	32.312	6.462	4.183E-10							
782						86.019	17.204	7.892E-09	16.310	3.262	5.380E-11	50.757	10.151	1.621E-09							
783						46.596	9.319	1.254E-09	31.723	6.345	3.959E-10	27.138	5.428	2.478E-10							
784						85.228	17.046	7.676E-09	59.793	11.959	2.651E-09	48.102	9.620	1.380E-09							
785						76.130	15.226	5.471E-09	8.147	1.629	6.704E-12	54.188	10.838	1.973E-09							
786						41.782	8.356	9.044E-10	44.196	8.839	1.070E-09	41.409	8.282	8.804E-10							
787						49.506	9.901	1.504E-09	26.907	5.381	2.415E-10	54.997	10.999	2.063E-09							
788						58.074	11.615	2.428E-09	43.894	8.779	1.049E-09	7.803	1.561	5.890E-12							
789						66.267	13.253	3.608E-09	88.843	17.769	8.695E-09	25.501	5.100	2.056E-10							
790						43.255	8.651	1.003E-09	16.007	3.201	5.085E-11	55.712	11.142	2.144E-09							
791						82.749	16.550	7.025E-09	46.769	9.354	1.268E-09										
792						60.195	12.039	2.704E-09	37.611	7.522	6.597E-10										
793						116.986	23.397	1.985E-08	151.723	30.345	4.331E-08										
794						66.404	13.281	3.631E-09	37.337	7.467	6.454E-10										
795						111.431	22.286	1.716E-08	63.109	12.622	3.116E-09										
796						37.962	7.592	6.783E-10	59.882	11.976	2.662E-09										
797						56.153	11.231	2.195E-09	42.544	8.509	9.548E-10										
798						131.378	26.276	2.812E-08	97.032	19.406	1.133E-08										
799						68.513	13.703	3.988E-09	34.051	6.810	4.895E-10										
800						134.636	26.927	3.026E-08	22.407	4.481	1.395E-10										

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			
801						110.113	22.023	1.655E-08	26.514	5.303	2.311E-10										
802						135.730	27.146	3.100E-08	135.499	27.100	3.085E-08										
803						18.114	3.623	7.369E-11	86.425	17.285	8.004E-09										
804						71.465	14.293	4.526E-09	48.180	9.636	1.387E-09										
805						131.425	26.285	2.815E-08	27.397	5.479	2.550E-10										
806						125.820	25.164	2.470E-08	33.025	6.605	4.466E-10										
807						168.179	33.636	5.898E-08	90.077	18.015	9.062E-09										
808						73.316	14.663	4.886E-09	57.301	11.460	2.333E-09										
809						96.645	19.329	1.119E-08	49.862	9.972	1.537E-09										
810						126.928	25.386	2.536E-08	56.017	11.203	2.179E-09										
811						93.114	18.623	1.001E-08	9.299	1.860	9.969E-12										
812						45.124	9.025	1.139E-09	11.353	2.271	1.814E-11										
813						9.577	1.915	1.089E-11	8.295	1.659	7.078E-12										
814						108.462	21.692	1.582E-08	147.318	29.464	3.964E-08										
815						10.686	2.137	1.513E-11	48.909	9.782	1.451E-09										
816						91.504	18.301	9.500E-09	34.572	6.914	5.123E-10										
817						61.460	12.292	2.879E-09	59.149	11.830	2.566E-09										
818						139.012	27.802	3.331E-08	141.795	28.359	3.535E-08										
819						108.907	21.781	1.602E-08	-19.896	0.000	0.000E+00										
820						8.410	1.682	7.375E-12	26.653	5.331	2.347E-10										
821						36.648	7.330	6.103E-10	31.917	6.383	4.031E-10										
822						42.279	8.456	9.370E-10	66.937	13.387	3.719E-09										
823						49.768	9.954	1.528E-09	9.949	1.990	1.221E-11										
824						74.112	14.822	5.047E-09	110.709	22.142	1.682E-08										
825						31.366	6.273	3.826E-10	47.719	9.544	1.347E-09										
826						29.596	5.919	3.214E-10	97.964	19.593	1.166E-08										
827						32.753	6.551	4.357E-10	56.073	11.215	2.186E-09										
828						59.580	11.916	2.622E-09	96.046	19.209	1.099E-08										
829						29.907	5.981	3.317E-10	31.069	6.214	3.719E-10										
830						87.271	17.454	8.241E-09	10.855	2.171	1.586E-11										
831									137.320	27.464	3.211E-08										
832									53.578	10.716	1.907E-09										
833									77.087	15.417	5.680E-09										
834									163.482	32.696	5.418E-08										
835									20.745	4.149	1.107E-10										
836									88.406	17.681	8.567E-09										
837									43.480	8.696	1.019E-09										
838									35.503	7.101	5.548E-10										
839									32.307	6.461	4.181E-10										
840									126.375	25.275	2.502E-08										
841									42.830	8.566	9.741E-10										
842									104.970	20.994	1.434E-08										
843									22.092	4.418	1.337E-10										
844									119.754	23.951	2.129E-08										
845									60.261	12.052	2.713E-09										

Data: Flyover 1 - Span 9 (25.00 m) - IG-02																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13		
									76.045	15.209	5.453E-09									

Flyover 1 - Span 9 (25.00 m) - IG-03
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4			Day 5			Day 6			Day 7								
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage							
	Max.			Max.			Max.			Max.			Max.			Max.			Max.								
	Cum.	-	2.694E-07	Cum.	-	9.961E-07	Cum.	-	1.074E-06	Cum.	-	1.188E-06	Cum.	-	8.787E-07	Cum.	-	6.642E-07	Cum.	-	4.122E-09	3.253E-08					
Data: Flyover 1 - Span 9 (25.00 m) - IG-03																											
	Day 1				Day 2				Day 3				Day 4				Day 5				Day 6				Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17			SG17					
1	26.295	5.259	2.254E-10	20.989	4.198	1.147E-10	20.143	4.029	1.013E-10	64.496	12.899	3.326E-09	40.462	8.092	8.214E-10	32.502	6.500	4.257E-10	41.336	8.267	8.757E-10						
2	-5.799	0.000	0.000E+00	79.678	15.936	6.272E-09	37.770	7.554	6.681E-10	105.481	21.096	1.455E-08	19.831	3.966	9.670E-11	21.904	4.381	1.303E-10	8.562	1.712	7.784E-12						
3	68.141	13.628	3.923E-09	51.939	10.388	1.737E-09	24.928	4.986	1.921E-10	22.341	4.468	1.383E-10	50.297	10.059	1.578E-09	-33.397	0.000	0.000E+00	24.682	4.936	1.864E-10						
4	11.631	2.326	1.951E-11	73.584	14.717	4.940E-09	26.261	5.252	2.246E-10	70.829	14.166	4.406E-09	27.780	5.556	2.658E-10	21.469	4.294	1.227E-10	16.488	3.298	5.558E-11						
5	8.773	1.755	8.371E-12	21.868	4.374	1.297E-10	8.962	1.792	8.925E-12	-5.393	0.000	0.000E+00	25.977	5.195	2.173E-10	23.377	4.675	1.584E-10	6.859	1.372	4.001E-12						
6	-16.604	0.000	0.000E+00	57.106	11.421	2.309E-09	67.963	13.593	3.892E-09	15.271	3.054	4.416E-11	23.541	4.708	1.618E-10	3.824	0.765	6.934E-13	24.782	4.956	1.887E-10						
7	24.695	4.939	1.867E-10	9.080	1.816	9.283E-12	-5.927	0.000	0.000E+00	44.068	8.814	1.061E-09	51.175	10.235	1.662E-09	28.200	5.640	2.781E-10	69.277	13.855	4.122E-09						
8	30.087	6.017	3.377E-10	62.898	12.580	3.085E-09	41.905	8.381	9.124E-10	37.897	7.579	6.748E-10	11.825	2.365	2.050E-11	68.189	13.638	3.931E-09	6.231	1.246	3.000E-12						
9	39.505	7.901	7.645E-10	58.788	11.758	2.519E-09	27.137	5.427	2.478E-10	-6.180	0.000	0.000E+00	71.644	14.329	4.560E-09	39.611	7.922	7.706E-10	40.726	8.145	8.375E-10						
10	27.977	5.595	2.715E-10	30.453	6.091	3.502E-10	70.024	14.005	4.257E-09	33.069	6.614	4.484E-10	7.058	1.412	4.360E-12	22.678	4.536	1.446E-10	9.232	1.846	9.755E-12						
11	5.209	1.042	1.752E-12	4.903	0.981	1.461E-12	66.589	13.318	3.661E-09	45.203	9.041	1.145E-09	54.963	10.993	2.059E-09	50.247	10.049	1.573E-09	-15.833	0.000	0.000E+00						
12	23.999	4.800	1.714E-10	58.368	11.674	2.466E-09	8.299	1.660	7.087E-12	44.024	8.805	1.058E-09	7.053	1.411	4.351E-12	47.474	9.495	1.327E-09	20.856	4.171	1.125E-10						
13	21.253	4.251	1.190E-10	36.687	7.337	6.122E-10	12.385	2.477	2.356E-11	69.108	13.822	4.092E-09	20.317	4.063	1.040E-10	36.157	7.231	5.861E-10	8.129	1.626	6.661E-12						
14	28.764	5.753	2.951E-10	64.619	12.924	3.346E-09	72.554	14.511	4.736E-09	71.920	14.384	4.612E-09	23.407	4.681	1.590E-10	11.659	2.332	1.965E-11	17.667	3.533	6.837E-11						
15	38.545	7.709	7.101E-10	65.073	13.015	3.417E-09	29.886	5.977	3.310E-10	28.826	5.765	2.970E-10	31.352	6.270	3.821E-10	51.613	10.323	1.705E-09	5.937	1.187	2.595E-12						
16	24.831	4.966	1.898E-10	62.723	12.545	3.060E-09	32.492	6.498	4.253E-10	7.008	1.402	4.268E-12	71.533	14.307	4.538E-09	5.514	1.103	2.079E-12	14.975	2.995	4.164E-11						
17	15.562	3.112	4.673E-11	73.113	14.623	4.846E-09	31.206	6.241	3.768E-10	17.261	3.452	6.376E-11	27.705	5.541	2.637E-10	23.040	4.608	1.516E-10	6.918	1.384	4.104E-12						
18	18.804	3.761	8.244E-11	51.251	10.250	1.669E-09	35.722	7.144	5.652E-10	15.060	3.012	4.235E-11	66.514	13.303	3.649E-09	50.972	10.194	1.642E-09	13.520	2.704	3.064E-11						
19	19.364	3.873	9.002E-11	38.432	7.686	7.039E-10	31.836	6.367	4.001E-10	70.640	14.128	4.371E-09	66.981	13.396	3.726E-09	17.359	3.472	6.486E-11	17.928	3.586	7.144E-11						
20	64.152	12.830	3.274E-09	63.363	12.673	3.154E-09	53.265	10.653	1.874E-09	8.685	1.737	8.122E-12	14.677	2.935	3.920E-11	29.061	5.812	3.043E-10	26.271	5.254	2.248E-10						
21	15.729	3.146	4.825E-11	36.739	7.348	6.148E-10	40.467	8.093	8.216E-10	25.861	5.172	2.144E-10	74.350	14.870	5.096E-09	109.158	21.832	1.613E-08	8.544	1.709	7.735E-12						
22	59.662	11.932	2.633E-09	26.991	5.398	2.438E-10	20.466	4.093	1.063E-10	88.989	17.798	8.738E-09	50.782	10.156	1.624E-09	32.810	6.562	4.379E-10	14.407	2.881	3.708E-11						
23	24.531	4.906	1.830E-10	31.993	6.399	4.060E-10	44.207	8.841	1.071E-09	5.439	1.088	1.995E-12	15.551	3.110	4.663E-11	49.820	9.964	1.533E-09	12.252	2.450	2.280E-11						
24	51.981	10.396	1.741E-09	50.850	10.170	1.630E-09	50.093	10.019	1.559E-09	26.810	5.362	2.389E-10	58.620	11.724	2.498E-09	49.851	9.970	1.536E-09	4.746	0.949	1.326E-12						
25	66.101	13.220	3.581E-09	68.087	13.617	3.914E-09	6.225	1.245	2.991E-12	4.920	0.984	1.477E-12	62.009	12.402	2.956E-09	45.506	9.101	1.168E-09	18.988	3.798	8.489E-11						
26	-32.505	0.000	0.000E+00	52.295	10.459	1.773E-09	22.925	4.585	1.494E-10	73.232	14.646	4.869E-09	32.113	6.423	4.106E-10	55.718	11.144	2.145E-09	14.868	2.974	4.075E-11						
27	57.914	11.583	2.408E-09	38.876	7.775	7.285E-10	128.441	25.688	2.627E-08	-68.245	0.000	0.000E+00	44.185	8.837	1.070E-09	32.448	6.490	4.236E-10	15.014	3.003	4.197E-11						
28	10.540	2.108	1.452E-11	36.292	7.258	5.927E-10	73.227	14.645	4.869E-09	39.856	7.971	7.850E-10	10.163	2.033	1.302E-11	-16.715	0.000	0.000E+00	36.915	7.383	6.237E-10						
29	30.863	6.173	3.645E-10	63.712	12.742	3.207E-09	14.315	2.863	3.637E-11	47.291	9.458	1.311E-09	24.505	4.901	1.825E-10	28.387	5.677	2.836E-10	16.118	3.224	5.192E-11						
30	32.664	6.533	4.321E-10	50.795	10.159	1.625E-09	74.300	14.860	5.086E-09	25.998	5.200	2.179E-10	21.721	4.344	1.271E-10	49.611	9.922	1.514E-09	15.127	3.025	4.292E-11						
31	-15.432	0.000	0.000E+00	53.519	10.704	1.901E-09	45.552	9.110	1.172E-09	56.440	11.288	2.229E-09	43.162	8.632	9.970E-10	45.368	9.074	1.158E-09	7.750	1.550	5.771E-12						
32	59.462	11.892	2.607E-09	58.810	11.762	2.522E-09	35.231	7.046	5.422E-10	46.760	9.352	1.268E-09	13.156	2.631	2.823E-11	32.910	6.582	4.419E-10	15.816	3.163	4.906E-11						
33	23.412	4.682	1.591E-10	41.300	8.260	8.735E-10	52.152	10.430	1.759E-09	80.288	16.058	6.417E-09	33.651	6.730	4.725E-10	-3.851	0.000	0.000E+00	20.650	4.130	1.092E-10						
34	57.225	11.445	2.324E-09	23.336	4.667	1.576E-10	78.095	15.619	5.906E-09	31.139	6.228	3.744E-10	19.239	3.848	8.830E-11	6.724	1.345	3.770E-12	11.608	2.322	1.940E-11						
35	11.150	2.230	1.719E-11	110.240	22.048	1.661E-08	28.294	5.659	2.808E-10	46.766	9.353	1.268E-09	47.017	9.403	1.289E-09	43.717	8.743	1.036E-09	13.882	2.776	3.317E-11						

Data: Flyover 1 - Span 9 (25.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
36	25.007	5.001	1.939E-10	38.259	7.652	6.944E-10	77.432	15.486	5.756E-09	25.268	5.054	2.000E-10	36.138	7.228	5.852E-10	39.800	7.960	7.817E-10	10.927	2.185	1.618E-11
37	29.249	5.850	3.102E-10	65.195	13.039	3.436E-09	19.775	3.955	9.588E-11	96.262	19.252	1.106E-08	45.718	9.144	1.185E-09	5.170	1.034	1.713E-12	13.270	2.654	2.897E-11
38	55.717	11.143	2.145E-09	80.554	16.111	6.481E-09	41.613	8.323	8.935E-10	96.429	19.286	1.112E-08	67.419	13.484	3.800E-09	-1.697	0.000	0.000E+00	16.813	3.363	5.893E-11
39	51.859	10.372	1.729E-09	63.679	12.736	3.202E-09	47.502	9.500	1.329E-09	96.124	19.225	1.101E-08	21.133	4.227	1.170E-10	28.155	5.631	2.767E-10	11.857	2.371	2.067E-11
40	21.941	4.388	1.310E-10	65.123	13.025	3.424E-09	64.459	12.892	3.321E-09	109.196	21.839	1.614E-08	24.087	4.817	1.733E-10	31.032	6.206	3.705E-10	13.357	2.671	2.955E-11
41	13.754	2.751	3.226E-11	28.546	5.709	2.884E-10	25.796	5.159	2.128E-10	64.209	12.842	3.282E-09	52.560	10.512	1.800E-09	52.704	10.541	1.815E-09	12.239	2.448	2.273E-11
42	-33.486	0.000	0.000E+00	63.282	12.656	3.142E-09	48.884	9.777	1.448E-09	68.930	13.786	4.061E-09	41.237	8.247	8.695E-10	25.119	5.024	1.965E-10	23.127	4.625	1.534E-10
43	26.298	5.260	2.255E-10	70.814	14.163	4.403E-09	22.149	4.430	1.347E-10	52.883	10.577	1.834E-09	64.523	12.905	3.331E-09	49.627	9.925	1.515E-09	9.770	1.954	1.156E-11
44	23.549	4.710	1.619E-10	45.508	9.102	1.169E-09	30.749	6.150	3.605E-10	73.807	14.761	4.985E-09	45.417	9.083	1.162E-09	13.351	2.670	2.951E-11	7.711	1.542	5.686E-12
45	26.540	5.308	2.318E-10	68.271	13.654	3.945E-09	66.205	13.241	3.598E-09	18.708	3.742	8.118E-11	36.322	7.264	5.942E-10	36.739	7.348	6.148E-10	10.418	2.084	1.402E-11
46	88.613	17.723	8.627E-09	27.952	5.590	2.708E-10	11.397	2.279	1.836E-11	13.884	2.777	3.319E-11	57.311	11.462	2.334E-09	26.162	5.232	2.220E-10	5.764	1.153	2.374E-12
47	39.856	7.971	7.850E-10	40.666	8.133	8.339E-10	33.454	6.691	4.642E-10	67.933	13.587	3.887E-09	75.166	15.033	5.266E-09	20.230	4.046	1.027E-10	14.411	2.882	3.711E-11
48	45.266	9.053	1.150E-09	59.662	11.932	2.633E-09	51.333	10.267	1.677E-09	36.106	7.221	5.836E-10	28.221	5.644	2.787E-10	67.995	13.599	3.898E-09	14.162	2.832	3.522E-11
49	14.902	2.980	4.103E-11	34.336	6.867	5.019E-10	56.408	11.282	2.225E-09	62.692	12.538	3.055E-09	31.832	6.366	3.999E-10	-34.502	0.000	0.000E+00	17.771	3.554	6.959E-11
50	13.062	2.612	2.763E-11	40.409	8.082	8.181E-10	29.870	5.974	3.305E-10	32.698	6.540	4.335E-10	17.328	3.466	6.451E-11	67.907	13.581	3.883E-09	10.932	2.186	1.620E-11
51	5.102	1.020	1.647E-12	55.278	11.056	2.094E-09	8.527	1.705	7.689E-12	98.400	19.680	1.181E-08	54.344	10.869	1.990E-09	44.608	8.922	1.101E-09	9.942	1.988	1.219E-11
52	28.968	5.794	3.014E-10	34.111	6.822	4.921E-10	31.295	6.259	3.800E-10	10.116	2.023	1.284E-11	32.826	6.565	4.386E-10	50.312	10.062	1.579E-09	11.721	2.344	1.997E-11
53	66.390	13.278	3.628E-09	71.718	14.344	4.574E-09	49.054	9.811	1.464E-09	71.012	14.202	4.440E-09	50.524	10.105	1.599E-09	4.921	0.984	1.477E-12	10.618	2.124	1.484E-11
54	28.732	5.746	2.941E-10	60.326	12.065	2.722E-09	19.326	3.865	8.950E-11	60.828	12.166	2.791E-09	48.733	9.747	1.435E-09	46.543	9.309	1.250E-09	12.076	2.415	2.184E-11
55	24.638	4.928	1.855E-10	44.998	9.000	1.130E-09	89.435	17.887	8.870E-09	74.118	14.824	5.049E-09	51.084	10.217	1.653E-09	34.469	6.894	5.078E-10	12.768	2.554	2.581E-11
56	28.779	5.756	2.955E-10	22.550	4.510	1.422E-10	24.230	4.846	1.764E-10	50.726	10.145	1.618E-09	34.558	6.912	5.117E-10	24.052	4.810	1.725E-10	14.836	2.967	4.049E-11
57	7.155	1.431	4.542E-12	26.710	5.342	2.363E-10	24.273	4.855	1.773E-10	34.956	6.991	5.296E-10	28.078	5.616	2.745E-10	18.775	3.755	8.207E-11	11.832	2.366	2.054E-11
58	26.618	5.324	2.339E-10	62.932	12.586	3.090E-09	35.823	7.165	5.700E-10	28.926	5.785	3.001E-10	57.443	11.489	2.350E-09	37.580	7.516	6.580E-10	12.751	2.550	2.571E-11
59	47.898	9.580	1.363E-09	107.215	21.443	1.528E-08	71.041	14.208	4.445E-09	44.553	8.911	1.097E-09	41.071	8.214	8.590E-10	39.419	7.884	7.595E-10	11.082	2.216	1.687E-11
60	54.032	10.806	1.956E-09	32.685	6.537	4.329E-10	40.168	8.034	8.036E-10	33.470	6.694	4.649E-10	27.384	5.477	2.546E-10	52.858	10.572	1.831E-09	17.397	3.479	6.529E-11
61	62.624	12.525	3.045E-09	73.757	14.751	4.975E-09	36.533	7.307	6.046E-10	33.085	6.617	4.490E-10	7.221	1.444	4.669E-12	35.527	7.105	5.560E-10	12.743	2.549	2.566E-11
62	-39.961	0.000	0.000E+00	39.049	7.810	7.383E-10	82.427	16.485	6.944E-09	129.103	25.821	2.668E-08	28.985	5.797	3.019E-10	56.445	11.289	2.230E-09	10.886	2.177	1.600E-11
63	31.892	6.378	4.022E-10	30.648	6.130	3.569E-10	42.129	8.426	9.271E-10	-107.316	0.000	0.000E+00	23.039	4.608	1.516E-10	46.640	9.328	1.258E-09	17.141	3.428	6.245E-11
64	39.251	7.850	7.498E-10	66.516	13.303	3.649E-09	65.799	13.160	3.532E-09	65.797	13.159	3.532E-09	39.698	7.940	7.757E-10	31.236	6.247	3.779E-10	14.037	2.807	3.430E-11
65	41.975	8.395	9.170E-10	29.200	5.840	3.087E-10	64.313	12.863	3.298E-09	74.857	14.971	5.201E-09	4.686	0.937	1.276E-12	62.569	12.514	3.037E-09	17.504	3.501	6.650E-11
66	53.167	10.633	1.863E-09	58.310	11.662	2.458E-09	35.042	7.008	5.335E-10	43.134	8.627	9.951E-10	80.776	16.155	6.535E-09	49.420	9.884	1.497E-09	13.427	2.685	3.002E-11
67	39.193	7.839	7.465E-10	51.106	10.221	1.655E-09	88.129	17.626	8.487E-09	42.738	8.548	9.679E-10	29.207	5.841	3.089E-10	37.372	7.474	6.472E-10	12.605	2.521	2.483E-11
68	23.533	4.707	1.616E-10	7.822	1.564	5.934E-12	53.649	10.730	1.915E-09	8.862	1.772	8.631E-12	45.338	9.068	1.156E-09	66.516	13.303	3.649E-09	13.092	2.618	2.782E-11
69	6.612	1.322	3.585E-12	66.198	13.240	3.597E-09	69.212	13.842	4.111E-09	33.513	6.703	4.667E-10	77.000	15.400	5.661E-09	68.146	13.629	3.924E-09	9.754	1.951	1.150E-11
70	52.874	10.575	1.833E-09	53.200	10.640	1.867E-09	38.838	7.768	7.264E-10	47.666	9.533	1.343E-09	3.423	0.685	4.973E-13	-15.777	0.000	0.000E+00	14.018	2.804	3.415E-11
71	12.556	2.511	2.455E-11	30.084	6.017	3.376E-10	70.328	14.066	4.313E-09	63.917	12.783	3.238E-09	41.074	8.215	8.592E-10	5.249	1.050	1.793E-12	12.555	2.511	2.454E-11
72	39.820	7.964	7.829E-10	79.993	15.999	6.347E-09	46.046	9.209	1.210E-09	42.783	8.557	9.710E-10	21.232	4.246	1.187E-10	22.411	4.482	1.396E-10	20.917	4.183	1.135E-10
73	52.824	10.565	1.828E-09	18.395	3.679	7.718E-11	-11.360	0.000	0.000E+00	24.405	4.881	1.802E-10	59.631	11.926	2.629E-09	50.636	10.127	1.610E-09	15.742	3.148	4.837E-11
74	27.313	5.463	2.526E-10	59.867	11.973	2.660E-09	70.662	14.132	4.375E-09	27.107	5.421	2.470E-10	29.478	5.896	3.176E-10	47.613	9.523	1.338E-09	9.372	1.874	1.021E-11
75	25.222	5.044	1.989E-10	37.734	7.547	6.662E-10	48.659	9.732	1.429E-09	46.325	9.265	1.233E-09	40.767	8.153	8.401E-10	39.827	7.965	7.833E-10	13.526	2.705	3.068E-11
76	23.801	4.760	1.672E-10	40.247	8.049	8.084E-10	36.736	7.347	6.147E-10	43.155	8.631	9.965E-10	44.803	8.961	1.115E-09	24.957	4.991	1.927E-10	11.247	2.249	1.764E-11
77	29.710	5.942	3.252E-10	35.727	7.145	5.654E-10	31.040	6.208	3.708E-10	70.319	14.064	4.311E-09	36.480	7.296	6.019E-10	40.390	8.078	8.170E-10	14.372	2.874	3.680E-11
78	24.899	4.980	1.914E-10	41.728	8.346	9.009E-10	64.079	12.816	3.262E-09	22.929	4.586	1.495E-10	67.428	13.486	3.801E-09	21.873	4.375	1.298E-10	14.484	2.897	3.767E-11
79	26.665	5.333	2.351E-10	83.608	16.722	7.247E-09	24.538	4.908	1.832E-10	25.072	5.014	1.954E-10	80.203	16.041	6.397E-09	58.970	11.794	2.543E-09	10.144	2.029	1.294E-11
80	38.881	7.776	7.288E-10	35.123	7.025	5.372E-10	7.600	1.520	5.443E-12	17.789	3.558	6.980E-11	51.637	10.327	1.707E-09	30.626	6.125	3.562E-10	14.607	2.921	3.864E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
81	42.122	8.424	9.266E-10	35.026	7.005	5.328E-10	77.705	15.541	5.818E-09	-21.178	0.000	0.000E+00	38.166	7.633	6.893E-10	48.941	9.788	1.454E-09	19.157	3.831	8.717E-11
82	11.573	2.315	1.922E-11	27.788	5.558	2.661E-10	84.629	16.926	7.515E-09	22.568	4.514	1.425E-10	38.646	7.729	7.157E-10	51.510	10.302	1.695E-09	12.387	2.477	2.357E-11
83	43.169	8.634	9.975E-10	47.724	9.545	1.348E-09	27.499	5.500	2.578E-10	59.206	11.841	2.573E-09	73.469	14.694	4.917E-09	37.734	7.547	6.662E-10	14.961	2.992	4.152E-11
84	44.960	8.992	1.127E-09	61.094	12.219	2.827E-09	22.402	4.480	1.394E-10	49.464	9.893	1.501E-09	36.431	7.286	5.995E-10	40.095	8.019	7.992E-10	21.792	4.358	1.283E-10
85	18.465	3.693	7.806E-11	95.958	19.192	1.096E-08	45.893	9.179	1.198E-09	77.063	15.413	5.674E-09	38.072	7.614	6.842E-10	56.308	11.262	2.214E-09	13.808	2.762	3.264E-11
86	27.544	5.509	2.591E-10	65.418	13.084	3.471E-09	50.444	10.089	1.592E-09	-8.436	0.000	0.000E+00	86.276	17.255	7.963E-09	34.591	6.918	5.132E-10	10.032	2.006	1.252E-11
87	51.235	10.247	1.668E-09	21.450	4.290	1.224E-10	82.541	16.508	6.973E-09	21.189	4.238	1.180E-10	-32.581	0.000	0.000E+00	58.486	11.697	2.481E-09	11.959	2.392	2.120E-11
88	20.994	4.199	1.147E-10	31.553	6.311	3.895E-10	57.069	11.414	2.305E-09	75.661	15.132	5.370E-09	57.014	11.403	2.298E-09	-3.975	0.000	0.000E+00	9.456	1.891	1.048E-11
89	82.072	16.414	6.854E-09	62.156	12.431	2.977E-09	37.666	7.533	6.626E-10	67.196	13.439	3.762E-09	-107.511	0.000	0.000E+00	40.504	8.101	8.239E-10	16.376	3.275	5.445E-11
90	64.893	12.979	3.388E-09	33.504	6.701	4.663E-10	-36.111	0.000	0.000E+00	77.801	15.560	5.839E-09	71.941	14.388	4.617E-09	36.854	7.371	6.206E-10	9.309	1.862	1.000E-11
91	72.616	14.523	4.748E-09	65.294	13.059	3.452E-09	62.027	12.405	2.959E-09	71.078	14.216	4.452E-09	76.510	15.302	5.553E-09	53.368	10.674	1.885E-09	14.973	2.995	4.162E-11
92	37.354	7.471	6.463E-10	41.959	8.392	9.160E-10	51.647	10.329	1.708E-09	45.606	9.121	1.176E-09	36.346	7.269	5.953E-10	40.302	8.060	8.117E-10	9.584	1.917	1.092E-11
93	95.572	19.114	1.082E-08	75.802	15.160	5.401E-09	21.893	4.379	1.301E-10	31.907	6.381	4.027E-10	52.087	10.417	1.752E-09	2.457	0.491	1.840E-13	10.986	2.197	1.644E-11
94	65.061	13.012	3.415E-09	35.503	7.101	5.549E-10	23.317	4.663	1.572E-10	40.289	8.058	8.109E-10	35.503	7.101	5.548E-10	39.918	7.984	7.887E-10	-7.054	0.000	0.000E+00
95	75.472	15.094	5.330E-09	26.413	5.283	2.285E-10	-34.054	0.000	0.000E+00	40.234	8.047	8.076E-10	51.603	10.321	1.704E-09	72.437	14.487	4.713E-09	26.174	5.235	2.223E-10
96	43.545	8.709	1.024E-09	95.220	19.044	1.070E-08	60.470	12.094	2.742E-09	62.107	12.421	2.970E-09	78.316	15.663	5.956E-09	19.186	3.837	8.757E-11	10.013	2.003	1.245E-11
97	54.505	10.901	2.008E-09	34.837	6.967	5.242E-10	56.370	11.274	2.221E-09	43.957	8.791	1.053E-09	39.443	7.889	7.608E-10	38.020	7.604	6.815E-10	18.811	3.762	8.253E-11
98	37.823	7.565	6.709E-10	23.085	4.617	1.525E-10	39.672	7.934	7.742E-10	-4.014	0.000	0.000E+00	42.897	8.579	9.788E-10	62.196	12.439	2.983E-09	-15.981	0.000	0.000E+00
99	44.798	8.960	1.115E-09	48.360	9.672	1.402E-09	72.450	14.490	4.715E-09	40.052	8.010	7.967E-10	61.813	12.363	2.928E-09	-45.718	0.000	0.000E+00	14.602	2.920	3.860E-11
100	47.457	9.491	1.325E-09	208.222	41.644	1.119E-07	110.464	22.093	1.671E-08	93.872	18.774	1.026E-08	-46.367	0.000	0.000E+00	40.578	8.116	8.285E-10	10.062	2.012	1.263E-11
101	47.877	9.575	1.361E-09	29.172	5.834	3.078E-10	76.206	15.241	5.487E-09	69.875	13.975	4.230E-09	63.048	12.610	3.107E-09	39.680	7.936	7.747E-10	8.675	1.735	8.093E-12
102	71.213	14.243	4.478E-09	84.932	16.986	7.596E-09	40.298	8.060	8.114E-10	30.685	6.137	3.582E-10	16.669	3.334	5.743E-11	42.071	8.414	9.233E-10	10.774	2.155	1.551E-11
103	46.658	9.332	1.259E-09	58.964	11.793	2.542E-09	77.992	15.598	5.882E-09	41.856	8.371	9.092E-10	3.552	0.710	5.558E-13	32.526	6.505	4.267E-10	11.985	2.397	2.135E-11
104	28.274	5.655	2.802E-10	64.579	12.916	3.339E-09	59.129	11.826	2.563E-09	99.120	19.824	1.207E-08	-67.633	0.000	0.000E+00	55.845	11.169	2.160E-09	11.119	2.224	1.705E-11
105	64.385	12.877	3.309E-09	72.397	14.479	4.705E-09	-0.626	0.000	0.000E+00	34.466	6.893	5.077E-10	55.333	11.067	2.101E-09	26.809	5.362	2.389E-10	12.678	2.536	2.527E-11
106	76.466	15.293	5.544E-09	88.247	17.649	8.521E-09	45.239	9.048	1.148E-09	44.385	8.877	1.084E-09	66.342	13.268	3.620E-09	32.875	6.575	4.405E-10	13.808	2.762	3.264E-11
107	41.072	8.214	8.591E-10	69.257	13.851	4.119E-09	38.394	7.679	7.018E-10	69.853	13.971	4.226E-09	21.611	4.322	1.251E-10	61.495	12.299	2.883E-09	14.393	2.879	3.697E-11
108	28.128	5.626	2.759E-10	66.933	13.387	3.718E-09	49.983	9.997	1.548E-09	80.327	16.065	6.427E-09	83.286	16.657	7.163E-09	50.127	10.025	1.562E-09	5.957	1.191	2.621E-12
109	23.704	4.741	1.651E-10	63.216	12.643	3.132E-09	56.833	11.367	2.276E-09	35.322	7.064	5.464E-10	81.019	16.204	6.594E-09	57.352	11.470	2.339E-09	10.618	2.124	1.484E-11
110	71.913	14.383	4.611E-09	47.498	9.500	1.329E-09	3.750	0.750	6.538E-13	46.555	9.311	1.251E-09	48.991	9.798	1.458E-09	37.266	7.453	6.417E-10	8.992	1.798	9.016E-12
111	34.089	6.818	4.912E-10	42.229	8.446	9.338E-10	82.987	16.597	7.086E-09	29.989	5.998	3.344E-10	107.676	21.535	1.548E-08	47.085	9.417	1.294E-09	14.749	2.950	3.978E-11
112	43.488	8.698	1.020E-09	64.338	12.868	3.302E-09	77.228	15.446	5.711E-09	56.505	11.301	2.237E-09	39.970	7.994	7.917E-10	37.501	7.500	6.539E-10	10.106	2.021	1.280E-11
113	34.004	6.801	4.875E-10	74.513	14.903	5.130E-09	73.993	14.799	5.023E-09	81.668	16.334	6.754E-09	65.746	13.149	3.524E-09	65.938	13.188	3.555E-09	11.027	2.205	1.663E-11
114	60.772	12.154	2.783E-09	72.268	14.454	4.680E-09	53.050	10.610	1.851E-09	80.252	16.050	6.408E-09	72.333	14.467	4.693E-09	50.091	10.018	1.558E-09	14.735	2.947	3.967E-11
115	53.116	10.623	1.858E-09	57.597	11.519	2.369E-09	60.498	12.100	2.745E-09	34.024	6.805	4.883E-10	28.853	5.771	2.978E-10	57.525	11.505	2.360E-09	17.359	3.472	6.486E-11
116	47.998	9.600	1.371E-09	63.811	12.762	3.222E-09	50.665	10.133	1.613E-09	37.428	7.486	6.501E-10	19.661	3.932	9.424E-11	39.889	7.978	7.869E-10	15.233	3.047	4.383E-11
117	40.650	8.130	8.329E-10	21.292	4.258	1.197E-10	43.505	8.701	1.021E-09	57.900	11.580	2.407E-09	78.443	15.689	5.985E-09	26.965	5.393	2.431E-10	9.182	1.836	9.599E-12
118	25.906	5.181	2.156E-10	45.335	9.067	1.155E-09	53.742	10.748	1.925E-09	78.255	15.651	5.942E-09	86.540	17.308	8.036E-09	56.508	11.302	2.237E-09	12.193	2.439	2.248E-11
119	51.654	10.331	1.709E-09	39.043	7.809	7.379E-10	7.381	1.476	4.985E-12	50.559	10.112	1.602E-09	-56.019	0.000	0.000E+00	29.879	5.976	3.308E-10	11.489	2.298	1.880E-11
120	33.133	6.627	4.510E-10	63.003	12.601	3.101E-09	62.154	12.431	2.977E-09	86.695	17.339	8.079E-09	42.113	8.423	9.261E-10	42.001	8.400	9.187E-10	14.880	2.976	4.085E-11
121	47.479	9.496	1.327E-09	37.386	7.477	6.479E-10	57.142	11.428	2.313E-09	-49.124	0.000	0.000E+00	45.382	9.076	1.159E-09	47.755	9.551	1.350E-09	10.404	2.081	1.396E-11
122	-29.284	0.000	0.000E+00	75.769	15.154	5.393E-09	37.697	7.539	6.642E-10	74.148	14.830	5.055E-09	63.438	12.688	3.165E-09	37.701	7.540	6.644E-10	13.826	2.765	3.277E-11
123	69.870	13.974	4.229E-09	-25.501	0.000	0.000E+00	30.361	6.072	3.470E-10	60.204	12.041	2.706E-09	67.499	13.500	3.813E-09	42.800	8.560	9.721E-10	15.550	3.110	4.662E-11
124	39.067	7.813	7.393E-10	59.641	11.928	2.630E-09	63.096	12.619	3.115E-09	54.134	10.827	1.967E-09	74.183	14.837	5.062E-09	33.228	6.646	4.549E-10	9.563	1.913	1.084E-11
125	66.085	13.217	3.579E-09	-49.077	0.000	0.000E+00	64.578	12.916	3.339E-09	92.764	6.553	4.361E-10	66.079	13.216	3.578E-09	58.948					

Data: Flyover 1 - Span 9 (25.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
126	144.687	28.937	3.756E-08	51.402	10.280	1.684E-09	57.164	11.433	2.316E-09	26.242	5.248	2.241E-10	36.573	7.315	6.066E-10	68.728	13.746	4.025E-09	10.407	2.081	1.398E-11
127	31.841	6.368	4.003E-10	86.826	17.365	8.116E-09	79.802	15.960	6.301E-09	62.627	12.525	3.046E-09	58.526	11.705	2.486E-09	26.620	5.324	2.339E-10	12.313	2.463	2.315E-11
128	-22.593	0.000	0.000E+00	31.055	6.211	3.714E-10	64.842	12.968	3.380E-09	32.746	6.549	4.354E-10	19.173	3.835	8.739E-11	65.888	13.178	3.547E-09	17.665	3.533	6.835E-11
129	15.986	3.197	5.065E-11	81.667	16.333	6.754E-09	70.154	14.031	4.281E-09	38.758	7.752	7.219E-10	39.789	7.958	7.811E-10	4.582	0.916	1.193E-12	16.322	3.264	5.391E-11
130	56.638	11.328	2.253E-09	35.976	7.195	5.773E-10	52.081	10.416	1.752E-09	43.215	8.643	1.001E-09	37.531	7.506	6.555E-10	58.419	11.684	2.472E-09	-7.489	0.000	0.000E+00
131	28.568	5.714	2.891E-10	24.760	4.952	1.882E-10	-23.180	0.000	0.000E+00	36.790	7.358	6.174E-10	54.041	10.808	1.957E-09	62.302	12.460	2.998E-09	14.658	2.932	3.905E-11
132	34.238	6.848	4.976E-10	39.862	7.972	7.854E-10	28.904	5.781	2.994E-10	37.406	7.481	6.489E-10	25.451	5.090	2.044E-10	18.338	3.668	7.647E-11	15.863	3.173	4.949E-11
133	30.336	6.067	3.462E-10	24.696	4.939	1.868E-10	4.675	0.935	1.267E-12	17.318	3.464	6.440E-11	44.042	8.808	1.059E-09	25.813	5.163	2.133E-10	18.835	3.767	8.285E-11
134	62.893	12.579	3.085E-09	47.789	9.558	1.353E-09	55.642	11.128	2.136E-09	73.877	14.775	4.999E-09	4.695	0.939	1.283E-12	68.035	13.607	3.905E-09	20.278	4.056	1.034E-10
135	36.350	7.270	5.955E-10	36.535	7.307	6.046E-10	17.846	3.569	7.048E-11	61.952	12.390	2.948E-09	51.848	10.370	1.728E-09	-20.464	0.000	0.000E+00	20.559	4.112	1.077E-10
136	30.174	6.035	3.406E-10	63.234	12.647	3.135E-09	-45.071	0.000	0.000E+00	35.106	7.021	5.365E-10	40.131	8.026	8.014E-10	4.775	0.955	1.350E-12	8.506	1.701	7.631E-12
137	72.581	14.516	4.741E-09	47.847	9.569	1.358E-09	120.344	24.069	2.161E-08	44.763	8.953	1.112E-09	60.697	12.139	2.773E-09	9.661	1.932	1.118E-11	15.293	3.059	4.435E-11
138	34.993	6.999	5.313E-10	53.773	10.755	1.928E-09	86.527	17.305	8.032E-09	23.103	4.621	1.529E-10	65.006	13.001	3.406E-09	41.346	8.269	8.764E-10	23.024	4.605	1.513E-10
139	31.821	6.364	3.995E-10	36.893	7.379	6.226E-10	56.073	11.215	2.186E-09	73.691	14.738	4.962E-09	32.454	6.491	4.238E-10	9.986	1.997	1.235E-11	9.997	1.999	1.239E-11
140	46.338	9.268	1.234E-09	53.703	10.741	1.920E-09	59.928	11.986	2.669E-09	37.709	7.542	6.649E-10	70.366	14.073	4.320E-09	33.802	6.760	4.789E-10	15.046	3.009	4.223E-11
141	-41.423	0.000	0.000E+00	69.599	13.920	4.180E-09	42.587	8.517	9.577E-10	67.204	13.441	3.763E-09	43.217	8.643	1.001E-09	5.245	1.049	1.789E-12	10.285	2.057	1.349E-11
142	34.533	6.907	5.106E-10	59.625	11.925	2.628E-09	71.191	14.238	4.474E-09	58.242	11.648	2.450E-09	-63.435	0.000	0.000E+00	23.453	4.691	1.600E-10	12.177	2.435	2.239E-11
143	53.629	10.726	1.912E-09	124.331	24.866	2.383E-08	-64.328	0.000	0.000E+00	53.453	10.691	1.894E-09	40.314	8.063	8.124E-10	39.852	7.970	7.848E-10	20.497	4.099	1.068E-10
144	36.477	7.295	6.018E-10	76.351	15.270	5.519E-09	-27.823	0.000	0.000E+00	65.743	13.149	3.523E-09	41.740	8.348	9.016E-10	29.423	5.885	3.158E-10	13.477	2.695	3.035E-11
145	11.675	2.335	1.973E-11	58.248	11.650	2.450E-09	80.128	16.026	6.379E-09	53.199	10.640	1.867E-09	62.837	12.567	3.076E-09	29.660	5.932	3.235E-10	6.121	1.224	2.844E-12
146	28.897	5.779	2.992E-10	50.069	10.014	1.556E-09	52.143	10.429	1.758E-09	43.498	8.700	1.020E-09	38.819	7.764	7.253E-10	40.180	8.036	8.043E-10	6.610	1.322	3.581E-12
147	54.684	10.937	2.028E-09	45.125	9.025	1.139E-09	-40.439	0.000	0.000E+00	32.740	6.548	4.351E-10	-67.937	0.000	0.000E+00	22.470	4.494	1.407E-10	9.672	1.934	1.122E-11
148	63.772	12.754	3.216E-09	78.573	15.715	6.015E-09	102.677	20.535	1.342E-08	-36.571	0.000	0.000E+00	42.640	8.528	9.613E-10	42.872	8.574	9.707E-10	13.723	2.745	3.205E-11
149	38.704	7.741	7.189E-10	48.257	9.651	1.393E-09	69.936	13.987	4.241E-09	39.757	7.951	7.792E-10	-2.867	0.000	0.000E+00	38.209	7.642	6.916E-10	22.267	4.453	1.369E-10
150	21.656	4.331	1.259E-10	41.283	8.257	8.724E-10	62.919	12.584	3.088E-09	60.093	12.019	2.691E-09	50.471	10.094	1.594E-09	46.799	9.360	1.271E-09	10.859	2.172	1.588E-11
151	67.692	13.538	3.846E-09	61.271	12.254	2.852E-09	41.053	8.211	8.579E-10	53.157	10.631	1.862E-09	65.699	13.140	3.516E-09	28.616	5.723	2.906E-10	9.207	1.841	9.678E-12
152	46.624	9.325	1.257E-09	58.797	11.759	2.520E-09	61.784	12.357	2.924E-09	50.174	10.035	1.566E-09	35.923	7.185	5.748E-10	50.232	10.046	1.572E-09	9.522	1.904	1.071E-11
153	40.803	8.161	8.423E-10	54.255	10.851	1.980E-09	39.776	7.955	7.803E-10	63.754	12.751	3.213E-09	57.756	11.551	2.389E-09	12.135	2.427	2.216E-11	8.446	1.689	7.470E-12
154	-61.630	0.000	0.000E+00	64.409	12.882	3.313E-09	66.645	13.329	3.670E-09	-59.687	0.000	0.000E+00	53.506	10.701	1.899E-09	31.287	6.257	3.797E-10	11.165	2.233	1.726E-11
155	78.277	15.655	5.947E-09	24.478	4.896	1.819E-10	63.924	12.785	3.239E-09	48.287	9.657	1.396E-09	33.614	6.723	4.709E-10	5.822	1.164	2.447E-12	28.919	5.784	2.999E-10
156	32.450	6.490	4.237E-10	42.227	8.445	9.336E-10	60.694	12.139	2.772E-09	42.484	8.497	9.508E-10	27.482	5.496	2.573E-10	6.686	1.337	3.705E-12	11.435	2.287	1.854E-11
157	-63.903	0.000	0.000E+00	66.346	13.269	3.621E-09	61.894	12.379	2.940E-09	45.742	9.148	1.187E-09	58.687	11.737	2.506E-09	29.802	5.960	3.282E-10	11.359	2.272	1.817E-11
158	27.466	5.493	2.569E-10	53.440	10.688	1.892E-09	49.633	9.927	1.516E-09	34.884	6.977	5.264E-10	56.583	11.317	2.246E-09	41.044	8.209	8.573E-10	7.906	1.581	6.127E-12
159	42.812	8.562	9.729E-10	41.933	8.387	9.143E-10	36.991	7.398	6.276E-10	79.535	15.907	6.238E-09	65.018	13.004	3.408E-09	36.089	7.218	5.828E-10	11.256	2.251	1.768E-11
160	45.425	9.085	1.162E-09	16.512	3.302	5.582E-11	-73.711	0.000	0.000E+00	107.287	21.457	1.531E-08	50.660	10.132	1.612E-09	3.230	0.646	4.178E-13	9.666	1.933	1.120E-11
161	74.581	14.916	5.144E-09	50.296	10.059	1.578E-09	171.223	34.245	6.224E-08	24.446	4.889	1.811E-10	31.490	6.298	3.872E-10	61.584	12.317	2.896E-09	16.209	3.242	5.280E-11
162	27.005	5.401	2.442E-10	59.346	11.869	2.592E-09	23.579	4.716	1.625E-10	145.766	29.153	3.840E-08	64.838	12.968	3.380E-09	4.513	0.903	1.140E-12	15.176	3.035	4.333E-11
163	46.984	9.397	1.286E-09	23.399	4.680	1.588E-10	24.761	4.952	1.882E-10	83.525	16.705	7.225E-09	41.039	8.208	8.570E-10	54.568	10.914	2.015E-09	12.478	2.496	2.409E-11
164	55.600	11.120	2.131E-09	45.264	9.053	1.150E-09	59.492	11.898	2.611E-09	70.974	14.195	4.433E-09	16.620	3.324	5.693E-11	25.894	5.179	2.153E-10	22.061	4.412	1.331E-10
165	16.177	3.235	5.249E-11	22.313	4.463	1.377E-10	23.981	4.796	1.710E-10	68.182	13.636	3.930E-09	34.827	6.965	5.238E-10	4.709	0.942	1.295E-12	16.380	3.276	5.449E-11
166	25.743	5.149	2.115E-10	61.849	12.370	2.934E-09	36.882	7.376	6.221E-10	56.260	11.252	2.208E-09	60.982	12.196	2.812E-09	40.733	8.147	8.380E-10	8.212	1.642	6.867E-12
167	34.239	6.848	4.977E-10	47.261	9.452	1.309E-09	32.213	6.443	4.145E-10	69.405	13.881	4.145E-09	67.822	13.564	3.868E-09	50.896	10.179	1.635E-09	15.564	3.113	4.675E-11
168	40.785	8.157	8.412E-10	36.155	7.231	5.860E-10	103.802	20.760	1.387E-08	39.078	7.816	7.399E-10	52.381	10.476	1.782E-09	5.636	1.127	2.220E-12	23.134	4.627	1.535E-10
169	48.245	9.649	1.392E-09	64.150	12.830	3.273E-09	51.813	10.363	1.725E-09	28.586	5.717	2.896E-10	21.198	4.240	1.181E-10	10.021	2.004	1.248E-11	13.788	2.758	3.250E-11
170	32.517	6.503	4.263E-10	39.414	7.883	7.592E-10	38.534	7.707	7.095E-10	-21.206	0.000	0.000E+00	78.755	15.751	6.056E-09	2.810	0				

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
171	26.208	5.242	2.232E-10	73.858	14.772	4.996E-09	10.590	2.118	1.473E-11	61.672	12.334	2.908E-09	55.245	11.049	2.091E-09	49.084	9.817	1.466E-09	42.260	8.452	9.358E-10
172	29.816	5.963	3.287E-10	48.575	9.715	1.421E-09	67.233	13.447	3.768E-09	56.376	11.275	2.222E-09	32.883	6.577	4.409E-10	5.009	1.002	1.559E-12	19.349	3.870	8.981E-11
173	51.142	10.228	1.659E-09	45.133	9.027	1.140E-09	32.578	6.516	4.287E-10	69.179	13.836	4.105E-09	63.887	12.777	3.233E-09	54.952	10.990	2.057E-09	11.283	2.257	1.781E-11
174	38.407	7.681	7.025E-10	8.133	1.627	6.670E-12	40.359	8.072	8.151E-10	25.997	5.199	2.178E-10	100.240	20.048	1.249E-08	8.935	1.787	8.845E-12	15.114	3.023	4.281E-11
175	19.180	3.836	8.748E-11	51.442	10.288	1.688E-09	41.079	8.216	8.595E-10	58.683	11.737	2.506E-09	37.572	7.514	6.576E-10	42.257	8.451	9.356E-10	20.300	4.060	1.037E-10
176	40.776	8.155	8.406E-10	23.800	4.760	1.672E-10	46.250	9.250	1.227E-09	16.027	3.205	5.104E-11	57.179	11.436	2.318E-09	26.946	5.389	2.426E-10	10.381	2.076	1.387E-11
177	40.740	8.148	8.384E-10	58.039	11.608	2.424E-09	87.936	17.587	8.431E-09	63.721	12.744	3.208E-09	8.009	1.602	6.371E-12	26.908	5.382	2.416E-10	16.572	3.314	5.643E-11
178	18.698	3.740	8.106E-11	41.848	8.370	9.087E-10	32.640	6.528	4.312E-10	-2.316	0.000	0.000E+00	58.975	11.795	2.543E-09	-8.272	0.000	0.000E+00	10.908	2.182	1.609E-11
179	21.436	4.287	1.221E-10	43.966	8.793	1.054E-09	54.383	10.877	1.994E-09	78.131	15.626	5.914E-09	10.505	2.101	1.437E-11	23.793	4.759	1.670E-10	16.303	3.261	5.373E-11
180	62.793	12.559	3.070E-09	65.357	13.071	3.462E-09	112.626	22.525	1.771E-08	50.049	10.010	1.554E-09	30.330	6.066	3.459E-10	36.079	7.216	5.823E-10	16.867	3.373	5.950E-11
181	26.167	5.233	2.221E-10	66.157	13.231	3.590E-09	36.955	7.391	6.257E-10	22.642	4.528	1.439E-10	41.976	8.395	9.171E-10	4.809	0.962	1.379E-12	11.200	2.240	1.742E-11
182	103.077	20.615	1.358E-08	27.982	5.596	2.717E-10	40.291	8.058	8.110E-10	7.068	1.414	4.379E-12	3.705	0.741	6.304E-13	6.246	1.249	3.021E-12	12.360	2.472	2.341E-11
183	16.435	3.287	5.504E-11	61.735	12.347	2.917E-09	26.122	5.224	2.210E-10	56.346	11.269	2.218E-09	32.815	6.563	4.381E-10	7.922	1.584	6.165E-12	12.930	2.586	2.680E-11
184	46.143	9.229	1.218E-09	75.876	15.175	5.416E-09	-38.003	0.000	0.000E+00	27.495	5.499	2.577E-10	36.810	7.362	6.184E-10	10.389	2.078	1.391E-11	16.060	3.212	5.136E-11
185	55.816	11.163	2.156E-09	55.099	11.020	2.074E-09	63.424	12.685	3.163E-09	67.746	13.549	3.855E-09	44.936	8.987	1.125E-09	35.041	7.008	5.335E-10	12.716	2.543	2.550E-11
186				38.635	7.727	7.150E-10	79.145	15.829	6.147E-09	67.319	13.464	3.783E-09	35.104	7.021	5.364E-10	7.770	1.554	5.816E-12	12.903	2.581	2.663E-11
187				31.862	6.372	4.010E-10	46.212	9.242	1.224E-09	60.014	12.003	2.680E-09	58.540	11.708	2.487E-09	-2.694	0.000	0.000E+00	18.618	3.724	8.002E-11
188				42.026	8.405	9.203E-10	3.192	0.638	4.033E-13	44.864	8.973	1.120E-09	17.351	3.470	6.477E-11	18.646	3.729	8.038E-11	5.128	1.026	1.672E-12
189				76.236	15.247	5.494E-09	23.677	4.735	1.646E-10	28.703	5.741	2.932E-10	50.095	10.019	1.559E-09	7.572	1.514	5.383E-12	10.522	2.104	1.445E-11
190				42.739	8.548	9.679E-10	18.073	3.615	7.319E-11	53.481	10.696	1.897E-09	3.173	0.635	3.962E-13	5.999	1.200	2.677E-12	15.819	3.164	4.908E-11
191				65.846	13.169	3.540E-09	40.731	8.146	8.379E-10	39.479	7.896	7.630E-10	65.294	13.059	3.451E-09	25.192	5.038	1.982E-10	16.619	3.324	5.691E-11
192				67.798	13.560	3.864E-09	61.305	12.261	2.857E-09	76.279	15.256	5.503E-09	-26.397	0.000	0.000E+00	-8.664	0.000	0.000E+00	10.089	2.018	1.273E-11
193				30.456	6.091	3.503E-10	3.801	0.760	6.809E-13	101.971	20.394	1.315E-08	3.796	0.759	6.785E-13	31.242	6.248	3.781E-10	12.257	2.451	2.283E-11
194				42.087	8.417	9.243E-10	8.727	1.745	8.241E-12	47.985	9.597	1.370E-09	-4.498	0.000	0.000E+00	6.132	1.226	2.859E-12	8.616	1.723	7.932E-12
195				55.333	11.067	2.101E-09	67.567	13.513	3.825E-09	56.704	11.341	2.261E-09	64.949	12.990	3.397E-09	51.452	10.290	1.689E-09	25.609	5.122	2.083E-10
196				37.869	7.574	6.734E-10	47.271	9.454	1.310E-09	42.529	8.506	9.538E-10	62.203	12.441	2.984E-09	20.637	4.127	1.090E-10	20.001	4.000	9.921E-11
197				27.888	5.578	2.689E-10	4.458	0.892	1.098E-12	72.321	14.464	4.690E-09	67.749	13.550	3.856E-09	38.852	7.770	7.272E-10	19.988	3.998	9.902E-11
198				61.922	12.384	2.944E-09	3.367	0.673	4.731E-13	60.079	12.016	2.689E-09	35.251	7.050	5.431E-10	25.489	5.098	2.053E-10	5.824	1.165	2.449E-12
199				23.402	4.680	1.589E-10	8.774	1.755	8.375E-12	25.646	5.129	2.092E-10	76.080	15.216	5.460E-09	6.871	1.374	4.021E-12	-5.321	0.000	0.000E+00
200				7.795	1.559	5.872E-12	34.841	6.968	5.244E-10	45.851	9.170	1.195E-09	64.931	12.986	3.394E-09	46.670	9.334	1.260E-09	34.271	6.854	4.991E-10
201				52.109	10.422	1.754E-09	3.814	0.763	6.880E-13	39.837	7.967	7.839E-10	44.778	8.956	1.113E-09	13.313	2.663	2.926E-11	12.877	2.575	2.648E-11
202				58.339	11.668	2.462E-09	27.564	5.513	2.597E-10	57.389	11.478	2.344E-09	36.645	7.329	6.101E-10	22.611	4.522	1.433E-10	15.987	3.197	5.066E-11
203				25.307	5.061	2.010E-10	25.200	5.040	1.984E-10	55.453	11.091	2.114E-09	67.976	13.595	3.895E-09	49.667	9.933	1.519E-09	10.660	2.132	1.502E-11
204				64.108	12.822	3.267E-09	12.827	2.565	2.617E-11	29.580	5.916	3.209E-10	59.611	7.812	7.389E-10	56.599	11.320	2.248E-09	13.833	2.767	3.282E-11
205				5.762	1.152	2.372E-12	38.969	7.794	7.337E-10	10.608	2.122	1.480E-11	59.531	11.906	2.616E-09	22.999	4.600	1.508E-10	19.433	3.887	9.099E-11
206				76.862	15.372	5.630E-09	41.463	8.293	8.838E-10	67.145	13.429	3.753E-09	8.369	1.674	7.269E-12	27.636	5.527	2.617E-10	9.667	1.933	1.120E-11
207				24.860	4.972	1.905E-10	8.572	1.714	7.809E-12	-34.653	0.000	0.000E+00	42.228	8.446	9.336E-10	61.014	12.203	2.816E-09	16.295	3.259	5.365E-11
208				69.864	13.973	4.228E-09	22.225	4.445	1.361E-10	60.590	12.118	2.758E-09	24.035	4.807	1.722E-10	34.858	6.972	5.252E-10	12.434	2.487	2.384E-11
209				63.457	12.691	3.168E-09	37.090	7.418	6.327E-10	66.416	13.283	3.632E-09	5.750	1.150	2.357E-12	23.042	4.608	1.517E-10	34.142	6.828	4.935E-10
210				35.183	7.037	5.400E-10	64.563	12.913	3.337E-09	62.259	12.452	2.992E-09	10.817	2.163	1.569E-11	5.882	1.176	2.523E-12	23.901	4.780	1.693E-10
211				43.702	8.740	1.035E-09	25.280	5.056	2.003E-10	29.164	5.833	3.076E-10	25.730	5.146	2.112E-10	50.938	10.188	1.639E-09	12.467	2.493	2.403E-11
212				26.195	5.239	2.229E-10	36.697	7.339	6.128E-10	8.978	1.796	8.972E-12	53.342	10.668	1.882E-09	27.021	5.404	2.446E-10	7.689	1.538	5.637E-12
213				-20.361	0.000	0.000E+00	25.406	5.081	2.033E-10	-45.624	0.000	0.000E+00	40.883	8.177	8.473E-10	24.607	4.921	1.847E-10	11.260	2.252	1.770E-11
214				8.492	1.698	7.594E-12	29.872	5.974	3.305E-10	21.755	4.351	1.277E-10	15.023	3.005	4.204E-11	49.199	9.840	1.477E-09	16.473	3.295	5.542E-11
215				26.679	5.336	2.355E-10	7.225	1.445	4.676E-12	36.560	7.312	6.059E-10	5.185	1.037	1.728E-12	26.213	5.243	2.233E-10	11.851	2.370	2.064E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
216				46.953	9.391	1.283E-09	37.574	7.515	6.577E-10	47.214	9.443	1.305E-09	58.612	11.722	2.497E-09	54.803	10.961	2.041E-09	19.691	3.938	9.467E-11
217				36.354	7.271	5.957E-10	2.595	0.519	2.168E-13	41.519	8.304	8.874E-10	23.274	4.655	1.563E-10	-11.390	0.000	0.000E+00	8.361	1.672	7.246E-12
218				27.292	5.458	2.521E-10	17.181	3.436	6.289E-11	14.679	2.936	3.922E-11	10.066	2.013	1.265E-11	95.883	19.177	1.093E-08	14.570	2.914	3.835E-11
219				29.626	5.925	3.224E-10	29.564	5.913	3.204E-10	36.668	7.334	6.113E-10	12.993	2.599	2.720E-11	35.934	7.187	5.753E-10	7.804	1.561	5.893E-12
220				7.858	1.572	6.017E-12	60.529	12.106	2.750E-09	65.216	13.043	3.439E-09	9.860	1.972	1.189E-11	31.918	6.384	4.032E-10	8.007	1.601	6.364E-12
221				6.318	1.264	3.127E-12	8.721	1.744	8.223E-12	9.495	1.899	1.061E-11	5.546	1.109	2.115E-12	48.243	9.649	1.392E-09	5.615	1.123	2.195E-12
222				30.134	6.027	3.393E-10	30.774	6.155	3.614E-10	21.946	4.389	1.310E-10	25.640	5.128	2.090E-10	9.901	1.980	1.204E-11	11.156	2.231	1.721E-11
223				43.859	8.772	1.046E-09	39.593	7.919	7.696E-10	26.389	5.278	2.279E-10	35.309	7.062	5.458E-10	10.800	2.160	1.562E-11	18.403	3.681	7.727E-11
224				25.504	5.101	2.057E-10	42.945	8.589	9.821E-10	55.974	11.195	2.175E-09	37.177	7.435	6.371E-10	5.627	1.125	2.209E-12	-8.362	0.000	0.000E+00
225				6.784	1.357	3.872E-12	51.424	10.285	1.686E-09	32.213	6.443	4.145E-10	28.143	5.629	2.764E-10	44.297	8.859	1.078E-09	7.610	1.522	5.465E-12
226				28.606	5.721	2.902E-10	43.327	8.665	1.009E-09	27.485	5.497	2.574E-10	6.253	1.251	3.031E-12	32.927	6.585	4.426E-10	8.259	1.652	6.986E-12
227				36.027	7.205	5.798E-10	28.774	5.755	2.954E-10	6.448	1.290	3.324E-12	9.467	1.893	1.052E-11	6.880	1.376	4.037E-12	8.176	1.635	6.777E-12
228				34.770	6.954	5.212E-10	22.630	4.526	1.437E-10	-3.823	0.000	0.000E+00	64.051	12.810	3.258E-09	56.845	11.369	2.278E-09	9.138	1.828	9.461E-12
229				21.637	4.327	1.256E-10	45.733	9.147	1.186E-09	23.282	4.656	1.565E-10	45.408	9.082	1.161E-09	-4.050	0.000	0.000E+00	14.994	2.999	4.180E-11
230				53.118	10.624	1.858E-09	38.836	7.767	7.262E-10	-16.340	0.000	0.000E+00	8.582	1.716	7.837E-12	36.807	7.361	6.183E-10	6.205	1.241	2.963E-12
231				28.892	5.778	2.990E-10	58.893	11.779	2.533E-09	8.035	1.607	6.433E-12	6.148	1.230	2.881E-12	28.218	5.644	2.786E-10	10.364	2.073	1.380E-11
232				12.549	2.510	2.450E-11	53.062	10.612	1.852E-09	7.996	1.599	6.339E-12	30.341	6.068	3.463E-10	52.529	10.506	1.797E-09	32.230	6.446	4.151E-10
233				33.750	6.750	4.767E-10	-44.933	0.000	0.000E+00	5.652	1.130	2.239E-12	5.806	1.161	2.427E-12	16.581	3.316	5.652E-11	21.220	4.244	1.185E-10
234				38.353	7.671	6.995E-10	4.805	0.961	1.376E-12	5.743	1.149	2.348E-12	-3.239	0.000	0.000E+00	57.327	11.465	2.336E-09	15.578	3.116	4.687E-11
235				13.887	2.777	3.321E-11	30.295	6.059	3.447E-10	29.363	5.873	3.139E-10	38.450	7.690	7.048E-10	9.882	1.976	1.197E-11	15.883	3.177	4.968E-11
236				40.238	8.048	8.078E-10	21.048	4.210	1.156E-10	13.274	2.655	2.900E-11	25.037	5.007	1.946E-10	39.514	7.903	7.650E-10	12.376	2.475	2.350E-11
237				41.342	8.268	8.761E-10	32.940	6.588	4.432E-10	32.061	6.412	4.086E-10	32.644	6.529	4.313E-10	23.377	4.675	1.584E-10	9.124	1.825	9.416E-12
238				27.521	5.504	2.584E-10	44.233	8.847	1.073E-09	31.605	6.321	3.914E-10	35.521	7.104	5.557E-10	46.511	9.302	1.248E-09	28.353	5.671	2.826E-10
239				31.876	6.375	4.016E-10	16.819	3.364	5.899E-11	-4.085	0.000	0.000E+00	26.953	5.391	2.428E-10	7.095	1.419	4.429E-12	6.952	1.390	4.167E-12
240				43.783	8.757	1.041E-09	32.785	6.557	4.369E-10	45.710	9.142	1.184E-09	49.924	9.985	1.543E-09	87.454	17.491	8.293E-09	11.093	2.219	1.693E-11
241				24.662	4.932	1.860E-10	3.964	0.793	7.723E-13	23.461	4.692	1.601E-10	5.604	1.121	2.182E-12	-4.477	0.000	0.000E+00	10.612	2.122	1.482E-11
242				36.668	7.334	6.113E-10	6.779	1.356	3.863E-12	9.077	1.815	9.272E-12	11.386	2.277	1.830E-11	4.581	0.916	1.192E-12	9.610	1.922	1.100E-11
243				6.264	1.253	3.048E-12	-3.980	0.000	0.000E+00	61.594	12.319	2.897E-09	3.692	0.738	6.239E-13	34.221	6.844	4.969E-10	12.033	2.407	2.160E-11
244				48.715	9.743	1.433E-09	10.942	2.188	1.624E-11	35.608	7.122	5.598E-10	-4.961	0.000	0.000E+00	43.266	8.653	1.004E-09	34.392	6.878	5.044E-10
245				17.927	3.585	7.144E-11	8.174	1.635	6.772E-12	24.158	4.832	1.748E-10	30.592	6.118	3.550E-10	23.347	4.669	1.578E-10	19.518	3.904	9.219E-11
246				27.315	5.463	2.527E-10	9.220	1.844	9.719E-12	10.035	2.007	1.253E-11	18.743	3.749	8.164E-11	93.966	18.793	1.029E-08	14.694	2.939	3.934E-11
247				30.791	6.158	3.619E-10	11.542	2.308	1.907E-11	24.375	4.875	1.796E-10	19.772	3.954	9.584E-11	21.678	4.336	1.263E-10	14.081	2.816	3.462E-11
248				29.003	5.801	3.025E-10	6.467	1.293	3.354E-12	-6.122	0.000	0.000E+00	-18.156	0.000	0.000E+00	26.272	5.254	2.248E-10	8.824	1.765	8.518E-12
249				14.904	2.981	4.105E-11	-6.508	0.000	0.000E+00	8.298	1.660	7.084E-12	11.233	2.247	1.757E-11	35.953	7.191	5.762E-10	14.714	2.943	3.950E-11
250				36.857	7.371	6.208E-10	49.355	9.871	1.491E-09	7.543	1.509	5.322E-12	31.521	6.304	3.883E-10	23.048	4.610	1.518E-10	36.731	7.346	6.144E-10
251				55.223	11.045	2.088E-09	26.439	5.288	2.292E-10	-21.313	0.000	0.000E+00	58.525	11.705	2.486E-09	8.351	1.670	7.222E-12	19.356	3.871	8.992E-11
252				36.836	7.367	6.197E-10	21.856	4.371	1.295E-10	4.514	0.903	1.141E-12	-4.152	0.000	0.000E+00	85.454	17.091	7.737E-09	14.501	2.900	3.781E-11
253				10.306	2.061	1.357E-11	9.491	1.898	1.060E-11	34.350	6.870	5.025E-10	31.340	6.268	3.817E-10	9.000	1.800	9.040E-12	11.549	2.310	1.910E-11
254				8.135	1.627	6.675E-12	46.264	9.253	1.228E-09	6.996	1.399	4.246E-12	20.355	4.071	1.046E-10	7.137	1.427	4.508E-12	16.447	3.289	5.516E-11
255				34.044	6.809	4.892E-10	12.861	2.572	2.638E-11	-21.670	0.000	0.000E+00	-5.115	0.000	0.000E+00	7.210	1.442	4.648E-12	17.574	3.515	6.730E-11
256				29.736	5.947	3.260E-10	7.080	1.416	4.400E-12	49.888	9.978	1.539E-09	27.675	5.535	2.628E-10	83.377	16.675	7.187E-09	12.092	2.418	2.192E-11
257				9.061	1.812	9.225E-12	22.780	4.556	1.466E-10	35.383	7.077	5.493E-10	6.359	1.272	3.189E-12	57.356	11.471	2.340E-09	9.544	1.909	1.078E-11
258				44.112	8.822	1.064E-09	7.609	1.522	5.462E-12	29.553	5.911	3.200E-10	24.407	4.881	1.803E-10	27.196	5.439	2.494E-10	10.463	2.093	1.420E-11
259				6.094	1.219	2.806E-12	31.712	6.342	3.954E-10	14.561	2.912	3.828E-11	12.767	2.553	2.580E-11	12.467	2.493	2.403E-11	13.468	2.694	3.029E-11
260				41.858	8.372	9.093E-10	8.191	1.638	6.814E-12	4.521	0.904	1.146E-12	21.202	4.240	1.182E-10	53.365	10.673	1.884E-09	22.565	4.513	1.425E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
261				10.493	2.099	1.433E-11	6.471	1.294	3.360E-12	26.091	5.218	2.202E-10	7.273	1.455	4.770E-12	16.778	3.356	5.857E-11	10.199	2.040	1.315E-11
262				15.700	3.140	4.798E-11	25.592	5.118	2.078E-10	9.830	1.966	1.178E-11	-12.605	0.000	0.000E+00	23.866	4.773	1.685E-10	11.362	2.272	1.819E-11
263				10.760	2.152	1.545E-11	27.810	5.562	2.667E-10	29.880	5.976	3.308E-10	5.728	1.146	2.331E-12	9.776	1.955	1.158E-11	18.320	3.664	7.624E-11
264				31.984	6.397	4.057E-10	-4.114	0.000	0.000E+00	64.711	12.942	3.360E-09	49.745	9.949	1.526E-09	21.282	4.256	1.195E-10	-7.086	0.000	0.000E+00
265				30.895	6.179	3.656E-10	4.376	0.875	1.039E-12	7.193	1.439	4.614E-12	20.620	4.124	1.087E-10	25.142	5.028	1.971E-10	11.438	2.288	1.855E-11
266				-5.443	0.000	0.000E+00	11.089	2.218	1.691E-11	27.580	5.516	2.601E-10	24.900	4.980	1.914E-10	29.693	5.939	3.246E-10	42.077	8.415	9.237E-10
267				21.737	4.347	1.273E-10	32.777	6.555	4.366E-10	9.315	1.863	1.002E-11	30.245	6.049	3.430E-10	6.326	1.265	3.138E-12	16.089	3.218	5.163E-11
268				25.946	5.189	2.166E-10	6.404	1.281	3.256E-12	9.685	1.937	1.126E-11	52.463	10.493	1.790E-09	56.688	11.338	2.259E-09	7.567	1.513	5.371E-12
269				9.397	1.879	1.029E-11	8.141	1.628	6.690E-12	-5.684	0.000	0.000E+00	30.123	6.025	3.389E-10	27.425	5.485	2.558E-10	9.463	1.893	1.051E-11
270				7.393	1.479	5.009E-12	29.322	5.864	3.126E-10	31.224	6.245	3.774E-10	24.007	4.801	1.715E-10	46.555	9.311	1.251E-09	9.972	1.994	1.229E-11
271				11.428	2.286	1.851E-11	6.507	1.301	3.416E-12	7.119	1.424	4.473E-12	25.832	5.166	2.137E-10	6.379	1.276	3.219E-12	15.496	3.099	4.613E-11
272				10.202	2.040	1.317E-11	5.182	1.036	1.726E-12	8.291	1.658	7.066E-12	21.244	4.249	1.189E-10	68.189	13.638	3.931E-09	14.028	2.806	3.423E-11
273				8.091	1.618	6.567E-12	-3.712	0.000	0.000E+00	18.441	3.688	7.776E-11	37.011	7.402	6.286E-10	4.181	0.836	9.065E-13	13.341	2.668	2.944E-11
274				10.941	2.188	1.624E-11	31.955	6.391	4.046E-10	37.670	7.534	6.628E-10	45.360	9.072	1.157E-09	30.662	6.132	3.574E-10	18.030	3.606	7.267E-11
275				8.206	1.641	6.853E-12	13.214	2.643	2.861E-11	32.711	6.542	4.340E-10	26.010	5.202	2.182E-10	28.116	5.623	2.756E-10	-11.729	0.000	0.000E+00
276				39.679	7.936	7.746E-10	43.016	8.603	9.869E-10	-4.613	0.000	0.000E+00	24.751	4.950	1.880E-10	61.940	12.388	2.947E-09	8.719	1.744	8.219E-12
277				8.307	1.661	7.106E-12	5.934	1.187	2.590E-12	41.132	8.226	8.628E-10	9.456	1.891	1.048E-11	30.043	6.009	3.362E-10	19.803	3.961	9.629E-11
278				6.601	1.320	3.566E-12	25.929	5.186	2.162E-10	42.197	8.439	9.316E-10	44.741	8.948	1.110E-09	53.650	10.730	1.915E-09	9.533	1.907	1.074E-11
279				31.238	6.248	3.780E-10	23.310	4.662	1.570E-10	13.413	2.683	2.992E-11	47.615	9.523	1.338E-09	4.189	0.838	9.115E-13	18.315	3.663	7.618E-11
280				46.388	9.278	1.238E-09	10.262	2.052	1.340E-11	26.407	5.281	2.283E-10	5.487	1.097	2.048E-12	-5.732	0.000	0.000E+00	-6.702	0.000	0.000E+00
281				20.008	4.002	9.932E-11	26.858	5.372	2.402E-10	-5.965	0.000	0.000E+00	52.007	10.401	1.744E-09	28.843	5.769	2.975E-10	12.094	2.419	2.193E-11
282				27.203	5.441	2.496E-10	27.938	5.588	2.704E-10	30.927	6.185	3.668E-10	83.420	16.684	7.198E-09	30.117	6.023	3.387E-10	14.964	2.993	4.155E-11
283				41.509	8.302	8.868E-10	8.884	1.777	8.695E-12	5.450	1.090	2.007E-12	28.923	5.785	3.000E-10	31.313	6.263	3.807E-10	14.208	2.842	3.556E-11
284				8.809	1.762	8.475E-12	48.921	9.784	1.452E-09	25.533	5.107	2.064E-10	44.654	8.931	1.104E-09	36.839	7.368	6.199E-10	9.316	1.863	1.002E-11
285				25.021	5.004	1.942E-10	8.690	1.738	8.137E-12	-8.999	0.000	0.000E+00	3.260	0.652	4.295E-13	10.719	2.144	1.527E-11	17.786	3.557	6.977E-11
286				25.754	5.151	2.118E-10	6.682	1.336	3.699E-12	12.104	2.421	2.199E-11	24.881	4.976	1.910E-10	41.844	8.369	9.084E-10	14.055	2.811	3.443E-11
287				12.625	2.525	2.495E-11	3.535	0.707	5.476E-13	4.452	0.890	1.094E-12	37.331	7.466	6.450E-10	27.209	5.442	2.498E-10	14.447	2.889	3.739E-11
288				86.310	17.262	7.972E-09	4.303	0.861	9.882E-13	8.785	1.757	8.408E-12	48.346	9.669	1.401E-09	9.223	1.845	9.728E-12	10.255	2.051	1.337E-11
289				28.438	5.688	2.852E-10	32.625	6.525	4.306E-10	9.707	1.941	1.134E-11	24.925	4.985	1.920E-10	26.475	5.295	2.301E-10	13.024	2.605	2.739E-11
290				8.948	1.790	8.883E-12	29.269	5.854	3.109E-10	27.224	5.445	2.502E-10	13.511	2.702	3.058E-11	14.962	2.992	4.153E-11	7.648	1.530	5.546E-12
291				44.875	8.975	1.120E-09	43.712	8.742	1.036E-09	47.894	9.579	1.362E-09	23.295	4.659	1.567E-10	4.388	0.878	1.048E-12	8.719	1.744	8.217E-12
292				42.524	8.505	9.534E-10	35.321	7.064	5.464E-10	9.529	1.906	1.073E-11	12.081	2.416	2.186E-11	56.780	11.356	2.270E-09	13.117	2.623	2.798E-11
293				20.500	4.100	1.068E-10	20.228	4.046	1.026E-10	10.855	2.171	1.586E-11	8.837	1.767	8.555E-12	23.930	4.786	1.699E-10	15.819	3.164	4.908E-11
294				28.488	5.698	2.867E-10	11.987	2.397	2.136E-11	29.663	5.933	3.236E-10	47.731	9.546	1.348E-09	7.523	1.505	5.280E-12	5.313	1.063	1.860E-12
295				53.752	10.750	1.926E-09	5.875	1.175	2.514E-12	6.599	1.320	3.562E-12	20.595	4.119	1.083E-10	52.881	10.576	1.834E-09	17.634	3.527	6.799E-11
296				13.264	2.653	2.893E-11	5.566	1.113	2.138E-12	11.086	2.217	1.690E-11	19.479	3.896	9.164E-11	4.358	0.872	1.026E-12	9.798	1.960	1.166E-11
297				29.250	5.850	3.103E-10	4.982	0.996	1.533E-12	25.601	5.120	2.081E-10	30.492	6.098	3.515E-10	-25.121	0.000	0.000E+00	6.222	1.244	2.987E-12
298				10.983	2.197	1.643E-11	25.835	5.167	2.138E-10	39.921	7.984	7.888E-10	6.437	1.287	3.307E-12	6.527	1.305	3.447E-12	19.142	3.828	8.696E-11
299				24.395	4.879	1.800E-10	12.102	2.420	2.198E-11	30.694	6.139	3.586E-10	47.261	9.452	1.309E-09	-0.767	0.000	0.000E+00	17.867	3.573	7.072E-11
300				39.564	7.913	7.679E-10	31.173	6.235	3.756E-10	6.643	1.329	3.635E-12	29.943	5.989	3.329E-10	-4.363	0.000	0.000E+00	12.001	2.400	2.143E-11
301				6.280	1.256	3.070E-12	52.621	10.524	1.807E-09	26.115	5.223	2.208E-10	35.876	7.175	5.725E-10	9.594	1.919	1.095E-11	21.272	4.254	1.193E-10
302				44.522	8.904	1.094E-09	48.371	9.674	1.403E-09	6.797	1.359	3.893E-12	30.206	6.041	3.417E-10	6.185	1.237	2.934E-12	14.120	2.824	3.490E-11
303				14.052	2.810	3.440E-11	9.087	1.817	9.304E-12	6.930	1.386	4.126E-12	65.847	13.169	3.540E-09	22.728	4.546	1.456E-10	13.833	2.767	3.282E-11
304				7.762	1.552	5.798E-12	9.609	1.922	1.100E-11	29.259	5.852	3.106E-10	30.822	6.164	3.630E-10	52.935	10.587	1.839E-09	22.127	4.425	1.343E-10
305				14.660	2.932	3.907E-11	29.493	5.899	3.181E-10	30.191	6.038	3.412E-10	7.003	1.401	4.258E-12	24.853	4.971	1.903E-10	11.090	2.218	1.691E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
306				50.584	10.117	1.605E-09	-10.460	0.000	0.000E+00	22.280	4.456	1.371E-10	81.623	16.325	6.743E-09	36.647	7.329	6.102E-10	28.923	5.785	3.000E-10
307				43.500	8.700	1.021E-09	49.756	9.951	1.527E-09	25.233	5.047	1.992E-10	7.967	1.593	6.271E-12	38.127	7.625	6.872E-10	11.301	2.260	1.789E-11
308				23.411	4.682	1.591E-10	23.800	4.760	1.672E-10	40.084	8.017	7.986E-10	75.450	15.090	5.326E-09	-28.926	0.000	0.000E+00	9.355	1.871	1.015E-11
309				9.717	1.943	1.137E-11	9.112	1.822	9.380E-12	11.080	2.216	1.686E-11	-21.359	0.000	0.000E+00	48.182	9.636	1.387E-09	13.712	2.742	3.197E-11
310				51.879	10.376	1.731E-09	33.555	6.711	4.684E-10	8.750	1.750	8.308E-12	55.470	11.094	2.116E-09	54.437	10.887	2.000E-09	8.275	1.655	7.025E-12
311				37.849	7.570	6.723E-10	34.442	6.888	5.066E-10	7.049	1.410	4.342E-12	10.262	2.052	1.340E-11	7.522	1.504	5.277E-12	11.247	2.249	1.764E-11
312				59.406	11.881	2.599E-09	24.146	4.829	1.746E-10	4.618	0.924	1.221E-12	44.336	8.867	1.081E-09	38.493	7.699	7.072E-10	11.299	2.260	1.789E-11
313				52.570	10.514	1.801E-09	41.854	8.371	9.091E-10	57.799	11.560	2.394E-09	12.076	2.415	2.184E-11	31.548	6.310	3.893E-10	5.303	1.061	1.849E-12
314				39.890	7.978	7.870E-10	48.645	9.729	1.427E-09	25.269	5.054	2.000E-10	27.906	5.581	2.695E-10	4.283	0.857	9.744E-13	7.396	1.479	5.017E-12
315				23.323	4.665	1.573E-10	56.473	11.295	2.233E-09	25.098	5.020	1.960E-10	8.308	1.662	7.111E-12	5.880	1.176	2.520E-12	5.435	1.087	1.991E-12
316				12.191	2.438	2.247E-11	34.664	6.933	5.164E-10	9.356	1.871	1.015E-11	32.991	6.598	4.452E-10	23.939	4.788	1.701E-10	10.480	2.096	1.427E-11
317				18.715	3.743	8.128E-11	27.140	5.428	2.479E-10	-10.500	0.000	0.000E+00	-29.923	0.000	0.000E+00	91.956	18.391	9.641E-09	10.890	2.178	1.601E-11
318				9.620	1.924	1.104E-11	-5.907	0.000	0.000E+00	6.950	1.390	4.162E-12	61.628	12.326	2.902E-09	24.784	4.957	1.888E-10	12.988	2.598	2.716E-11
319				8.968	1.794	8.944E-12	6.960	1.392	4.181E-12	26.401	5.280	2.282E-10	49.443	9.889	1.499E-09	-49.224	0.000	0.000E+00	10.492	2.098	1.432E-11
320				20.858	4.172	1.125E-10	3.585	0.717	5.714E-13	22.453	4.491	1.404E-10	25.298	5.060	2.007E-10	-20.931	0.000	0.000E+00	16.626	3.325	5.698E-11
321				10.927	2.185	1.618E-11	43.507	8.701	1.021E-09	8.449	1.690	7.479E-12	2.926	0.585	3.106E-13	24.767	4.953	1.884E-10	13.705	2.741	3.192E-11
322				20.147	4.029	1.014E-10	95.005	19.001	1.063E-08	25.194	5.039	1.983E-10	77.340	15.468	5.736E-09	44.137	8.827	1.066E-09	-4.557	0.000	0.000E+00
323				6.714	1.343	3.752E-12	17.207	3.441	6.317E-11	-3.955	0.000	0.000E+00	31.286	6.257	3.797E-10	42.577	8.515	9.570E-10	12.052	2.410	2.171E-11
324				38.945	7.789	7.324E-10	26.102	5.220	2.205E-10	28.594	5.701	2.872E-10	36.100	7.220	5.833E-10	46.513	9.303	1.248E-09	14.338	2.868	3.655E-11
325				25.754	5.151	2.118E-10	18.168	3.634	7.435E-11	53.391	10.678	1.887E-09	42.420	8.484	9.465E-10	18.957	3.791	8.447E-11	7.173	1.435	4.576E-12
326				53.446	10.689	1.893E-09	4.935	0.987	1.491E-12	30.323	6.065	3.457E-10	38.095	7.619	6.855E-10	11.447	2.289	1.860E-11	17.792	3.558	6.984E-11
327				35.915	7.183	5.744E-10	28.643	5.729	2.914E-10	10.480	2.096	1.427E-11	47.998	9.600	1.371E-09	51.194	10.239	1.664E-09	9.746	1.949	1.148E-11
328				30.636	6.127	3.565E-10	43.987	8.797	1.055E-09	10.621	2.124	1.486E-11	25.343	5.069	2.018E-10	29.101	5.820	3.056E-10	12.598	2.520	2.479E-11
329				-6.024	0.000	0.000E+00	10.863	2.173	1.589E-11	7.659	1.532	5.571E-12	6.513	1.303	3.426E-12	11.456	2.291	1.864E-11	25.673	5.135	2.098E-10
330				25.430	5.086	2.039E-10	22.669	4.534	1.444E-10	42.833	8.567	9.744E-10	24.151	4.830	1.747E-10	6.925	1.385	4.117E-12	22.730	4.546	1.456E-10
331				5.442	1.088	1.998E-12	5.576	1.115	2.150E-12	31.105	6.221	3.731E-10	11.139	2.228	1.714E-11	43.756	8.751	1.039E-09	12.995	2.599	2.721E-11
332				14.197	2.839	3.548E-11	27.200	5.440	2.495E-10	24.662	4.932	1.860E-10	28.632	5.726	2.910E-10	53.565	10.713	1.906E-09	19.014	3.803	8.524E-11
333				5.887	1.177	2.530E-12	-3.801	0.000	0.000E+00	20.932	4.186	1.137E-10	33.368	6.674	4.607E-10	7.673	1.535	5.601E-12	6.448	1.290	3.324E-12
334				28.679	5.736	2.925E-10	8.802	1.760	8.455E-12	9.324	1.865	1.005E-11	45.874	9.175	1.197E-09	26.992	5.398	2.438E-10	12.849	2.570	2.630E-11
335				4.148	0.830	8.847E-13	5.078	1.016	1.624E-12	9.412	1.882	1.034E-11	6.189	1.238	2.939E-12	34.092	6.818	4.913E-10	12.884	2.577	2.652E-11
336				-3.471	0.000	0.000E+00	30.059	6.012	3.367E-10	13.214	2.643	2.861E-11	24.734	4.947	1.876E-10	23.105	4.621	1.529E-10	18.658	3.732	8.053E-11
337				6.279	1.256	3.069E-12	45.295	9.059	1.152E-09	53.185	10.637	1.865E-09	6.297	1.259	3.096E-12	80.932	16.186	6.573E-09	17.944	3.589	7.164E-11
338				7.888	1.578	6.086E-12	9.148	1.830	9.493E-12	-19.036	0.000	0.000E+00	38.261	7.652	6.945E-10	19.817	3.963	9.649E-11	17.300	3.460	6.419E-11
339				25.821	5.164	2.135E-10	12.136	2.427	2.216E-11	-4.146	0.000	0.000E+00	89.938	17.988	9.020E-09	33.659	6.732	4.728E-10	16.898	3.380	5.983E-11
340				36.791	7.358	6.174E-10	38.628	7.726	7.146E-10	30.877	6.175	3.650E-10	6.882	1.376	4.041E-12	43.187	8.637	9.987E-10	15.928	3.186	5.010E-11
341				8.395	1.679	7.337E-12	24.954	4.991	1.927E-10	7.118	1.424	4.471E-12	57.862	11.572	2.402E-09	5.030	1.006	1.578E-12	10.548	2.110	1.455E-11
342				5.330	1.066	1.878E-12	9.279	1.856	9.907E-12	5.589	1.118	2.165E-12	25.904	5.181	2.155E-10	37.483	7.497	6.529E-10	13.419	2.684	2.996E-11
343				25.700	5.140	2.105E-10	6.910	1.382	4.092E-12	35.763	7.153	6.071E-10	25.278	5.056	2.003E-10	89.927	17.985	9.017E-09	12.899	2.580	2.661E-11
344				10.586	2.117	1.471E-11	9.860	1.972	1.189E-11	9.006	1.801	9.057E-12	49.017	9.803	1.460E-09	8.213	1.643	6.869E-12	39.835	7.967	7.837E-10
345				25.103	5.021	1.961E-10	24.722	4.944	1.873E-10	41.163	8.233	8.648E-10	36.086	7.217	5.826E-10	30.699	6.140	3.587E-10	14.492	2.898	3.774E-11
346				9.603	1.921	1.098E-11	8.253	1.651	6.970E-12	30.080	6.016	3.375E-10	23.621	4.724	1.634E-10	46.934	9.387	1.282E-09	33.606	6.721	4.706E-10
347				11.584	2.317	1.927E-11	21.308	4.262	1.200E-10	17.322	3.464	6.444E-11	47.383	9.477	1.319E-09	20.479	4.096	1.065E-10	17.937	3.587	7.155E-11
348				8.354	1.671	7.229E-12	98.626	19.725	1.190E-08	6.432	1.286	3.299E-12	53.064	10.613	1.853E-09	-20.608	0.000	0.000E+00	9.262	1.852	9.851E-12
349				-5.049	0.000	0.000E+00	46.233	9.247	1.225E-09	16.445	3.289	5.514E-11	26.349	5.270	2.268E-10	27.506	5.501	2.580E-10	-7.739	0.000	0.000E+00
350				13.411	2.682	2.991E-11	22.270	4.454	1.370E-10	33.157	6.631	4.520E-10	23.467	4.693	1.602E-10	8.183	1.637	6.795E-12	14.822	2.964	4.038E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																						
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17			
351				7.862	1.572	6.025E-12	3.720	0.744	6.381E-13	27.457	5.491	2.567E-10	9.646	1.929	1.113E-11	10.188	2.038	1.311E-11	9.791	1.958	1.164E-11	
352				57.751	11.550	2.388E-09	24.060	4.812	1.727E-10	30.445	6.089	3.499E-10	24.784	4.957	1.888E-10	18.896	3.779	8.365E-11	19.552	3.910	9.267E-11	
353				11.576	2.315	1.924E-11	28.669	5.734	2.922E-10	-3.020	0.000	0.000E+00	46.286	9.257	1.230E-09	27.130	5.426	2.476E-10	12.255	2.451	2.282E-11	
354				43.087	8.617	9.918E-10	25.607	5.121	2.082E-10	9.715	1.943	1.137E-11	77.106	15.421	5.684E-09	24.443	4.889	1.811E-10	8.364	1.673	7.256E-12	
355				70.037	14.007	4.260E-09	57.478	11.496	2.354E-09	7.529	1.506	5.292E-12	4.345	0.869	1.017E-12	49.515	9.903	1.505E-09	31.776	6.355	3.978E-10	
356				47.164	9.433	1.301E-09	20.578	4.116	1.080E-10	31.548	6.310	3.893E-10	14.999	3.000	4.184E-11	42.065	8.413	9.229E-10	-6.017	0.000	0.000E+00	
357				24.754	4.951	1.881E-10	10.087	2.017	1.272E-11	8.609	1.722	7.912E-12	-6.395	0.000	0.000E+00	53.595	10.719	1.909E-09	11.576	2.315	1.924E-11	
358				91.940	18.388	9.636E-09	37.083	7.417	6.323E-10	31.033	6.207	3.706E-10	24.493	4.899	1.822E-10	21.788	4.358	1.283E-10	15.677	3.135	4.777E-11	
359				32.219	6.444	4.147E-10	9.711	1.942	1.135E-11	38.514	7.703	7.084E-10	-3.325	0.000	0.000E+00	38.395	7.679	7.018E-10	21.619	4.324	1.253E-10	
360				28.524	5.705	2.877E-10	29.594	5.919	3.214E-10	19.816	3.963	9.648E-11	31.773	6.355	3.977E-10	22.931	4.586	1.495E-10	11.103	2.221	1.697E-11	
361				12.052	2.410	2.171E-11	23.832	4.766	1.678E-10	11.726	2.345	1.999E-11	31.717	6.343	3.956E-10	29.771	5.954	3.272E-10	15.045	3.009	4.222E-11	
362				16.394	3.279	5.463E-11	30.001	6.000	3.348E-10	43.757	8.751	1.039E-09	36.321	7.264	5.941E-10	33.368	6.674	4.607E-10	8.635	1.727	7.984E-12	
363				50.847	10.169	1.630E-09	42.728	8.546	9.673E-10	9.812	1.962	1.171E-11	23.117	4.623	1.532E-10	22.181	4.436	1.353E-10	10.539	2.108	1.452E-11	
364				31.596	6.319	3.911E-10	-5.158	0.000	0.000E+00	3.602	0.720	5.793E-13	69.085	13.817	4.088E-09	10.113	2.023	1.282E-11	14.230	2.846	3.573E-11	
365				58.779	11.756	2.518E-09	13.588	2.718	3.111E-11	32.831	6.566	4.388E-10	40.784	8.157	8.411E-10	32.051	6.410	4.082E-10	50.725	10.145	1.618E-09	
366				28.728	5.746	2.940E-10	11.459	2.292	1.865E-11	7.503	1.501	5.238E-12	27.279	5.456	2.517E-10	26.319	5.264	2.260E-10	16.844	3.369	5.925E-11	
367				7.525	1.505	5.284E-12	6.274	1.255	3.062E-12	-4.646	0.000	0.000E+00	4.285	0.857	9.753E-13	8.996	1.799	9.026E-12	16.207	3.241	5.278E-11	
368				50.970	10.194	1.642E-09	10.145	2.029	1.295E-11	46.504	9.301	1.247E-09	46.749	9.350	1.267E-09	35.658	7.132	5.622E-10	13.683	2.737	3.177E-11	
369				24.069	4.814	1.729E-10	12.466	2.493	2.402E-11	10.974	2.195	1.639E-11	51.129	10.226	1.657E-09	23.902	4.780	1.693E-10	15.452	3.090	4.574E-11	
370				5.690	1.138	2.285E-12	42.052	8.410	9.221E-10	10.351	2.070	1.375E-11	18.699	3.740	8.107E-11	7.406	1.481	5.036E-12	8.918	1.784	8.795E-12	
371				9.291	1.858	9.944E-12	9.851	1.970	1.185E-11	87.381	17.476	8.273E-09	34.495	6.899	5.089E-10	24.102	4.820	1.736E-10	16.776	3.355	5.854E-11	
372				94.159	18.832	1.035E-08	27.652	5.530	2.622E-10	173.699	34.740	6.498E-08	27.737	5.547	2.646E-10	79.639	15.928	6.263E-09	13.503	2.701	3.053E-11	
373				24.394	4.879	1.800E-10	-4.390	0.000	0.000E+00	9.191	1.838	9.628E-12	30.741	6.148	3.602E-10	26.209	5.242	2.232E-10	10.654	2.131	1.499E-11	
374				-21.778	0.000	0.000E+00	25.658	5.132	2.094E-10	12.692	2.538	2.535E-11	61.058	12.212	2.822E-09	45.621	9.124	1.177E-09	13.249	2.650	2.884E-11	
375				24.092	4.818	1.734E-10	6.348	1.270	3.172E-12	25.428	5.086	2.039E-10	4.304	0.861	9.883E-13	49.143	9.829	1.472E-09	12.091	2.418	2.192E-11	
376				16.894	3.379	5.978E-11	11.350	2.270	1.813E-11	12.943	2.589	2.689E-11	34.284	6.857	4.996E-10	7.938	1.588	6.201E-12	11.126	2.225	1.708E-11	
377				63.154	12.631	3.123E-09	-10.945	0.000	0.000E+00	40.843	8.169	8.447E-10	4.963	0.993	1.516E-12	33.354	6.671	4.601E-10	7.201	1.440	4.630E-12	
378				-6.057	0.000	0.000E+00	26.097	5.219	2.204E-10	20.296	4.059	1.037E-10	71.444	14.289	4.521E-09	22.970	4.594	1.503E-10	8.485	1.697	7.574E-12	
379				64.930	12.986	3.394E-09	31.594	6.319	3.910E-10	7.420	1.484	5.066E-12	11.505	2.301	1.888E-11	31.696	6.339	3.948E-10	10.658	2.132	1.501E-11	
380				34.120	6.824	4.925E-10	51.508	10.302	1.694E-09	12.831	2.566	2.619E-11	40.284	8.057	8.106E-10	42.266	8.453	9.362E-10	10.025	2.005	1.249E-11	
381				23.271	4.654	1.563E-10	26.068	5.214	2.196E-10	7.542	1.508	5.320E-12	34.524	6.905	5.102E-10	4.024	0.805	8.077E-13	13.005	2.601	2.727E-11	
382				53.866	10.773	1.938E-09	-5.192	0.000	0.000E+00	23.445	4.689	1.598E-10	24.822	4.964	1.896E-10	13.941	2.788	3.359E-11	14.273	2.855	3.605E-11	
383				45.777	9.155	1.189E-09	7.665	1.533	5.584E-12	170.789	34.158	6.177E-08	27.770	5.554	2.655E-10	38.345	7.669	6.991E-10	12.096	2.419	2.194E-11	
384				88.433	17.687	8.575E-09	11.407	2.281	1.840E-11	45.701	9.140	1.184E-09	6.108	1.222	2.825E-12	34.861	6.972	5.253E-10	25.599	5.120	2.080E-10	
385				10.153	2.031	1.298E-11	53.370	10.674	1.885E-09	3.094	0.619	3.674E-13	19.731	3.946	9.524E-11	89.033	17.807	8.751E-09	19.404	3.881	9.059E-11	
386				24.302	4.860	1.780E-10	25.160	5.032	1.975E-10	37.874	7.575	6.736E-10	10.914	2.183	1.612E-11	45.913	9.183	1.200E-09	8.464	1.693	7.517E-12	
387				25.209	5.042	1.986E-10	8.168	1.634	6.757E-12	-24.554	0.000	0.000E+00	48.848	9.770	1.445E-09	41.872	8.374	9.103E-10	7.771	1.554	5.819E-12	
388				39.842	7.968	7.842E-10	67.545	13.509	3.821E-09	7.204	1.441	4.636E-12	36.575	7.315	6.067E-10	4.561	0.912	1.176E-12	19.406	3.881	9.061E-11	
389				50.831	10.166	1.628E-09	22.291	4.458	1.373E-10	5.400	1.080	1.952E-12	35.153	7.031	5.386E-10	30.068	6.014	3.371E-10	10.398	2.080	1.394E-11	
390				8.119	1.624	6.635E-12	33.663	6.733	4.730E-10	8.175	1.635	6.774E-12	73.799	14.760	4.984E-09	24.376	4.875	1.796E-10	31.558	6.312	3.897E-10	
391				29.966	5.993	3.336E-10	21.742	4.348	1.274E-10	8.623	1.725	7.950E-12	8.962	1.792	8.924E-12	4.669	0.934	1.262E-12	11.525	2.305	1.898E-11	
392				28.172	5.634	2.772E-10	32.942	6.588	4.432E-10	8.750	1.750	8.307E-12	28.870	5.774	2.983E-10	9.982	1.996	1.233E-11	11.077	2.215	1.685E-11	
393				11.174	2.235	1.730E-11	27.332	5.466	2.532E-10	51.844	10.369	1.728E-09	8.382	1.676	7.301E-12	22.705	4.541	1.451E-10	10.661	2.132	1.502E-11	
394				5.693	1.139	2.287E-12	45.128	9.026	1.140E-09	27.687	5.537	2.631E-10	47.098	9.420	1.295E-09	10.535	2.107	1.450E-11	31.576	6.315	3.903E-10	
395				6.962	1.392	4.184E-12	7.781	1.556	5.840E-12	9.205	1.841	9.672E-12	56.668	11.334	2.256E-09	25.380	5.076	2.027E-10	13.841	2.768	3.288E-11	

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
396				27.267	5.453	2.514E-10	37.328	7.466	6.449E-10	37.271	7.454	6.419E-10	5.946	1.189	2.607E-12	25.656	5.131	2.094E-10	7.295	1.459	4.813E-12
397				10.096	2.019	1.276E-11	5.416	1.083	1.970E-12	15.153	3.031	4.314E-11	39.415	7.883	7.592E-10	50.286	10.057	1.577E-09	19.967	3.993	9.871E-11
398				51.441	10.288	1.688E-09	14.041	2.808	3.432E-11	14.976	2.995	4.165E-11	3.874	0.775	7.211E-13	20.246	4.049	1.029E-10	6.121	1.224	2.844E-12
399				24.885	4.977	1.911E-10	50.073	10.015	1.557E-09	34.708	6.942	5.184E-10	30.246	6.049	3.431E-10	9.553	1.911	1.081E-11	13.486	2.697	3.041E-11
400				25.276	5.055	2.002E-10	12.039	2.408	2.163E-11	37.485	7.497	6.531E-10	9.861	1.972	1.189E-11	-28.426	0.000	0.000E+00	15.451	3.090	4.573E-11
401				9.082	1.816	9.287E-12	20.859	4.172	1.125E-10	8.971	1.794	8.952E-12	5.765	1.153	2.375E-12	20.960	4.192	1.142E-10	47.947	9.589	1.367E-09
402				58.575	11.715	2.492E-09	86.975	17.395	8.158E-09	7.646	1.529	5.543E-12	62.794	12.559	3.070E-09	23.595	4.719	1.629E-10	14.030	2.806	3.425E-11
403				8.920	1.784	8.800E-12	48.912	9.782	1.451E-09	27.943	5.589	2.705E-10	59.196	11.839	2.572E-09	24.682	4.936	1.864E-10	8.369	1.674	7.268E-12
404				40.373	8.075	8.159E-10	11.812	2.362	2.043E-11	44.557	8.911	1.097E-09	32.210	6.442	4.143E-10	35.981	7.196	5.776E-10	42.581	8.516	9.573E-10
405				56.725	11.345	2.263E-09	5.626	1.125	2.208E-12	5.514	1.103	2.079E-12	-6.387	0.000	0.000E+00	10.978	2.196	1.640E-11	14.819	2.964	4.035E-11
406				28.856	5.771	2.979E-10	4.953	0.991	1.507E-12	38.262	7.652	6.945E-10	41.440	8.288	8.824E-10	37.299	7.460	6.434E-10			
407				50.786	10.157	1.624E-09	21.968	4.394	1.315E-10	22.219	4.444	1.360E-10	33.403	6.681	4.621E-10	-4.424	0.000	0.000E+00			
408				48.463	9.693	1.411E-09	32.346	6.469	4.196E-10	39.091	7.818	7.407E-10	11.831	2.366	2.053E-11	8.913	1.783	8.780E-12			
409				24.729	4.946	1.875E-10	79.552	15.910	6.242E-09	11.598	2.320	1.934E-11	30.580	6.116	3.546E-10	25.543	5.109	2.066E-10			
410				15.930	3.186	5.012E-11	24.734	4.947	1.876E-10	31.059	6.212	3.715E-10	10.042	2.008	1.255E-11	29.009	5.802	3.027E-10			
411				39.140	7.828	7.435E-10	7.274	1.455	4.772E-12	7.296	1.459	4.816E-12	29.600	5.920	3.216E-10	44.558	8.912	1.097E-09			
412				25.189	5.038	1.982E-10	26.153	5.231	2.218E-10	23.327	4.665	1.574E-10	7.918	1.584	6.156E-12	11.473	2.295	1.873E-11			
413				6.417	1.283	3.276E-12	3.017	0.603	3.404E-13	5.367	1.073	1.917E-12	64.995	12.999	3.404E-09	78.086	15.617	5.904E-09			
414				25.585	5.117	2.077E-10	9.724	1.945	1.140E-11	5.357	1.071	1.906E-12	-4.850	0.000	0.000E+00	56.391	11.278	2.223E-09			
415				11.209	2.242	1.746E-11	-4.988	0.000	0.000E+00	51.736	10.347	1.717E-09	45.959	9.192	1.204E-09	45.971	9.194	1.205E-09			
416				27.360	5.472	2.539E-10	32.973	6.595	4.445E-10	45.085	9.017	1.136E-09	42.035	8.407	9.209E-10	26.729	5.346	2.368E-10			
417				45.891	9.178	1.198E-09	20.041	4.008	9.980E-11	18.445	3.689	7.780E-11	9.679	1.936	1.124E-11	-7.535	0.000	0.000E+00			
418				25.422	5.084	2.037E-10	5.810	1.162	2.432E-12	4.952	0.990	1.506E-12	8.814	1.763	8.489E-12	-17.110	0.000	0.000E+00			
419				-16.228	0.000	0.000E+00	40.703	8.141	8.361E-10	28.973	5.795	3.016E-10	13.772	2.754	3.239E-11	44.628	8.926	1.102E-09			
420				10.382	2.076	1.388E-11	40.744	8.149	8.386E-10	15.932	3.186	5.014E-11	9.009	1.802	9.066E-12	8.225	1.645	6.899E-12			
421				8.833	1.767	8.545E-12	75.041	15.008	5.240E-09	9.568	1.914	1.086E-11	23.922	4.784	1.697E-10	28.439	5.688	2.852E-10			
422				9.272	1.854	9.882E-12	34.131	6.826	4.930E-10	86.483	17.297	8.020E-09	37.354	7.471	6.463E-10	2.918	0.584	3.080E-13			
423				8.541	1.708	7.725E-12	101.661	20.332	1.303E-08	53.118	10.624	1.858E-09	10.814	2.163	1.568E-11	72.709	14.542	4.766E-09			
424				46.595	9.319	1.254E-09	9.470	1.894	1.053E-11	40.164	8.033	8.034E-10	26.885	5.377	2.409E-10	23.346	4.669	1.578E-10			
425				29.895	5.979	3.313E-10	-6.721	0.000	0.000E+00	45.777	9.155	1.189E-09	12.720	2.544	2.552E-11	17.145	3.429	6.248E-11			
426				26.259	5.252	2.245E-10	45.768	9.154	1.189E-09	35.511	7.102	5.552E-10	-3.111	0.000	0.000E+00	27.381	5.476	2.545E-10			
427				47.763	9.553	1.351E-09	38.345	7.669	6.991E-10	9.563	1.913	1.084E-11	26.348	5.270	2.268E-10	56.373	11.275	2.221E-09			
428				26.363	5.273	2.272E-10	17.514	3.503	6.661E-11	22.790	4.558	1.468E-10	30.012	6.002	3.352E-10	41.622	8.324	8.940E-10			
429				8.195	1.639	6.825E-12	49.549	9.910	1.508E-09	21.636	4.327	1.256E-10	36.922	7.384	6.241E-10	8.804	1.761	8.461E-12			
430				72.599	14.520	4.744E-09	7.134	1.427	4.502E-12	21.030	4.206	1.153E-10	60.929	12.186	2.805E-09	40.771	8.154	8.403E-10			
431				9.859	1.972	1.188E-11	27.234	5.447	2.505E-10	23.338	4.668	1.576E-10	63.619	12.724	3.193E-09	63.374	12.675	3.156E-09			
432				12.965	2.593	2.702E-11	5.516	1.103	2.081E-12	45.414	9.083	1.161E-09	-5.412	0.000	0.000E+00	-23.962	0.000	0.000E+00			
433				25.779	5.156	2.124E-10	9.230	1.846	9.750E-12	41.268	8.254	8.715E-10	2.716	0.543	2.485E-13	24.434	4.887	1.809E-10			
434				7.636	1.527	5.520E-12	4.251	0.850	9.526E-13	6.700	1.340	3.729E-12	31.774	6.355	3.978E-10	44.695	8.939	1.107E-09			
435				10.651	2.130	1.498E-11	10.190	2.038	1.312E-11	49.514	9.903	1.505E-09	3.069	0.614	3.585E-13	43.732	8.746	1.037E-10			
436				26.128	5.226	2.212E-10	12.191	2.438	2.247E-11	52.347	10.469	1.779E-09	32.253	6.451	4.160E-10	31.760	6.352	3.972E-10			
437				49.882	9.976	1.539E-09	7.225	1.445	4.676E-12	5.672	1.134	2.263E-12	5.348	1.070	1.897E-12	30.245	6.049	3.431E-10			
438				21.078	4.216	1.161E-10	23.652	4.730	1.640E-10	29.174	5.835	3.079E-10	4.874	0.975	1.435E-12	36.229	7.246	5.896E-10			
439				19.622	3.924	9.367E-11	8.133	1.627	6.670E-12	5.130	1.026	1.674E-12	112.537	22.507	1.767E-08	23.608	4.722	1.632E-10			
440				-8.082	0.000	0.000E+00	10.995	2.199	1.648E-11	4.513	0.903	1.140E-12	27.400	5.480	2.551E-10	9.635	1.927	1.109E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17			
441			6.405	1.281	3.258E-12	7.302	1.460	4.828E-12	31.579	6.316	3.905E-10	42.491	8.498	9.512E-10	27.285	5.457	2.519E-10				
442			5.555	1.111	2.125E-12	10.270	2.054	1.343E-11	8.267	1.653	7.004E-12	30.615	6.123	3.558E-10	28.538	5.708	2.882E-10				
443			29.145	5.829	3.070E-10	9.027	1.805	9.120E-12	39.328	7.866	7.542E-10	24.295	4.859	1.778E-10	8.606	1.721	7.904E-12				
444			26.170	5.234	2.222E-10	15.532	3.106	4.646E-11	52.236	10.447	1.767E-09	25.602	5.120	2.081E-10	56.750	11.350	2.266E-09				
445			10.595	2.119	1.475E-11	32.638	6.528	4.311E-10	5.141	1.028	1.685E-12	-12.088	0.000	0.000E+00	20.669	4.134	1.095E-10				
446			7.392	1.478	5.008E-12	52.608	10.522	1.805E-09	7.561	1.512	5.360E-12	24.325	4.865	1.785E-10	31.314	6.263	3.807E-10				
447			39.024	7.805	7.368E-10	27.122	5.424	2.474E-10	48.150	9.630	1.384E-09	52.970	10.594	1.843E-09	38.828	7.766	7.258E-10				
448			37.831	7.566	6.713E-10	7.443	1.489	5.112E-12	25.763	5.153	2.120E-10	5.840	1.168	2.470E-12	2.947	0.589	3.173E-13				
449			28.208	5.642	2.783E-10	31.010	6.202	3.697E-10	-5.075	0.000	0.000E+00	8.958	1.792	8.912E-12	27.935	5.587	2.703E-10				
450			22.766	4.553	1.463E-10	18.154	3.631	7.419E-11	51.811	10.362	1.724E-09	5.502	1.100	2.065E-12	56.360	11.272	2.220E-09				
451			14.475	2.895	3.761E-11	4.055	0.811	8.266E-13	31.715	6.343	3.955E-10	27.039	5.408	2.451E-10	26.288	5.258	2.253E-10				
452			-5.608	0.000	0.000E+00	47.043	9.409	1.291E-09	27.437	5.487	2.561E-10	8.288	1.658	7.058E-12	25.529	5.106	2.063E-10				
453			84.748	16.950	7.547E-09	53.419	10.684	1.890E-09	41.596	8.319	8.924E-10	50.177	10.035	1.566E-09	18.415	3.683	7.743E-11				
454			14.547	2.909	3.817E-11	4.627	0.925	1.228E-12	29.711	5.942	3.252E-10	27.902	5.580	2.693E-10	21.676	4.335	1.263E-10				
455			19.458	3.892	9.134E-11	8.999	1.800	9.036E-12	24.141	4.828	1.744E-10	11.979	2.396	2.131E-11	30.799	6.160	3.622E-10				
456			10.911	2.182	1.610E-11	93.714	18.743	1.020E-08	33.344	6.669	4.597E-10	29.020	5.804	3.030E-10	8.408	1.682	7.369E-12				
457			33.425	6.685	4.630E-10	7.159	1.432	4.549E-12	7.469	1.494	5.165E-12	33.737	6.747	4.761E-10	9.197	1.839	9.646E-12				
458			20.403	4.081	1.053E-10	9.813	1.963	1.171E-11	9.729	1.946	1.142E-11	8.079	1.616	6.539E-12	59.577	11.915	2.622E-09				
459			83.157	16.631	7.130E-09	6.325	1.265	3.137E-12	23.592	4.718	1.628E-10	-25.409	0.000	0.000E+00	-6.741	0.000	0.000E+00				
460			45.900	9.180	1.199E-09	9.717	1.943	1.138E-11	7.340	1.468	4.902E-12	35.410	7.082	5.505E-10	11.304	2.261	1.791E-11				
461			27.343	5.469	2.535E-10	53.600	10.720	1.909E-09	11.476	2.295	1.874E-11	31.836	6.367	4.001E-10	20.847	4.169	1.123E-10				
462			27.131	5.426	2.476E-10	30.974	6.195	3.685E-10	7.456	1.491	5.139E-12	14.571	2.914	3.835E-11	37.689	7.538	6.638E-10				
463			-9.050	0.000	0.000E+00	29.259	5.852	3.106E-10	44.840	8.968	1.118E-09	9.013	1.803	9.079E-12	21.803	4.361	1.285E-10				
464			11.348	2.270	1.812E-11	40.694	8.139	8.356E-10	60.131	12.026	2.696E-09	41.563	8.313	8.902E-10	11.171	2.234	1.729E-11				
465			31.377	6.275	3.830E-10	23.162	4.632	1.541E-10	40.769	8.154	8.402E-10	48.310	9.662	1.398E-09	41.351	8.270	8.767E-10				
466			44.432	8.886	1.088E-09	8.037	1.607	6.436E-12	6.370	1.274	3.205E-12	21.458	4.292	1.225E-10	37.323	7.465	6.447E-10				
467			8.530	1.706	7.696E-12	43.060	8.612	9.899E-10	26.763	5.353	2.377E-10	40.685	8.137	8.350E-10	10.464	2.093	1.421E-11				
468			51.458	10.292	1.689E-09	46.884	9.377	1.278E-09	94.960	18.992	1.062E-08	8.924	1.785	8.811E-12	47.525	9.505	1.331E-09				
469			9.248	1.850	9.807E-12	53.743	10.749	1.925E-09	10.820	2.164	1.570E-11	26.015	5.203	2.183E-10	36.489	7.298	6.024E-10				
470			10.341	2.068	1.371E-11	20.797	4.159	1.115E-10	23.318	4.664	1.572E-10	6.862	1.372	4.006E-12	5.778	1.156	2.392E-12				
471			8.961	1.792	8.922E-12	12.144	2.429	2.221E-11	42.514	8.503	9.528E-10	4.166	0.833	8.962E-13	33.701	6.740	4.746E-10				
472			85.383	17.077	7.718E-09	35.430	7.086	5.514E-10	5.502	1.100	2.065E-12	11.071	2.214	1.683E-11	101.129	20.226	1.282E-08				
473			33.846	6.769	4.807E-10	13.783	2.757	3.246E-11	29.739	5.948	3.261E-10	5.197	1.039	1.741E-12	84.915	16.983	7.592E-09				
474			26.977	5.395	2.434E-10	26.213	5.243	2.233E-10	-5.302	0.000	0.000E+00	32.154	6.431	4.122E-10	34.076	6.815	4.906E-10				
475			5.380	1.076	1.931E-12	0.998	0.200	1.233E-14	-7.288	0.000	0.000E+00	-29.873	0.000	0.000E+00	52.420	10.484	1.786E-09				
476			10.383	2.077	1.388E-11	6.812	1.362	3.919E-12	22.063	4.413	1.332E-10	5.109	1.022	1.653E-12	45.955	9.191	1.203E-09				
477			24.938	4.988	1.923E-10	16.383	3.277	5.452E-11	42.046	8.409	9.217E-10	10.037	2.007	1.254E-11	49.142	9.828	1.472E-09				
478			14.239	2.848	3.580E-11	33.435	6.687	4.634E-10	17.325	3.465	6.448E-11	10.960	2.192	1.632E-11	46.168	9.234	1.220E-09				
479			35.009	7.002	5.320E-10	6.947	1.389	4.157E-12	83.929	16.786	7.330E-09	31.611	6.322	3.917E-10	10.890	2.178	1.601E-11				
480			63.386	12.677	3.158E-09	7.971	1.594	6.280E-12	18.737	3.747	8.157E-11	6.694	1.339	3.720E-12	5.406	1.081	1.959E-12				
481			8.838	1.768	8.560E-12	-19.508	0.000	0.000E+00	21.754	4.351	1.276E-10	9.677	1.935	1.124E-11	8.157	1.631	6.728E-12				
482			-8.075	0.000	0.000E+00	26.520	5.304	2.313E-10	19.763	3.953	9.570E-11	-5.192	0.000	0.000E+00	4.131	0.826	8.740E-13				
483			8.709	1.742	8.190E-12	23.768	4.754	1.665E-10	8.331	1.666	7.169E-12	33.030	6.606	4.468E-10	27.549	5.510	2.593E-10				
484			24.734	4.947	1.876E-10	-4.679	0.000	0.000E+00	10.538	2.108	1.451E-11	33.621	6.724	4.712E-10	6.750	1.350	3.813E-12				
485			38.910	7.782	7.304E-10	8.555	1.711	7.763E-12	6.040	1.208	2.732E-12	9.547	1.909	1.079E-11	83.386	16.677	7.189E-09				

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																				
Day 1	Day 2			Day 3			Day 4			Day 5			Day 6			Day 7				
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
486			9.901	1.980	1.203E-11	64.293	12.859	3.295E-09	39.439	7.888	7.606E-10	-24.658	0.000	0.000E+00	7.644	1.529	5.538E-12			
487			25.355	5.071	2.021E-10	53.397	10.679	1.888E-09	24.836	4.967	1.900E-10	57.046	11.409	2.302E-09	48.929	9.786	1.452E-09			
488			13.510	2.702	3.058E-11	56.839	11.368	2.277E-09	39.546	7.909	7.668E-10	27.577	5.515	2.600E-10	13.660	2.732	3.160E-11			
489			19.246	3.849	8.839E-11	10.879	2.176	1.597E-11	10.189	2.038	1.312E-11	6.165	1.233	2.906E-12	-5.830	0.000	0.000E+00			
490			12.300	2.460	2.307E-11	14.525	2.905	3.799E-11	48.562	9.712	1.420E-09	42.787	8.557	9.712E-10	35.528	7.106	5.560E-10			
491			9.054	1.811	9.202E-12	59.178	11.836	2.570E-09	16.483	3.297	5.553E-11	9.691	1.938	1.128E-11	25.538	5.108	2.065E-10			
492			7.885	1.577	6.078E-12	12.192	2.438	2.247E-11	6.026	1.205	2.713E-12	51.088	10.218	1.653E-09	54.559	10.912	2.014E-09			
493			5.187	1.037	1.731E-12	21.630	4.326	1.255E-10	28.560	5.712	2.888E-10	55.243	11.049	2.090E-09	25.838	5.168	2.139E-10			
494			33.624	6.725	4.713E-10	47.748	9.550	1.350E-09	-3.148	0.000	0.000E+00	26.897	5.379	2.413E-10	32.008	6.402	4.066E-10			
495			61.296	12.259	2.856E-09	7.654	1.531	5.560E-12	23.332	4.666	1.575E-10	44.721	8.944	1.109E-09	5.385	1.077	1.936E-12			
496			56.972	11.394	2.293E-09	44.555	8.911	1.097E-09	9.511	1.902	1.067E-11	44.095	8.819	1.063E-09	9.764	1.953	1.154E-11			
497			28.235	5.647	2.791E-10	8.688	1.738	8.130E-12	7.804	1.561	5.893E-12	5.644	1.129	2.230E-12	41.439	8.288	8.823E-10			
498			48.233	9.647	1.391E-09	7.357	1.471	4.938E-12	16.847	3.369	5.928E-11	51.147	10.229	1.659E-09	8.423	1.685	7.408E-12			
499			27.665	5.533	2.625E-10	34.300	6.860	5.003E-10	26.726	5.345	2.367E-10	11.228	2.246	1.755E-11	26.896	5.379	2.412E-10			
500			44.190	8.838	1.070E-09	88.150	17.630	8.493E-09	7.651	1.530	5.553E-12	13.404	2.681	2.986E-11	32.682	6.536	4.328E-10			
501			24.579	4.916	1.841E-10	27.832	5.566	2.673E-10	24.181	4.836	1.753E-10	52.147	10.429	1.758E-09	5.455	1.091	2.012E-12			
502			6.550	1.310	3.485E-12	14.958	2.992	4.150E-11	27.846	5.569	2.677E-10	39.297	7.859	7.525E-10	40.164	8.033	8.034E-10			
503			51.595	10.319	1.703E-09	35.123	7.025	5.372E-10	12.358	2.472	2.340E-11	79.026	15.805	6.119E-09	31.340	6.268	3.817E-10			
504			11.627	2.325	1.949E-11	44.701	8.940	1.108E-09	23.380	4.676	1.585E-10	24.056	4.811	1.726E-10	60.294	12.059	2.718E-09			
505			27.538	5.508	2.589E-10	50.175	10.035	1.566E-09	21.330	4.266	1.203E-10	26.297	5.259	2.255E-10	-3.230	0.000	0.000E+00			
506			31.302	6.260	3.803E-10	41.868	8.374	9.100E-10	5.389	1.078	1.941E-12	26.200	5.240	2.230E-10	53.518	10.704	1.901E-09			
507			14.946	2.989	4.139E-11	42.840	8.568	9.749E-10	39.734	7.947	7.778E-10	42.534	8.507	9.541E-10	-8.808	0.000	0.000E+00			
508			27.804	5.561	2.665E-10	10.158	2.032	1.300E-11	6.096	1.219	2.809E-12	5.379	1.076	1.930E-12	32.144	6.429	4.118E-10			
509			9.075	1.815	9.267E-12	24.960	4.992	1.928E-10	100.778	20.156	1.269E-08	49.753	9.951	1.527E-09	59.465	11.893	2.607E-09			
510			28.019	5.604	2.727E-10	10.967	2.193	1.636E-11	9.855	1.971	1.187E-11	60.086	12.017	2.690E-09	85.293	17.059	7.694E-09			
511			35.655	7.131	5.620E-10	29.748	5.950	3.264E-10	38.608	7.722	7.135E-10	25.191	5.038	1.982E-10	39.546	7.909	7.668E-10			
512			9.198	1.840	9.647E-12	35.138	7.028	5.379E-10	41.703	8.341	8.993E-10	41.134	8.227	8.630E-10	41.256	8.251	8.706E-10			
513			10.630	2.126	1.490E-11	104.352	20.870	1.409E-08	11.562	2.312	1.916E-11	4.664	0.933	1.258E-12	37.319	7.464	6.444E-10			
514			21.161	4.232	1.175E-10	11.900	2.380	2.089E-11	99.130	19.826	1.208E-08	28.122	5.624	2.758E-10	30.994	6.199	3.692E-10			
515			-5.352	0.000	0.000E+00	6.798	1.360	3.896E-12	85.220	17.044	7.674E-09	34.326	6.865	5.015E-10	37.506	7.501	6.542E-10			
516			12.732	2.546	2.559E-11	34.173	6.835	4.948E-10	46.818	9.364	1.272E-09	27.469	5.494	2.570E-10	35.740	7.148	5.660E-10			
517			8.976	1.795	8.967E-12	51.028	10.206	1.647E-09	29.217	5.843	3.093E-10	26.292	5.258	2.254E-10	27.304	5.461	2.524E-10			
518			48.042	9.608	1.375E-09	8.606	1.721	7.902E-12	36.904	7.381	6.232E-10	35.330	7.066	5.468E-10	8.111	1.622	6.617E-12			
519			-6.863	0.000	0.000E+00	-5.813	0.000	0.000E+00	25.850	5.170	2.142E-10	4.407	0.881	1.061E-12	25.485	5.097	2.052E-10			
520			30.931	6.186	3.669E-10	8.208	1.642	6.856E-12	11.578	2.316	1.924E-11	124.986	24.997	2.421E-08	7.154	1.431	4.540E-12			
521			6.196	1.239	2.950E-12	11.056	2.211	1.676E-11	22.153	4.431	1.348E-10	29.935	5.987	3.326E-10	-5.922	0.000	0.000E+00			
522			8.940	1.788	8.861E-12	39.476	7.895	7.628E-10	23.933	4.787	1.700E-10	22.486	4.497	1.410E-10	24.554	4.911	1.835E-10			
523			-7.731	0.000	0.000E+00	-20.309	0.000	0.000E+00	30.968	6.194	3.682E-10	18.186	3.637	7.458E-11	32.434	6.487	4.231E-10			
524			28.026	5.605	2.729E-10	21.871	4.374	1.297E-10	-8.178	0.000	0.000E+00	33.168	6.634	4.524E-10	38.537	7.707	7.096E-10			
525			-7.840	0.000	0.000E+00	-8.887	0.000	0.000E+00	8.181	1.636	6.789E-12	-37.829	0.000	0.000E+00	28.837	5.767	2.973E-10			
526			26.187	5.237	2.227E-10	31.623	6.325	3.921E-10	-8.271	0.000	0.000E+00	37.051	7.410	6.307E-10	-6.099	0.000	0.000E+00			
527			-6.315	0.000	0.000E+00	-5.951	0.000	0.000E+00	52.689	10.538	1.814E-09	25.643	5.129	2.091E-10	58.832	11.766	2.525E-09			
528			38.316	7.663	6.975E-10	27.317	5.463	2.528E-10	36.347	7.269	5.954E-10	23.629	4.726	1.636E-10	23.921	4.784	1.697E-10			
529			-8.523	0.000	0.000E+00	9.317	1.863	1.003E-11	9.762	1.952	1.153E-11	10.917	2.183	1.613E-11	3.138	0.628	3.832E-13			
530			6.597	1.319	3.560E-12	10.543	2.109	1.453E-11	8.141	1.628	6.690E-12	25.359	5.072	2.022E-10	37.554	7.511	6.567E-10			

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
531				9.422	1.884	1.037E-11	7.654	1.531	5.559E-12	27.177	5.435	2.489E-10	39.172	7.834	7.453E-10	34.513	6.903	5.097E-10			
532				29.433	5.887	3.161E-10	23.307	4.661	1.570E-10	-4.180	0.000	0.000E+00	34.722	6.944	5.190E-10	43.858	8.772	1.046E-09			
533				-6.582	0.000	0.000E+00	32.415	6.483	4.223E-10	13.996	2.799	3.400E-11	57.589	11.518	2.368E-09	3.266	0.653	4.320E-13			
534				6.451	1.290	3.329E-12	3.500	0.700	5.318E-13	70.487	14.097	4.342E-09	26.117	5.223	2.209E-10	31.470	6.294	3.865E-10			
535				9.738	1.948	1.145E-11	11.547	2.309	1.909E-11	7.245	1.449	4.715E-12	21.818	4.364	1.288E-10	60.388	12.078	2.731E-09			
536				30.692	6.138	3.585E-10	26.682	5.336	2.355E-10	11.879	2.376	2.079E-11	56.735	11.347	2.264E-09	26.602	5.320	2.334E-10			
537				19.746	3.949	9.546E-11	27.045	5.409	2.453E-10	50.221	10.044	1.571E-09	41.987	8.397	9.177E-10	5.589	1.118	2.165E-12			
538				-21.059	0.000	0.000E+00	8.942	1.788	8.865E-12	25.313	5.063	2.011E-10	25.836	5.167	2.138E-10	40.102	8.020	7.996E-10			
539				23.833	4.767	1.679E-10	47.944	9.589	1.366E-09	6.777	1.355	3.860E-12	26.048	5.210	2.191E-10	5.277	1.055	1.822E-12			
540				10.798	2.160	1.561E-11	30.732	6.146	3.599E-10	8.898	1.780	8.734E-12	42.610	8.522	9.592E-10	41.574	8.315	8.909E-10			
541				-4.857	0.000	0.000E+00	7.470	1.494	5.168E-12	29.700	5.940	3.248E-10	47.122	9.424	1.297E-09	32.277	6.455	4.170E-10			
542				9.612	1.922	1.101E-11	8.989	1.798	9.006E-12	27.325	5.465	2.530E-10	55.831	11.166	2.158E-09	28.727	5.745	2.939E-10			
543				10.352	2.070	1.375E-11	11.128	2.226	1.709E-11	33.132	6.626	4.510E-10	36.452	7.290	6.005E-10	5.453	1.091	2.011E-12			
544				5.416	1.083	1.970E-12	43.651	8.730	1.031E-09	38.203	7.641	6.913E-10	51.693	10.339	1.713E-09	3.300	0.660	4.454E-13			
545				-21.570	0.000	0.000E+00	44.293	8.859	1.077E-09	5.853	1.171	2.486E-12	35.919	7.184	5.746E-10	25.961	5.192	2.169E-10			
546				25.475	5.095	2.050E-10	28.741	5.748	2.944E-10	10.868	2.174	1.591E-11	81.703	16.341	6.762E-09	102.089	20.418	1.319E-08			
547				-18.266	0.000	0.000E+00	12.908	2.582	2.666E-11	51.093	10.219	1.654E-09	6.243	1.249	3.017E-12	117.433	23.487	2.008E-08			
548				26.205	5.241	2.231E-10	-5.412	0.000	0.000E+00	9.026	1.805	9.117E-12	8.998	1.800	9.032E-12	28.820	5.764	2.968E-10			
549				52.207	10.441	1.764E-09	4.372	0.874	1.036E-12	31.871	6.374	4.014E-10	43.948	8.790	1.052E-09	5.777	1.155	2.390E-12			
550				-12.922	0.000	0.000E+00	27.169	5.434	2.487E-10	-4.973	0.000	0.000E+00	35.976	7.195	5.773E-10	-3.574	0.000	0.000E+00			
551				30.925	6.185	3.667E-10	9.984	1.997	1.234E-11	8.820	1.764	8.508E-12	58.165	11.633	2.440E-09	51.362	10.272	1.680E-09			
552				9.091	1.818	9.315E-12	44.700	8.940	1.107E-09	13.525	2.705	3.068E-11	31.237	6.247	3.779E-10	61.401	12.280	2.870E-09			
553				-35.726	0.000	0.000E+00	25.678	5.136	2.099E-10	5.382	1.076	1.933E-12	25.027	5.005	1.944E-10	24.682	4.936	1.864E-10			
554				-26.214	0.000	0.000E+00	14.276	2.855	3.608E-11	18.962	3.792	8.453E-11	59.178	11.836	2.570E-09	7.967	1.593	6.271E-12			
555				34.967	6.993	5.301E-10	10.942	2.188	1.624E-11	26.893	5.379	2.412E-10	42.913	8.583	9.798E-10	37.491	7.498	6.534E-10			
556				-8.730	0.000	0.000E+00	10.074	2.015	1.267E-11	27.289	5.458	2.520E-10	38.794	7.759	7.239E-10	18.314	3.663	7.616E-11			
557				5.973	1.195	2.642E-12	35.209	7.042	5.412E-10	9.387	1.877	1.026E-11	31.585	6.317	3.907E-10	39.918	7.984	7.887E-10			
558				45.081	9.016	1.136E-09	7.617	1.523	5.480E-12	-7.151	0.000	0.000E+00	58.054	11.611	2.426E-09	8.897	1.779	8.732E-12			
559				11.392	2.278	1.833E-11	7.500	1.500	5.232E-12	43.795	8.759	1.042E-09	35.385	7.077	5.493E-10	25.301	5.060	2.008E-10			
560				4.981	0.996	1.532E-12	7.641	1.528	5.531E-12	7.841	1.568	5.978E-12	14.306	2.861	3.630E-11	53.552	10.710	1.904E-09			
561				6.922	1.384	4.112E-12	26.153	5.231	2.218E-10	-4.664	0.000	0.000E+00	4.689	0.938	1.278E-12	5.804	1.161	2.424E-12			
562				27.330	5.466	2.531E-10	29.227	5.845	3.096E-10	37.130	7.426	6.347E-10	28.636	5.727	2.912E-10	11.389	2.278	1.832E-11			
563				-26.926	0.000	0.000E+00	29.730	5.946	3.258E-10	63.630	12.726	3.194E-09	47.487	9.497	1.328E-09	37.671	7.534	6.628E-10			
564				66.086	13.217	3.579E-09	5.041	1.008	1.588E-12	44.193	8.839	1.070E-09	27.386	5.477	2.547E-10	59.391	11.878	2.597E-09			
565				18.580	3.716	7.953E-11	33.145	6.629	4.515E-10	7.446	1.489	5.119E-12	6.537	1.307	3.464E-12	62.341	12.468	3.004E-09			
566				30.586	6.117	3.548E-10	35.155	7.031	5.387E-10	6.211	1.242	2.971E-12	36.763	7.353	6.161E-10	6.598	1.320	3.562E-12			
567				22.373	4.475	1.389E-10	40.508	8.102	8.242E-10	39.445	7.889	7.610E-10	-5.202	0.000	0.000E+00	23.197	4.639	1.548E-10			
568				5.663	1.133	2.252E-12	47.078	9.416	1.294E-09	27.244	5.449	2.507E-10	11.447	2.289	1.860E-11	27.200	5.440	2.495E-10			
569				-36.011	0.000	0.000E+00	7.271	1.454	4.766E-12	10.467	2.093	1.422E-11	58.244	11.649	2.450E-09	35.624	7.125	5.605E-10			
570				-12.524	0.000	0.000E+00	26.898	5.380	2.413E-10	28.389	5.678	2.837E-10	25.550	5.110	2.068E-10	27.045	5.409	2.453E-10			
571				30.989	6.198	3.690E-10	22.994	4.599	1.507E-10	32.977	6.595	4.447E-10	26.557	5.311	2.322E-10	6.108	1.222	2.826E-12			
572				35.889	7.178	5.732E-10	38.351	7.670	6.994E-10	11.258	2.252	1.769E-11	48.455	9.691	1.411E-09	35.340	7.068	5.472E-10			
573				22.103	4.421	1.339E-10	-9.350	0.000	0.000E+00	-6.248	0.000	0.000E+00	50.837	10.167	1.629E-09	56.831	11.366	2.276E-09			
574				7.999	1.600	6.346E-12	60.002	12.000	2.678E-09	11.068	2.214	1.681E-11	22.034	4.407	1.326E-10	39.221	7.844	7.481E-10			
575				30.130	6.026	3.392E-10	31.117	6.223	3.736E-10	19.942	3.988	9.833E-11	30.418	6.084	3.490E-10	14.919	2.984	4.117E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17			
576			3.339	0.668	4.617E-13	8.818	1.764	8.502E-12	5.656	1.131	2.243E-12	35.141	7.028	5.380E-10	-46.528	0.000	0.000E+00				
577			24.534	4.907	1.831E-10	-27.381	0.000	0.000E+00	12.183	2.437	2.242E-11	44.040	8.808	1.059E-09	40.267	8.053	8.095E-10				
578			28.578	5.716	2.894E-10	29.910	5.982	3.318E-10	3.869	0.774	7.181E-13	30.149	6.030	3.398E-10	7.937	1.587	6.201E-12				
579			34.514	6.903	5.098E-10	25.348	5.070	2.019E-10	-8.828	0.000	0.000E+00	29.261	5.852	3.106E-10	3.933	0.787	7.546E-13				
580			8.392	1.678	7.328E-12	13.719	2.744	3.202E-11	37.072	7.414	6.317E-10	25.721	5.144	2.110E-10	38.571	7.714	7.115E-10				
581			11.407	2.281	1.840E-11	5.598	1.120	2.175E-12	9.779	1.956	1.159E-11	8.746	1.749	8.295E-12	37.332	7.466	6.451E-10				
582			-5.234	0.000	0.000E+00	12.673	2.535	2.524E-11	8.001	1.600	6.351E-12	-6.577	0.000	0.000E+00	6.947	1.389	4.158E-12				
583			32.331	6.466	4.191E-10	6.223	1.245	2.988E-12	5.119	1.024	1.663E-12	-24.599	0.000	0.000E+00	-3.049	0.000	0.000E+00				
584			30.441	6.088	3.498E-10	9.729	1.946	1.142E-11	33.638	6.728	4.719E-10	60.186	12.037	2.703E-09	29.323	5.865	3.126E-10				
585			-4.609	0.000	0.000E+00	37.171	7.434	6.368E-10	50.536	10.107	1.600E-09	87.253	17.451	8.236E-09	31.014	6.203	3.699E-10				
586			-20.907	0.000	0.000E+00	10.285	2.057	1.349E-11	12.927	2.585	2.679E-11	7.795	1.559	5.872E-12	29.491	5.898	3.180E-10				
587			30.426	6.085	3.492E-10	9.481	1.896	1.057E-11	-6.871	0.000	0.000E+00	17.183	3.437	6.291E-11	50.679	10.136	1.614E-09				
588			54.352	10.870	1.991E-09	-4.809	0.000	0.000E+00	36.545	7.309	6.052E-10	13.350	2.670	2.950E-11	31.240	6.248	3.780E-10				
589			40.610	8.122	8.304E-10	31.375	6.275	3.830E-10	60.645	12.129	2.765E-09	50.454	10.091	1.592E-09	6.037	1.207	2.729E-12				
590			54.772	10.954	2.037E-09	5.893	1.179	2.537E-12	-7.336	0.000	0.000E+00	26.444	5.289	2.293E-10	12.158	2.432	2.229E-11				
591			45.687	9.137	1.182E-09	34.738	6.948	5.197E-10	26.982	5.396	2.436E-10	8.224	1.645	6.896E-12	35.588	7.118	5.588E-10				
592			44.243	8.849	1.074E-09	9.157	1.831	9.519E-12	51.565	10.313	1.700E-09	30.960	6.192	3.679E-10	8.917	1.783	8.791E-12				
593			8.061	1.612	6.494E-12	11.977	2.395	2.130E-11	7.704	1.541	5.669E-12	37.743	7.549	6.666E-10	15.468	3.094	4.589E-11				
594			23.263	4.653	1.561E-10	50.314	10.063	1.579E-09	20.784	4.157	1.113E-10	5.439	1.088	1.995E-12	-66.810	0.000	0.000E+00				
595			54.219	10.844	1.976E-09	26.647	5.329	2.346E-10	10.031	2.006	1.252E-11	26.152	5.230	2.218E-10	32.839	6.568	4.391E-10				
596			28.046	5.609	2.735E-10	10.354	2.071	1.376E-11	7.158	1.432	4.547E-12	60.547	12.109	2.752E-09	135.981	27.196	3.118E-08				
597			6.028	1.206	2.715E-12	21.512	4.302	1.234E-10	24.888	4.978	1.911E-10	29.774	5.955	3.273E-10	4.671	0.934	1.264E-12				
598			6.960	1.392	4.180E-12	6.081	1.216	2.788E-12	31.732	6.346	3.962E-10	24.539	4.908	1.832E-10	39.812	7.962	7.824E-10				
599			-14.065	0.000	0.000E+00	-5.648	0.000	0.000E+00	5.801	1.160	2.421E-12	31.608	6.322	3.916E-10	50.800	10.160	1.625E-09				
600			28.609	5.722	2.903E-10	31.064	6.213	3.717E-10	35.718	7.144	5.650E-10	40.541	8.108	8.262E-10	4.992	0.998	1.543E-12				
601			72.431	14.486	4.712E-09	19.889	3.978	9.755E-11	-9.092	0.000	0.000E+00	25.638	5.128	2.090E-10	51.564	10.313	1.700E-09				
602			49.177	9.835	1.475E-09	9.577	1.915	1.089E-11	25.770	5.154	2.122E-10	51.218	10.244	1.666E-09	39.786	7.957	7.809E-10				
603			21.049	4.210	1.156E-10	5.891	1.178	2.535E-12	10.944	2.189	1.625E-11	63.281	12.656	3.142E-09	23.733	4.747	1.657E-10				
604			34.025	6.805	4.884E-10	13.599	2.720	3.119E-11	24.123	4.825	1.740E-10	7.599	1.520	5.441E-12	27.034	5.407	2.450E-10				
605			25.040	5.008	1.947E-10	24.981	4.996	1.933E-10	18.875	3.775	8.337E-11	4.943	0.989	1.497E-12	10.838	2.168	1.579E-11				
606			5.930	1.186	2.586E-12	17.977	3.595	7.203E-11	66.760	13.352	3.689E-09	-22.799	0.000	0.000E+00	6.748	1.350	3.810E-12				
607			25.406	5.081	2.033E-10	39.199	7.840	7.468E-10	-4.577	0.000	0.000E+00	111.108	22.222	1.701E-08	5.819	1.164	2.443E-12				
608			26.778	5.356	2.381E-10	10.328	2.066	1.366E-11	18.249	3.650	7.535E-11	43.007	8.601	9.863E-10	20.816	4.163	1.118E-10				
609			37.144	7.429	6.354E-10	-16.383	0.000	0.000E+00	-5.248	0.000	0.000E+00	12.431	2.486	2.382E-11	48.390	9.678	1.405E-09				
610			4.521	0.904	1.146E-12	6.472	1.294	3.362E-12	55.496	11.099	2.119E-09	24.478	4.896	1.818E-10	7.171	1.434	4.573E-12				
611			16.652	3.330	5.726E-11	29.811	5.962	3.285E-10	-28.311	0.000	0.000E+00	55.236	11.047	2.090E-09	30.849	6.170	3.640E-10				
612			22.255	4.451	1.367E-10	5.021	1.004	1.569E-12	33.923	6.785	4.840E-10	-36.404	0.000	0.000E+00	7.729	1.546	5.725E-12				
613			46.066	9.213	1.212E-09	22.469	4.494	1.407E-10	63.558	12.712	3.183E-09	4.505	0.901	1.134E-12	10.300	2.060	1.355E-11				
614			-6.937	0.000	0.000E+00	-56.502	0.000	0.000E+00	-8.629	0.000	0.000E+00	41.289	8.258	8.728E-10	27.171	5.434	2.487E-10				
615			63.644	12.729	3.196E-09	27.823	5.565	2.670E-10	21.278	4.256	1.195E-10	-4.937	0.000	0.000E+00	33.549	6.710	4.682E-10				
616			33.864	6.773	4.815E-10	-6.993	0.000	0.000E+00	-31.086	0.000	0.000E+00	7.179	1.436	4.588E-12	23.749	4.750	1.661E-10				
617			43.578	8.716	1.026E-09	68.357	13.671	3.960E-09	2.007	0.401	1.002E-13	19.328	3.866	8.953E-11	31.405	6.281	3.840E-10				
618			8.720	1.744	8.221E-12	4.870	0.974	1.432E-12	60.870	12.174	2.796E-09	28.391	5.678	2.837E-10	7.304	1.461	4.831E-12				
619			-21.327	0.000	0.000E+00	24.472	4.894	1.817E-10	15.654	3.131	4.756E-11	6.853	1.371	3.991E-12	23.816	4.763	1.675E-10				
620			23.139	4.628	1.536E-10	49.776	9.955	1.529E-09	15.114	3.023	4.280E-11	85.296	17.059	7.694E-09	3.505	0.701	5.338E-13				

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
621				13.704	2.741	3.191E-11	5.161	1.032	1.704E-12	-4.106	0.000	0.000E+00	58.175	11.635	2.441E-09	34.091	6.818	4.912E-10			
622				21.891	4.378	1.301E-10	24.826	4.965	1.897E-10	-20.810	0.000	0.000E+00	10.671	2.134	1.507E-11	43.505	8.701	1.021E-09			
623				16.467	3.293	5.537E-11	33.757	6.751	4.770E-10	26.636	5.327	2.343E-10	22.751	4.550	1.460E-10	9.247	1.849	9.804E-12			
624				35.960	7.192	5.766E-10	8.576	1.715	7.820E-12	30.297	6.059	3.448E-10	29.625	5.925	3.224E-10	6.332	1.266	3.147E-12			
625				30.957	6.191	3.678E-10	8.184	1.637	6.796E-12	36.770	7.354	6.164E-10	3.204	0.641	4.079E-13	44.802	8.960	1.115E-09			
626				94.170	18.834	1.035E-08	7.239	1.448	4.704E-12	-9.723	0.000	0.000E+00	9.368	1.874	1.020E-11	96.650	19.330	1.119E-08			
627				40.337	8.067	8.138E-10	8.564	1.713	7.789E-12	9.298	1.860	9.967E-12	35.017	7.003	5.324E-10	32.806	6.561	4.378E-10			
628				4.700	0.940	1.288E-12	31.627	6.325	3.923E-10	-7.167	0.000	0.000E+00	46.182	9.236	1.221E-09	44.799	8.960	1.115E-09			
629				58.461	11.692	2.477E-09	13.182	2.636	2.840E-11	-35.873	0.000	0.000E+00	30.633	6.127	3.564E-10	5.898	1.180	2.545E-12			
630				45.227	9.045	1.147E-09	20.317	4.063	1.040E-10	-7.788	0.000	0.000E+00	30.302	6.060	3.450E-10	28.242	5.648	2.793E-10			
631				30.258	6.052	3.435E-10	19.088	3.818	8.624E-11	31.674	6.335	3.940E-10	-4.451	0.000	0.000E+00	41.378	8.276	8.784E-10			
632				35.222	7.044	5.418E-10	36.615	7.323	6.087E-10	9.492	1.898	1.060E-11	49.137	9.827	1.471E-09	4.521	0.904	1.146E-12			
633				65.923	13.185	3.552E-09	-5.603	0.000	0.000E+00	5.754	1.151	2.362E-12	45.498	9.100	1.168E-09	47.061	9.412	1.292E-09			
634				27.360	5.472	2.539E-10	5.557	1.111	2.128E-12	37.191	7.438	6.378E-10	61.267	12.253	2.851E-09	33.568	6.714	4.690E-10			
635				10.289	2.058	1.351E-11	33.414	6.683	4.626E-10	65.953	13.191	3.557E-09	23.966	4.793	1.707E-10	30.674	6.135	3.578E-10			
636				10.888	2.178	1.600E-11	-6.494	0.000	0.000E+00	26.456	5.291	2.296E-10	62.428	12.486	3.017E-09	8.529	1.706	7.693E-12			
637				10.186	2.037	1.310E-11	27.949	5.590	2.707E-10	14.554	2.911	3.823E-11	44.889	8.978	1.122E-09	36.090	7.218	5.829E-10			
638				12.227	2.445	2.267E-11	23.144	4.629	1.537E-10	6.216	1.243	2.979E-12	41.092	8.218	8.603E-10	44.793	8.959	1.114E-09			
639				8.677	1.735	8.100E-12	108.871	21.774	1.600E-08	7.733	1.547	5.734E-12	30.948	6.190	3.675E-10	32.154	6.431	4.122E-10			
640				27.118	5.424	2.473E-10	48.432	9.686	1.409E-09	29.608	5.922	3.218E-10	57.828	11.566	2.398E-09	36.893	7.379	6.226E-10			
641				5.898	1.180	2.544E-12	13.823	2.765	3.275E-11	10.800	2.160	1.562E-11	63.809	12.762	3.221E-09	43.212	8.642	1.000E-09			
642				30.379	6.076	3.476E-10	9.421	1.884	1.037E-11	12.625	2.525	2.495E-11	42.306	8.461	9.389E-10	58.756	11.751	2.515E-09			
643				29.207	5.841	3.089E-10	-11.961	0.000	0.000E+00	24.248	4.850	1.768E-10	26.450	5.290	2.294E-10	15.193	3.039	4.349E-11			
644				34.125	6.825	4.927E-10	-5.371	0.000	0.000E+00	13.026	2.605	2.741E-11	34.983	6.997	5.308E-10	38.870	7.774	7.282E-10			
645				8.389	1.678	7.320E-12	7.444	1.489	5.114E-12	4.049	0.810	8.228E-13	44.822	8.964	1.117E-09	40.640	8.128	8.323E-10			
646				39.742	7.948	7.783E-10	38.215	7.643	6.920E-10	12.174	2.435	2.237E-11	4.324	0.865	1.003E-12	12.564	2.513	2.459E-11			
647				4.428	0.886	1.076E-12	-29.297	0.000	0.000E+00	16.875	3.375	5.958E-11	60.967	12.193	2.810E-09	7.117	1.423	4.471E-12			
648				9.989	1.998	1.236E-11	16.506	3.301	5.576E-11	10.960	2.192	1.632E-11	32.952	6.590	4.436E-10	68.513	13.703	3.988E-09			
649				19.864	3.973	9.719E-11	40.763	8.153	8.398E-10	41.005	8.201	8.549E-10	51.410	10.282	1.685E-09	10.939	2.188	1.623E-11			
650				27.952	5.590	2.708E-10	13.412	2.682	2.992E-11	37.931	7.586	6.767E-10	6.587	1.317	3.544E-12	45.078	9.016	1.136E-09			
651				64.515	12.903	3.330E-09	28.231	5.646	2.790E-10	7.802	1.560	5.888E-12	28.433	5.687	2.850E-10	32.575	6.515	4.286E-10			
652				32.575	6.515	4.286E-10	5.594	1.119	2.170E-12	26.180	5.236	2.225E-10	-13.090	0.000	0.000E+00	55.090	11.018	2.073E-09			
653				6.365	1.273	3.198E-12	-24.157	0.000	0.000E+00	26.134	5.227	2.213E-10	31.704	6.341	3.951E-10	28.853	5.771	2.978E-10			
654				44.150	8.830	1.067E-09	9.173	1.835	9.569E-12	8.231	1.646	6.913E-12	29.507	5.901	3.185E-10	20.526	4.105	1.072E-10			
655				39.368	7.874	7.565E-10	23.208	4.642	1.550E-10	58.139	11.628	2.437E-09	36.666	7.333	6.112E-10	16.844	3.369	5.926E-11			
656				42.281	8.456	9.372E-10	-5.266	0.000	0.000E+00	8.941	1.788	8.861E-12	43.565	8.713	1.025E-09	-12.478	0.000	0.000E+00			
657				5.607	1.121	2.186E-12	28.188	5.638	2.777E-10	18.863	3.773	8.322E-11	33.723	6.745	4.755E-10	50.431	10.086	1.590E-09			
658				33.213	6.643	4.543E-10	25.827	5.165	2.136E-10	33.277	6.655	4.569E-10	32.579	6.516	4.288E-10	36.324	7.265	5.942E-10			
659				52.754	10.551	1.820E-09	11.055	2.211	1.675E-11	59.281	11.856	2.583E-09	17.861	3.572	7.065E-11	120.640	24.128	2.177E-08			
660				41.903	8.381	9.123E-10	4.253	0.851	9.537E-13	29.881	5.976	3.308E-10	-4.233	0.000	0.000E+00	28.297	5.659	2.809E-10			
661				69.950	13.990	4.244E-09	30.157	6.031	3.401E-10	15.611	3.122	4.717E-11	4.195	0.839	9.154E-13	2.613	0.523	2.213E-13			
662				-54.242	0.000	0.000E+00	-31.473	0.000	0.000E+00	27.432	5.486	2.560E-10	-4.918	0.000	0.000E+00	43.397	8.679	1.013E-09			
663				35.864	7.173	5.720E-10	28.162	5.632	2.769E-10	-13.279	0.000	0.000E+00	29.962	5.992	3.335E-10	46.558	9.312	1.251E-09			
664				77.523	15.505	5.777E-09	-53.782	0.000	0.000E+00	58.176	11.635	2.441E-09	55.570	11.114	2.128E-09	95.583	19.117	1.083E-08			
665				72.157	14.431	4.658E-09	38.114	7.623	6.865E-10	31.647	6.329	3.930E-10	-36.272	0.000	0.000E+00	-8.882	0.000	0.000E+00			

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
666			39.289	7.858	7.520E-10	57.897	11.579	2.406E-09	7.814	1.563	5.917E-12	26.593	5.319	2.332E-10	23.103	4.621	1.529E-10			
667			51.640	10.328	1.707E-09	24.099	4.820	1.735E-10	9.097	1.819	9.334E-12	6.324	1.265	3.136E-12	-32.211	0.000	0.000E+00			
668			36.471	7.294	6.015E-10	64.553	12.911	3.335E-09	-5.515	0.000	0.000E+00	39.675	7.935	7.743E-10	-14.234	0.000	0.000E+00			
669			74.883	14.977	5.206E-09	-25.839	0.000	0.000E+00	15.709	3.142	4.806E-11	36.076	7.215	5.822E-10	23.606	4.721	1.631E-10			
670			38.161	7.632	6.890E-10	94.226	18.845	1.037E-08	7.601	1.520	5.446E-12	21.042	4.208	1.155E-10	11.576	2.315	1.924E-11			
671			35.436	7.087	5.517E-10	47.358	9.472	1.317E-09	30.450	6.090	3.501E-10	53.285	10.657	1.876E-09						
672			34.311	6.862	5.008E-10	26.757	5.351	2.375E-10	-26.428	0.000	0.000E+00	53.673	10.735	1.917E-09						
673			55.455	11.091	2.114E-09	31.274	6.255	3.793E-10	7.361	1.472	4.946E-12	20.965	4.193	1.143E-10						
674			-41.857	0.000	0.000E+00	8.297	1.659	7.082E-12	-4.264	0.000	0.000E+00	23.369	4.674	1.582E-10						
675			54.264	10.853	1.981E-09	66.658	13.332	3.672E-09	29.362	5.872	3.139E-10	47.909	9.582	1.363E-09						
676			6.896	1.379	4.067E-12	29.786	5.957	3.277E-10	25.000	5.000	1.937E-10	36.875	7.375	6.217E-10						
677			29.797	5.959	3.280E-10	25.030	5.006	1.944E-10	65.765	13.153	3.527E-09	46.753	9.351	1.267E-09						
678			56.940	11.388	2.289E-09	25.792	5.158	2.127E-10	63.557	12.711	3.183E-09	6.139	1.228	2.869E-12						
679			38.034	7.607	6.822E-10	23.175	4.635	1.543E-10	24.043	4.809	1.723E-10	43.193	8.639	9.992E-10						
680			41.219	8.244	8.683E-10	27.803	5.561	2.665E-10	6.335	1.267	3.152E-12	58.334	11.667	2.461E-09						
681			27.662	5.532	2.624E-10	45.884	9.177	1.198E-09	33.366	6.673	4.606E-10	35.620	7.124	5.603E-10						
682			50.734	10.147	1.619E-09	31.196	6.239	3.764E-10	56.956	11.391	2.291E-09	-21.801	0.000	0.000E+00						
683			50.630	10.126	1.609E-09	21.469	4.294	1.227E-10	7.641	1.528	5.531E-12	47.257	9.451	1.309E-09						
684			82.721	16.544	7.018E-09	32.899	6.580	4.415E-10	14.898	2.980	4.100E-11	29.829	5.966	3.291E-10						
685			10.916	2.183	1.613E-11	27.146	5.429	2.480E-10	10.194	2.039	1.314E-11	50.753	10.151	1.621E-09						
686			40.393	8.079	8.172E-10	50.397	10.079	1.587E-09	49.469	9.894	1.501E-09	113.359	22.672	1.806E-08						
687			65.558	13.112	3.494E-09	-6.172	0.000	0.000E+00	63.471	12.694	3.170E-09	36.121	7.224	5.844E-10						
688			35.549	7.110	5.570E-10	32.586	6.517	4.290E-10	33.285	6.657	4.572E-10	7.313	1.463	4.849E-12						
689			53.432	10.686	1.891E-09	8.995	1.799	9.023E-12	-37.527	0.000	0.000E+00	22.755	4.551	1.461E-10						
690			38.938	7.788	7.320E-10	43.189	8.638	9.989E-10	-59.693	0.000	0.000E+00	55.316	11.063	2.099E-09						
691			48.491	9.698	1.414E-09	8.720	1.744	8.221E-12	30.496	6.099	3.517E-10	25.514	5.103	2.059E-10						
692			36.622	7.324	6.090E-10	50.383	10.077	1.586E-09	12.949	2.590	2.692E-11	59.925	11.985	2.668E-09						
693			46.268	9.254	1.228E-09	28.606	5.721	2.902E-10	40.998	8.200	8.544E-10	-3.181	0.000	0.000E+00						
694			26.267	5.253	2.247E-10	58.053	11.611	2.426E-09	-6.861	0.000	0.000E+00	46.640	9.328	1.258E-09						
695			27.125	5.425	2.474E-10	28.429	5.686	2.849E-10	-22.154	0.000	0.000E+00	25.021	5.004	1.942E-10						
696			6.485	1.297	3.382E-12	12.831	2.566	2.619E-11	24.909	4.982	1.916E-10	45.747	9.149	1.187E-09						
697			28.902	5.780	2.994E-10	7.366	1.473	4.955E-12	15.927	3.185	5.010E-11	36.641	7.328	6.100E-10						
698			8.050	1.610	6.467E-12	20.527	4.105	1.072E-10	7.324	1.465	4.871E-12	25.164	5.033	1.976E-10						
699			32.551	6.510	4.276E-10	23.229	4.646	1.554E-10	10.790	2.158	1.557E-11	32.175	6.435	4.130E-10						
700			-5.003	0.000	0.000E+00	62.475	12.495	3.024E-09	99.517	19.903	1.222E-08	7.908	1.582	6.133E-12						
701			33.731	6.746	4.759E-10	5.035	1.007	1.583E-12	37.920	7.584	6.761E-10	38.593	7.719	7.127E-10						
702			30.421	6.084	3.491E-10	16.349	3.270	5.419E-11	75.065	15.013	5.245E-09	71.549	14.310	4.542E-09						
703			35.494	7.099	5.544E-10	6.252	1.250	3.030E-12	-5.189	0.000	0.000E+00	-3.258	0.000	0.000E+00						
704			62.478	12.496	3.024E-09	50.189	10.038	1.568E-09	54.719	10.944	2.031E-09	-16.621	0.000	0.000E+00						
705			25.323	5.065	2.013E-10	7.539	1.508	5.313E-12	30.984	6.197	3.688E-10	27.892	5.578	2.690E-10						
706			57.355	11.471	2.339E-09	36.679	7.336	6.118E-10	-24.548	0.000	0.000E+00	28.529	5.706	2.879E-10						
707			60.694	12.139	2.772E-09	37.497	7.499	6.537E-10	12.874	2.575	2.645E-11	6.011	1.202	2.693E-12						
708			73.385	14.677	4.900E-09	73.268	14.654	4.877E-09	37.463	7.493	6.519E-10	45.012	9.002	1.131E-09						
709			58.665	11.733	2.503E-09	7.406	1.481	5.037E-12	-19.944	0.000	0.000E+00	8.169	1.634	6.760E-12						
710			31.989	6.398	4.059E-10	30.459	6.092	3.504E-10	56.713	11.343	2.262E-09	45.675	9.135	1.182E-09						

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																				
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7	
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)
	SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17	
711				18.212	3.642	7.490E-11	31.046	6.209	3.710E-10	94.593	18.919	1.049E-08	45.309	9.062	1.153E-09					
712				17.643	3.529	6.809E-11	44.747	8.949	1.111E-09	-29.931	0.000	0.000E+00	27.349	5.470	2.536E-10					
713				39.052	7.810	7.385E-10	91.550	18.310	9.514E-09	21.158	4.232	1.174E-10	3.492	0.698	5.281E-13					
714				53.629	10.726	1.912E-09	53.076	10.615	1.854E-09	50.582	10.116	1.605E-09	41.439	8.288	8.823E-10					
715				55.555	11.111	2.126E-09	-3.965	0.000	0.000E+00	3.544	0.709	5.521E-13	56.395	11.279	2.224E-09					
716				29.940	5.988	3.328E-10	28.808	5.762	2.964E-10	-39.432	0.000	0.000E+00	7.812	1.562	5.912E-12					
717				43.576	8.715	1.026E-09	25.785	5.157	2.126E-10	35.672	7.134	5.628E-10	39.545	7.909	7.668E-10					
718				76.133	15.227	5.471E-09	58.615	11.723	2.497E-09	-27.186	0.000	0.000E+00	6.749	1.350	3.811E-12					
719				28.933	5.787	3.003E-10	27.945	5.589	2.706E-10	29.676	5.935	3.240E-10	-1.998	0.000	0.000E+00					
720				29.662	5.932	3.236E-10	40.354	8.071	8.148E-10	26.738	5.348	2.370E-10	28.468	5.694	2.861E-10					
721				5.829	1.166	2.456E-12	68.355	13.671	3.960E-09	16.186	3.237	5.258E-11	22.224	4.445	1.361E-10					
722				46.761	9.352	1.268E-09	30.149	6.030	3.398E-10	9.011	1.802	9.071E-12	45.144	9.029	1.141E-09					
723				74.554	14.911	5.138E-09	99.258	19.852	1.213E-08	7.768	1.554	5.812E-12	33.755	6.751	4.769E-10					
724				23.426	4.685	1.594E-10	86.691	17.338	8.078E-09	4.935	0.987	1.490E-12	33.425	6.685	4.630E-10					
725				69.847	13.969	4.225E-09	102.159	20.432	1.322E-08	88.532	17.706	8.604E-09	31.254	6.251	3.785E-10					
726				27.357	5.471	2.539E-10	26.834	5.367	2.396E-10	39.403	7.881	7.585E-10	27.724	5.545	2.642E-10					
727				62.242	12.448	2.990E-09	4.179	0.836	9.046E-13	53.848	10.770	1.936E-09	54.623	10.925	2.021E-09					
728				79.444	15.889	6.217E-09	44.883	8.977	1.121E-09	62.930	12.586	3.090E-09	42.830	8.566	9.742E-10					
729				32.464	6.493	4.242E-10	50.640	10.128	1.610E-09	26.999	5.400	2.440E-10	25.870	5.174	2.147E-10					
730				38.207	7.641	6.915E-10	39.438	7.888	7.605E-10	8.094	1.619	6.574E-12	48.897	9.779	1.450E-09					
731				37.132	7.426	6.348E-10	26.615	5.323	2.338E-10	10.578	2.116	1.467E-11	-12.424	0.000	0.000E+00					
732				30.122	6.024	3.389E-10	35.764	7.153	5.672E-10	32.144	6.429	4.118E-10	5.248	1.050	1.792E-12					
733				44.699	8.940	1.107E-09	74.078	14.816	5.040E-09	77.330	15.466	5.734E-09	31.138	6.228	3.743E-10					
734				84.285	16.857	7.424E-09	25.283	5.057	2.004E-10	48.175	9.635	1.386E-09	23.674	4.735	1.645E-10					
735				55.311	11.062	2.098E-09	6.072	1.214	2.776E-12	29.252	5.850	3.104E-10	-12.536	0.000	0.000E+00					
736				12.980	2.596	2.712E-11	5.330	1.066	1.878E-12	61.267	12.253	2.851E-09	24.757	4.951	1.881E-10					
737				21.775	4.355	1.280E-10	58.768	11.754	2.517E-09	47.619	9.524	1.339E-09	42.081	8.416	9.239E-10					
738				39.656	7.931	7.732E-10	66.891	13.378	3.711E-09	-62.895	0.000	0.000E+00	46.761	9.352	1.268E-09					
739				47.972	9.594	1.369E-09	31.499	6.300	3.875E-10	85.097	17.019	7.641E-09	29.671	5.934	3.239E-10					
740				31.662	6.332	3.935E-10	29.994	5.999	3.346E-10	68.168	13.634	3.928E-09	-33.202	0.000	0.000E+00					
741				21.796	4.359	1.284E-10	44.791	8.958	1.114E-09	69.648	13.930	4.189E-09	26.949	5.390	2.427E-10					
742				25.608	5.122	2.082E-10	37.678	7.536	6.632E-10	64.534	12.907	3.332E-09	2.791	0.558	2.694E-13					
743				46.752	9.350	1.267E-09	75.077	15.015	5.247E-09	9.185	1.837	9.609E-12	19.820	3.964	9.654E-11					
744							12.632	2.526	2.499E-11	24.514	4.903	1.827E-10	49.615	9.923	1.514E-09					
745							-3.219	0.000	0.000E+00	58.353	11.671	2.464E-09	34.931	6.986	5.285E-10					
746							31.792	6.358	3.984E-10	56.930	11.386	2.288E-09	38.760	7.752	7.220E-10					
747							142.513	28.503	3.589E-08	9.526	1.905	1.072E-11	6.905	1.381	4.082E-12					
748							39.069	7.814	7.394E-10	15.050	3.010	4.227E-11	34.761	6.952	5.208E-10					
749							31.806	6.361	3.989E-10	14.163	2.833	3.522E-11	103.028	20.606	1.356E-08					
750							40.178	8.036	8.042E-10	7.114	1.423	4.465E-12	16.267	3.253	5.337E-11					
751							24.806	4.961	1.893E-10	32.881	6.576	4.408E-10	18.765	3.753	8.193E-11					
752							4.639	0.928	1.238E-12	63.763	12.753	3.214E-09	45.811	9.162	1.192E-09					
753							-4.326	0.000	0.000E+00	37.410	7.482	6.492E-10	26.813	5.363	2.390E-10					
754							27.391	5.478	2.548E-10	10.546	2.109	1.454E-11	24.390	4.878	1.799E-10					
755							33.108	6.622	4.500E-10	72.213	14.443	4.669E-09	35.074	7.015	5.350E-10					

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17			
756						42.910	8.582	9.796E-10	49.200	9.840	1.477E-09	35.473	7.095	5.535E-10							
757						12.405	2.481	2.367E-11	-12.014	0.000	0.000E+00	17.877	3.575	7.084E-11							
758						44.526	8.905	1.095E-09	-3.628	0.000	0.000E+00	7.492	1.498	5.215E-12							
759						44.756	8.951	1.112E-09	31.720	6.344	3.957E-10	43.768	8.754	1.040E-09							
760						40.613	8.123	8.306E-10	82.448	16.490	6.949E-09	39.423	7.885	7.597E-10							
761						44.644	8.929	1.103E-09	14.798	2.960	4.018E-11	32.649	6.530	4.315E-10							
762						43.697	8.739	1.035E-09	30.086	6.017	3.377E-10	24.219	4.844	1.761E-10							
763						75.427	15.085	5.321E-09	13.939	2.788	3.358E-11	76.801	15.360	5.617E-09							
764						57.739	11.548	2.387E-09	7.634	1.527	5.516E-12	43.578	8.716	1.026E-09							
765						5.937	1.187	2.595E-12	32.822	6.564	4.384E-10	76.121	15.224	5.469E-09							
766						25.821	5.164	2.134E-10	58.271	11.654	2.453E-09	33.449	6.690	4.640E-10							
767						24.759	4.952	1.882E-10	74.420	14.884	5.111E-09	41.801	8.360	9.056E-10							
768						65.272	13.054	3.448E-09	69.647	13.929	4.189E-09	64.741	12.948	3.365E-09							
769						27.531	5.506	2.587E-10	52.389	10.478	1.783E-09	29.483	5.897	3.178E-10							
770						15.299	3.060	4.440E-11	63.478	12.696	3.171E-09	38.430	7.686	7.037E-10							
771						3.954	0.791	7.663E-13	69.896	13.979	4.234E-09	29.055	5.811	3.041E-10							
772						21.593	4.319	1.248E-10	-28.090	0.000	0.000E+00	8.629	1.726	7.968E-12							
773						8.101	1.620	6.592E-12	36.597	7.319	6.077E-10	51.421	10.284	1.686E-09							
774						29.892	5.978	3.312E-10	72.768	14.554	4.778E-09	48.911	9.782	1.451E-09							
775						71.989	14.398	4.626E-09	33.251	6.650	4.558E-10	41.703	8.341	8.993E-10							
776						10.059	2.012	1.262E-11	43.656	8.731	1.032E-09	29.563	5.913	3.204E-10							
777						44.498	8.900	1.092E-09	24.408	4.882	1.803E-10	29.168	5.834	3.077E-10							
778						50.897	10.179	1.635E-09	29.971	5.994	3.338E-10	1.595	0.319	5.033E-14							
779						49.328	9.866	1.488E-09	84.429	16.886	7.462E-09	25.769	5.154	2.122E-10							
780						49.536	9.907	1.507E-09	36.220	7.244	5.892E-10	26.986	5.397	2.437E-10							
781						34.474	6.895	5.080E-10	20.740	4.148	1.106E-10	23.087	4.617	1.526E-10							
782						66.741	13.348	3.686E-09	11.931	2.386	2.106E-11	26.240	5.248	2.240E-10							
783						27.133	5.427	2.477E-10	47.049	9.410	1.291E-09	46.975	9.395	1.285E-09							
784						-56.312	0.000	0.000E+00	33.090	6.618	4.492E-10	45.478	9.096	1.166E-09							
785						37.048	7.410	6.305E-10	5.148	1.030	1.692E-12	24.528	4.906	1.830E-10							
786						42.228	8.446	9.336E-10	27.958	5.592	2.710E-10	30.173	6.035	3.406E-10							
787						26.004	5.201	2.180E-10	43.993	8.799	1.056E-09	87.892	17.578	8.419E-09							
788						21.088	4.218	1.163E-10	21.574	4.315	1.245E-10	9.712	1.942	1.136E-11							
789						113.776	22.755	1.826E-08	56.311	11.262	2.214E-09	34.857	6.971	5.251E-10							
790						35.083	7.017	5.354E-10	13.004	2.601	2.727E-11	31.700	6.340	3.950E-10							
791						45.332	9.066	1.155E-09	26.513	5.303	2.311E-10										
792						35.243	7.049	5.428E-10	55.226	11.045	2.088E-09										
793						59.301	11.860	2.586E-09	74.252	14.850	5.076E-09										
794						42.850	8.570	9.756E-10	45.892	9.178	1.198E-09										
795						67.572	13.514	3.825E-09	37.486	7.497	6.531E-10										
796						23.641	4.728	1.638E-10	30.995	6.199	3.692E-10										
797						26.475	5.295	2.301E-10	23.263	4.653	1.561E-10										
798						72.494	14.499	4.724E-09	52.271	10.454	1.771E-09										
799						36.715	7.343	6.136E-10	53.633	10.727	1.913E-09										
800						66.773	13.355	3.691E-09	30.620	6.124	3.560E-10										

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17			
801						63.482	12.696	3.172E-09	50.358	10.072	1.583E-09										
802						70.526	14.105	4.349E-09	72.915	14.583	4.807E-09										
803						9.723	1.945	1.140E-11	46.502	9.300	1.247E-09										
804						-61.760	0.000	0.000E+00	17.217	3.443	6.328E-11										
805						58.711	11.742	2.509E-09	45.675	9.135	1.181E-09										
806						66.491	13.298	3.645E-09	45.616	9.123	1.177E-09										
807						93.200	18.640	1.004E-08	-26.694	0.000	0.000E+00										
808						3.826	0.765	6.942E-13	29.959	5.992	3.334E-10										
809						55.785	11.157	2.152E-09	27.556	5.511	2.595E-10										
810						69.831	13.966	4.222E-09	34.112	6.822	4.922E-10										
811						48.185	9.637	1.387E-09	3.141	0.628	3.841E-13										
812						25.147	5.029	1.972E-10	20.132	4.026	1.012E-10										
813						7.158	1.432	4.548E-12	3.577	0.715	5.673E-13										
814						62.842	12.568	3.077E-09	77.216	15.443	5.708E-09										
815						7.158	1.432	4.547E-12	33.007	6.601	4.459E-10										
816						52.397	10.479	1.784E-09	22.403	4.481	1.394E-10										
817						35.504	7.101	5.549E-10	30.782	6.156	3.616E-10										
818						71.318	14.264	4.498E-09	73.180	14.636	4.859E-09										
819						55.697	11.139	2.142E-09	37.329	7.466	6.450E-10										
820						6.673	1.335	3.684E-12	19.905	3.981	9.778E-11										
821						35.724	7.145	5.653E-10	-0.867	0.000	0.000E+00										
822						23.938	4.788	1.701E-10	-22.330	0.000	0.000E+00										
823						-20.355	0.000	0.000E+00	28.897	5.779	2.992E-10										
824						40.825	8.165	8.437E-10	109.497	21.899	1.628E-08										
825						17.766	3.553	6.952E-11	27.948	5.590	2.707E-10										
826						47.100	9.420	1.296E-09	53.585	10.717	1.908E-09										
827						25.787	5.157	2.126E-10	35.224	7.045	5.419E-10										
828						33.290	6.658	4.574E-10	70.047	14.009	4.261E-09										
829						23.152	4.630	1.539E-10	15.411	3.082	4.538E-11										
830						44.962	8.992	1.127E-09	6.223	1.245	2.989E-12										
831									75.750	15.150	5.389E-09										
832									33.734	6.747	4.760E-10										
833									37.685	7.537	6.636E-10										
834									92.552	18.510	9.830E-09										
835									15.335	3.067	4.471E-11										
836									49.650	9.930	1.518E-09										
837									26.522	5.304	2.313E-10										
838									36.742	7.348	6.150E-10										
839									54.383	10.877	1.994E-09										
840									73.100	14.620	4.843E-09										
841									28.436	5.687	2.851E-10										
842									65.832	13.166	3.538E-09										
843									13.561	2.712	3.092E-11										
844									70.645	14.129	4.372E-09										
845									38.464	7.693	7.056E-10										

Data: Flyover 1 - Span 9 (25.00 m) - IG-03																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG17	200000	11.8097	SG17			SG17			SG17			SG17			SG17			SG17		
									40.001	8.000	7.936E-10									

Flyover 1 - Span 9 (25.00 m) - IG-04
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4			Day 5			Day 6			Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage
Max.	30.043	4.203E-08	Max.	27.137	3.097E-08	Max.	42.094	1.156E-07	Max.	39.046	9.226E-08	Max.	27.561	3.245E-08	Max.	29.740	4.077E-08	Max.	14.501	4.726E-09
Cum.	-	2.416E-07	Cum.	-	5.864E-07	Cum.	-	7.947E-07	Cum.	-	8.163E-07	Cum.	-	5.863E-07	Cum.	-	5.693E-07	Cum.	-	2.793E-08

Data: Flyover 1 - Span 9 (25.00 m) - IG-04

		Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
		SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
1		-7.599	0.000	0.000E+00	24.337	4.867	1.787E-10	7.346	1.469	4.915E-12	15.307	3.061	4.447E-11	9.767	1.953	1.155E-11	5.814	1.163	2.436E-12	1.430	0.286	3.628E-14
2		-6.868	0.000	0.000E+00	33.336	6.667	4.593E-10	13.348	2.670	2.949E-11	36.477	7.295	6.018E-10	4.169	0.834	8.985E-13	6.877	1.375	4.033E-12	4.156	0.831	8.900E-13
3		76.844	15.369	5.626E-09	53.022	10.604	1.848E-09	8.242	1.648	6.941E-12	8.911	1.782	8.773E-12	13.562	2.712	3.093E-11	-8.805	0.000	0.000E+00	30.129	6.026	3.391E-10
4		11.321	2.264	1.799E-11	20.198	4.040	1.022E-10	10.812	2.162	1.567E-11	16.768	3.354	5.846E-11	8.208	1.642	6.855E-12	5.841	1.168	2.470E-12	18.719	3.744	8.133E-11
5		14.467	2.893	3.754E-11	6.981	1.396	4.218E-12	5.421	1.084	1.976E-12	-6.110	0.000	0.000E+00	11.848	2.370	2.062E-11	8.080	1.616	6.541E-12	7.063	1.413	4.369E-12
6		-4.732	0.000	0.000E+00	14.556	2.911	3.824E-11	15.944	3.189	5.025E-11	-3.246	0.000	0.000E+00	9.543	1.909	1.077E-11	6.531	1.306	3.454E-12	0.725	0.145	4.730E-15
7		-11.342	0.000	0.000E+00	9.733	1.947	1.143E-11	4.643	0.929	1.241E-12	45.101	9.020	1.137E-09	58.474	11.695	2.479E-09	8.954	1.791	8.901E-12	2.386	0.477	1.685E-13
8		-6.439	0.000	0.000E+00	25.391	5.078	2.030E-10	8.115	1.623	6.625E-12	5.466	1.093	2.025E-12	10.450	2.090	1.415E-11	61.736	12.347	2.917E-09	4.824	0.965	1.392E-12
9		15.205	3.041	4.359E-11	13.014	2.603	2.733E-11	5.853	1.171	2.486E-12	-8.488	0.000	0.000E+00	16.845	3.369	5.926E-11	26.423	5.285	2.287E-10	1.827	0.365	7.566E-14
10		6.681	1.336	3.697E-12	17.493	3.499	6.637E-11	15.009	3.002	4.192E-11	10.615	2.123	1.483E-11	3.227	0.645	4.166E-13	9.328	1.866	1.006E-11	9.476	1.895	1.055E-11
11		-6.744	0.000	0.000E+00	5.928	1.186	2.583E-12	16.301	3.260	5.370E-11	6.673	1.335	3.684E-12	67.922	13.584	3.885E-09	17.766	3.553	6.953E-11	15.593	3.119	4.701E-11
12		6.135	1.227	2.864E-12	13.108	2.622	2.793E-11	1.723	0.345	6.341E-14	29.558	5.912	3.202E-10	4.130	0.826	8.738E-13	44.684	8.937	1.106E-09	1.480	0.296	4.017E-14
13		8.973	1.795	8.957E-12	37.139	7.428	6.352E-10	7.271	1.454	4.766E-12	21.700	4.340	1.267E-10	7.625	1.525	5.497E-12	12.282	2.456	2.297E-11	10.747	2.149	1.539E-11
14		11.707	2.341	1.990E-11	9.620	1.924	1.104E-11	22.295	4.459	1.374E-10	22.788	4.558	1.467E-10	13.126	2.625	2.804E-11	6.619	1.324	3.596E-12	17.101	3.420	6.201E-11
15		52.001	10.400	1.744E-09	18.311	3.662	7.612E-11	30.690	6.138	3.584E-10	15.007	3.001	4.191E-11	10.574	2.115	1.466E-11	16.984	3.397	6.074E-11	6.575	1.315	3.524E-12
16		42.088	8.418	9.244E-10	12.275	2.455	2.293E-11	13.397	2.679	2.981E-11	8.156	1.631	6.726E-12	87.994	17.599	8.448E-09	6.623	1.325	3.602E-12	20.174	4.035	1.018E-10
17		10.937	2.187	1.622E-11	28.991	5.798	3.021E-10	9.337	1.867	1.009E-11	-9.951	0.000	0.000E+00	6.328	1.266	3.143E-12	6.504	1.301	3.412E-12	5.929	1.186	2.585E-12
18		-9.324	0.000	0.000E+00	13.796	2.759	3.255E-11	12.088	2.418	2.190E-11	5.427	1.085	1.982E-12	78.724	15.745	6.049E-09	58.401	11.680	2.470E-09	15.376	3.075	4.507E-11
19		22.947	4.589	1.498E-10	20.061	4.012	1.001E-10	7.340	1.468	4.902E-12	22.073	4.415	1.333E-10	16.239	3.248	5.309E-11	-2.305	0.000	0.000E+00	13.194	2.639	2.848E-11
20		87.273	17.455	8.242E-09	13.365	2.673	2.960E-11	61.906	12.381	2.942E-09	5.741	1.148	2.347E-12	9.573	1.915	1.088E-11	7.780	1.556	5.838E-12	3.853	0.771	7.090E-13
21		-10.852	0.000	0.000E+00	17.577	3.515	6.734E-11	45.238	9.048	1.148E-09	13.346	2.669	2.947E-11	15.879	3.176	4.964E-11	131.673	26.335	2.831E-08	7.615	1.523	5.475E-12
22		69.253	13.851	4.118E-09	-5.178	0.000	0.000E+00	7.914	1.583	6.145E-12	52.731	10.546	1.818E-09	58.791	11.758	2.520E-09	9.478	1.896	1.056E-11	16.321	3.264	5.391E-11
23		8.262	1.652	6.992E-12	11.982	2.396	2.133E-11	45.656	9.131	1.180E-09	6.085	1.217	2.793E-12	4.248	0.850	9.506E-13	57.725	11.545	2.385E-09	11.290	2.258	1.784E-11
24		60.509	12.102	2.747E-09	13.689	2.738	3.181E-11	55.057	11.011	2.069E-09	7.420	1.484	5.066E-12	13.888	2.778	3.321E-11	13.675	2.735	3.171E-11	9.151	1.830	9.501E-12
25		66.911	13.382	3.714E-09	21.362	4.272	1.209E-10	6.565	1.313	3.509E-12	5.283	1.057	1.828E-12	36.006	7.201	5.788E-10	37.116	7.423	6.340E-10	18.079	3.616	7.326E-11
26		-38.374	0.000	0.000E+00	14.013	2.803	3.412E-11	9.614	1.923	1.102E-11	23.822	4.764	1.676E-10	9.704	1.941	1.133E-11	68.730	13.746	4.026E-09	14.974	2.995	4.163E-11
27		68.084	13.617	3.913E-09	43.974	8.795	1.054E-09	145.007	29.001	3.781E-08	-19.383	0.000	0.000E+00	48.758	9.752	1.437E-09	31.661	6.332	3.935E-10	18.511	3.702	7.865E-11
28		-6.120	0.000	0.000E+00	33.416	6.683	4.626E-10	25.186	5.037	1.981E-10	47.587	9.517	1.336E-09	3.606	0.721	5.815E-13	-5.133	0.000	0.000E+00	1.789	0.358	7.099E-14
29		11.140	2.228	1.714E-11	39.464	7.893	7.621E-10	5.539	1.108	2.107E-12	51.923	10.385	1.736E-09	12.508	2.502	2.427E-11	7.264	1.453	4.752E-12	14.088	2.818	3.467E-11
30		11.367	2.273	1.821E-11	62.621	12.524	3.045E-09	13.542	2.708	3.079E-11	26.661	5.332	2.350E-10	6.805	1.361	3.907E-12	57.835	11.567	2.399E-09	16.629	3.326	5.702E-11
31		-13.407	0.000	0.000E+00	14.436	2.887	3.730E-11	24.508	4.902	1.825E-10	25.923	5.185	2.160E-10	31.443	6.289	3.854E-10	18.229	3.646	7.511E-11	9.704	1.941	1.133E-11
32		60.584	12.117	2.757E-09	32.972	6.594	4.445E-10	32.747	6.549	4.354E-10	13.361	2.672	2.957E-11	9.647	1.929	1.113E-11	9.370	1.874	1.020E-11	17.851	3.570	7.053E-11
33		6.767	1.353	3.843E-12	19.383	3.877	9.030E-11	43.713	8.743	1.036E-09	22.225	4.445	1.361E-10	4.198	0.840	9.171E-13	-5.210	0.000	0.000E+00	17.340	3.468	6.464E-11
34		67.309	13.462	3.781E-09	9.836	1.967	1.180E-11	26.469	5.294	2.299E-10	9.872	1.974	1.193E-11	4.668	0.934	1.261E-12	5.704	1.141	2.301E-12	13.483	2.697	3.039E-11
35		8.203	1.641	6.843E-12	135.683	27.137	3.097E-08	8.338	1.668	7.188E-12	8.604	1.721	7.897E-12	14.147	2.829	3.511E-11	50.745	10.149	1.620E-09	20.592	4.118	1.083E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
36	15.423	3.085	4.549E-11	43.035	8.607	9.882E-10	79.696	15.939	6.276E-09	6.884	1.377	4.046E-12	8.199	1.640	6.834E-12	6.010	1.202	2.692E-12	9.312	1.862	1.001E-11
37	-5.531	0.000	0.000E+00	18.856	3.771	8.313E-11	7.195	1.439	4.618E-12	23.669	4.734	1.644E-10	6.920	1.384	4.108E-12	2.478	0.496	1.887E-13	10.217	2.043	1.322E-11
38	66.944	13.389	3.720E-09	20.045	4.009	9.986E-11	10.919	2.184	1.614E-11	28.317	5.663	2.815E-10	35.861	7.172	5.718E-10	1.322	0.264	2.867E-14	17.934	3.587	7.151E-11
39	70.036	14.007	4.260E-09	21.749	4.350	1.276E-10	13.791	2.758	3.252E-11	21.411	4.282	1.217E-10	-7.780	0.000	0.000E+00	10.297	2.059	1.354E-11	9.603	1.921	1.098E-11
40	-9.035	0.000	0.000E+00	22.896	4.579	1.488E-10	12.190	2.438	2.246E-11	33.249	6.650	4.558E-10	7.251	1.450	4.727E-12	27.150	5.430	2.481E-10	13.619	2.724	3.132E-11
41	8.665	1.733	8.068E-12	5.629	1.126	2.211E-12	15.036	3.007	4.215E-11	74.939	14.988	5.218E-09	39.643	7.929	7.725E-10	18.511	3.702	7.865E-11	10.420	2.084	1.403E-11
42	14.638	2.928	3.889E-11	13.511	2.702	3.058E-11	12.940	2.588	2.687E-11	24.421	4.884	1.806E-10	8.524	1.705	7.680E-12	9.897	1.979	1.202E-11	13.473	2.695	3.032E-11
43	7.326	1.465	4.876E-12	37.117	7.423	6.340E-10	9.276	1.855	9.895E-12	41.798	8.360	9.055E-10	27.386	5.477	2.547E-10	36.860	7.372	6.209E-10	3.018	0.604	3.410E-13
44	-3.659	0.000	0.000E+00	9.622	1.924	1.105E-11	30.794	6.159	3.621E-10	30.583	6.117	3.547E-10	10.032	2.006	1.252E-11	3.571	0.714	5.648E-13	8.046	1.609	6.459E-12
45	5.895	1.179	2.541E-12	38.098	7.620	6.857E-10	21.264	4.253	1.192E-10	20.890	4.178	1.130E-10	39.247	7.849	7.496E-10	9.591	1.918	1.094E-11	10.753	2.151	1.542E-11
46	86.102	17.220	7.914E-09	8.416	1.683	7.390E-12	14.079	2.816	3.460E-11	-9.271	0.000	0.000E+00	67.050	13.410	3.738E-09	14.342	2.868	3.658E-11	4.209	0.842	9.246E-13
47	6.137	1.227	2.866E-12	41.718	8.344	9.003E-10	22.316	4.463	1.378E-10	19.114	3.823	8.658E-11	39.002	7.800	7.356E-10	8.470	1.694	7.534E-12	14.525	2.905	3.799E-11
48	54.079	10.816	1.961E-09	10.487	2.097	1.430E-11	31.137	6.227	3.743E-10	12.710	2.542	2.546E-11	9.288	1.858	9.934E-12	82.761	16.552	7.029E-09	15.805	3.161	4.896E-11
49	6.116	1.223	2.836E-12	6.781	1.356	3.865E-12	18.387	3.677	7.708E-11	40.456	8.091	8.210E-10	6.577	1.315	3.528E-12	-9.614	0.000	0.000E+00	19.191	3.838	8.764E-11
50	14.139	2.828	3.504E-11	15.057	3.011	4.233E-11	11.286	2.257	1.782E-11	12.126	2.425	2.211E-11	4.426	0.885	1.075E-12	7.414	1.483	5.053E-12	11.467	2.293	1.869E-11
51	5.126	1.025	1.670E-12	62.406	12.481	3.013E-09	-8.324	0.000	0.000E+00	23.235	4.647	1.555E-10	21.307	4.261	1.199E-10	50.145	10.029	1.563E-09	18.087	3.617	7.337E-11
52	8.087	1.617	6.557E-12	10.886	2.177	1.600E-11	16.068	3.214	5.144E-11	10.430	2.086	1.407E-11	3.280	0.656	4.375E-13	14.655	2.931	3.902E-11	14.259	2.852	3.595E-11
53	88.101	17.620	8.479E-09	16.907	3.381	5.993E-11	11.676	2.335	1.974E-11	20.656	4.131	1.093E-10	11.726	2.345	1.999E-11	5.540	1.108	2.108E-12	4.202	0.840	9.202E-13
54	5.604	1.121	2.182E-12	12.310	2.462	2.313E-11	5.152	1.030	1.695E-12	9.527	1.905	1.072E-11	16.372	3.274	5.441E-11	29.819	5.964	3.287E-10	13.629	2.726	3.139E-11
55	-7.707	0.000	0.000E+00	12.446	2.489	2.390E-11	35.322	7.064	5.464E-10	21.756	4.351	1.277E-10	13.145	2.629	2.816E-11	8.498	1.700	7.609E-12	15.773	3.155	4.866E-11
56	12.224	2.445	2.265E-11	5.250	1.050	1.794E-12	7.482	1.496	5.194E-12	14.332	2.866	3.650E-11	13.795	2.759	3.255E-11	-3.681	0.000	0.000E+00	14.228	2.846	3.572E-11
57	9.198	1.840	9.648E-12	8.642	1.728	8.001E-12	8.608	1.722	7.909E-12	8.177	1.635	6.779E-12	5.673	1.135	2.264E-12	6.579	1.316	3.530E-12	10.919	2.184	1.614E-11
58	7.858	1.572	6.017E-12	15.980	3.196	5.059E-11	14.636	2.927	3.887E-11	9.446	1.889	1.045E-11	71.652	14.330	4.561E-09	10.393	2.079	1.392E-11	17.642	3.528	6.808E-11
59	-9.698	0.000	0.000E+00	105.241	21.048	1.445E-08	16.913	3.383	5.998E-11	24.812	4.962	1.894E-10	11.802	2.360	2.038E-11	14.180	2.836	3.535E-11	21.948	4.390	1.311E-10
60	65.754	13.151	3.525E-09	12.344	2.469	2.332E-11	8.025	1.605	6.408E-12	14.893	2.979	4.096E-11	14.187	2.837	3.541E-11	67.415	13.483	3.799E-09	20.074	4.015	1.003E-10
61	72.204	14.441	4.667E-09	85.999	17.200	7.886E-09	22.054	4.411	1.330E-10	11.733	2.347	2.003E-11	2.783	0.557	2.673E-13	18.608	3.722	7.989E-11	13.361	2.672	2.957E-11
62	-54.726	0.000	0.000E+00	12.244	2.449	2.276E-11	36.321	7.264	5.941E-10	147.156	29.431	3.951E-08	9.502	1.900	1.064E-11	55.319	11.064	2.099E-09	14.707	2.941	3.945E-11
63	14.219	2.844	3.564E-11	9.884	1.977	1.197E-11	-6.123	0.000	0.000E+00	-55.391	0.000	0.000E+00	6.488	1.298	3.386E-12	24.544	4.909	1.833E-10	12.932	2.586	2.682E-11
64	15.741	3.148	4.836E-11	16.214	3.243	5.285E-11	9.949	1.990	1.221E-11	81.215	16.243	6.642E-09	14.067	2.813	3.451E-11	9.857	1.971	1.188E-11	13.084	2.617	2.777E-11
65	15.426	3.085	4.551E-11	9.790	1.958	1.163E-11	13.665	2.733	3.164E-11	15.150	3.030	4.311E-11	5.645	1.129	2.230E-12	69.318	13.864	4.130E-09	19.069	3.814	8.598E-11
66	17.877	3.575	7.084E-11	63.717	12.743	3.207E-09	7.147	1.429	4.527E-12	8.230	1.646	6.912E-12	18.305	3.661	7.606E-11	37.995	7.599	6.801E-10	16.694	3.339	5.768E-11
67	40.772	8.154	8.404E-10	16.780	3.356	5.858E-11	48.512	9.702	1.416E-09	11.399	2.280	1.836E-11	9.810	1.962	1.171E-11	8.777	1.755	8.384E-12	14.021	2.804	3.418E-11
68	5.925	1.185	2.579E-12	1.860	0.372	7.974E-14	15.881	3.176	4.966E-11	5.195	1.039	1.738E-12	54.286	10.857	1.984E-09	77.154	15.431	5.695E-09	14.642	2.928	3.892E-11
69	6.824	1.365	3.940E-12	19.540	3.908	9.250E-11	20.734	4.147	1.105E-10	14.031	2.806	3.425E-11	28.036	5.607	2.732E-10	36.656	7.331	6.107E-10	11.408	2.282	1.841E-11
70	62.881	12.576	3.083E-09	62.786	12.557	3.069E-09	5.481	1.096	2.042E-12	10.838	2.168	1.579E-11	3.834	0.767	6.989E-13	-14.288	0.000	0.000E+00	18.707	3.741	8.118E-11
71	9.815	1.963	1.173E-11	11.142	2.228	1.715E-11	20.242	4.048	1.028E-10	75.386	15.077	5.312E-09	10.549	2.110	1.456E-11	2.823	0.565	2.788E-13	11.851	2.370	2.064E-11
72	42.883	8.577	9.778E-10	39.911	7.982	7.882E-10	35.608	7.122	5.598E-10	38.162	7.632	6.891E-10	8.139	1.628	6.686E-12	8.182	1.636	6.792E-12	1.853	0.371	7.890E-14
73	73.847	14.769	4.993E-09	21.648	4.330	1.258E-10	-1.382	0.000	0.000E+00	5.546	1.109	2.115E-12	57.081	11.416	2.306E-09	38.439	7.688	7.042E-10	16.820	3.364	5.900E-11
74	6.881	1.376	4.041E-12	16.659	3.332	5.732E-11	20.092	4.018	1.006E-10	10.527	2.105	1.446E-11	7.795	1.559	5.872E-12	25.963	5.193	2.170E-10	16.128	3.226	5.202E-11
75	5.390	1.078	1.942E-12	9.092	1.818	9.320E-12	60.943	12.189	2.806E-09	22.737	4.547	1.457E-10	43.059	8.612	9.899E-10	10.934	2.187	1.621E-11	19.033	3.807	8.549E-11
76	-6.058	0.000	0.000E+00	19.777	3.955	9.591E-11	21.195	4.239	1.181E-10	48.873	9.775	1.447E-09	11.875	2.375	2.076E-11	6.467	1.293	3.353E-12	17.864	3.573	7.069E-11
77	12.298	2.460	2.306E-11	10.222	2.044	1.324E-11	35.241	7.048	5.427E-10	28.231	5.646	2.790E-10	9.719	1.944	1.138E-11	13.242	2.648	2.879E-11	17.346	3.469	6.471E-11
78	26.103	5.221	2.205E-10	47.097	9.419	1.295E-09	11.669	2.334	1.970E-11	9.272	1.854	9.883E-12	33.892	6.778	4.827E-10	4.485	0.897	1.119E-12	11.985	2.397	2.135E-11
79	10.149	2.030	1.296E-11	85.971	17.194	7.879E-09	15.912	3.182	4.995E-11	10.417	2.083	1.402E-11	28.701	5.740	2.932E-10	63.909	12.782	3.237E-09	16.844	3.369	5.925E-11
80	9.875	1.975	1.194E-11	29.304	5.861	3.120E-10	1.859	0.372	7.966E-14	6.263	1.253	3.046E-12	15.903	3.181	4.987E-11	7.812	1.562	5.911E-12	20.439	4.088	1.059E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
81	8.018	1.604	6.391E-12	4.157	0.831	8.905E-13	24.709	4.942	1.870E-10	-5.441	0.000	0.000E+00	43.354	8.671	1.010E-09	41.862	8.372	9.096E-10	14.503	2.901	3.782E-11
82	4.216	0.843	9.292E-13	9.687	1.937	1.127E-11	33.360	6.672	4.603E-10	8.233	1.647	6.921E-12	12.359	2.472	2.341E-11	49.473	9.895	1.501E-09	14.387	2.877	3.692E-11
83	8.615	1.723	7.928E-12	15.185	3.037	4.342E-11	12.970	2.594	2.705E-11	67.445	13.489	3.804E-09	74.294	14.859	5.084E-09	9.290	1.858	9.942E-12	13.870	2.774	3.308E-11
84	8.985	1.797	8.994E-12	17.490	3.498	6.634E-11	6.645	1.329	3.638E-12	18.575	3.715	7.946E-11	8.669	1.734	8.079E-12	15.301	3.060	4.442E-11	21.944	4.389	1.310E-10
85	7.339	1.468	4.901E-12	63.701	12.740	3.205E-09	12.462	2.492	2.400E-11	20.162	4.032	1.016E-10	17.107	3.421	6.208E-11	59.430	11.886	2.603E-09	17.484	3.497	6.626E-11
86	8.976	1.795	8.968E-12	14.066	2.813	3.450E-11	56.891	11.378	2.283E-09	-2.697	0.000	0.000E+00	32.480	6.496	4.248E-10	4.834	0.967	1.401E-12	11.619	2.324	1.945E-11
87	61.615	12.323	2.900E-09	6.387	1.277	3.231E-12	31.621	6.324	3.920E-10	6.638	1.328	3.627E-12	-5.862	0.000	0.000E+00	59.528	11.906	2.616E-09	12.592	2.518	2.476E-11
88	6.480	1.296	3.374E-12	7.451	1.490	5.129E-12	58.347	11.669	2.463E-09	11.445	2.289	1.859E-11	53.001	10.600	1.846E-09	4.590	0.918	1.199E-12	11.150	2.230	1.719E-11
89	48.265	9.653	1.394E-09	73.026	14.605	4.829E-09	13.733	2.747	3.211E-11	24.696	4.939	1.868E-10	-9.466	0.000	0.000E+00	20.080	4.016	1.004E-10	20.852	4.170	1.124E-10
90	20.135	4.027	1.012E-10	9.439	1.888	1.043E-11	-37.938	0.000	0.000E+00	28.388	5.678	2.837E-10	63.231	12.646	3.135E-09	12.932	2.586	2.681E-11	12.794	2.559	2.597E-11
91	14.834	2.967	4.047E-11	23.446	4.689	1.598E-10	72.853	14.571	4.794E-09	22.499	4.500	1.412E-10	21.729	4.346	1.272E-10	44.118	8.824	1.065E-09	21.617	4.323	1.253E-10
92	-3.184	0.000	0.000E+00	13.857	2.771	3.299E-11	34.381	6.876	5.039E-10	9.175	1.835	9.577E-12	31.430	6.286	3.850E-10	20.216	4.043	1.024E-10	10.320	2.064	1.363E-11
93	104.234	20.847	1.404E-08	39.888	7.978	7.869E-10	3.184	0.637	4.002E-13	28.353	5.671	2.826E-10	34.547	6.909	5.113E-10	0.901	0.180	9.078E-15	10.408	2.082	1.398E-11
94	20.685	4.137	1.097E-10	7.529	1.506	5.291E-12	-32.462	0.000	0.000E+00	17.898	3.580	7.110E-11	10.105	2.021	1.279E-11	13.393	2.679	2.979E-11	15.790	3.158	4.881E-11
95	21.339	4.268	1.205E-10	4.107	0.821	8.591E-13	-12.071	0.000	0.000E+00	10.918	2.184	1.614E-11	44.536	8.907	1.095E-09	22.198	4.440	1.356E-10	23.996	4.799	1.713E-10
96	9.909	1.982	1.207E-11	24.724	4.945	1.874E-10	73.899	14.780	5.004E-09	14.977	2.995	4.166E-11	23.215	4.643	1.551E-10	4.720	0.944	1.304E-12	13.564	2.713	3.094E-11
97	64.476	12.895	3.323E-09	8.514	1.703	7.652E-12	59.432	11.886	2.603E-09	20.621	4.124	1.087E-10	20.084	4.017	1.004E-10	15.238	3.048	4.387E-11	12.740	2.548	2.564E-11
98	7.515	1.503	5.263E-12	26.786	5.357	2.383E-10	13.762	2.752	3.232E-11	5.213	1.043	1.756E-12	17.269	3.454	6.386E-11	71.500	14.300	4.532E-09	-14.975	0.000	0.000E+00
99	55.946	11.189	2.171E-09	37.245	7.449	6.406E-10	11.115	2.223	1.702E-11	11.509	2.302	1.890E-11	8.234	1.647	6.921E-12	-55.403	0.000	0.000E+00	12.879	2.576	2.649E-11
100	55.173	11.035	2.082E-09	80.367	16.073	6.436E-09	30.426	6.085	3.492E-10	12.496	2.499	2.419E-11	-55.815	0.000	0.000E+00	16.454	3.291	5.524E-11	12.965	2.593	2.702E-11
101	55.738	11.148	2.147E-09	11.211	2.242	1.747E-11	21.678	4.336	1.263E-10	25.163	5.033	1.976E-10	72.625	14.525	4.749E-09	13.358	2.672	2.955E-11	11.395	2.279	1.834E-11
102	19.758	3.952	9.564E-11	24.753	4.951	1.880E-10	-34.589	0.000	0.000E+00	10.383	2.077	1.388E-11	2.262	0.452	1.435E-13	11.680	2.336	1.975E-11	14.013	2.803	3.412E-11
103	23.361	4.672	1.581E-10	69.295	13.859	4.126E-09	31.256	6.251	3.786E-10	13.206	2.641	2.855E-11	-3.405	0.000	0.000E+00	68.877	13.775	4.051E-09	14.071	2.814	3.454E-11
104	29.885	5.977	3.309E-10	76.799	15.360	5.616E-09	9.589	1.918	1.093E-11	23.531	4.706	1.616E-10	-19.683	0.000	0.000E+00	56.257	11.251	2.208E-09	16.184	3.237	5.256E-11
105	54.102	10.820	1.963E-09	27.117	5.423	2.472E-10	0.647	0.129	3.363E-15	12.489	2.498	2.415E-11	49.244	9.849	1.481E-09	15.901	3.180	4.985E-11	15.988	3.198	5.068E-11
106	83.662	16.732	7.261E-09	23.624	4.725	1.635E-10	12.083	2.417	2.188E-11	57.709	11.542	2.383E-09	76.901	15.380	5.639E-09	7.044	1.409	4.333E-12	2.632	0.526	2.261E-13
107	17.158	3.432	6.264E-11	22.137	4.427	1.345E-10	7.411	1.482	5.046E-12	71.048	14.210	4.447E-09	6.358	1.272	3.187E-12	73.252	14.650	4.874E-09	15.610	3.122	4.716E-11
108	10.696	2.139	1.517E-11	19.813	3.963	9.644E-11	20.611	4.122	1.086E-10	26.676	5.335	2.354E-10	30.855	6.171	3.642E-10	41.054	8.211	8.579E-10	8.756	1.751	8.323E-12
109	6.902	1.380	4.076E-12	66.841	13.368	3.703E-09	16.150	3.230	5.223E-11	10.558	2.112	1.459E-11	21.957	4.391	1.313E-10	62.644	12.529	3.048E-09	13.312	2.662	2.925E-11
110	82.407	16.481	6.939E-09	14.752	2.950	3.981E-11	5.210	1.042	1.754E-12	11.134	2.227	1.711E-11	10.944	2.189	1.625E-11	10.278	2.056	1.346E-11	16.255	3.251	5.326E-11
111	39.117	7.823	7.421E-10	13.650	2.730	3.153E-11	75.525	15.105	5.341E-09	10.411	2.082	1.399E-11	113.807	22.761	1.828E-08	54.173	10.835	1.971E-09	14.553	2.911	3.822E-11
112	8.041	1.608	6.445E-12	14.538	2.908	3.810E-11	31.206	6.241	3.768E-10	14.929	2.986	4.126E-11	11.328	2.266	1.803E-11	11.806	2.361	2.040E-11	11.034	2.207	1.666E-11
113	10.466	2.093	1.421E-11	26.031	5.206	2.187E-10	17.796	3.559	6.988E-11	23.712	4.742	1.653E-10	31.525	6.305	3.885E-10	72.823	14.565	4.788E-09	12.824	2.565	2.615E-11
114	11.707	2.341	1.990E-11	12.686	2.537	2.531E-11	49.448	9.890	1.499E-09	29.030	5.806	3.034E-10	12.586	2.517	2.472E-11	35.284	7.057	5.447E-10	11.805	2.361	2.040E-11
115	59.334	11.867	2.590E-09	70.443	14.089	4.334E-09	45.244	9.049	1.148E-09	10.225	2.045	1.325E-11	4.862	0.972	1.425E-12	67.393	13.479	3.795E-09	18.141	3.628	7.403E-11
116	11.689	2.338	1.980E-11	20.841	4.168	1.122E-10	14.043	2.809	3.434E-11	10.001	2.000	1.240E-11	7.359	1.472	4.941E-12	14.318	2.864	3.640E-11	16.334	3.267	5.403E-11
117	7.510	1.502	5.252E-12	6.736	1.347	3.790E-12	21.361	4.272	1.208E-10	23.909	4.782	1.695E-10	99.620	19.924	1.226E-08	6.907	1.381	4.085E-12	11.716	2.343	1.994E-11
118	8.170	1.634	6.762E-12	55.518	11.104	2.122E-09	19.098	3.820	8.637E-11	49.668	9.934	1.519E-09	29.893	5.979	3.312E-10	58.479	11.696	2.480E-09	12.402	2.480	2.365E-11
119	64.112	12.822	3.267E-09	10.307	2.061	1.358E-11	8.597	1.719	7.879E-12	14.344	2.869	3.659E-11	-72.707	0.000	0.000E+00	14.756	2.951	3.984E-11	13.142	2.628	2.815E-11
120	9.360	1.872	1.017E-11	76.842	15.368	5.626E-09	17.696	3.539	6.871E-11	36.631	7.326	6.095E-10	10.979	2.196	1.641E-11	23.310	4.662	1.570E-10	15.722	3.144	4.819E-11
121	5.976	1.195	2.646E-12	6.450	1.290	3.327E-12	55.578	11.116	2.129E-09	-18.812	0.000	0.000E+00	27.385	5.477	2.546E-10	53.688	10.738	1.919E-09	12.804	2.561	2.603E-11
122	-10.016	0.000	0.000E+00	74.095	14.819	5.044E-09	29.711	5.942	3.252E-10	19.068	3.814	8.596E-11	20.904	4.181	1.313E-10	9.282	1.856	9.917E-12	4.383	0.877	1.044E-12
123	69.489	13.898	4.160E-09	-6.477	0.000	0.000E+00	7.289	1.458	4.801E-12	21.045	4.209	1.156E-10	20.316	4.063	1.040E-10	17.356	3.471	6.482E-11	15.804	3.161	4.894E-11
124	6.535	1.307	3.460E-12	52.877	10.575	1.833E-09	57.268	11.454	2.329E-09	15.639	3.128	4.743E-11	15.588	3.118	4.696E-11	26.836	5.367	2.396E-10	12.848	2.570	2.629E-11
125	27.881	5.576	2.687E-10	-9.769	0.000	0.000E+00	71.671	14.334	4.565E-09	7.480	1.496	5.189E-12	74.146	14.829	5.054E-09	53.453	10.691	1.894E-09	17.496	3.499	6.641E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
126	150.216	30.043	4.203E-08	38.214	7.643	6.919E-10	48.859	9.772	1.446E-09	5.667	1.133	2.256E-12	9.332	1.866	1.008E-11	75.408	15.082	5.317E-09	4.369	0.874	1.034E-12
127	35.773	7.155	5.676E-10	40.133	8.027	8.015E-10	25.225	5.045	1.990E-10	72.177	14.435	4.662E-09	72.087	14.417	4.645E-09	7.813	1.563	5.914E-12	3.551	0.710	5.551E-13
128	-9.001	0.000	0.000E+00	8.238	1.648	6.932E-12	25.141	5.028	1.970E-10	13.046	2.609	2.753E-11	8.238	1.648	6.931E-12	80.244	16.049	6.407E-09	11.798	2.360	2.036E-11
129	5.708	1.142	2.306E-12	23.116	4.623	1.532E-10	83.507	16.701	7.220E-09	11.965	2.393	2.124E-11	20.203	4.041	1.022E-10	-2.031	0.000	0.000E+00	14.084	2.817	3.464E-11
130	6.821	1.364	3.936E-12	8.176	1.635	6.776E-12	60.390	12.078	2.731E-09	15.842	3.168	4.930E-11	7.463	1.493	5.155E-12	67.579	13.516	3.827E-09	10.579	2.116	1.468E-11
131	7.528	1.506	5.289E-12	7.703	1.541	5.668E-12	42.744	8.549	9.683E-10	9.120	1.824	9.405E-12	49.751	9.950	1.527E-09	75.093	15.019	5.250E-09	14.171	2.834	3.529E-11
132	-9.107	0.000	0.000E+00	13.450	2.690	3.017E-11	8.693	1.739	8.145E-12	9.014	1.803	9.080E-12	10.177	2.035	1.307E-11	12.126	2.425	2.211E-11	17.640	3.528	6.806E-11
133	7.359	1.472	4.942E-12	6.004	1.201	2.684E-12	1.782	0.356	7.018E-14	5.610	1.122	2.190E-12	20.905	4.181	1.133E-10	6.971	1.394	4.200E-12	12.831	2.566	2.620E-11
134	80.322	16.064	6.425E-09	7.328	1.466	4.878E-12	20.176	4.035	1.018E-10	48.554	9.711	1.419E-09	6.050	1.210	2.745E-12	80.348	16.070	6.432E-09	33.996	6.799	4.872E-10
135	39.679	7.936	7.746E-10	10.771	2.154	1.549E-11	9.661	1.932	1.118E-11	32.544	6.509	4.274E-10	16.395	3.279	5.465E-11	-8.642	0.000	0.000E+00	-1.944	0.000	0.000E+00
136	7.319	1.464	4.861E-12	64.729	12.946	3.363E-09	-14.297	0.000	0.000E+00	6.094	1.219	2.805E-12	31.755	6.351	3.970E-10	6.804	1.361	3.906E-12	9.481	1.896	1.057E-11
137	12.105	2.421	2.200E-11	22.249	4.450	1.366E-10	51.222	10.244	1.666E-09	51.016	10.203	1.646E-09	67.559	13.512	3.823E-09	7.935	1.587	6.195E-12	19.841	3.968	9.684E-11
138	11.890	2.378	2.084E-11	17.354	3.471	6.481E-11	105.643	21.129	1.462E-08	-6.886	0.000	0.000E+00	75.845	15.169	5.410E-09	16.796	3.359	5.875E-11	2.712	0.542	2.475E-13
139	8.916	1.783	8.789E-12	7.927	1.585	6.177E-12	11.019	2.204	1.659E-11	19.207	3.841	8.785E-11	5.781	1.156	2.395E-12	5.042	1.008	1.589E-12	11.177	2.235	1.731E-11
140	12.471	2.494	2.405E-11	43.641	8.728	1.031E-09	66.901	13.380	3.713E-09	41.760	8.352	9.030E-10	21.204	4.241	1.182E-10	26.080	5.216	2.200E-10	15.166	3.033	4.325E-11
141	37.639	7.528	6.611E-10	20.593	4.119	1.083E-10	19.659	3.932	9.420E-11	14.736	2.947	3.968E-11	16.848	3.370	5.930E-11	1.856	0.371	7.932E-14	16.343	3.269	5.412E-11
142	38.779	7.756	7.231E-10	77.451	15.490	5.761E-09	18.875	3.775	8.338E-11	15.358	3.072	4.491E-11	-15.169	0.000	0.000E+00	15.426	3.085	4.552E-11	19.274	3.855	8.878E-11
143	17.619	3.524	6.781E-11	135.616	27.123	3.093E-08	-18.669	0.000	0.000E+00	14.500	2.900	3.780E-11	12.739	2.548	2.563E-11	42.752	8.550	9.689E-10	2.329	0.466	1.566E-13
144	13.671	2.734	3.168E-11	19.941	3.988	9.831E-11	-32.472	0.000	0.000E+00	26.212	5.242	2.233E-10	19.208	3.842	8.787E-11	10.338	2.068	1.370E-11	16.548	3.310	5.619E-11
145	8.844	1.769	8.578E-12	15.918	3.184	5.001E-11	101.098	20.220	1.281E-08	62.108	12.422	2.971E-09	17.147	3.429	6.251E-11	12.974	2.595	2.708E-11	12.062	2.412	2.176E-11
146	-4.271	0.000	0.000E+00	8.368	1.674	7.264E-12	15.700	3.140	4.799E-11	28.388	5.678	2.837E-10	54.456	10.891	2.002E-09	37.993	7.599	6.800E-10	16.882	3.376	5.966E-11
147	65.188	13.038	3.435E-09	23.366	4.673	1.582E-10	19.443	3.889	9.113E-11	10.249	2.050	1.335E-11	-83.538	0.000	0.000E+00	7.335	1.467	4.894E-12	11.622	2.324	1.946E-11
148	7.872	1.574	6.048E-12	76.463	15.293	5.543E-09	127.180	25.436	2.551E-08	-9.922	0.000	0.000E+00	12.906	2.581	2.666E-11	48.624	9.725	1.425E-09	13.602	2.720	3.120E-11
149	10.670	2.134	1.506E-11	38.921	7.784	7.311E-10	73.131	14.626	4.850E-09	17.452	3.490	6.590E-11	5.515	1.103	2.080E-12	10.926	2.185	1.617E-11	-4.354	0.000	0.000E+00
150	9.609	1.922	1.100E-11	19.493	3.899	9.184E-11	74.829	14.966	5.195E-09	23.617	4.723	1.633E-10	54.321	10.864	1.987E-09	54.111	10.822	1.965E-09	17.821	3.564	7.018E-11
151	16.187	3.237	5.259E-11	63.643	12.729	3.196E-09	14.576	2.915	3.840E-11	41.950	8.390	9.154E-10	74.695	14.939	5.167E-09	13.368	2.674	2.962E-11	8.128	1.626	6.657E-12
152	55.210	11.042	2.087E-09	70.546	14.109	4.353E-09	64.789	12.958	3.372E-09	40.487	8.097	8.229E-10	8.773	1.755	8.373E-12	52.051	10.410	1.749E-09	13.329	2.666	2.936E-11
153	35.334	7.067	5.470E-10	14.517	2.903	3.794E-11	13.902	2.780	3.332E-11	21.175	4.235	1.177E-10	56.221	11.244	2.203E-09	10.336	2.067	1.369E-11	5.884	1.177	2.525E-12
154	-14.391	0.000	0.000E+00	71.353	14.271	4.504E-09	19.799	3.960	9.623E-11	-19.974	0.000	0.000E+00	12.264	2.453	2.287E-11	10.898	2.180	1.605E-11	5.677	1.135	2.269E-12
155	33.129	6.626	4.508E-10	12.703	2.541	2.542E-11	71.999	14.400	4.628E-09	11.853	2.371	2.065E-11	33.633	6.727	4.717E-10	-4.995	0.000	0.000E+00	-2.771	0.000	0.000E+00
156	16.728	3.346	5.804E-11	27.340	5.468	2.534E-10	65.083	13.017	3.418E-09	49.914	9.983	1.542E-09	7.987	1.597	6.319E-12	2.057	0.411	1.079E-13	14.783	2.957	4.006E-11
157	-25.276	0.000	0.000E+00	72.923	14.585	4.808E-09	74.146	14.829	5.054E-09	14.826	2.965	4.041E-11	11.804	2.361	2.039E-11	10.019	2.004	1.247E-11	11.442	2.288	1.857E-11
158	16.531	3.306	5.601E-11	15.762	3.152	4.855E-11	18.531	3.706	7.890E-11	7.991	1.598	6.327E-12	62.516	12.503	3.029E-09	49.417	9.883	1.496E-09	12.089	2.418	2.190E-11
159	39.850	7.970	7.846E-10	52.345	10.469	1.778E-09	8.216	1.643	6.876E-12	26.727	5.345	2.367E-10	19.674	3.935	9.442E-11	42.601	8.520	9.586E-10	18.886	3.777	8.352E-11
160	50.417	10.083	1.589E-09	8.997	1.799	9.029E-12	-83.882	0.000	0.000E+00	126.249	25.250	2.495E-08	16.820	3.364	5.900E-11	6.360	1.272	3.189E-12	12.387	2.477	2.356E-11
161	21.244	4.249	1.189E-10	20.946	4.189	1.139E-10	210.469	42.094	1.156E-07	4.147	0.829	8.846E-13	7.437	1.487	5.099E-12	66.187	13.237	3.595E-09	15.806	3.161	4.897E-11
162	9.569	1.914	1.086E-11	51.087	10.217	1.653E-09	4.677	0.935	1.268E-12	116.266	23.253	1.949E-08	74.166	14.833	5.058E-09	1.476	0.295	3.990E-14	2.474	0.495	1.878E-13
163	14.787	2.957	4.009E-11	5.123	1.025	1.667E-12	5.300	1.060	1.846E-12	19.457	3.891	9.133E-11	10.017	2.003	1.246E-11	13.861	2.772	3.302E-11	15.875	3.175	4.960E-11
164	63.283	12.657	3.142E-09	9.009	1.802	9.065E-12	54.879	10.976	2.049E-09	81.874	16.375	6.805E-09	11.911	2.382	2.095E-11	10.826	2.165	1.573E-11	-2.063	0.000	0.000E+00
165	6.716	1.343	3.757E-12	-5.126	0.000	0.000E+00	5.312	1.062	1.859E-12	23.986	4.797	1.711E-10	11.290	2.258	1.784E-11	2.206	0.441	1.331E-13	12.883	2.577	2.651E-11
166	6.466	1.293	3.351E-12	14.882	2.976	4.087E-11	-9.900	0.000	0.000E+00	66.085	13.217	3.578E-09	70.908	14.182	4.421E-09	49.526	9.905	1.506E-09	13.371	2.674	2.964E-11
167	9.010	1.802	9.070E-12	18.653	3.731	8.048E-11	14.023	2.805	3.419E-11	21.020	4.204	1.152E-10	25.321	5.064	2.013E-10	60.020	12.004	2.681E-09	16.572	3.314	5.643E-11
168	27.177	5.435	2.489E-10	8.752	1.750	8.313E-12	87.966	17.593	8.440E-09	15.558	3.112	4.669E-11	48.896	9.779	1.450E-09	-2.204	0.000	0.000E+00	13.794	2.759	3.254E-11
169	11.312	2.262	1.795E-11	79.705	15.941	6.278E-09	32.980	6.596	4.448E-10	16.424	3.285	5.493E-11	4.606	0.921	1.211E-12	10.577	2.115	1.467E-11	3.037	0.607	3.473E-13
170	8.105	1.621	6.601E-12	10.081	2.016	1.270E-11	-9.451	0.000	0.000E+00	-13.179	0.000	0.000E+00	31.954	6.391	4.045E-10	-2.503	0.000	0.000E+00	6.423	1.285	3.285E-12

Data: Flyover 1 - Span 9 (25.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
171	7.002	1.400	4.257E-12	21.094	4.219	1.164E-10	5.106	1.021	1.651E-12	12.626	2.525	2.496E-11	56.839	11.368	2.277E-09	54.512	10.902	2.008E-09	72.507	14.501	4.726E-09
172	9.216	1.843	9.707E-12	59.490	11.898	2.611E-09	79.664	15.933	6.269E-09	68.508	13.702	3.987E-09	12.048	2.410	2.169E-11	5.805	1.161	2.426E-12	11.206	2.241	1.745E-11
173	14.904	2.981	4.105E-11	12.218	2.444	2.262E-11	6.745	1.349	3.805E-12	24.999	5.000	1.937E-10	73.991	14.798	5.023E-09	58.870	11.774	2.530E-09	12.231	2.446	2.269E-11
174	39.841	7.968	7.841E-10	4.403	0.881	1.058E-12	32.469	6.494	4.244E-10	10.132	2.026	1.290E-11	81.452	16.290	6.700E-09	8.127	1.625	6.654E-12	12.237	2.447	2.272E-11
175	-2.224	0.000	0.000E+00	61.282	12.256	2.854E-09	16.026	3.205	5.104E-11	70.086	14.017	4.269E-09	16.706	3.341	5.781E-11	17.465	3.493	6.605E-11	15.504	3.101	4.621E-11
176	60.697	12.139	2.773E-09	9.924	1.985	1.212E-11	18.584	3.717	7.958E-11	4.916	0.983	1.473E-12	70.965	14.193	4.431E-09	11.151	2.230	1.719E-11	3.135	0.627	3.819E-13
177	9.471	1.894	1.053E-11	55.512	11.102	2.121E-09	104.955	20.991	1.433E-08	73.492	14.698	4.922E-09	9.772	1.954	1.157E-11	8.442	1.688	7.459E-12	12.917	2.583	2.672E-11
178	2.974	0.595	3.263E-13	18.505	3.701	7.857E-11	7.526	1.505	5.286E-12	1.440	0.288	3.701E-14	67.764	13.553	3.858E-09	5.265	1.053	1.810E-12	11.878	2.376	2.078E-11
179	16.743	3.349	5.819E-11	9.192	1.838	9.629E-12	60.896	12.179	2.800E-09	38.052	7.610	6.831E-10	10.765	2.153	1.547E-11	-1.708	0.000	0.000E+00	18.503	3.701	7.855E-11
180	77.842	15.568	5.848E-09	78.567	15.713	6.013E-09	34.483	6.897	5.084E-10	14.529	2.906	3.803E-11	9.362	1.872	1.017E-11	23.130	4.626	1.534E-10	18.389	3.678	7.710E-11
181	4.695	0.939	1.284E-12	72.654	14.531	4.755E-09	8.392	1.678	7.328E-12	5.447	1.089	2.003E-12	12.485	2.497	2.413E-11	7.014	1.403	4.279E-12	15.673	3.135	4.773E-11
182	123.478	24.696	2.334E-08	7.246	1.449	4.717E-12	14.507	2.901	3.786E-11	2.333	0.467	1.574E-13	3.871	0.774	7.193E-13	6.421	1.284	3.282E-12	17.911	3.582	7.124E-11
183	9.525	1.905	1.071E-11	11.877	2.375	2.078E-11	19.173	3.835	8.739E-11	50.220	10.044	1.570E-09	10.063	2.013	1.264E-11	4.847	0.969	1.412E-12	13.842	2.768	3.288E-11
184	53.006	10.601	1.847E-09	37.938	7.588	6.770E-10	-50.726	0.000	0.000E+00	6.453	1.291	3.332E-12	8.990	1.798	9.010E-12	6.558	1.312	3.498E-12	14.967	2.993	4.157E-11
185	64.647	12.929	3.350E-09	63.950	12.790	3.243E-09	72.535	14.507	4.732E-09	12.090	2.418	2.191E-11	51.119	10.224	1.656E-09	9.465	1.893	1.051E-11	1.964	0.393	9.392E-14
186				22.240	4.448	1.364E-10	21.713	4.343	1.269E-10	10.579	2.116	1.468E-11	13.639	2.728	3.146E-11	4.365	0.873	1.031E-12	17.945	3.589	7.165E-11
187				17.624	3.525	6.787E-11	51.690	10.338	1.712E-09	60.447	12.089	2.739E-09	66.064	13.213	3.575E-09	5.120	1.024	1.664E-12	11.134	2.227	1.711E-11
188				23.151	4.630	1.538E-10	2.013	0.403	1.011E-13	24.197	4.839	1.757E-10	12.555	2.511	2.454E-11	8.198	1.640	6.833E-12	13.550	2.710	3.084E-11
189				15.558	3.112	4.669E-11	5.576	1.115	2.149E-12	11.904	2.381	2.091E-11	10.674	2.135	1.508E-11	2.588	0.518	2.148E-13	17.744	3.549	6.928E-11
190				52.733	10.547	1.818E-09	6.400	1.280	3.250E-12	44.255	8.851	1.075E-09	2.926	0.585	3.108E-13	5.193	1.039	1.736E-12	14.319	2.864	3.640E-11
191				75.489	15.098	5.334E-09	46.137	9.227	1.218E-09	17.062	3.412	6.159E-11	67.041	13.408	3.736E-09	5.921	1.184	2.574E-12	12.078	2.416	2.185E-11
192				89.321	17.864	8.836E-09	70.278	14.056	4.304E-09	36.180	7.236	5.872E-10	-5.460	0.000	0.000E+00	-8.780	0.000	0.000E+00	14.519	2.904	3.795E-11
193				12.347	2.469	2.334E-11	5.096	1.019	1.641E-12	31.454	6.291	3.858E-10	1.545	0.309	4.568E-14	21.176	4.235	1.177E-10	16.682	3.336	5.756E-11
194				14.503	2.901	3.783E-11	10.553	2.111	1.457E-11	60.161	12.032	2.700E-09	-5.381	0.000	0.000E+00	6.719	1.344	3.761E-12	14.843	2.969	4.055E-11
195				77.313	15.463	5.730E-09	80.725	16.145	6.523E-09	46.678	9.336	1.261E-09	80.345	16.069	6.431E-09	16.089	3.218	5.164E-11	2.533	0.507	2.015E-13
196				7.695	1.539	5.649E-12	15.328	3.066	4.465E-11	22.623	4.525	1.436E-10	68.336	13.667	3.957E-09	4.892	0.978	1.451E-12	-1.668	0.000	0.000E+00
197				7.512	1.502	5.256E-12	-3.613	0.000	0.000E+00	18.340	3.668	7.648E-11	26.939	5.388	2.424E-10	45.102	9.020	1.138E-09	6.541	1.308	3.469E-12
198				75.105	15.021	5.253E-09	3.159	0.632	3.909E-13	72.725	14.545	4.769E-09	9.947	1.989	1.220E-11	10.977	2.195	1.640E-11	6.306	1.261	3.109E-12
199				7.392	1.478	5.008E-12	8.702	1.740	8.170E-12	5.452	1.090	2.009E-12	28.655	5.731	2.917E-10	10.648	2.130	1.497E-11	13.530	2.706	3.071E-11
200				7.735	1.547	5.739E-12	7.355	1.471	4.933E-12	21.767	4.353	1.279E-10	74.302	14.860	5.086E-09	8.965	1.793	8.933E-12	41.460	8.292	8.837E-10
201				49.214	9.843	1.478E-09	-1.911	0.000	0.000E+00	11.567	2.313	1.919E-11	25.534	5.107	2.064E-10	-2.973	0.000	0.000E+00	15.311	3.062	4.450E-11
202				52.826	10.565	1.828E-09	12.386	2.477	2.356E-11	70.083	14.017	4.268E-09	12.764	2.553	2.579E-11	13.185	2.637	2.842E-11	21.277	4.255	1.194E-10
203				7.683	1.537	5.623E-12	4.246	0.849	9.489E-13	46.263	9.253	1.228E-09	77.901	15.580	5.862E-09	6.894	1.379	4.063E-12	9.529	1.906	1.073E-11
204				68.816	13.763	4.041E-09	8.545	1.709	7.736E-12	6.992	1.398	4.238E-12	13.059	2.612	2.762E-11	6.421	1.284	3.282E-12	11.516	2.303	1.894E-11
205				-1.509	0.000	0.000E+00	14.755	2.951	3.983E-11	12.941	2.588	2.687E-11	74.779	14.956	5.185E-09	10.947	2.189	1.627E-11	16.809	3.362	5.889E-11
206				91.766	18.353	9.582E-09	14.322	2.864	3.643E-11	85.866	17.173	7.850E-09	8.767	1.753	8.354E-12	9.622	1.924	1.105E-11	10.422	2.084	1.403E-11
207				6.669	1.334	3.677E-12	8.540	1.708	7.722E-12	-48.218	0.000	0.000E+00	24.346	4.869	1.789E-10	72.869	14.574	4.798E-09	16.867	3.373	5.950E-11
208				80.723	16.145	6.522E-09	2.314	0.463	1.536E-13	58.885	11.777	2.532E-09	5.297	1.059	1.843E-12	16.792	3.358	5.870E-11	11.200	2.240	1.742E-11
209				75.088	15.018	5.249E-09	15.232	3.046	4.382E-11	78.441	15.688	5.984E-09	7.058	1.412	4.360E-12	3.159	0.632	3.908E-13	6.679	1.336	3.695E-12
210				7.848	1.570	5.993E-12	79.876	15.975	6.319E-09	76.890	15.378	5.636E-09	10.748	2.150	1.540E-11	7.878	1.576	6.063E-12	28.441	5.688	2.853E-10
211				21.493	4.299	1.231E-10	8.499	1.700	7.611E-12	14.201	2.840	3.551E-11	6.507	1.301	3.416E-12	58.302	11.660	2.457E-09	12.467	2.493	2.403E-11
212				5.580	1.116	2.154E-12	10.760	2.152	1.545E-11	9.903	1.981	1.204E-11	63.645	12.729	3.197E-09	7.660	1.532	5.572E-12	16.548	3.310	5.619E-11
213				-6.893	0.000	0.000E+00	7.901	1.580	6.116E-12	-10.743	0.000	0.000E+00	15.066	3.013	4.240E-11	9.028	1.806	9.125E-12	7.035	1.407	4.316E-12
214				4.239	0.848	9.446E-13	-6.807	0.000	0.000E+00	-6.272	0.000	0.000E+00	13.348	2.670	2.948E-11	9.085	1.817	9.297E-12	17.565	3.513	6.720E-11
215				6.656	1.331	3.656E-12	7.027	1.405	4.302E-12	7.867	1.573	6.037E-12	3.743	0.749	6.503E-13	6.085	1.217	2.794E-12	13.888	2.778	3.322E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
216				27.051	5.410	2.454E-10	17.077	3.415	6.175E-11	49.894	9.979	1.540E-09	16.441	3.288	5.510E-11	62.620	12.524	3.045E-09	2.684	0.537	2.398E-13
217				9.769	1.954	1.156E-11	5.475	1.095	2.035E-12	10.925	2.185	1.617E-11	4.583	0.917	1.193E-12	-5.264	0.000	0.000E+00	12.980	2.596	2.712E-11
218				11.333	2.267	1.805E-11	-10.544	0.000	0.000E+00	5.912	1.182	2.562E-12	11.550	2.310	1.910E-11	106.471	21.294	1.497E-08	13.301	2.660	2.918E-11
219				11.198	2.240	1.741E-11	11.850	2.370	2.063E-11	10.415	2.083	1.401E-11	9.907	1.981	1.206E-11	7.186	1.437	4.601E-12	5.167	1.033	1.710E-12
220				9.247	1.849	9.805E-12	62.481	12.496	3.024E-09	79.404	15.881	6.207E-09	12.319	2.464	2.318E-11	16.613	3.323	5.685E-11	12.497	2.499	2.420E-11
221				4.401	0.880	1.057E-12	10.194	2.039	1.314E-11	6.461	1.292	3.344E-12	5.054	1.011	1.601E-12	11.473	2.295	1.873E-11	8.947	1.789	8.879E-12
222				13.101	2.620	2.788E-11	11.891	2.378	2.085E-11	-6.436	0.000	0.000E+00	6.059	1.212	2.758E-12	12.055	2.411	2.172E-11	8.022	1.604	6.401E-12
223				19.640	3.928	9.394E-11	17.782	3.556	6.971E-11	6.266	1.253	3.051E-12	6.598	1.320	3.561E-12	12.479	2.496	2.410E-11	17.311	3.462	6.432E-11
224				6.472	1.294	3.362E-12	46.010	9.202	1.208E-09	69.834	13.967	4.223E-09	17.435	3.487	6.571E-11	6.898	1.380	4.069E-12	14.577	2.915	3.841E-11
225				5.169	1.034	1.712E-12	35.594	7.119	5.591E-10	-3.216	0.000	0.000E+00	12.707	2.541	2.544E-11	52.455	10.491	1.790E-09	7.397	1.479	5.019E-12
226				-7.482	0.000	0.000E+00	18.020	3.604	7.256E-11	7.775	1.555	5.828E-12	7.715	1.543	5.694E-12	10.990	2.198	1.646E-11	5.882	1.176	2.523E-12
227				18.955	3.791	8.445E-11	10.451	2.090	1.415E-11	7.137	1.427	4.507E-12	10.839	2.168	1.579E-11	7.112	1.422	4.460E-12	14.367	2.873	3.677E-11
228				7.201	1.440	4.630E-12	4.190	0.838	9.120E-13	-4.839	0.000	0.000E+00	78.964	15.793	6.105E-09	20.581	4.116	1.081E-10	13.246	2.649	2.882E-11
229				19.239	3.848	8.830E-11	56.152	11.230	2.195E-09	7.667	1.533	5.589E-12	26.406	5.281	2.283E-10	5.678	1.136	2.269E-12	12.879	2.576	2.649E-11
230				46.409	9.282	1.239E-09	10.680	2.136	1.511E-11	-21.674	0.000	0.000E+00	7.749	1.550	5.769E-12	7.327	1.465	4.877E-12	8.656	1.731	8.043E-12
231				12.988	2.598	2.717E-11	69.811	13.962	4.219E-09	7.398	1.480	5.020E-12	9.487	1.897	1.059E-11	7.872	1.574	6.049E-12	16.431	3.286	5.501E-11
232				11.347	2.269	1.812E-11	61.088	12.218	2.827E-09	6.320	1.264	3.130E-12	8.466	1.693	7.523E-12	13.363	2.673	2.959E-11	3.493	0.699	5.286E-13
233				13.746	2.749	3.221E-11	-57.916	0.000	0.000E+00	6.884	1.377	4.045E-12	6.233	1.247	3.003E-12	6.275	1.255	3.063E-12	23.957	4.791	1.705E-10
234				14.591	2.918	3.851E-11	5.515	1.103	2.079E-12	7.143	1.429	4.520E-12	4.810	0.962	1.380E-12	14.578	2.916	3.841E-11	14.414	2.883	3.713E-11
235				14.764	2.953	3.991E-11	11.206	2.241	1.745E-11	8.547	1.709	7.741E-12	48.314	9.663	1.398E-09	9.955	1.991	1.223E-11	18.217	3.643	7.496E-11
236				50.684	10.137	1.614E-09	-6.954	0.000	0.000E+00	11.580	2.316	1.925E-11	7.506	1.501	5.243E-12	4.331	0.866	1.007E-12	11.988	2.398	2.136E-11
237				17.542	3.508	6.693E-11	11.905	2.381	2.092E-11	15.594	3.119	4.701E-11	9.497	1.899	1.062E-11	10.626	2.125	1.487E-11	15.434	3.087	4.559E-11
238				9.504	1.901	1.064E-11	44.335	8.867	1.081E-09	14.205	2.841	3.554E-11	24.695	4.939	1.867E-10	10.783	2.157	1.555E-11	27.086	5.417	2.464E-10
239				-5.274	0.000	0.000E+00	9.218	1.844	9.713E-12	5.651	1.130	2.238E-12	9.884	1.977	1.197E-11	9.511	1.902	1.067E-11	13.563	2.713	3.093E-11
240				52.923	10.585	1.838E-09	13.125	2.625	2.804E-11	25.903	5.181	2.155E-10	51.282	10.256	1.672E-09	95.594	19.119	1.083E-08	17.433	3.487	6.569E-11
241				5.655	1.131	2.242E-12	5.144	1.029	1.687E-12	7.241	1.448	4.707E-12	6.093	1.219	2.804E-12	-4.337	0.000	0.000E+00	12.401	2.480	2.365E-11
242				21.262	4.252	1.192E-10	6.988	1.398	4.230E-12	9.811	1.962	1.171E-11	10.605	2.121	1.479E-11	2.706	0.541	2.456E-13	4.577	0.915	1.189E-12
243				-4.667	0.000	0.000E+00	-4.893	0.000	0.000E+00	75.762	15.152	5.392E-09	5.476	1.095	2.036E-12	10.327	2.065	1.366E-11	14.725	2.945	3.959E-11
244				55.032	11.006	2.066E-09	8.945	1.789	8.873E-12	16.284	3.257	5.354E-11	-6.473	0.000	0.000E+00	54.649	10.930	2.024E-09	40.981	8.196	8.534E-10
245				-9.293	0.000	0.000E+00	7.029	1.406	4.307E-12	-11.109	0.000	0.000E+00	13.455	2.691	3.020E-11	6.035	1.207	2.726E-12	12.361	2.472	2.342E-11
246				8.993	1.799	9.016E-12	6.356	1.271	3.183E-12	11.089	2.218	1.691E-11	14.988	2.998	4.174E-11	101.632	20.326	1.302E-08	17.768	3.554	6.956E-11
247				3.920	0.784	7.468E-13	8.766	1.753	8.352E-12	16.511	3.302	5.581E-11	6.509	1.302	3.419E-12	6.602	1.320	3.568E-12	14.065	2.813	3.450E-11
248				7.519	1.504	5.271E-12	7.831	1.566	5.955E-12	5.106	1.021	1.651E-12	-6.713	0.000	0.000E+00	3.916	0.783	7.445E-13	12.001	2.400	2.143E-11
249				15.134	3.027	4.298E-11	-7.524	0.000	0.000E+00	10.249	2.050	1.335E-11	15.113	3.023	4.280E-11	8.183	1.637	6.794E-12	13.748	2.750	3.222E-11
250				10.029	2.006	1.251E-11	60.686	12.137	2.771E-09	9.265	1.853	9.860E-12	17.076	3.415	6.173E-11	-6.233	0.000	0.000E+00	2.882	0.576	2.969E-13
251				68.066	13.613	3.910E-09	8.931	1.786	8.833E-12	-4.401	0.000	0.000E+00	71.505	14.301	4.533E-09	9.679	1.936	1.124E-11	12.869	2.574	2.643E-11
252				15.669	3.134	4.770E-11	10.704	2.141	1.521E-11	5.999	1.200	2.677E-12	4.844	0.969	1.409E-12	102.235	20.447	1.325E-08	14.664	2.933	3.910E-11
253				9.508	1.902	1.066E-11	9.483	1.897	1.057E-11	13.895	2.779	3.326E-11	11.533	2.307	1.902E-11	12.237	2.447	2.272E-11	14.502	2.900	3.781E-11
254				8.213	1.643	6.869E-12	57.884	11.577	2.405E-09	7.725	1.545	5.715E-12	7.775	1.555	5.828E-12	8.775	1.755	8.378E-12	18.869	3.774	8.329E-11
255				14.634	2.927	3.886E-11	10.424	2.085	1.405E-11	7.610	1.522	5.464E-12	-6.154	0.000	0.000E+00	-1.852	0.000	0.000E+00	15.429	3.086	4.554E-11
256				11.452	2.290	1.862E-11	7.454	1.491	5.136E-12	59.305	11.861	2.586E-09	6.631	1.326	3.616E-12	93.977	18.795	1.029E-08	13.032	2.606	2.744E-11
257				9.269	1.854	9.875E-12	4.765	0.953	1.342E-12	15.296	3.059	4.437E-11	6.844	1.369	3.975E-12	68.534	13.707	3.991E-09	13.495	2.699	3.047E-11
258				53.352	10.670	1.883E-09	10.120	2.024	1.285E-11	10.036	2.007	1.253E-11	7.126	1.425	4.487E-12	12.396	2.479	2.362E-11	11.879	2.376	2.078E-11
259				3.391	0.678	4.834E-13	11.939	2.388	2.110E-11	15.702	3.140	4.800E-11	13.309	2.662	2.923E-11	7.047	1.409	4.338E-12	15.342	3.068	4.477E-11
260				52.597	10.519	1.804E-09	9.774	1.955	1.158E-11	5.446	1.089	2.002E-12	-4.537	0.000	0.000E+00	16.988	3.398	6.079E-11	13.228	2.646	2.870E-11

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
261				10.820	2.164	1.571E-11	6.655	1.331	3.654E-12	11.232	2.246	1.757E-11	8.910	1.782	8.771E-12	6.530	1.306	3.453E-12	16.272	3.254	5.342E-11
262				11.920	2.384	2.100E-11	7.532	1.506	5.298E-12	8.467	1.693	7.525E-12	-6.204	0.000	0.000E+00	12.053	2.411	2.171E-11	11.973	2.395	2.128E-11
263				9.092	1.818	9.319E-12	8.937	1.787	8.849E-12	9.504	1.901	1.064E-11	7.480	1.496	5.189E-12	11.121	2.224	1.706E-11	14.659	2.932	3.906E-11
264				18.722	3.744	8.137E-11	-5.873	0.000	0.000E+00	79.576	15.915	6.248E-09	56.836	11.367	2.276E-09	7.169	1.434	4.568E-12	12.904	2.581	2.664E-11
265				13.405	2.681	2.987E-11	-5.590	0.000	0.000E+00	8.605	1.721	7.900E-12	8.882	1.776	8.688E-12	10.897	2.179	1.604E-11	19.197	3.839	8.771E-11
266				-6.648	0.000	0.000E+00	9.064	1.813	9.232E-12	8.775	1.755	8.379E-12	7.575	1.515	5.389E-12	17.892	3.578	7.101E-11	4.092	0.818	8.493E-13
267				8.211	1.642	6.864E-12	16.687	3.337	5.761E-11	10.804	2.161	1.564E-11	12.449	2.490	2.392E-11	6.554	1.311	3.491E-12	14.781	2.956	4.004E-11
268				9.247	1.849	9.804E-12	6.491	1.298	3.392E-12	9.176	1.835	9.580E-12	62.963	12.593	3.095E-09	73.082	14.616	4.840E-09	19.371	3.874	9.013E-11
269				6.639	1.328	3.627E-12	8.313	1.663	7.123E-12	5.567	1.113	2.139E-12	11.665	2.333	1.968E-11	9.043	1.809	9.168E-12	16.828	3.366	5.909E-11
270				9.555	1.911	1.082E-11	9.984	1.997	1.234E-11	13.680	2.736	3.174E-11	9.150	1.830	9.498E-12	12.928	2.586	2.679E-11	12.594	2.519	2.476E-11
271				13.068	2.614	2.767E-11	6.052	1.210	2.749E-12	5.746	1.149	2.352E-12	5.438	1.088	1.994E-12	8.600	1.720	7.887E-12	21.675	4.335	1.263E-10
272				9.125	1.825	9.421E-12	5.002	1.000	1.552E-12	11.266	2.253	1.773E-11	7.263	1.453	4.750E-12	27.705	5.541	2.637E-10	20.792	4.158	1.115E-10
273				7.174	1.435	4.578E-12	-4.583	0.000	0.000E+00	6.466	1.293	3.353E-12	34.647	6.929	5.157E-10	1.609	0.322	5.165E-14	18.520	3.704	7.877E-11
274				8.847	1.769	8.585E-12	16.673	3.335	5.747E-11	41.835	8.367	9.078E-10	53.572	10.714	1.906E-09	14.739	2.948	3.970E-11	17.851	3.570	7.053E-11
275				9.074	1.815	9.263E-12	10.864	2.173	1.590E-11	8.199	1.640	6.834E-12	34.693	6.939	5.178E-10	8.216	1.643	6.878E-12	13.120	2.624	2.800E-11
276				48.723	9.745	1.434E-09	49.845	9.969	1.535E-09	-5.459	0.000	0.000E+00	6.333	1.267	3.150E-12	24.011	4.802	1.716E-10	13.802	2.760	3.260E-11
277				8.117	1.623	6.630E-12	3.681	0.736	6.182E-13	49.263	9.853	1.482E-09	8.402	1.680	7.353E-12	14.840	2.968	4.052E-11	3.363	0.673	4.714E-13
278				7.019	1.404	4.287E-12	11.373	2.275	1.824E-11	36.355	7.271	5.958E-10	9.041	1.808	9.164E-12	19.541	3.908	9.252E-11	12.747	2.549	2.568E-11
279				9.870	1.974	1.192E-11	-5.074	0.000	0.000E+00	10.933	2.187	1.620E-11	11.479	2.296	1.875E-11	4.284	0.857	9.745E-13	20.151	4.030	1.015E-10
280				54.821	10.964	2.043E-09	8.757	1.751	8.327E-12	9.022	1.804	9.106E-12	9.083	1.817	9.290E-12	-7.959	0.000	0.000E+00	18.626	3.725	8.012E-11
281				6.414	1.283	3.271E-12	12.818	2.564	2.611E-11	9.369	1.874	1.020E-11	13.876	2.775	3.313E-11	11.975	2.395	2.129E-11	14.790	2.958	4.011E-11
282				6.894	1.379	4.063E-12	13.377	2.675	2.968E-11	15.116	3.023	4.282E-11	89.458	17.892	8.877E-09	6.005	1.201	2.684E-12	17.167	3.433	6.273E-11
283				48.129	9.626	1.382E-09	11.023	2.205	1.661E-11	6.858	1.372	4.000E-12	8.364	1.673	7.255E-12	12.883	2.577	2.651E-11	14.393	2.879	3.697E-11
284				8.595	1.719	7.872E-12	61.691	12.338	2.911E-09	13.958	2.792	3.371E-11	11.795	2.359	2.035E-11	12.305	2.461	2.310E-11	16.360	3.272	5.429E-11
285				7.942	1.588	6.212E-12	7.451	1.490	5.128E-12	-8.639	0.000	0.000E+00	3.169	0.634	3.948E-13	9.165	1.833	9.544E-12	16.107	3.221	5.181E-11
286				6.639	1.328	3.628E-12	-5.446	0.000	0.000E+00	12.368	2.474	2.346E-11	9.381	1.876	1.024E-11	17.547	3.509	6.699E-11	15.411	3.082	4.539E-11
287				12.463	2.493	2.400E-11	1.667	0.333	5.742E-14	4.746	0.949	1.326E-12	12.183	2.437	2.242E-11	8.729	1.746	8.247E-12	14.742	2.948	3.973E-11
288				91.029	18.206	9.352E-09	5.495	1.099	2.057E-12	7.833	1.567	5.960E-12	16.185	3.237	5.257E-11	7.401	1.480	5.026E-12	13.923	2.785	3.346E-11
289				10.629	2.126	1.489E-11	14.004	2.801	3.405E-11	11.671	2.334	1.971E-11	5.927	1.185	2.581E-12	8.206	1.641	6.852E-12	15.245	3.049	4.393E-11
290				8.332	1.666	7.172E-12	33.685	6.737	4.739E-10	9.781	1.956	1.160E-11	8.466	1.693	7.523E-12	5.440	1.088	1.996E-12	5.747	1.149	2.353E-12
291				10.030	2.006	1.251E-11	7.217	1.443	4.662E-12	52.688	10.538	1.813E-09	6.542	1.308	3.472E-12	6.866	1.373	4.014E-12	13.763	2.753	3.232E-11
292				8.771	1.754	8.366E-12	21.186	4.237	1.179E-10	9.794	1.959	1.165E-11	7.272	1.454	4.768E-12	15.546	3.109	4.658E-11	16.026	3.205	5.103E-11
293				6.861	1.372	4.004E-12	8.874	1.775	8.664E-12	6.503	1.301	3.410E-12	2.816	0.563	2.768E-13	6.113	1.223	2.833E-12	16.401	3.280	5.470E-11
294				11.798	2.360	2.036E-11	8.390	1.678	7.324E-12	10.665	2.133	1.504E-11	12.140	2.428	2.218E-11	6.989	1.398	4.232E-12	6.445	1.289	3.19E-12
295				14.756	2.951	3.984E-11	6.902	1.380	4.077E-12	7.399	1.480	5.022E-12	15.635	3.127	4.739E-11	13.780	2.756	3.245E-11	15.534	3.107	4.648E-11
296				10.645	2.129	1.495E-11	5.253	1.051	1.797E-12	10.643	2.129	1.495E-11	10.196	2.039	1.314E-11	4.789	0.958	1.362E-12	19.007	3.801	8.514E-11
297				15.841	3.168	4.929E-11	6.991	1.398	4.237E-12	9.617	1.923	1.103E-11	13.428	2.686	3.002E-11	-9.936	0.000	0.000E+00	4.374	0.875	1.038E-12
298				12.409	2.482	2.369E-11	8.929	1.786	8.826E-12	46.238	9.248	1.226E-09	9.606	1.921	1.099E-11	7.023	1.405	4.295E-12	14.663	2.933	3.909E-11
299				-7.313	0.000	0.000E+00	12.051	2.410	2.170E-11	11.409	2.282	1.841E-11	8.338	1.668	7.187E-12	-0.684	0.000	0.000E+00	16.299	3.260	5.369E-11
300				48.123	9.625	1.382E-09	14.501	2.900	3.781E-11	5.147	1.029	1.691E-12	11.308	2.262	1.793E-11	5.791	1.158	2.408E-12	14.686	2.937	3.928E-11
301				7.335	1.467	4.893E-12	16.771	3.354	5.849E-11	11.873	2.375	2.075E-11	11.011	2.202	1.655E-11	9.308	1.862	9.998E-12	20.020	4.004	9.949E-11
302				9.024	1.805	9.113E-12	17.208	3.442	6.317E-11	8.108	1.622	6.608E-12	5.504	1.101	2.067E-12	6.218	1.244	2.981E-12	15.059	3.012	4.234E-11
303				13.070	2.614	2.768E-11	11.974	2.395	2.128E-11	6.102	1.220	2.817E-12	25.888	5.178	2.151E-10	6.386	1.277	3.229E-12	18.420	3.684	7.750E-11
304				7.008	1.402	4.268E-12	10.626	2.125	1.488E-11	13.193	2.639	2.847E-11	7.987	1.597	6.317E-12	13.132	2.626	2.808E-11	16.089	3.218	5.164E-11
305				15.462	3.092	4.583E-11	11.529	2.306	1.900E-11	10.475	2.095	1.425E-11	6.491	1.298	3.391E-12	7.243	1.449	4.710E-12	24.162	4.832	1.749E-10

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21			
306			14.133	2.827	3.500E-11	-9.394	0.000	0.000E+00	-4.187	0.000	0.000E+00	98.293	19.659	1.177E-08	39.749	7.950	7.787E-10	4.156	0.831	8.902E-13	
307			46.739	9.348	1.266E-09	12.849	2.570	2.630E-11	10.696	2.139	1.517E-11	8.812	1.762	8.485E-12	9.009	1.802	9.065E-12	3.168	0.634	3.942E-13	
308			11.634	2.327	1.952E-11	9.400	1.880	1.030E-11	49.091	9.818	1.467E-09	23.920	4.784	1.697E-10	-15.495	0.000	0.000E+00	3.493	0.699	5.284E-13	
309			7.955	1.591	6.243E-12	9.016	1.803	9.086E-12	10.299	2.060	1.355E-11	-12.470	0.000	0.000E+00	13.326	2.665	2.934E-11	19.590	3.918	9.322E-11	
310			12.341	2.468	2.331E-11	17.422	3.484	6.556E-11	8.246	1.649	6.951E-12	60.107	12.021	2.693E-09	65.287	13.057	3.450E-09	19.999	4.000	9.918E-11	
311			34.671	6.934	5.168E-10	8.208	1.642	6.855E-12	-6.525	0.000	0.000E+00	9.534	1.907	1.075E-11	6.810	1.362	3.915E-12	3.836	0.767	6.998E-13	
312			21.508	4.302	1.234E-10	10.402	2.080	1.396E-11	5.205	1.041	1.748E-12	15.622	3.124	4.727E-11	12.600	2.520	2.480E-11	15.951	3.190	5.032E-11	
313			54.238	10.848	1.978E-09	6.011	1.202	2.693E-12	22.218	4.444	1.360E-10	12.570	2.514	2.462E-11	5.573	1.115	2.146E-12	10.295	2.059	1.353E-11	
314			45.605	9.121	1.176E-09	50.181	10.036	1.567E-09	8.254	1.651	6.973E-12	8.971	1.794	8.953E-12	5.636	1.127	2.220E-12	8.918	1.784	8.794E-12	
315			-21.811	0.000	0.000E+00	12.793	2.559	2.596E-11	10.534	2.107	1.450E-11	6.735	1.347	3.788E-12	-4.521	0.000	0.000E+00	14.480	2.896	3.764E-11	
316			11.633	2.327	1.952E-11	38.378	7.676	7.009E-10	11.602	2.320	1.936E-11	33.448	6.690	4.640E-10	5.071	1.014	1.617E-12	17.227	3.445	6.339E-11	
317			-8.100	0.000	0.000E+00	7.915	1.583	6.149E-12	-9.075	0.000	0.000E+00	-35.337	0.000	0.000E+00	107.534	21.507	1.542E-08	3.495	0.699	5.295E-13	
318			9.800	1.960	1.167E-11	-5.848	0.000	0.000E+00	7.635	1.527	5.518E-12	10.619	2.124	1.485E-11	8.953	1.791	8.897E-12	15.930	3.186	5.012E-11	
319			9.843	1.969	1.182E-11	7.136	1.427	4.506E-12	9.643	1.929	1.112E-11	13.882	2.776	3.317E-11	15.367	3.073	4.500E-11	16.635	3.327	5.708E-11	
320			-6.256	0.000	0.000E+00	-3.707	0.000	0.000E+00	8.930	1.786	8.829E-12	6.115	1.223	2.835E-12	6.598	1.320	3.562E-12	21.038	4.208	1.155E-10	
321			10.178	2.036	1.307E-11	52.026	10.405	1.746E-09	9.543	1.909	1.078E-11	-2.344	0.000	0.000E+00	9.743	1.949	1.147E-11	15.681	3.136	4.781E-11	
322			-8.923	0.000	0.000E+00	97.868	19.574	1.162E-08	8.864	1.773	8.635E-12	21.543	4.309	1.240E-10	51.169	10.234	1.661E-09	11.187	2.237	1.736E-11	
323			7.126	1.425	4.487E-12	-5.489	0.000	0.000E+00	-4.391	0.000	0.000E+00	12.896	2.579	2.659E-11	5.786	1.157	2.401E-12	15.639	3.128	4.742E-11	
324			37.818	7.564	6.706E-10	10.070	2.014	1.266E-11	10.887	2.177	1.600E-11	5.540	1.108	2.108E-12	8.582	1.716	7.837E-12	15.352	3.070	4.486E-11	
325			11.738	2.348	2.005E-11	14.298	2.860	3.625E-11	15.831	3.166	4.920E-11	11.092	2.218	1.692E-11	12.836	2.567	2.622E-11	5.800	1.160	2.420E-12	
326			13.224	2.645	2.867E-11	2.368	0.474	1.645E-13	12.579	2.516	2.468E-11	7.889	1.578	6.089E-12	11.144	2.229	1.716E-11	14.832	2.966	4.045E-11	
327			8.032	1.606	6.424E-12	11.719	2.344	1.995E-11	12.270	2.454	2.291E-11	10.135	2.027	1.291E-11	9.822	1.964	1.175E-11	14.685	2.937	3.926E-11	
328			12.517	2.503	2.431E-11	50.968	10.194	1.642E-09	16.305	3.261	5.374E-11	10.861	2.172	1.589E-11	8.829	1.766	8.533E-12	15.748	3.150	4.843E-11	
329			-7.529	0.000	0.000E+00	11.641	2.328	1.956E-11	6.273	1.255	3.060E-12	4.452	0.890	1.094E-12	9.214	1.843	9.698E-12	10.431	2.086	1.407E-11	
330			6.828	1.366	3.948E-12	9.346	1.869	1.012E-11	-10.808	0.000	0.000E+00	10.328	2.066	1.366E-11	5.339	1.068	1.887E-12	13.065	2.613	2.765E-11	
331			6.633	1.327	3.619E-12	8.293	1.659	7.071E-12	15.251	3.050	4.399E-11	1.498	0.300	4.166E-14	10.446	2.089	1.413E-11	12.187	2.437	2.244E-11	
332			12.482	2.496	2.411E-11	14.463	2.893	3.751E-11	10.117	2.023	1.284E-11	12.586	2.517	2.472E-11	17.217	3.443	6.328E-11	13.304	2.661	2.919E-11	
333			5.069	1.014	1.615E-12	-5.172	0.000	0.000E+00	10.690	2.138	1.515E-11	14.387	2.877	3.693E-11	9.012	1.802	9.076E-12	7.964	1.593	6.263E-12	
334			10.248	2.050	1.335E-11	8.056	1.611	6.483E-12	10.464	2.093	1.421E-11	11.677	2.335	1.974E-11	11.819	2.364	2.047E-11	1.198	0.240	2.134E-14	
335			4.792	0.958	1.364E-12	5.971	1.194	2.640E-12	9.766	1.953	1.155E-11	5.294	1.059	1.839E-12	8.815	1.763	8.492E-12	12.955	2.591	2.696E-11	
336			-4.807	0.000	0.000E+00	13.271	2.654	2.898E-11	11.173	2.235	1.729E-11	7.349	1.470	4.920E-12	12.517	2.503	2.432E-11	17.844	3.569	7.045E-11	
337			7.704	1.541	5.670E-12	13.961	2.792	3.374E-11	48.964	9.793	1.455E-09	6.692	1.338	3.716E-12	87.461	17.492	8.295E-09	18.097	3.619	7.348E-11	
338			10.277	2.055	1.346E-11	8.491	1.698	7.590E-12	-32.339	0.000	0.000E+00	14.776	2.955	4.000E-11	5.510	1.102	2.074E-12	14.398	2.880	3.700E-11	
339			31.537	6.307	3.889E-10	12.868	2.574	2.642E-11	-2.799	0.000	0.000E+00	92.898	18.580	9.940E-09	10.735	2.147	1.534E-11	13.738	2.748	3.215E-11	
340			43.819	8.764	1.043E-09	41.212	8.242	8.679E-10	14.356	2.871	3.668E-11	7.959	1.592	6.250E-12	13.933	2.787	3.354E-11	19.359	3.872	8.995E-11	
341			7.595	1.519	5.433E-12	8.946	1.789	8.877E-12	7.103	1.421	4.443E-12	15.027	3.005	4.207E-11	3.781	0.756	6.704E-13	13.873	2.775	3.310E-11	
342			4.741	0.948	1.321E-12	4.715	0.943	1.300E-12	6.730	1.346	3.780E-12	7.847	1.569	5.992E-12	19.141	3.828	8.695E-11	12.159	2.432	2.229E-11	
343			12.596	2.519	2.478E-11	9.824	1.965	1.176E-11	42.203	8.441	9.320E-10	14.409	2.882	3.710E-11	27.050	5.410	2.454E-10	13.097	2.619	2.785E-11	
344			9.109	1.822	9.372E-12	9.411	1.882	1.034E-11	7.714	1.543	5.692E-12	10.180	2.036	1.308E-11	7.729	1.546	5.724E-12	47.985	9.597	1.370E-09	
345			5.942	1.188	2.601E-12	7.755	1.551	5.784E-12	7.246	1.449	4.716E-12	-10.044	0.000	0.000E+00	11.332	2.266	1.804E-11	11.874	2.375	2.076E-11	
346			10.353	2.071	1.376E-11	-5.613	0.000	0.000E+00	24.647	4.929	1.856E-10	7.721	1.544	5.707E-12	8.969	1.794	8.946E-12	47.959	9.592	1.368E-09	
347			11.582	2.316	1.926E-11	8.940	1.788	8.861E-12	9.554	1.911	1.081E-11	13.835	2.767	3.284E-11	7.675	1.535	5.606E-12	1.563	0.313	4.735E-14	
348			9.274	1.855	9.890E-12	111.596	22.319	1.723E-08	6.872	1.374	4.024E-12	15.797	3.159	4.888E-11	-7.995	0.000	0.000E+00	12.609	2.522	2.485E-11	
349			-5.717	0.000	0.000E+00	10.226	2.045	1.326E-11	5.530	1.106	2.097E-12	6.943	1.389	4.150E-12	10.773	2.155	1.550E-11	11.402	2.280	1.838E-11	
350			10.405	2.081	1.397E-11	10.979	2.196	1.641E-11	4.235	0.847	9.418E-13	7.923	1.585	6.166E-12	5.427	1.085	1.981E-12	16.127	3.225	5.201E-11	

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																						
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7				
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage		
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)			
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21				
351			8.673	1.735	8.090E-12	5.301	1.060	1.847E-12	10.761	2.152	1.545E-11	10.486	2.097	1.430E-11	7.882	1.576	6.071E-12	6.910	1.382	4.091E-12		
352			16.225	3.245	5.296E-11	10.831	2.166	1.575E-11	61.380	12.276	2.867E-09	7.335	1.467	4.894E-12	-9.292	0.000	0.000E+00	19.845	3.969	9.690E-11		
353			10.273	2.055	1.344E-11	14.239	2.848	3.580E-11	5.023	1.005	1.571E-12	53.530	10.706	1.902E-09	10.338	2.068	1.370E-11	13.093	2.619	2.783E-11		
354			51.725	10.345	1.716E-09	8.742	1.748	8.284E-12	7.847	1.569	5.991E-12	25.300	5.060	2.008E-10	5.612	1.122	2.192E-12	4.461	0.892	1.101E-12		
355			44.392	8.878	1.085E-09	18.991	3.798	8.493E-11	3.687	0.737	6.217E-13	5.036	1.007	1.584E-12	8.163	1.633	6.745E-12	2.790	0.558	2.693E-13		
356			55.300	11.060	2.097E-09	5.873	1.175	2.512E-12	14.061	2.812	3.447E-11	11.908	2.382	2.094E-11	9.770	1.954	1.156E-11	5.178	1.036	1.721E-12		
357			5.941	1.188	2.600E-12	5.042	1.008	1.590E-12	9.398	1.880	1.029E-11	-8.653	0.000	0.000E+00	15.001	3.000	4.186E-11	11.393	2.279	1.834E-11		
358			97.456	19.491	1.148E-08	13.837	2.767	3.285E-11	17.995	3.599	7.225E-11	5.904	1.181	2.552E-12	-7.074	0.000	0.000E+00	15.130	3.026	4.294E-11		
359			8.653	1.731	8.032E-12	8.962	1.792	8.926E-12	41.092	8.218	8.603E-10	3.800	0.760	6.804E-13	13.077	2.615	2.773E-11	18.896	3.779	8.365E-11		
360			29.531	5.906	3.193E-10	10.774	2.155	1.551E-11	7.768	1.554	5.812E-12	8.995	1.799	9.024E-12	5.622	1.124	2.204E-12	13.635	2.727	3.143E-11		
361			12.449	2.490	2.392E-11	7.058	1.412	4.360E-12	10.936	2.187	1.622E-11	11.235	2.247	1.758E-11	10.484	2.097	1.429E-11	13.072	2.614	2.769E-11		
362			-18.419	0.000	0.000E+00	13.649	2.730	3.153E-11	47.279	9.456	1.310E-09	10.039	2.008	1.254E-11	18.782	3.756	8.215E-11	11.329	2.266	1.803E-11		
363			16.141	3.228	5.214E-11	52.622	10.524	1.807E-09	6.172	1.234	2.915E-12	10.423	2.085	1.404E-11	3.057	0.611	3.541E-13	12.511	2.502	2.428E-11		
364			35.679	7.136	5.632E-10	-6.858	0.000	0.000E+00	4.900	0.980	1.459E-12	59.014	11.803	2.548E-09	8.676	1.735	8.098E-12	14.400	2.880	3.702E-11		
365			14.690	2.938	3.930E-11	6.149	1.230	2.883E-12	16.565	3.313	5.636E-11	45.808	9.162	1.192E-09	17.898	3.580	7.109E-11	55.345	11.069	2.102E-09		
366			32.096	6.419	4.100E-10	10.175	2.035	1.306E-11	9.775	1.955	1.158E-11	13.154	2.631	2.822E-11	8.908	1.782	8.766E-12	13.624	2.725	3.135E-11		
367			6.789	1.358	3.879E-12	8.398	1.680	7.343E-12	4.998	1.000	1.548E-12	7.602	1.520	5.448E-12	8.459	1.692	7.504E-12	16.995	3.399	6.086E-11		
368			10.957	2.191	1.631E-11	9.232	1.846	9.755E-12	13.904	2.781	3.333E-11	50.078	10.016	1.557E-09	10.119	2.024	1.285E-11	17.947	3.589	7.167E-11		
369			7.412	1.482	5.048E-12	13.006	2.601	2.728E-11	7.153	1.431	4.538E-12	14.291	2.858	3.619E-11	-5.109	0.000	0.000E+00	14.455	2.891	3.745E-11		
370			6.976	1.395	4.210E-12	-10.631	0.000	0.000E+00	11.847	2.369	2.062E-11	-5.779	0.000	0.000E+00	7.686	1.537	5.630E-12	4.312	0.862	9.939E-13		
371			8.183	1.637	6.794E-12	10.732	2.146	1.532E-11	101.568	20.314	1.299E-08	8.567	1.713	7.795E-12	11.074	2.215	1.684E-11	16.048	3.210	5.124E-11		
372			112.871	22.574	1.783E-08	12.400	2.480	2.364E-11	195.230	39.046	9.226E-08	8.662	1.732	8.059E-12	90.328	18.066	9.138E-09	18.247	3.649	7.533E-11		
373			10.818	2.164	1.570E-11	-5.610	0.000	0.000E+00	11.710	2.342	1.991E-11	6.282	1.256	3.074E-12	8.690	1.738	8.136E-12	13.733	2.747	3.211E-11		
374			-8.225	0.000	0.000E+00	9.863	1.973	1.190E-11	10.084	2.017	1.272E-11	70.591	14.118	4.362E-09	52.701	10.540	1.815E-09	16.776	3.355	5.854E-11		
375			5.508	1.102	2.071E-12	8.047	1.609	6.461E-12	7.254	1.451	4.733E-12	5.291	1.058	1.837E-12	9.931	1.986	1.215E-11	18.539	3.708	7.900E-11		
376			16.663	3.333	5.737E-11	10.973	2.195	1.638E-11	10.568	2.114	1.464E-11	13.138	2.628	2.812E-11	4.851	0.970	1.415E-12	13.795	2.759	3.255E-11		
377			22.242	4.448	1.364E-10	-4.790	0.000	0.000E+00	42.396	8.479	9.449E-10	5.993	1.199	2.669E-12	6.939	1.388	4.144E-12	5.763	1.153	2.373E-12		
378			-7.651	0.000	0.000E+00	-10.015	0.000	0.000E+00	6.178	1.236	2.923E-12	14.989	2.998	4.175E-11	-5.735	0.000	0.000E+00	18.102	3.620	7.355E-11		
379			31.102	6.220	3.731E-10	15.467	3.093	4.588E-11	7.548	1.510	5.332E-12	9.998	2.000	1.239E-11	11.073	2.215	1.684E-11	14.486	2.897	3.769E-11		
380			13.426	2.685	3.001E-11	10.113	2.023	1.282E-11	12.195	2.439	2.248E-11	10.243	2.049	1.333E-11	45.506	9.101	1.168E-09	15.560	3.112	4.671E-11		
381			6.723	1.345	3.767E-12	8.902	1.780	8.746E-12	9.784	1.957	1.161E-11	32.954	6.591	4.437E-10	4.276	0.855	9.693E-13	8.080	1.616	6.540E-12		
382			62.775	12.555	3.067E-09	-7.992	0.000	0.000E+00	4.699	0.940	1.286E-12	6.782	1.356	3.868E-12	8.117	1.623	6.631E-12	14.954	2.991	4.146E-11		
383			7.752	1.550	5.777E-12	7.120	1.424	4.476E-12	188.486	37.697	8.303E-08	11.911	2.382	2.095E-11	44.781	8.956	1.113E-09	10.371	2.074	1.383E-11		
384			100.812	20.162	1.270E-08	10.123	2.025	1.286E-11	6.842	1.368	3.971E-12	8.760	1.752	8.334E-12	9.074	1.815	9.263E-12	1.621	0.324	5.283E-14		
385			10.746	2.149	1.538E-11	67.712	13.542	3.849E-09	2.647	0.529	2.299E-13	-3.709	0.000	0.000E+00	99.984	19.997	1.239E-08	14.668	2.934	3.913E-11		
386			-3.988	0.000	0.000E+00	12.819	2.564	2.612E-11	19.532	3.906	9.239E-11	12.984	2.597	2.714E-11	-6.572	0.000	0.000E+00	3.966	0.793	7.735E-13		
387			8.568	1.714	7.798E-12	10.163	2.033	1.302E-11	-13.521	0.000	0.000E+00	8.828	1.766	8.530E-12	38.275	7.655	6.952E-10	11.566	2.313	1.918E-11		
388			45.870	9.174	1.197E-09	26.305	5.261	2.257E-10	4.599	0.920	1.206E-12	10.824	2.165	1.572E-11	-3.767	0.000	0.000E+00	10.136	2.027	1.291E-11		
389			8.368	1.674	7.266E-12	8.641	1.728	8.001E-12	8.889	1.778	8.708E-12	12.658	2.532	2.515E-11	7.933	1.587	6.189E-12	21.987	4.397	1.318E-10		
390			10.466	2.093	1.421E-11	38.679	7.736	7.175E-10	8.244	1.649	6.947E-12	22.929	4.586	1.495E-10	8.341	1.668	7.195E-12	2.921	0.584	3.092E-13		
391			11.681	2.336	1.976E-11	11.780	2.356	2.027E-11	9.159	1.832	9.526E-12	8.834	1.767	8.548E-12	4.174	0.835	9.016E-13	17.344	3.469	6.469E-11		
392			10.870	2.174	1.592E-11	13.946	2.789	3.363E-11	9.196	1.839	9.643E-12	10.910	2.182	1.610E-11	10.764	2.153	1.547E-11	11.344	2.269	1.810E-11		
393			9.766	1.953	1.155E-11	10.420	2.084	1.403E-11	14.497	2.899	3.778E-11	9.097	1.819	9.335E-12	-3.580	0.000	0.000E+00	15.077	3.015	4.249E-11		
394			6.212	1.242	2.973E-12	50.663	10.133	1.612E-09	10.932	2.186	1.620E-11	10.208	2.042	1.319E-11	13.242	2.648	2.879E-11	30.040	6.008	3.361E-10		
395			4.554	0.911	1.171E-12	7.639	1.528	5.528E-12	9.965	1.993	1.227E-11	69.535	13.907	4.169E-09	8.486	1.697	7.577E-12	18.394	3.679	7.717E-11		

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
396			12.747	2.549	2.568E-11	7.938	1.588	6.201E-12	41.420	8.284	8.811E-10	9.069	1.814	9.248E-12	10.714	2.143	1.525E-11	6.660	1.332	3.662E-12
397			9.951	1.990	1.222E-11	6.336	1.267	3.154E-12	17.283	3.457	6.401E-11	24.893	4.979	1.913E-10	10.059	2.012	1.262E-11	0.345	0.069	5.078E-16
398			17.309	3.462	6.430E-11	10.941	2.188	1.624E-11	7.809	1.562	5.904E-12	-1.915	0.000	0.000E+00	4.251	0.850	9.522E-13	5.821	1.164	2.445E-12
399			7.866	1.573	6.034E-12	10.454	2.091	1.416E-11	11.455	2.291	1.864E-11	10.787	2.157	1.556E-11	8.260	1.652	6.987E-12	12.246	2.449	2.277E-11
400			6.701	1.340	3.730E-12	-10.941	0.000	0.000E+00	33.473	6.695	4.650E-10	6.580	1.316	3.533E-12	5.281	1.056	1.826E-12	29.543	5.909	3.197E-10
401			10.763	2.153	1.546E-11	5.029	1.006	1.577E-12	7.262	1.452	4.749E-12	7.096	1.419	4.431E-12	4.969	0.994	1.521E-12	1.781	0.356	7.004E-14
402			23.854	4.771	1.683E-10	81.354	16.271	6.676E-09	10.156	2.031	1.299E-11	70.259	14.052	4.300E-09	11.323	2.265	1.800E-11	12.265	2.453	2.287E-11
403			9.716	1.943	1.137E-11	20.590	4.118	1.082E-10	21.394	4.279	1.214E-10	16.686	3.337	5.760E-11	7.612	1.522	5.468E-12	19.935	3.987	9.822E-11
404			19.069	3.814	8.597E-11	11.162	2.232	1.724E-11	9.884	1.977	1.197E-11	10.172	2.034	1.305E-11	8.082	1.616	6.547E-12	2.122	0.424	1.185E-13
405			20.079	4.016	1.004E-10	6.741	1.348	3.799E-12	8.771	1.754	8.367E-12	-3.821	0.000	0.000E+00	12.869	2.574	2.642E-11	17.065	3.413	6.162E-11
406			10.769	2.154	1.548E-11	4.470	0.894	1.107E-12	15.587	3.117	4.695E-11	5.063	1.013	1.609E-12	41.236	8.247	8.694E-10			
407			57.852	11.570	2.401E-09	6.952	1.390	4.165E-12	10.621	2.124	1.485E-11	-3.383	0.000	0.000E+00	-3.829	0.000	0.000E+00			
408			20.169	4.034	1.017E-10	39.382	7.876	7.573E-10	6.196	1.239	2.949E-12	3.692	0.738	6.238E-13	9.030	1.806	9.130E-12			
409			-5.326	0.000	0.000E+00	83.590	16.718	7.242E-09	9.737	1.947	1.145E-11	10.153	2.031	1.298E-11	9.708	1.942	1.135E-11			
410			7.716	1.543	5.695E-12	6.581	1.316	3.534E-12	12.973	2.595	2.707E-11	10.573	2.115	1.465E-11	15.828	3.166	4.916E-11			
411			34.879	6.976	5.261E-10	8.587	1.717	7.850E-12	8.992	1.798	9.014E-12	6.860	1.372	4.003E-12	46.120	9.224	1.216E-09			
412			8.731	1.746	8.253E-12	6.061	1.212	2.761E-12	7.250	1.450	4.725E-12	7.543	1.509	5.322E-12	-4.909	0.000	0.000E+00			
413			5.577	1.115	2.150E-12	3.470	0.694	5.180E-13	6.412	1.282	3.268E-12	-8.218	0.000	0.000E+00	86.638	17.328	8.063E-09			
414			26.917	5.383	2.418E-10	11.720	2.344	1.996E-11	1.705	0.341	6.143E-14	4.086	0.817	8.456E-13	62.458	12.492	3.021E-09			
415			8.832	1.766	8.542E-12	-7.070	0.000	0.000E+00	14.264	2.853	3.599E-11	18.127	3.625	7.385E-11	49.746	9.949	1.526E-09			
416			10.394	2.079	1.392E-11	16.125	3.225	5.198E-11	39.278	7.856	7.513E-10	35.301	7.060	5.454E-10	10.063	2.013	1.264E-11			
417			53.439	10.688	1.892E-09	7.041	1.408	4.328E-12	-6.835	0.000	0.000E+00	8.428	1.686	7.422E-12	7.672	1.534	5.598E-12			
418			6.683	1.337	3.700E-12	7.730	1.546	5.726E-12	6.571	1.314	3.517E-12	9.221	1.844	9.721E-12	5.495	1.099	2.057E-12			
419			-4.621	0.000	0.000E+00	18.856	3.771	8.313E-11	13.035	2.607	2.746E-11	7.370	1.474	4.963E-12	17.525	3.505	6.673E-11			
420			10.517	2.103	1.442E-11	10.931	2.186	1.619E-11	14.900	2.980	4.102E-11	-6.807	0.000	0.000E+00	9.541	1.908	1.077E-11			
421			10.490	2.098	1.431E-11	75.489	15.098	5.334E-09	10.962	2.192	1.633E-11	-8.774	0.000	0.000E+00	9.265	1.853	9.861E-12			
422			9.548	1.910	1.079E-11	14.668	2.934	3.913E-11	96.834	19.367	1.126E-08	15.193	3.039	4.348E-11	-2.081	0.000	0.000E+00			
423			10.866	2.173	1.591E-11	113.631	22.726	1.819E-08	18.989	3.798	8.490E-11	7.325	1.465	4.874E-12	51.887	10.377	1.732E-09			
424			11.901	2.380	2.090E-11	13.286	2.657	2.908E-11	48.824	9.765	1.443E-09	6.590	1.318	3.549E-12	6.825	1.365	3.941E-12			
425			9.864	1.973	1.190E-11	-7.465	0.000	0.000E+00	9.352	1.870	1.014E-11	11.418	2.284	1.846E-11	5.659	1.132	2.247E-12			
426			7.855	1.571	6.009E-12	17.811	3.562	7.006E-11	10.638	2.128	1.493E-11	-3.347	0.000	0.000E+00	7.043	1.409	4.333E-12			
427			11.263	2.253	1.772E-11	20.324	4.065	1.041E-10	9.710	1.942	1.135E-11	11.128	2.226	1.709E-11	72.357	14.471	4.697E-09			
428			7.125	1.425	4.485E-12	6.140	1.228	2.870E-12	8.530	1.706	7.696E-12	9.159	1.832	9.528E-12	47.764	9.553	1.351E-09			
429			8.829	1.766	8.533E-12	12.578	2.516	2.467E-11	4.741	0.948	1.321E-12	12.741	2.548	2.564E-11	8.958	1.792	8.914E-12			
430			82.488	16.498	6.959E-09	8.567	1.713	7.795E-12	-7.811	0.000	0.000E+00	19.972	3.994	9.877E-11	45.453	9.091	1.164E-09			
431			10.508	2.102	1.439E-11	13.331	2.666	2.938E-11	-6.398	0.000	0.000E+00	17.624	3.525	6.788E-11	75.123	15.025	5.257E-09			
432			12.646	2.529	2.507E-11	8.632	1.726	7.974E-12	35.533	7.107	5.563E-10	-6.897	0.000	0.000E+00	42.569	8.514	9.565E-10			
433			7.214	1.443	4.654E-12	10.734	2.147	1.534E-11	45.864	9.173	1.196E-09	2.703	0.541	2.448E-13	14.059	2.812	3.445E-11			
434			7.731	1.546	5.729E-12	3.851	0.770	7.079E-13	6.637	1.327	3.626E-12	14.015	2.803	3.414E-11	-14.403	0.000	0.000E+00			
435			10.176	2.035	1.307E-11	8.889	1.778	8.708E-12	67.861	13.572	3.875E-09	2.446	0.489	1.815E-13	47.995	9.599	1.371E-09			
436			10.646	2.129	1.496E-11	13.491	2.698	3.044E-11	57.514	11.503	2.359E-09	11.261	2.252	1.771E-11	9.837	1.967	1.180E-11			
437			16.164	3.233	5.237E-11	6.749	1.350	3.812E-12	-6.995	0.000	0.000E+00	4.189	0.838	9.116E-13	6.305	1.261	3.108E-12			
438			7.325	1.465	4.873E-12	-8.343	0.000	0.000E+00	6.777	1.355	3.858E-12	1.309	0.262	2.784E-14	12.918	2.584	2.673E-11			
439			-8.059	0.000	0.000E+00	8.889	1.778	8.708E-12	6.264	1.253	3.047E-12	123.706	24.741	2.347E-08	5.259	1.052	1.803E-12			
440			-7.738	0.000	0.000E+00	10.690	2.138	1.515E-11	3.190	0.638	4.025E-13	8.779	1.756	8.390E-12	10.323	2.065	1.364E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21			
441			8.397	1.679	7.340E-12	6.332	1.266	3.148E-12	13.518	2.704	3.063E-11	48.432	9.686	1.409E-09	11.431	2.286	1.852E-11				
442			6.622	1.324	3.601E-12	6.321	1.264	3.131E-12	5.148	1.030	1.692E-12	16.096	3.219	5.170E-11	9.574	1.915	1.088E-11				
443			12.118	2.424	2.206E-11	9.936	1.987	1.216E-11	51.183	10.237	1.662E-09	7.704	1.541	5.669E-12	11.746	2.349	2.009E-11				
444			-5.933	0.000	0.000E+00	11.975	2.395	2.129E-11	12.927	2.585	2.679E-11	11.704	2.341	1.988E-11	68.495	13.699	3.984E-09				
445			10.625	2.125	1.487E-11	16.664	3.333	5.737E-11	7.047	1.409	4.338E-12	-5.724	0.000	0.000E+00	-4.598	0.000	0.000E+00				
446			6.807	1.361	3.911E-12	12.267	2.453	2.289E-11	8.151	1.630	6.715E-12	5.015	1.003	1.564E-12	9.149	1.830	9.494E-12				
447			9.944	1.989	1.219E-11	11.469	2.294	1.871E-11	11.869	2.374	2.073E-11	-8.976	0.000	0.000E+00	20.487	4.097	1.066E-10				
448			28.840	5.768	2.974E-10	7.612	1.522	5.470E-12	7.935	1.587	6.195E-12	7.487	1.497	5.203E-12	3.935	0.787	7.554E-13				
449			31.508	6.302	3.878E-10	10.631	2.126	1.490E-11	5.302	1.060	1.848E-12	6.306	1.261	3.109E-12	-5.550	0.000	0.000E+00				
450			24.140	4.828	1.744E-10	7.329	1.466	4.882E-12	14.931	2.986	4.127E-11	6.666	1.333	3.672E-12	70.602	14.120	4.364E-09				
451			15.819	3.164	4.909E-11	5.849	1.170	2.480E-12	35.455	7.091	5.526E-10	10.691	2.138	1.515E-11	7.190	1.438	4.609E-12				
452			-8.242	0.000	0.000E+00	43.305	8.661	1.007E-09	11.282	2.256	1.781E-11	4.965	0.993	1.517E-12	8.101	1.620	6.592E-12				
453			83.052	16.610	7.103E-09	14.449	2.890	3.741E-11	-10.691	0.000	0.000E+00	17.989	3.598	7.218E-11	-7.103	0.000	0.000E+00				
454			13.303	2.661	2.919E-11	-4.963	0.000	0.000E+00	13.633	2.727	3.142E-11	4.682	0.936	1.273E-12	8.698	1.740	8.159E-12				
455			5.868	1.174	2.506E-12	8.878	1.776	8.675E-12	11.544	2.309	1.908E-11	13.970	2.794	3.380E-11	15.199	3.040	4.354E-11				
456			12.363	2.473	2.343E-11	112.921	22.584	1.785E-08	20.605	4.121	1.085E-10	9.269	1.854	9.873E-12	6.215	1.243	2.976E-12				
457			26.137	5.227	2.214E-10	8.453	1.691	7.490E-12	7.368	1.474	4.960E-12	15.810	3.162	4.900E-11	10.081	2.016	1.270E-11				
458			26.729	5.346	2.368E-10	10.998	2.200	1.650E-11	8.253	1.651	6.970E-12	14.551	2.910	3.820E-11	18.484	3.697	7.830E-11				
459			23.402	4.680	1.589E-10	8.625	1.725	7.956E-12	13.314	2.663	2.926E-11	-29.177	0.000	0.000E+00	-4.422	0.000	0.000E+00				
460			11.126	2.225	1.708E-11	10.027	2.005	1.250E-11	8.436	1.687	7.445E-12	11.788	2.358	2.031E-11	9.529	1.906	1.073E-11				
461			11.203	2.241	1.743E-11	10.853	2.171	1.585E-11	12.033	2.407	2.161E-11	13.665	2.733	3.164E-11	6.013	1.203	2.696E-12				
462			9.998	2.000	1.239E-11	11.939	2.388	2.110E-11	7.949	1.590	6.227E-12	6.139	1.228	2.869E-12	15.619	3.124	4.725E-11				
463			-12.097	0.000	0.000E+00	9.505	1.901	1.065E-11	9.243	1.849	9.790E-12	8.277	1.655	7.031E-12	4.983	0.997	1.534E-12				
464			7.540	1.508	5.316E-12	-7.490	0.000	0.000E+00	51.969	10.394	1.740E-09	-6.286	0.000	0.000E+00	11.334	2.267	1.805E-11				
465			12.645	2.529	2.507E-11	20.682	4.136	1.097E-10	41.586	8.317	8.917E-10	11.018	2.204	1.659E-11	46.745	9.349	1.266E-09				
466			6.045	1.209	2.739E-12	8.385	1.677	7.309E-12	7.606	1.521	5.455E-12	7.500	1.500	5.232E-12	12.857	2.571	2.635E-11				
467			9.552	1.910	1.081E-11	50.935	10.187	1.638E-09	18.783	3.757	8.216E-11	22.994	4.599	1.507E-10	7.970	1.594	6.278E-12				
468			9.086	1.817	9.300E-12	53.599	10.720	1.909E-09	104.374	20.875	1.410E-08	-6.382	0.000	0.000E+00	53.192	10.638	1.866E-09				
469			8.991	1.798	9.010E-12	17.848	3.570	7.050E-11	8.875	1.775	8.667E-12	8.295	1.659	7.077E-12	15.174	3.035	4.332E-11				
470			11.234	2.247	1.758E-11	7.568	1.514	5.374E-12	6.459	1.292	3.340E-12	6.968	1.394	4.194E-12	9.397	1.879	1.029E-11				
471			8.415	1.683	7.388E-12	10.802	2.160	1.563E-11	6.096	1.219	2.809E-12	4.741	0.948	1.322E-12	11.854	2.371	2.065E-11				
472			90.578	18.116	9.214E-09	13.295	2.659	2.914E-11	6.588	1.318	3.546E-12	10.856	2.171	1.586E-11	119.128	23.826	2.096E-08				
473			26.411	5.282	2.284E-10	15.512	3.102	4.628E-11	13.305	2.661	2.920E-11	6.691	1.338	3.714E-12	83.124	16.625	7.122E-09				
474			11.245	2.249	1.763E-11	8.778	1.756	8.387E-12	-3.957	0.000	0.000E+00	12.806	2.561	2.604E-11	16.928	3.386	6.015E-11				
475			6.014	1.203	2.697E-12	2.171	0.434	1.268E-13	-8.396	0.000	0.000E+00	-9.814	0.000	0.000E+00	50.774	10.155	1.623E-09				
476			9.423	1.885	1.037E-11	7.249	1.450	4.723E-12	6.013	1.203	2.695E-12	5.625	1.125	2.206E-12	51.569	10.314	1.700E-09				
477			5.339	1.068	1.887E-12	15.721	3.144	4.818E-11	48.370	9.674	1.403E-09	13.024	2.605	2.739E-11	19.801	3.960	9.626E-11				
478			12.145	2.429	2.221E-11	38.404	7.681	7.023E-10	12.328	2.466	2.323E-11	10.513	2.103	1.441E-11	10.246	2.049	1.334E-11				
479			8.032	1.606	6.426E-12	8.128	1.626	6.658E-12	99.214	19.843	1.211E-08	7.665	1.533	5.584E-12	11.853	2.371	2.065E-11				
480			78.303	15.661	5.953E-09	10.020	2.004	1.247E-11	18.949	3.790	8.436E-11	8.635	1.727	7.984E-12	6.890	1.378	4.055E-12				
481			10.534	2.107	1.449E-11	10.025	2.005	1.249E-11	7.469	1.494	5.166E-12	9.793	1.959	1.164E-11	6.911	1.382	4.093E-12				
482			-10.022	0.000	0.000E+00	14.033	2.807	3.427E-11	26.676	5.335	2.354E-10	6.371	1.274	3.206E-12	-4.456	0.000	0.000E+00				
483			8.106	1.621	6.603E-12	4.658	0.932	1.253E-12	9.036	1.807	9.149E-12	9.803	1.961	1.168E-11	6.275	1.255	3.063E-12				
484			-8.617	0.000	0.000E+00	-3.586	0.000	0.000E+00	8.211	1.642	6.865E-12	38.381	7.676	7.010E-10	7.098	1.420	4.435E-12				
485			10.157	2.031	1.299E-11	7.109	1.422	4.455E-12	11.115	2.223	1.702E-11	6.715	1.343	3.755E-12	79.644	15.929	6.264E-09				

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
486			12.173	2.435	2.237E-11	78.008	15.602	5.886E-09	7.169	1.434	4.568E-12	-5.907	0.000	0.000E+00	7.805	1.561	5.895E-12			
487			6.965	1.393	4.189E-12	16.259	3.252	5.329E-11	8.363	1.673	7.253E-12	19.218	3.844	8.801E-11	54.615	10.923	2.020E-09			
488			11.796	2.359	2.035E-11	65.951	13.190	3.557E-09	47.258	9.452	1.309E-09	8.108	1.622	6.610E-12	8.418	1.684	7.396E-12			
489			6.611	1.322	3.582E-12	10.913	2.183	1.612E-11	11.532	2.306	1.902E-11	5.846	1.169	2.477E-12	7.311	1.462	4.846E-12			
490			16.172	3.234	5.244E-11	9.519	1.904	1.069E-11	-8.176	0.000	0.000E+00	14.046	2.809	3.436E-11	18.683	3.737	8.086E-11			
491			9.816	1.963	1.173E-11	76.368	15.274	5.522E-09	-7.101	0.000	0.000E+00	8.788	1.758	8.415E-12	8.501	1.700	7.618E-12			
492			11.355	2.271	1.815E-11	9.192	1.838	9.631E-12	7.711	1.542	5.685E-12	17.262	3.452	6.377E-11	68.471	13.694	3.980E-09			
493			7.297	1.459	4.817E-12	8.013	1.603	6.380E-12	10.014	2.003	1.245E-11	70.815	14.163	4.403E-09	9.784	1.957	1.161E-11			
494			8.896	1.779	8.731E-12	14.011	2.802	3.410E-11	6.364	1.273	3.195E-12	20.763	4.153	1.110E-10	5.427	1.085	1.982E-12			
495			72.371	14.474	4.700E-09	9.474	1.895	1.054E-11	8.152	1.630	6.716E-12	53.628	10.726	1.912E-09	5.039	1.008	1.587E-12			
496			68.563	13.713	3.996E-09	9.169	1.834	9.556E-12	12.259	2.452	2.285E-11	10.795	2.159	1.560E-11	10.900	2.180	1.606E-11			
497			9.461	1.892	1.050E-11	4.948	0.990	1.502E-12	9.007	1.801	9.059E-12	5.441	1.088	1.998E-12	46.207	9.241	1.223E-09			
498			47.922	9.584	1.365E-09	7.575	1.515	5.389E-12	-11.265	0.000	0.000E+00	9.427	1.885	1.039E-11	7.874	1.575	6.052E-12			
499			7.184	1.437	4.598E-12	35.271	7.054	5.441E-10	8.049	1.610	6.466E-12	11.178	2.236	1.732E-11	8.940	1.788	8.859E-12			
500			16.984	3.397	6.075E-11	90.664	18.133	9.240E-09	7.877	1.575	6.059E-12	14.978	2.996	4.166E-11	18.049	3.610	7.290E-11			
501			8.364	1.673	7.255E-12	6.629	1.326	3.613E-12	8.449	1.690	7.477E-12	8.561	1.712	7.778E-12	1.599	0.320	5.073E-14			
502			5.766	1.153	2.377E-12	8.163	1.633	6.744E-12	8.818	1.764	8.501E-12	42.823	8.565	9.737E-10	29.267	5.853	3.108E-10			
503			62.895	12.579	3.085E-09	9.051	1.810	9.194E-12	11.046	2.209	1.671E-11	90.505	18.101	9.192E-09	9.470	1.894	1.053E-11			
504			10.942	2.188	1.624E-11	10.322	2.064	1.363E-11	6.084	1.217	2.792E-12	9.177	1.835	9.584E-12	26.434	5.287	2.290E-10			
505			9.351	1.870	1.014E-11	14.041	2.808	3.432E-11	5.736	1.147	2.340E-12	12.584	2.517	2.471E-11	-4.810	0.000	0.000E+00			
506			16.456	3.291	5.525E-11	45.565	9.113	1.173E-09	5.893	1.179	2.537E-12	5.553	1.111	2.124E-12	69.443	13.889	4.152E-09			
507			10.308	2.062	1.358E-11	12.172	2.434	2.236E-11	44.502	8.900	1.093E-09	49.145	9.829	1.472E-09	5.226	1.045	1.769E-12			
508			10.529	2.106	1.447E-11	-5.931	0.000	0.000E+00	7.396	1.479	5.017E-12	7.425	1.485	5.076E-12	11.964	2.393	2.124E-11			
509			7.580	1.516	5.400E-12	10.712	2.142	1.524E-11	106.381	21.276	1.493E-08	58.177	11.635	2.441E-09	75.958	15.192	5.434E-09			
510			6.723	1.345	3.767E-12	11.340	2.268	1.808E-11	11.408	2.282	1.841E-11	44.003	8.801	1.056E-09	97.621	19.524	1.154E-08			
511			11.913	2.383	2.096E-11	11.905	2.381	2.092E-11	16.065	3.213	5.140E-11	6.933	1.387	4.131E-12	15.249	3.050	4.396E-11			
512			9.973	1.995	1.230E-11	-8.034	0.000	0.000E+00	46.780	9.356	1.269E-09	44.649	8.930	1.104E-09	49.193	9.839	1.476E-09			
513			12.526	2.505	2.437E-11	110.563	22.113	1.676E-08	14.149	2.830	3.512E-11	1.518	0.304	4.337E-14	13.103	2.621	2.789E-11			
514			8.605	1.721	7.901E-12	10.970	2.194	1.637E-11	107.008	21.402	1.519E-08	12.120	2.424	2.208E-11	-7.614	0.000	0.000E+00			
515			-6.746	0.000	0.000E+00	5.859	1.172	2.494E-12	84.649	16.930	7.521E-09	13.387	2.677	2.975E-11	14.146	2.829	3.510E-11			
516			11.256	2.251	1.768E-11	21.306	4.261	1.199E-10	11.746	2.349	2.010E-11	11.343	2.269	1.809E-11	7.218	1.444	4.662E-12			
517			8.013	1.603	6.378E-12	8.188	1.638	6.806E-12	10.477	2.095	1.426E-11	9.865	1.973	1.190E-11	9.549	1.910	1.080E-11			
518			59.782	11.956	2.649E-09	5.803	1.161	2.423E-12	4.718	0.944	1.303E-12	12.821	2.564	2.613E-11	-5.870	0.000	0.000E+00			
519			-6.440	0.000	0.000E+00	-7.721	0.000	0.000E+00	7.143	1.429	4.518E-12	5.045	1.009	1.592E-12	9.460	1.892	1.050E-11			
520			11.310	2.262	1.794E-11	8.865	1.773	8.639E-12	8.733	1.747	8.259E-12	82.322	16.464	6.917E-09	8.021	1.604	6.399E-12			
521			6.121	1.224	2.843E-12	12.075	2.415	2.183E-11	-3.111	0.000	0.000E+00	10.865	2.173	1.590E-11	-7.181	0.000	0.000E+00			
522			10.316	2.063	1.361E-11	7.341	1.468	4.905E-12	12.323	2.465	2.320E-11	16.147	3.229	5.220E-11	-2.380	0.000	0.000E+00			
523			-5.783	0.000	0.000E+00	6.657	1.331	3.658E-12	44.080	8.816	1.062E-09	7.193	1.439	4.614E-12	13.316	2.663	2.928E-11			
524			10.865	2.173	1.590E-11	4.626	0.925	1.227E-12	-8.417	0.000	0.000E+00	15.458	3.092	4.580E-11	16.166	3.233	5.239E-11			
525			-8.615	0.000	0.000E+00	-9.701	0.000	0.000E+00	11.302	2.260	1.790E-11	-12.319	0.000	0.000E+00	14.369	2.874	3.678E-11			
526			10.253	2.051	1.336E-11	12.448	2.490	2.392E-11	-6.240	0.000	0.000E+00	22.886	4.577	1.486E-10	4.677	0.935	1.269E-12			
527			-6.364	0.000	0.000E+00	6.648	1.330	3.643E-12	23.143	4.629	1.537E-10	8.913	1.783	8.778E-12	69.959	13.992	4.245E-09			
528			17.006	3.401	6.098E-11	4.424	0.885	1.073E-12	40.116	8.023	8.005E-10	8.412	1.682	7.380E-12	-8.680	0.000	0.000E+00			
529			-6.636	0.000	0.000E+00	9.146	1.829	9.485E-12	9.216	1.843	9.706E-12	9.157	1.831	9.520E-12	4.388	0.878	1.048E-12			
530			-7.355	0.000	0.000E+00	8.449	1.690	7.478E-12	5.810	1.162	2.431E-12	7.195	1.439	4.618E-12	17.417	3.483	6.551E-11			

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
531			8.970	1.794	8.948E-12	7.876	1.575	6.058E-12	8.477	1.695	7.553E-12	14.433	2.887	3.728E-11	15.069	3.014	4.243E-11			
532			8.623	1.725	7.950E-12	7.163	1.433	4.556E-12	-3.987	0.000	0.000E+00	11.076	2.215	1.685E-11	17.828	3.566	7.026E-11			
533			-7.933	0.000	0.000E+00	15.288	3.058	4.430E-11	8.640	1.728	7.998E-12	69.705	13.941	4.199E-09	-1.866	0.000	0.000E+00			
534			8.828	1.766	8.530E-12	4.345	0.869	1.017E-12	77.771	15.554	5.832E-09	9.305	1.861	9.991E-12	13.647	2.729	3.152E-11			
535			8.905	1.781	8.757E-12	10.879	2.176	1.597E-11	-5.032	0.000	0.000E+00	12.138	2.428	2.217E-11	10.293	2.059	1.352E-11			
536			8.205	1.641	6.850E-12	11.984	2.397	2.134E-11	17.044	3.409	6.139E-11	14.801	2.960	4.020E-11	-12.854	0.000	0.000E+00			
537			-10.301	0.000	0.000E+00	13.288	2.658	2.909E-11	60.002	12.000	2.678E-09	7.177	1.435	4.583E-12	4.210	0.842	9.254E-13			
538			8.425	1.685	7.414E-12	10.462	2.092	1.420E-11	10.221	2.044	1.324E-11	8.632	1.726	7.976E-12	43.320	8.664	1.008E-09			
539			5.409	1.082	1.963E-12	56.022	11.204	2.180E-09	8.890	1.778	8.710E-12	8.855	1.771	8.608E-12	4.475	0.895	1.111E-12			
540			9.669	1.934	1.121E-11	-9.291	0.000	0.000E+00	8.762	1.752	8.342E-12	45.320	9.064	1.154E-09	45.451	9.090	1.164E-09			
541			-6.120	0.000	0.000E+00	5.090	1.018	1.635E-12	9.572	1.914	1.087E-11	11.511	2.302	1.891E-11	13.403	2.681	2.985E-11			
542			8.781	1.756	8.394E-12	11.655	2.331	1.963E-11	-6.801	0.000	0.000E+00	63.195	12.639	3.129E-09	11.703	2.341	1.987E-11			
543			5.590	1.118	2.165E-12	10.546	2.109	1.454E-11	13.643	2.729	3.148E-11	13.283	2.657	2.906E-11	7.245	1.449	4.716E-12			
544			5.009	1.002	1.558E-12	20.474	4.095	1.064E-10	12.722	2.544	2.553E-11	60.759	12.152	2.781E-09	6.277	1.255	3.067E-12			
545			-12.923	0.000	0.000E+00	46.322	9.264	1.232E-09	7.450	1.490	5.127E-12	9.995	1.999	1.238E-11	6.898	1.380	4.070E-12			
546			11.183	2.237	1.734E-11	18.283	3.657	7.578E-11	10.148	2.030	1.296E-11	12.334	2.467	2.327E-11	37.630	7.526	6.607E-10			
547			-12.459	0.000	0.000E+00	7.230	1.446	4.686E-12	63.300	12.660	3.145E-09	-4.055	0.000	0.000E+00	133.508	26.702	2.951E-08			
548			7.699	1.540	5.659E-12	6.858	1.372	4.000E-12	10.120	2.024	1.285E-11	9.092	1.818	9.319E-12	8.890	1.778	8.712E-12			
549			55.064	11.013	2.070E-09	4.895	0.979	1.454E-12	13.977	2.795	3.385E-11	8.762	1.752	8.340E-12	7.649	1.530	5.548E-12			
550			-15.170	0.000	0.000E+00	7.713	1.543	5.689E-12	-5.272	0.000	0.000E+00	12.087	2.417	2.190E-11	4.532	0.906	1.154E-12			
551			14.342	2.868	3.658E-11	8.475	1.695	7.547E-12	10.688	2.138	1.514E-11	73.345	14.669	4.892E-09	39.935	7.987	7.897E-10			
552			8.817	1.763	8.498E-12	48.328	9.666	1.400E-09	8.994	1.799	9.020E-12	15.551	3.110	4.663E-11	67.204	13.441	3.763E-09			
553			-9.907	0.000	0.000E+00	8.897	1.779	8.732E-12	7.139	1.428	4.512E-12	7.724	1.545	5.714E-12	4.188	0.838	9.105E-13			
554			3.757	0.751	6.575E-13	14.413	2.883	3.712E-11	14.934	2.987	4.130E-11	70.823	14.165	4.405E-09	7.780	1.556	5.839E-12			
555			12.786	2.557	2.592E-11	12.775	2.555	2.585E-11	9.351	1.870	1.014E-11	16.676	3.335	5.750E-11	11.917	2.383	2.098E-11			
556			-12.540	0.000	0.000E+00	10.477	2.095	1.426E-11	16.458	3.292	5.527E-11	15.295	3.059	4.436E-11	4.661	0.932	1.255E-12			
557			5.540	1.108	2.108E-12	9.660	1.932	1.118E-11	8.145	1.629	6.700E-12	10.501	2.100	1.436E-11	14.577	2.915	3.840E-11			
558			37.409	7.482	6.491E-10	9.227	1.845	9.739E-12	-8.755	0.000	0.000E+00	20.138	4.028	1.013E-10	11.568	2.314	1.919E-11			
559			9.853	1.971	1.186E-11	3.616	0.723	5.861E-13	50.517	10.103	1.599E-09	19.418	3.884	9.079E-11	27.563	5.513	2.597E-10			
560			7.659	1.532	5.570E-12	8.917	1.783	8.790E-12	10.637	2.127	1.492E-11	7.058	1.412	4.360E-12	17.894	3.579	7.104E-11			
561			3.511	0.702	5.365E-13	9.538	1.908	1.076E-11	-3.625	0.000	0.000E+00	5.704	1.141	2.301E-12	6.125	1.225	2.849E-12			
562			12.771	2.554	2.583E-11	14.182	2.836	3.537E-11	10.835	2.167	1.577E-11	11.439	2.288	1.856E-11	10.388	2.078	1.390E-11			
563			-13.192	0.000	0.000E+00	-6.651	0.000	0.000E+00	76.537	15.307	5.559E-09	54.237	10.847	1.978E-09	22.293	4.459	1.374E-10			
564			83.446	16.689	7.204E-09	6.025	1.205	2.711E-12	21.223	4.245	1.185E-10	6.926	1.385	4.120E-12	74.775	14.955	5.184E-09			
565			8.966	1.793	8.936E-12	12.724	2.545	2.554E-11	6.525	1.305	3.444E-12	9.405	1.881	1.032E-11	74.010	14.802	5.027E-09			
566			7.308	1.462	4.839E-12	10.447	2.089	1.414E-11	5.565	1.113	2.137E-12	45.407	9.081	1.161E-09	8.430	1.686	7.427E-12			
567			-11.744	0.000	0.000E+00	15.686	3.137	4.785E-11	21.241	4.248	1.188E-10	6.009	1.202	2.691E-12	-5.207	0.000	0.000E+00			
568			6.366	1.273	3.199E-12	58.272	11.654	2.453E-09	9.681	1.936	1.125E-11	12.666	2.533	2.520E-11	12.278	2.456	2.295E-11			
569			-12.157	0.000	0.000E+00	8.203	1.641	6.844E-12	8.568	1.714	7.799E-12	22.508	4.502	1.414E-10	69.503	13.901	4.163E-09			
570			-12.057	0.000	0.000E+00	9.997	1.999	1.239E-11	8.642	1.728	8.003E-12	8.745	1.749	8.291E-12	9.172	1.834	9.568E-12			
571			40.701	8.140	8.360E-10	10.309	2.062	1.359E-11	16.178	3.236	5.250E-11	6.934	1.387	4.135E-12	7.291	1.458	4.805E-12			
572			17.155	3.431	6.259E-11	12.451	2.490	2.393E-11	11.646	2.329	1.959E-11	15.966	3.193	5.047E-11	8.648	1.730	8.020E-12			
573			-7.731	0.000	0.000E+00	-10.522	0.000	0.000E+00	7.880	1.576	6.068E-12	59.520	11.904	2.614E-09	73.149	14.630	4.853E-09			
574			8.005	1.601	6.360E-12	70.634	14.127	4.370E-09	8.525	1.705	7.681E-12	8.418	1.684	7.396E-12	11.074	2.215	1.684E-11			
575			11.249	2.250	1.765E-11	6.552	1.310	3.488E-12	6.780	1.356	3.864E-12	13.436	2.687	3.008E-11	-6.620	0.000	0.000E+00			

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21			
576			5.301	1.060	1.847E-12	10.998	2.200	1.650E-11	7.375	1.475	4.975E-12	17.729	3.546	6.910E-11	-58.507	0.000	0.000E+00				
577			-6.530	0.000	0.000E+00	7.392	1.478	5.009E-12	14.669	2.934	3.914E-11	51.648	10.330	1.708E-09	15.617	3.123	4.723E-11				
578			31.161	6.232	3.752E-10	13.573	2.715	3.100E-11	5.655	1.131	2.242E-12	6.721	1.344	3.764E-12	10.601	2.120	1.477E-11				
579			13.952	2.790	3.368E-11	8.012	1.602	6.377E-12	-10.853	0.000	0.000E+00	12.284	2.457	2.298E-11	2.699	0.540	2.439E-13				
580			9.136	1.827	9.455E-12	13.931	2.786	3.352E-11	14.133	2.827	3.500E-11	9.025	1.805	9.115E-12	14.891	2.978	4.095E-11				
581			6.129	1.226	2.854E-12	5.254	1.051	1.798E-12	12.981	2.596	2.712E-11	7.332	1.466	4.888E-12	42.203	8.441	9.320E-10				
582			-4.626	0.000	0.000E+00	11.459	2.292	1.866E-11	10.459	2.092	1.418E-11	-8.031	0.000	0.000E+00	8.952	1.790	8.896E-12				
583			8.301	1.660	7.092E-12	-6.299	0.000	0.000E+00	6.095	1.219	2.808E-12	6.437	1.287	3.308E-12	-3.602	0.000	0.000E+00				
584			12.045	2.409	2.167E-11	8.394	1.679	7.334E-12	7.687	1.537	5.633E-12	75.541	15.108	5.345E-09	12.068	2.414	2.179E-11				
585			-8.187	0.000	0.000E+00	13.097	2.619	2.786E-11	54.912	10.982	2.053E-09	96.715	19.343	1.122E-08	12.283	2.457	2.298E-11				
586			-7.033	0.000	0.000E+00	8.363	1.673	7.251E-12	12.658	2.532	2.515E-11	8.881	1.776	8.686E-12	5.248	1.050	1.792E-12				
587			11.066	2.213	1.680E-11	8.711	1.742	8.196E-12	-6.349	0.000	0.000E+00	-10.630	0.000	0.000E+00	59.276	11.855	2.582E-09				
588			68.168	13.634	3.928E-09	4.661	0.932	1.255E-12	15.121	3.024	4.287E-11	6.644	1.329	3.637E-12	10.963	2.193	1.634E-11				
589			49.310	9.862	1.487E-09	6.912	1.382	4.094E-12	77.139	15.428	5.691E-09	15.830	3.166	4.918E-11	6.523	1.305	3.442E-12				
590			64.466	12.893	3.322E-09	5.110	1.022	1.655E-12	5.820	1.164	2.444E-12	9.975	1.995	1.231E-11	10.925	2.185	1.617E-11				
591			54.019	10.804	1.954E-09	13.566	2.713	3.096E-11	6.669	1.334	3.678E-12	7.736	1.547	5.740E-12	18.359	3.672	7.673E-11				
592			52.772	10.554	1.822E-09	9.568	1.914	1.086E-11	61.273	12.255	2.852E-09	12.782	2.556	2.590E-11	8.519	1.704	7.665E-12				
593			9.507	1.901	1.065E-11	14.704	2.941	3.942E-11	7.319	1.464	4.861E-12	42.944	8.589	9.820E-10	6.505	1.301	3.413E-12				
594			4.630	0.926	1.231E-12	60.233	12.047	2.709E-09	6.883	1.377	4.043E-12	6.375	1.275	3.213E-12	-78.342	0.000	0.000E+00				
595			79.899	15.980	6.324E-09	7.030	1.406	4.307E-12	11.835	2.367	2.056E-11	13.120	2.624	2.800E-11	6.725	1.345	3.771E-12				
596			-4.777	0.000	0.000E+00	10.683	2.137	1.512E-11	8.035	1.607	6.431E-12	-9.466	0.000	0.000E+00	99.137	19.827	1.208E-08				
597			-3.772	0.000	0.000E+00	19.347	3.869	8.979E-11	15.506	3.101	4.622E-11	32.014	6.403	4.068E-10	4.538	0.908	1.159E-12				
598			-5.514	0.000	0.000E+00	8.562	1.712	7.782E-12	11.560	2.312	1.915E-11	6.760	1.352	3.830E-12	34.444	6.889	5.067E-10				
599			6.153	1.231	2.888E-12	7.370	1.474	4.963E-12	6.705	1.341	3.738E-12	7.393	1.479	5.011E-12	61.578	12.316	2.895E-09				
600			-8.458	0.000	0.000E+00	14.208	2.842	3.556E-11	9.374	1.875	1.021E-11	12.423	2.485	2.377E-11	4.184	0.837	9.083E-13				
601			85.782	17.156	7.827E-09	15.512	3.102	4.628E-11	-10.816	0.000	0.000E+00	10.972	2.194	1.638E-11	15.860	3.172	4.946E-11				
602			54.811	10.962	2.042E-09	12.259	2.452	2.284E-11	11.264	2.253	1.772E-11	55.001	11.000	2.063E-09	13.260	2.652	2.891E-11				
603			6.244	1.249	3.018E-12	8.240	1.648	6.936E-12	9.216	1.843	9.705E-12	77.461	15.492	5.763E-09	5.398	1.080	1.950E-12				
604			8.269	1.654	7.010E-12	-4.903	0.000	0.000E+00	-4.723	0.000	0.000E+00	7.855	1.571	6.009E-12	7.084	1.417	4.408E-12				
605			8.550	1.710	7.749E-12	13.694	2.739	3.184E-11	-8.651	0.000	0.000E+00	7.710	1.542	5.683E-12	11.743	2.349	2.008E-11				
606			6.449	1.290	3.326E-12	9.069	1.814	9.248E-12	82.382	16.476	6.932E-09	-6.552	0.000	0.000E+00	3.900	0.780	7.357E-13				
607			7.687	1.537	5.631E-12	14.873	2.975	4.079E-11	-3.539	0.000	0.000E+00	120.721	24.144	2.181E-08	4.866	0.973	1.428E-12				
608			8.715	1.743	8.208E-12	5.874	1.175	2.513E-12	12.543	2.509	2.447E-11	-6.930	0.000	0.000E+00	1.796	0.359	7.186E-14				
609			51.917	10.383	1.735E-09	-4.712	0.000	0.000E+00	-6.001	0.000	0.000E+00	11.159	2.232	1.723E-11	18.630	3.726	8.017E-11				
610			3.511	0.702	5.366E-13	4.001	0.800	7.938E-13	63.944	12.789	3.242E-09	10.554	2.111	1.458E-11	9.726	1.945	1.141E-11				
611			25.675	5.135	2.099E-10	5.778	1.156	2.392E-12	-11.151	0.000	0.000E+00	65.031	13.006	3.410E-09	13.291	2.658	2.911E-11				
612			9.936	1.987	1.216E-11	2.625	0.525	2.242E-13	11.148	2.230	1.718E-11	-7.913	0.000	0.000E+00	9.496	1.899	1.062E-11				
613			55.963	11.193	2.173E-09	2.956	0.591	3.201E-13	67.480	13.496	3.810E-09	4.031	0.806	8.122E-13	10.850	2.170	1.584E-11				
614			-3.556	0.000	0.000E+00	-59.850	0.000	0.000E+00	5.477	1.095	2.037E-12	46.194	9.239	1.222E-09	7.228	1.446	4.681E-12				
615			83.689	16.738	7.268E-09	7.432	1.486	5.090E-12	-3.028	0.000	0.000E+00	5.148	1.030	1.692E-12	21.729	4.346	1.272E-10				
616			12.263	2.453	2.287E-11	-7.813	0.000	0.000E+00	-41.200	0.000	0.000E+00	7.697	1.539	5.654E-12	8.719	1.744	8.219E-12				
617			39.460	7.892	7.618E-10	87.620	17.524	8.341E-09	-5.347	0.000	0.000E+00	-4.152	0.000	0.000E+00	8.972	1.794	8.956E-12				
618			5.152	1.030	1.696E-12	7.084	1.417	4.408E-12	75.495	15.099	5.335E-09	10.431	2.086	1.407E-11	8.300	1.660	7.091E-12				
619			-5.836	0.000	0.000E+00	6.652	1.330	3.649E-12	-10.462	0.000	0.000E+00	9.713	1.943	1.136E-11	9.351	1.870	1.014E-11				
620			6.743	1.349	3.802E-12	57.892	11.578	2.406E-09	-10.798	0.000	0.000E+00	99.058	19.812	1.205E-08	4.821	0.964	1.390E-12				

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1	Day 2			Day 3			Day 4			Day 5			Day 6			Day 7				
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
621			7.034	1.407	4.315E-12	-5.049	0.000	0.000E+00	-6.055	0.000	0.000E+00	73.742	14.748	4.972E-09	10.354	2.071	1.376E-11			
622			-8.284	0.000	0.000E+00	-10.371	0.000	0.000E+00	-6.227	0.000	0.000E+00	7.509	1.502	5.251E-12	42.225	8.445	9.335E-10			
623			-7.638	0.000	0.000E+00	11.100	2.220	1.696E-11	8.431	1.686	7.431E-12	-13.964	0.000	0.000E+00	5.953	1.191	2.615E-12			
624			10.481	2.096	1.428E-11	8.891	1.778	8.713E-12	9.282	1.856	9.917E-12	12.399	2.480	2.363E-11	7.986	1.597	6.315E-12			
625			8.481	1.696	7.563E-12	-7.819	0.000	0.000E+00	18.640	3.728	8.031E-11	2.720	0.544	2.496E-13	51.665	10.333	1.710E-09			
626			83.664	16.733	7.261E-09	6.617	1.323	3.592E-12	-10.213	0.000	0.000E+00	10.126	2.025	1.287E-11	22.848	4.570	1.479E-10			
627			45.287	9.057	1.152E-09	10.219	2.044	1.323E-11	7.488	1.498	5.205E-12	11.777	2.355	2.025E-11	6.185	1.237	2.934E-12			
628			-4.577	0.000	0.000E+00	-7.212	0.000	0.000E+00	-11.244	0.000	0.000E+00	7.750	1.550	5.772E-12	54.810	10.962	2.042E-09			
629			18.106	3.621	7.359E-11	14.714	2.943	3.950E-11	-14.181	0.000	0.000E+00	12.729	2.546	2.557E-11	4.940	0.988	1.495E-12			
630			50.001	10.000	1.550E-09	7.823	1.565	5.935E-12	-8.335	0.000	0.000E+00	7.271	1.454	4.765E-12	10.618	2.124	1.484E-11			
631			9.738	1.948	1.145E-11	9.850	1.970	1.185E-11	13.437	2.687	3.008E-11	4.787	0.957	1.360E-12	12.084	2.417	2.188E-11			
632			21.315	4.263	1.201E-10	21.770	4.354	1.279E-10	7.236	1.447	4.698E-12	10.123	2.025	1.286E-11	4.347	0.869	1.018E-12			
633			75.074	15.015	5.246E-09	7.377	1.475	4.978E-12	6.439	1.288	3.309E-12	53.744	10.749	1.925E-09	8.263	1.653	6.996E-12			
634			11.065	2.213	1.680E-11	7.790	1.558	5.860E-12	14.194	2.839	3.546E-11	76.291	15.258	5.506E-09	12.633	2.527	2.500E-11			
635			10.026	2.005	1.249E-11	10.423	2.085	1.404E-11	67.254	13.451	3.772E-09	7.854	1.571	6.008E-12	8.184	1.637	6.796E-12			
636			10.443	2.089	1.412E-11	-7.373	0.000	0.000E+00	-9.121	0.000	0.000E+00	17.067	3.413	6.164E-11	10.188	2.038	1.311E-11			
637			5.979	1.196	2.650E-12	9.316	1.863	1.003E-11	7.122	1.424	4.480E-12	53.152	10.630	1.862E-09	43.594	8.719	1.027E-09			
638			-7.557	0.000	0.000E+00	9.904	1.981	1.204E-11	6.810	1.362	3.916E-12	23.552	4.710	1.620E-10	10.880	2.176	1.597E-11			
639			9.606	1.921	1.099E-11	62.906	12.581	3.086E-09	8.477	1.695	7.553E-12	13.795	2.759	3.255E-11	12.342	2.468	2.331E-11			
640			6.127	1.225	2.851E-12	46.527	9.305	1.249E-09	12.789	2.558	2.594E-11	20.046	4.009	9.988E-11	40.349	8.070	8.145E-10			
641			-4.035	0.000	0.000E+00	14.230	2.846	3.573E-11	12.187	2.437	2.245E-11	12.186	2.437	2.244E-11	46.671	9.334	1.260E-09			
642			6.119	1.224	2.841E-12	17.955	3.591	7.177E-11	11.645	2.329	1.958E-11	17.242	3.448	6.355E-11	14.572	2.914	3.837E-11			
643			17.072	3.414	6.169E-11	-3.488	0.000	0.000E+00	27.814	5.563	2.668E-10	8.872	1.774	8.657E-12	-2.016	0.000	0.000E+00			
644			15.636	3.127	4.740E-11	-5.333	0.000	0.000E+00	9.899	1.980	1.203E-11	7.895	1.579	6.101E-12	15.578	3.116	4.687E-11			
645			8.849	1.770	8.591E-12	5.332	1.066	1.880E-12	4.519	0.904	1.144E-12	48.805	9.761	1.441E-09	14.555	2.911	3.823E-11			
646			48.690	9.738	1.431E-09	40.408	8.082	8.181E-10	11.597	2.319	1.934E-11	4.476	0.895	1.112E-12	6.104	1.221	2.819E-12			
647			1.557	0.311	4.680E-14	-9.106	0.000	0.000E+00	8.349	1.670	7.216E-12	80.693	16.139	6.515E-09	6.640	1.328	3.630E-12			
648			4.791	0.958	1.364E-12	10.186	2.037	1.310E-11	11.539	2.308	1.905E-11	8.043	1.609	6.452E-12	10.013	2.003	1.245E-11			
649			10.052	2.010	1.259E-11	48.706	9.741	1.433E-09	51.014	10.203	1.646E-09	69.730	13.946	4.204E-09	5.247	1.049	1.791E-12			
650			11.814	2.363	2.045E-11	11.331	2.266	1.804E-11	14.168	2.834	3.527E-11	5.962	1.192	2.628E-12	8.322	1.664	7.145E-12			
651			80.682	16.136	6.512E-09	10.769	2.154	1.548E-11	7.334	1.467	4.890E-12	7.375	1.475	4.974E-12	9.247	1.849	9.804E-12			
652			9.377	1.875	1.022E-11	5.076	1.015	1.622E-12	8.011	1.602	6.374E-12	-9.858	0.000	0.000E+00	69.516	13.903	4.165E-09			
653			6.689	1.338	3.711E-12	-5.429	0.000	0.000E+00	8.511	1.702	7.643E-12	-9.790	0.000	0.000E+00	4.785	0.957	1.359E-12			
654			50.862	10.172	1.631E-09	-3.796	0.000	0.000E+00	8.657	1.731	8.044E-12	14.730	2.946	3.963E-11	5.578	1.116	2.152E-12			
655			10.710	2.142	1.523E-11	5.728	1.146	2.330E-12	61.129	12.226	2.832E-09	13.412	2.682	2.992E-11	3.353	0.671	4.673E-13			
656			10.412	2.082	1.400E-11	-8.147	0.000	0.000E+00	6.875	1.375	4.029E-12	10.371	2.074	1.383E-11	-4.239	0.000	0.000E+00			
657			4.145	0.829	8.832E-13	10.461	2.092	1.419E-11	-6.723	0.000	0.000E+00	8.899	1.780	8.739E-12	12.427	2.485	2.379E-11			
658			18.725	3.745	8.140E-11	6.910	1.382	4.090E-12	8.237	1.647	6.929E-12	7.778	1.556	5.835E-12	10.710	2.142	1.523E-11			
659			59.095	11.819	2.559E-09	11.075	2.215	1.685E-11	52.840	10.568	1.829E-09	8.495	1.699	7.601E-12	148.700	29.740	4.077E-08			
660			4.967	0.993	1.520E-12	5.431	1.086	1.987E-12	-8.853	0.000	0.000E+00	4.452	0.890	1.094E-12	5.769	1.154	2.380E-12			
661			20.924	4.185	1.136E-10	-10.106	0.000	0.000E+00	-20.559	0.000	0.000E+00	3.953	0.791	7.659E-13	5.196	1.039	1.740E-12			
662			-64.811	0.000	0.000E+00	-3.696	0.000	0.000E+00	7.525	1.505	5.284E-12	-5.454	0.000	0.000E+00	10.356	2.071	1.377E-11			
663			16.908	3.382	5.993E-11	-8.712	0.000	0.000E+00	-3.959	0.000	0.000E+00	10.168	2.034	1.304E-11	51.966	10.393	1.740E-09			
664			90.422	18.084	9.167E-09	-64.522	0.000	0.000E+00	66.256	13.251	3.606E-09	66.650	13.330	3.671E-09	18.889	3.778	8.356E-11			
665			10.306	2.061	1.357E-11	12.060	2.412	2.175E-11	8.028	1.606	6.415E-12	-10.982	0.000	0.000E+00	-4.420	0.000	0.000E+00			

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
666			10.200	2.040	1.316E-11	67.652	13.530	3.839E-09	6.262	1.252	3.045E-12	-8.079	0.000	0.000E+00	7.307	1.461	4.837E-12			
667			7.623	1.525	5.493E-12	-9.359	0.000	0.000E+00	3.875	0.775	7.214E-13	7.533	1.507	5.299E-12	-39.150	0.000	0.000E+00			
668			10.016	2.003	1.246E-11	69.437	13.887	4.151E-09	-6.762	0.000	0.000E+00	9.372	1.874	1.021E-11	-4.220	0.000	0.000E+00			
669			13.998	2.800	3.401E-11	-8.392	0.000	0.000E+00	11.526	2.305	1.898E-11	10.710	2.142	1.523E-11	24.149	4.830	1.746E-10			
670			6.253	1.251	3.032E-12	115.872	23.174	1.929E-08	7.174	1.435	4.578E-12	8.032	1.606	6.426E-12	5.128	1.026	1.672E-12			
671			11.044	2.209	1.670E-11	50.342	10.068	1.582E-09	19.425	3.885	9.088E-11	17.901	3.580	7.112E-11						
672			26.480	5.296	2.302E-10	5.808	1.162	2.430E-12	-11.002	0.000	0.000E+00	19.436	3.887	9.103E-11						
673			67.187	13.437	3.761E-09	9.834	1.967	1.179E-11	6.738	1.348	3.793E-12	-6.783	0.000	0.000E+00						
674			-22.468	0.000	0.000E+00	6.725	1.345	3.771E-12	-5.703	0.000	0.000E+00	4.833	0.967	1.399E-12						
675			65.189	13.038	3.435E-09	75.669	15.134	5.372E-09	11.353	2.271	1.814E-11	10.988	2.198	1.645E-11						
676			6.064	1.213	2.764E-12	8.048	1.610	6.464E-12	-7.497	0.000	0.000E+00	13.538	2.708	3.076E-11						
677			11.253	2.251	1.767E-11	-7.714	0.000	0.000E+00	80.600	16.120	6.492E-09	54.519	10.904	2.009E-09						
678			53.414	10.683	1.890E-09	-7.647	0.000	0.000E+00	75.305	15.061	5.295E-09	9.051	1.810	9.194E-12						
679			9.016	1.803	9.086E-12	8.890	1.778	8.712E-12	-7.169	0.000	0.000E+00	52.902	10.580	1.836E-09						
680			16.777	3.355	5.855E-11	-7.206	0.000	0.000E+00	5.873	1.175	2.512E-12	60.237	12.047	2.710E-09						
681			7.673	1.535	5.601E-12	42.542	8.508	9.547E-10	6.639	1.328	3.628E-12	13.051	2.610	2.756E-11						
682			56.332	11.266	2.216E-09	14.446	2.889	3.738E-11	70.855	14.171	4.411E-09	-7.445	0.000	0.000E+00						
683			65.248	13.050	3.444E-09	-6.149	0.000	0.000E+00	10.970	2.194	1.637E-11	46.733	9.347	1.265E-09						
684			90.060	18.012	9.057E-09	15.971	3.194	5.051E-11	16.257	3.251	5.328E-11	-4.947	0.000	0.000E+00						
685			10.138	2.028	1.292E-11	5.973	1.195	2.642E-12	11.344	2.269	1.810E-11	54.319	10.864	1.987E-09						
686			10.474	2.095	1.425E-11	54.050	10.810	1.958E-09	9.430	1.886	1.040E-11	137.803	27.561	3.245E-08						
687			23.853	4.771	1.683E-10	-5.891	0.000	0.000E+00	79.360	15.872	6.197E-09	7.703	1.541	5.668E-12						
688			-7.497	0.000	0.000E+00	15.180	3.036	4.337E-11	17.074	3.415	6.171E-11	8.629	1.726	7.967E-12						
689			65.819	13.164	3.535E-09	7.545	1.509	5.326E-12	39.093	7.819	7.408E-10	7.874	1.575	6.053E-12						
690			11.406	2.281	1.840E-11	56.088	11.218	2.188E-09	-71.379	0.000	0.000E+00	8.968	1.794	8.942E-12						
691			11.979	2.396	2.132E-11	6.813	1.363	3.921E-12	12.474	2.495	2.407E-11	6.418	1.284	3.278E-12						
692			41.196	8.239	8.669E-10	11.559	2.312	1.915E-11	-11.403	0.000	0.000E+00	65.510	13.102	3.486E-09						
693			15.526	3.105	4.641E-11	5.490	1.098	2.051E-12	-8.544	0.000	0.000E+00	-3.463	0.000	0.000E+00						
694			7.489	1.498	5.208E-12	68.289	13.658	3.949E-09	-7.382	0.000	0.000E+00	13.928	2.786	3.350E-11						
695			8.372	1.674	7.277E-12	8.652	1.730	8.031E-12	-28.962	0.000	0.000E+00	7.339	1.468	4.900E-12						
696			7.650	1.530	5.551E-12	15.749	3.150	4.843E-11	11.013	2.203	1.656E-11	7.325	1.465	4.873E-12						
697			6.529	1.306	3.452E-12	7.799	1.560	5.883E-12	15.812	3.162	4.902E-11	10.115	2.023	1.283E-11						
698			9.780	1.956	1.160E-11	7.530	1.506	5.294E-12	6.941	1.388	4.147E-12	6.534	1.307	3.459E-12						
699			7.965	1.593	6.266E-12	6.834	1.367	3.957E-12	4.122	0.824	8.686E-13	10.474	2.095	1.425E-11						
700			5.619	1.124	2.200E-12	76.242	15.248	5.495E-09	97.548	19.510	1.151E-08	9.186	1.837	9.613E-12						
701			11.117	2.223	1.704E-11	-6.732	0.000	0.000E+00	15.531	3.106	4.645E-11	12.840	2.568	2.625E-11						
702			12.682	2.536	2.529E-11	7.595	1.519	5.432E-12	94.813	18.963	1.057E-08	78.731	15.746	6.051E-09						
703			19.019	3.804	8.530E-11	7.296	1.459	4.816E-12	4.059	0.812	8.292E-13	2.817	0.563	2.772E-13						
704			11.656	2.331	1.964E-11	62.471	12.494	3.023E-09	57.769	11.554	2.390E-09	-15.147	0.000	0.000E+00						
705			-2.952	0.000	0.000E+00	7.726	1.545	5.717E-12	5.141	1.028	1.685E-12	11.174	2.235	1.730E-11						
706			62.508	12.502	3.028E-09	8.794	1.759	8.431E-12	-8.251	0.000	0.000E+00	7.995	1.599	6.336E-12						
707			12.506	2.501	2.425E-11	34.915	6.983	5.278E-10	-10.769	0.000	0.000E+00	7.183	1.437	4.595E-12						
708			9.845	1.969	1.183E-11	80.631	16.126	6.500E-09	18.258	3.652	7.547E-11	6.425	1.285	3.288E-12						
709			70.453	14.091	4.336E-09	9.058	1.812	9.215E-12	-4.792	0.000	0.000E+00	10.466	2.093	1.422E-11						
710			19.598	3.920	9.333E-11	10.443	2.089	1.412E-11	-62.561	0.000	0.000E+00	7.151	1.430	4.534E-12						

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
711			-3.998	0.000	0.000E+00	-8.980	0.000	0.000E+00	107.555	21.511	1.543E-08	56.175	11.235	2.198E-09						
712			3.854	0.771	7.097E-13	-6.595	0.000	0.000E+00	8.560	1.712	7.777E-12	7.414	1.483	5.053E-12						
713			46.516	9.303	1.248E-09	98.425	19.685	1.182E-08	-5.293	0.000	0.000E+00	3.233	0.647	4.188E-13						
714			59.919	11.984	2.667E-09	55.296	11.059	2.096E-09	50.064	10.013	1.556E-09	15.577	3.115	4.686E-11						
715			60.845	12.169	2.793E-09	5.475	1.095	2.035E-12	5.306	1.061	1.852E-12	65.520	13.104	3.488E-09						
716			8.078	1.616	6.535E-12	33.951	6.790	4.852E-10	13.250	2.650	2.884E-11	9.625	1.925	1.105E-11						
717			8.914	1.783	8.783E-12	5.524	1.105	2.091E-12	33.393	6.679	4.617E-10	22.185	4.437	1.354E-10						
718			23.248	4.650	1.558E-10	65.758	13.152	3.526E-09	-19.298	0.000	0.000E+00	7.759	1.552	5.792E-12						
719			9.667	1.933	1.120E-11	10.783	2.157	1.555E-11	8.821	1.764	8.511E-12	-2.073	0.000	0.000E+00						
720			8.729	1.746	8.246E-12	13.361	2.672	2.957E-11	9.674	1.935	1.123E-11	11.745	2.349	2.009E-11						
721			8.835	1.767	8.552E-12	28.515	5.703	2.875E-10	8.925	1.785	8.815E-12	6.163	1.233	2.902E-12						
722			13.091	2.618	2.782E-11	-5.779	0.000	0.000E+00	9.397	1.879	1.029E-11	-6.345	0.000	0.000E+00						
723			69.698	13.940	4.198E-09	108.450	21.690	1.582E-08	8.082	1.616	6.545E-12	18.380	3.676	7.699E-11						
724			9.012	1.802	9.076E-12	96.513	19.303	1.115E-08	5.644	1.129	2.229E-12	8.415	1.683	7.388E-12						
725			5.768	1.154	2.379E-12	104.717	20.943	1.424E-08	97.142	19.428	1.137E-08	19.772	3.954	9.584E-11						
726			11.293	2.259	1.786E-11	8.592	1.718	7.865E-12	14.682	2.936	3.924E-11	6.552	1.310	3.487E-12						
727			6.975	1.395	4.208E-12	4.424	0.885	1.074E-12	65.595	13.119	3.500E-09	16.353	3.271	5.422E-11						
728			34.676	6.935	5.170E-10	51.988	10.398	1.742E-09	74.221	14.844	5.070E-09	15.914	3.183	4.997E-11						
729			13.389	2.678	2.976E-11	66.314	13.263	3.616E-09	7.275	1.455	4.774E-12	12.638	2.528	2.503E-11						
730			35.611	7.122	5.599E-10	16.029	3.206	5.106E-11	8.761	1.752	8.338E-12	29.997	5.999	3.347E-10						
731			13.767	2.753	3.236E-11	-5.169	0.000	0.000E+00	10.763	2.153	1.546E-11	-8.363	0.000	0.000E+00						
732			7.753	1.551	5.778E-12	19.048	3.810	8.569E-11	-28.912	0.000	0.000E+00	6.356	1.271	3.184E-12						
733			26.079	5.216	2.199E-10	18.729	3.746	8.146E-11	25.109	5.022	1.963E-10	9.212	1.842	9.693E-12						
734			32.005	6.401	4.065E-10	-8.440	0.000	0.000E+00	58.427	11.685	2.473E-09	5.461	1.092	2.019E-12						
735			71.277	14.255	4.490E-09	5.626	1.125	2.208E-12	17.185	3.437	6.293E-11	-11.866	0.000	0.000E+00						
736			4.008	0.802	7.982E-13	-3.149	0.000	0.000E+00	74.755	14.951	5.180E-09	7.719	1.544	5.702E-12						
737			9.680	1.936	1.125E-11	6.435	1.287	3.303E-12	62.011	12.402	2.957E-09	6.411	1.282	3.267E-12						
738			11.184	2.237	1.734E-11	76.091	15.218	5.463E-09	-77.163	0.000	0.000E+00	49.174	9.835	1.474E-09						
739			13.733	2.747	3.211E-11	16.353	3.271	5.422E-11	66.659	13.332	3.673E-09	9.292	1.858	9.948E-12						
740			7.360	1.472	4.943E-12	10.625	2.125	1.487E-11	82.042	16.408	6.847E-09	-7.426	0.000	0.000E+00						
741			3.276	0.655	4.361E-13	12.545	2.509	2.448E-11	24.651	4.930	1.857E-10	11.749	2.350	2.011E-11						
742			8.270	1.654	7.013E-12	-6.023	0.000	0.000E+00	74.842	14.968	5.198E-09	2.768	0.554	2.629E-13						
743			55.849	11.170	2.160E-09	25.281	5.056	2.003E-10	8.621	1.724	7.945E-12	6.153	1.231	2.888E-12						
744						7.355	1.471	4.932E-12	10.340	2.068	1.371E-11	52.896	10.579	1.835E-09						
745						3.580	0.716	5.687E-13	68.553	13.711	3.995E-09	13.138	2.628	2.812E-11						
746						7.594	1.519	5.431E-12	64.797	12.959	3.373E-09	5.688	1.138	2.282E-12						
747						137.704	27.541	3.238E-08	8.350	1.670	7.220E-12	6.874	1.375	4.028E-12						
748						8.456	1.691	7.497E-12	4.195	0.839	9.153E-13	12.551	2.510	2.451E-11						
749						9.213	1.843	9.697E-12	11.443	2.289	1.858E-11	126.090	25.218	2.486E-08						
750						10.772	2.154	1.550E-11	6.766	1.353	3.841E-12	5.998	1.200	2.675E-12						
751						8.183	1.637	6.794E-12	9.110	1.822	9.376E-12	-11.109	0.000	0.000E+00						
752						-3.551	0.000	0.000E+00	92.818	18.564	9.915E-09	17.417	3.483	6.551E-11						
753						2.098	0.420	1.145E-13	14.622	2.924	3.876E-11	9.813	1.963	1.172E-11						
754						9.728	1.946	1.142E-11	11.232	2.246	1.757E-11	-6.977	0.000	0.000E+00						
755						7.199	1.440	4.625E-12	13.165	2.633	2.829E-11	15.126	3.025	4.291E-11						

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
756						11.570	2.314	1.920E-11	-11.607	0.000	0.000E+00	18.686	3.737	8.089E-11						
757						-3.097	0.000	0.000E+00	-13.456	0.000	0.000E+00	5.172	1.034	1.715E-12						
758						16.931	3.386	6.018E-11	4.007	0.801	7.977E-13	7.108	1.422	4.453E-12						
759						8.595	1.719	7.871E-12	6.039	1.208	2.731E-12	34.831	6.966	5.239E-10						
760						18.883	3.777	8.349E-11	69.723	13.945	4.203E-09	46.048	9.210	1.211E-09						
761						9.034	1.807	9.142E-12	10.661	2.132	1.502E-11	11.055	2.211	1.675E-11						
762						50.028	10.006	1.553E-09	12.936	2.587	2.684E-11	5.124	1.025	1.668E-12						
763						84.308	16.862	7.430E-09	15.702	3.140	4.800E-11	25.683	5.137	2.100E-10						
764						11.625	2.325	1.948E-11	9.837	1.967	1.180E-11	43.084	8.617	9.916E-10						
765						7.259	1.452	4.742E-12	11.966	2.393	2.124E-11	25.879	5.176	2.149E-10						
766						6.593	1.319	3.554E-12	68.566	13.713	3.997E-09	10.101	2.020	1.278E-11						
767						4.653	0.931	1.249E-12	14.776	2.955	4.000E-11	34.028	6.806	4.886E-10						
768						13.701	2.740	3.189E-11	21.549	4.310	1.241E-10	17.322	3.464	6.445E-11						
769						9.608	1.922	1.100E-11	37.980	7.596	6.793E-10	8.509	1.702	7.638E-12						
770						18.585	3.717	7.960E-11	78.948	15.790	6.101E-09	42.715	8.543	9.664E-10						
771						-3.508	0.000	0.000E+00	22.562	4.512	1.424E-10	31.348	6.270	3.820E-10						
772						5.959	1.192	2.624E-12	-16.707	0.000	0.000E+00	7.896	1.579	6.103E-12						
773						4.761	0.952	1.338E-12	13.055	2.611	2.759E-11	50.818	10.164	1.627E-09						
774						8.482	1.696	7.566E-12	22.636	4.527	1.438E-10	15.319	3.064	4.457E-11						
775						14.694	2.939	3.934E-11	17.368	3.474	6.495E-11	21.395	4.279	1.214E-10						
776						11.887	2.377	2.083E-11	50.336	10.067	1.581E-09	7.130	1.426	4.494E-12						
777						15.040	3.008	4.218E-11	13.768	2.754	3.236E-11	9.150	1.830	9.500E-12						
778						10.233	2.047	1.329E-11	10.032	2.006	1.252E-11	2.638	0.528	2.276E-13						
779						10.220	2.044	1.324E-11	96.603	19.321	1.118E-08	3.853	0.771	7.091E-13						
780						13.985	2.797	3.391E-11	7.207	1.441	4.642E-12	3.480	0.696	5.225E-13						
781						7.013	1.403	4.276E-12	6.459	1.292	3.341E-12	10.880	2.176	1.597E-11						
782						38.310	7.662	6.971E-10	11.462	2.292	1.867E-11	5.337	1.067	1.885E-12						
783						5.764	1.153	2.375E-12	52.997	10.599	1.846E-09	54.463	10.893	2.003E-09						
784						-55.712	0.000	0.000E+00	13.102	2.620	2.789E-11	52.742	10.548	1.819E-09						
785						5.121	1.024	1.665E-12	5.487	1.097	2.049E-12	8.570	1.714	7.805E-12						
786						53.284	10.657	1.876E-09	13.844	2.769	3.290E-11	15.944	3.189	5.025E-11						
787						12.748	2.550	2.569E-11	48.481	9.696	1.413E-09	99.328	19.866	1.215E-08						
788						5.983	1.197	2.656E-12	-8.981	0.000	0.000E+00	7.729	1.546	5.726E-12						
789						124.475	24.895	2.391E-08	22.937	4.587	1.496E-10	38.488	7.698	7.069E-10						
790						22.346	4.469	1.384E-10	12.157	2.431	2.228E-11	8.032	1.606	6.426E-12						
791						10.017	2.003	1.246E-11	13.439	2.688	3.010E-11									
792						10.173	2.035	1.305E-11	66.409	13.282	3.631E-09									
793						9.769	1.954	1.156E-11	15.330	3.066	4.467E-11									
794						15.387	3.077	4.517E-11	50.063	10.013	1.556E-09									
795						19.819	3.964	9.652E-11	14.888	2.978	4.092E-11									
796						9.912	1.982	1.207E-11	5.314	1.063	1.861E-12									
797						-3.380	0.000	0.000E+00	11.133	2.227	1.711E-11									
798						18.439	3.688	7.773E-11	14.364	2.873	3.674E-11									
799						-20.719	0.000	0.000E+00	61.112	12.222	2.830E-09									
800						12.513	2.503	2.429E-11	35.075	7.015	5.350E-10									

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																						
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7				
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage		
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)			
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21				
801						16.201	3.240	5.272E-11	61.108	12.222	2.829E-09											
802						16.622	3.324	5.695E-11	20.051	4.010	9.995E-11											
803						6.089	1.218	2.799E-12	9.247	1.849	9.803E-12											
804						-85.378	0.000	0.000E+00	-16.363	0.000	0.000E+00											
805						80.066	16.013	6.364E-09	55.244	11.049	2.090E-09											
806						13.192	2.638	2.847E-11	52.044	10.409	1.748E-09											
807						18.747	3.749	8.170E-11	-11.994	0.000	0.000E+00											
808						5.769	1.154	2.381E-12	7.821	1.564	5.933E-12											
809						14.561	2.912	3.828E-11	5.530	1.106	2.096E-12											
810						17.511	3.502	6.658E-11	42.704	8.541	9.656E-10											
811						8.257	1.651	6.980E-12	4.155	0.831	8.894E-13											
812						6.665	1.333	3.671E-12	23.990	4.798	1.712E-10											
813						9.992	1.998	1.237E-11	-3.567	0.000	0.000E+00											
814						16.635	3.327	5.708E-11	22.030	4.406	1.326E-10											
815						6.252	1.250	3.030E-12	10.681	2.136	1.511E-11											
816						18.616	3.723	8.000E-11	11.749	2.350	2.011E-11											
817						11.025	2.205	1.661E-11	4.503	0.901	1.132E-12											
818						12.925	2.585	2.677E-11	12.645	2.529	2.507E-11											
819						11.282	2.256	1.780E-11	41.050	8.210	8.577E-10											
820						6.154	1.231	2.890E-12	6.441	1.288	3.314E-12											
821						28.193	5.639	2.779E-10	0.601	0.120	2.690E-15											
822						8.107	1.621	6.607E-12	-7.048	0.000	0.000E+00											
823						8.402	1.680	7.355E-12	11.005	2.201	1.652E-11											
824						9.360	1.872	1.017E-11	89.439	17.888	8.871E-09											
825						5.699	1.140	2.295E-12	7.626	1.525	5.500E-12											
826						54.545	10.909	2.012E-09	11.195	2.239	1.740E-11											
827						12.937	2.587	2.685E-11	37.378	7.476	6.475E-10											
828						8.242	1.648	6.941E-12	75.362	15.072	5.307E-09											
829						28.905	5.781	2.994E-10	-3.575	0.000	0.000E+00											
830						14.208	2.842	3.557E-11	4.197	0.839	9.165E-13											
831									19.481	3.896	9.166E-11											
832									10.614	2.123	1.483E-11											
833									-6.679	0.000	0.000E+00											
834									19.276	3.855	8.881E-11											
835									7.943	1.589	6.213E-12											
836									12.210	2.442	2.257E-11											
837									10.059	2.012	1.262E-11											
838									56.393	11.279	2.224E-09											
839									66.349	13.270	3.621E-09											
840									18.731	3.746	8.149E-11											
841									10.979	2.196	1.641E-11											
842									30.552	6.110	3.536E-10											
843									8.271	1.654	7.016E-12											
844									23.455	4.691	1.600E-10											
845									13.848	2.770	3.293E-11											

Data: Flyover 1 - Span 9 (25.00 m) - IG-04																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG21	200000	11.8097	SG21			SG21			SG21			SG21			SG21			SG21		
									7.243	1.449	4.711E-12									

Flyover 2 - Span 9 (34.75 m) - IG-01
Daily Maximum Stress and Cumulative Damage

		Day 1				Day 2				Day 3				Day 4				Summary				Day 5				Day 6				Day 7				Day 8				Day 9	
		Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage			Eqv.Stress	Damage				
		(MPa)				(MPa)				(MPa)				(MPa)				(MPa)				(MPa)				(MPa)				(MPa)				(MPa)					
Max.		26.229	2.797E-08	Max.		38.841	9.082E-08	Max.		32.923	5.531E-08	Max.		38.891	9.117E-08	Max.		39.949	9.882E-08	Max.		33.289	5.717E-08	Max.		36.927	7.804E-08	Max.		34.810	6.538E-08	Max.		25.179	2.474E-08	Max.		2.474E-08	
Cum.		-	1.209E-07	Cum.		-	9.996E-07	Cum.		-	4.151E-07	Cum.		-	1.153E-06	Cum.		-	8.198E-07	Cum.		-	5.693E-07	Cum.		-	4.569E-07	Cum.		-	4.330E-07	Cum.		-	3.183E-07	Cum.		3.183E-07	

Data: Flyover 2 - Span 9 (34.75 m) - IG-01

Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9			
			Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
			SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08
1	17.651	3.530	6.819E-11	76.573	15.315	5.567E-09	41.751	8.350	9.024E-10	6.675	1.335	3.688E-12	39.780	7.956	7.805E-10	59.415	11.883	2.601E-09	5.190	1.038	1.733E-12	46.278	9.256	1.229E-09	41.781	8.356	9.044E-10
2	7.404	1.481	5.032E-12	36.613	7.323	6.086E-10	50.274	10.055	1.576E-09	16.488	3.298	5.558E-11	51.380	10.276	1.682E-09	11.021	2.204	1.660E-11	10.292	2.058	1.352E-11	49.656	9.931	1.518E-09	6.153	1.231	2.888E-12
3	43.173	8.635	9.978E-10	6.514	1.303	3.427E-12	29.026	5.805	3.032E-10	46.194	9.239	1.222E-09	36.092	7.218	5.829E-10	36.889	7.378	6.224E-10	76.503	15.301	5.552E-09	46.613	9.323	1.256E-09	7.742	1.548	5.754E-12
4	26.177	5.235	2.224E-10	38.861	7.772	7.277E-10	18.930	3.786	8.411E-11	23.124	4.625	1.533E-10	42.404	8.481	9.454E-10	44.170	8.834	1.069E-09	47.648	9.530	1.341E-09	78.533	15.707	6.006E-09	83.501	16.700	7.219E-09
5	35.113	7.023	5.368E-10	41.842	8.368	9.083E-10	37.784	7.557	6.688E-10	73.280	14.656	4.879E-09	54.341	10.868	1.990E-09	8.605	1.721	7.900E-12	17.739	3.548	6.921E-11	72.840	14.568	4.792E-09	48.640	9.728	1.427E-09
6	7.070	1.414	4.382E-12	32.816	6.563	4.382E-10	51.967	10.393	1.740E-09	48.630	9.726	1.426E-09	57.810	11.562	2.395E-09	22.394	4.479	1.392E-10	3.242	0.648	4.227E-13	49.027	9.805	1.461E-09	45.075	9.015	1.136E-09
7	36.907	7.381	6.233E-10	76.835	15.367	5.624E-09	25.742	5.148	2.115E-10	20.363	4.073	1.047E-10	71.157	14.231	4.467E-09	40.673	8.135	8.343E-10	9.146	1.829	9.487E-12	46.212	9.242	1.224E-09	43.502	8.700	1.021E-09
8	59.076	11.815	2.556E-09	71.012	14.202	4.440E-09	34.496	6.899	5.090E-10	26.140	5.228	2.215E-10	56.001	11.200	2.178E-09	38.938	7.788	7.320E-10	11.861	2.372	2.069E-11	21.735	4.347	1.273E-10	47.624	9.525	1.339E-09
9	37.596	7.519	6.589E-10	29.335	5.867	3.130E-10	89.743	17.949	8.962E-09	57.308	11.462	2.334E-09	23.497	4.699	1.608E-10	15.791	3.158	4.882E-11	5.858	1.172	2.492E-12	35.359	7.072	5.481E-10	84.855	16.971	7.576E-09
10	44.584	8.917	1.099E-09	57.339	11.468	2.337E-09	42.014	8.403	9.196E-10	50.494	10.099	1.596E-09	25.506	5.101	2.057E-10	28.817	5.763	2.967E-10	23.557	4.711	1.621E-10	24.541	4.908	1.833E-10	24.276	4.855	1.774E-10
11	35.535	7.107	5.564E-10	24.559	4.912	1.837E-10	29.406	5.881	3.153E-10	36.667	7.333	6.112E-10	130.984	26.197	2.786E-08	40.351	8.070	8.146E-10	-38.317	0.000	0.000E+00	28.282	5.656	2.805E-10	25.360	5.072	2.022E-10
12	38.339	7.668	6.987E-10	31.195	6.239	3.764E-10	29.614	5.923	3.220E-10	24.323	4.865	1.784E-10	10.453	2.091	1.416E-11	70.543	14.109	4.353E-09	5.321	1.064	1.868E-12	30.110	6.022	3.385E-10	19.445	3.889	9.116E-11
13	38.918	7.784	7.308E-10	13.172	2.634	2.834E-11	11.674	2.335	1.972E-11	37.151	7.430	6.358E-10	48.460	9.692	1.411E-09	18.687	3.737	8.091E-11	26.683	5.337	2.355E-10	119.702	23.940	2.127E-08	15.193	3.039	4.348E-11
14	36.212	7.242	5.888E-10	25.187	5.037	1.981E-10	5.403	1.081	1.956E-12	45.621	9.124	1.177E-09	31.869	6.374	4.013E-10	47.887	9.577	1.362E-09	44.265	8.853	1.075E-09	16.460	3.292	5.529E-11	36.534	7.307	6.046E-10
15	52.476	10.495	1.792E-09	48.058	9.612	1.376E-09	37.564	7.513	6.572E-10	12.299	2.460	2.306E-11	1.300	0.260	2.724E-14	36.251	7.250	5.907E-10	16.968	3.394	6.058E-11	32.323	6.465	4.187E-10	39.369	7.874	7.566E-10
16	19.851	3.970	9.699E-11	13.506	2.701	3.055E-11	37.074	7.415	6.318E-10	44.191	8.838	1.070E-09	49.362	9.872	1.491E-09	3.419	0.684	4.957E-13	49.877	9.975	1.538E-09	40.445	8.089	8.203E-10	16.374	3.275	5.443E-11
17	52.938	10.588	1.839E-09	39.435	7.887	7.604E-10	6.376	1.275	3.214E-12	7.450	1.490	5.128E-12	13.753	2.751	3.225E-11	12.072	2.414	2.182E-11	14.310	2.862	3.633E-11	18.999	3.800	8.503E-11	8.066	1.613	6.506E-12
18	47.417	9.483	1.322E-09	104.965	20.993	1.434E-08	41.289	8.258	8.727E-10	41.661	8.332	8.966E-10	39.698	7.940	7.757E-10	50.990	10.198	1.644E-09	37.714	7.543	6.651E-10	46.655	9.331	1.259E-09	39.072	7.814	7.396E-10
19	14.508	2.902	3.787E-11	30.202	6.040	3.416E-10	37.058	7.412	6.310E-10	13.039	2.608	2.749E-11	35.945	7.189	5.759E-10	30.358	6.072	3.469E-10	32.591	6.518	4.292E-10	44.643	8.929	1.103E-09	15.100	3.020	4.269E-11
20	39.056	7.811	7.387E-10	22.965	4.593	1.502E-10	33.062	6.612	4.481E-10	45.036	9.007	1.133E-09	36.676	7.335	6.117E-10	45.081	9.016	1.136E-09	9.546	1.909	1.078E-11	2.846	0.569	2.858E-13	33.429	6.686	4.632E-10
21	51.569	10.314	1.700E-09	15.626	3.125	4.731E-11	32.415	6.483	4.223E-10	20.410	4.082	1.054E-10	45.230	9.046	1.147E-09	2.352	0.470	1.612E-13	19.569	3.914	9.292E-11	50.546	10.109	1.601E-09	44.214	8.843	1.072E-09
22	11.328	2.266	1.802E-11	37.117	7.423	6.340E-10	32.001	6.400	4.063E-10	33.346	6.669	4.598E-10	34.188	6.838	4.955E-10	32.637	6.527	4.310E-10	41.678	8.336	8.976E-10	34.537	6.907	5.108E-10	47.276	9.455	1.310E-09
23	35.934	7.187	5.753E-10	50.305	10.061	1.578E-09	31.379	6.276	3.831E-10	45.847	9.169	1.195E-09	31.102	6.220	3.731E-10	67.899	13.580	3.881E-09	28.864	5.773	2.982E-10	30.067	6.013	3.370E-10	41.143	8.229	8.635E-10
24	-3.498	0.000	0.000E+00	16.883	3.377	5.967E-11	46.262	9.252	1.228E-09	69.955	13.991	4.245E-09	41.273	8.255	8.718E-10	45.173	9.035	1.143E-09	22.840	4.568	1.477E-10	33.778	6.756	4.778E-10	32.595	6.519	4.294E-10
25	50.042	10.008	1.554E-09	-4.460	0.000	0.000E+00	40.238	8.048	8.078E-10	28.615	5.723	2.905E-10	41.302	8.260	8.736E-10	30.116	6.023	3.387E-10	45.699	9.140	1.183E-09	49.545	9.909	1.508E-09	34.824	6.965	5.236E-10
26	7.173	1.435	4.575E-12	39.590	7.918	7.694E-10	27.590	5.518	2.604E-10	38.217	7.643	6.921E-10	30.044	6.009	3.362E-10	46.818	9.364	1.272E-09	37.823	7.565	6.709E-10	42.266	8.453	9.362E-10	125.895	25.179	2.474E-08
27	38.224	7.645	6.924E-10	43.912	8.782	1.050E-09	40.605	8.121	8.301E-10	34.492	6.898	5.088E-10	48.679	9.736	1.430E-09	8.757	1.751	8.326E-12	46.760	9.352	1.268E-09	16.169	3.234	5.242E-11	48.350	9.670	1.401E-09
28	42.499	8.500	9.518E-10	27.997	5.599	2.721E-10	31.268	6.254	3.790E-10	2.855	0.571	2.886E-13	30.280	6.056	3.442E-10	32.786	6.557	4.370E-10	6.999	1.400	4.251E-12	30.437	6.087	3.496E-10	19.723	3.945	9.513E-11
29	45.430	9.086	1.163E-09	44.519	8.904	1.094E-09	39.800	7.960	7.817E-10	51.173	10.235	1.662E-09	31.749	6.350	3.968E-10	42.019	8.404	9.199E-10	34.804	6.961	5.227E-10	42.502	8.500	9.520E-10	44.973	8.995	1.128E-09
30	49.909	9.982	1.541E-09	47.483	9.497	1.327E-09	44.983	8.997	1.129E-09	35.413	7.083	5.507E-10	39.252	7.850	7.499E-10	31.902	6.380	4.026E-10	41.559	8.312	8.900E-10	28.285	5.657	2.806E-10	48.378	9.676	1.404E-09
31	53.410	10.682	1.889E-09	30.267	6.053	3.438E-10	30.444	6.089	3.499E-10	49.272	9.854	1.483E-09	38.485	7.697	7.068E-10	31.817	6.363	3.994E-10	28.207	5.641	2.783E-10	44.808	8.962	1.115E-09	43.195	8.639	9.993E-10
32	42.672	8.534	9.634E-10	37.796	7.559	6.695E-10	46.843	9.369	1.274E-09	32.463	6.493	4.242E-10	40.582	8.116	8.287E-10	34.851	6.970	5.249E-10	44.901	8.980	1.122E-09	11.594	2.319	1.932E-11	29.429	5.886	3.160E-10
33	39.203	7.841	7.470E-10	34.202	6.840	4.961E-10	12.339	2.468	2.329E-11	35.298	7.060	5.453E-10	9.845	1.969	1.183E-11	30.964	6.193	3.681E-10	44.164	8.833	1.068E-09	29.725	5.945	3.256E-10	42.519	8.504	9.531E-11
34	17.090	3.418	6.189E-11	38.871	7.774	7.282E-10	9.342	1.868	1.011E-11	52.228	10.446	1.766E-09	33.567	6.713	4.689E-10	47.409	9.482	1.321E-09	33.670	6.734	4.733E-10	13.239	2.648	2.877E-11	29.6		

Data: Flyover 2 - Span 9 (34.75 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08		
48	21.257	4.251	1.191E-10	32.857	6.571	4.398E-10	33.937	6.787	4.846E-10	35.011	7.002	5.321E-10	27.014	5.403	2.444E-10	31.629	6.326	3.923E-10	39.840	7.968	7.841E-10	38.063	7.613	6.838E-10	41.288	8.258	8.727E-10
49	42.832	8.566	9.743E-10	32.497	6.499	4.255E-10	48.188	9.638	1.387E-09	30.966	6.193	3.682E-10	32.901	6.580	4.416E-10	32.461	6.492	4.241E-10	49.853	9.971	1.536E-09	32.334	6.467	4.192E-10	36.628	7.326	6.093E-10
50	36.801	7.360	6.180E-10	46.687	9.337	1.262E-09	35.233	7.047	5.423E-10	31.050	6.210	3.712E-10	35.074	7.015	5.350E-10	50.490	10.098	1.596E-09	27.516	5.503	2.583E-10	33.514	6.703	4.667E-10	11.589	2.318	1.930E-11
51	34.190	6.838	4.956E-10	32.375	6.475	4.207E-10	36.136	7.227	5.851E-10	45.829	9.166	1.193E-09	35.779	7.156	5.679E-10	35.632	7.126	5.609E-10	44.633	8.927	1.102E-09	44.866	8.973	1.120E-09	38.574	7.715	7.117E-10
52	39.387	7.877	7.576E-10	45.626	9.125	1.178E-09	45.278	9.056	1.151E-09	34.920	6.984	5.280E-10	40.533	8.107	8.257E-10	37.746	7.549	6.668E-10	35.711	7.142	5.647E-10	29.588	5.918	3.212E-10	34.375	6.875	5.036E-10
53	41.377	8.275	8.784E-10	17.922	3.584	7.138E-11	36.130	7.226	5.848E-10	37.974	7.595	6.790E-10	52.581	10.516	1.803E-09	27.122	5.424	2.474E-10	10.781	2.156	1.554E-11	45.134	9.027	1.140E-09	37.974	7.595	6.790E-10
54	5.964	1.193	2.630E-12	33.586	6.717	4.697E-10	35.645	7.129	5.616E-10	36.108	7.222	5.837E-10	56.197	11.239	2.200E-09	46.442	9.288	1.242E-09	33.787	6.757	4.782E-10	30.061	6.012	3.368E-10	30.687	6.137	3.583E-10
55	19.594	3.919	9.328E-11	38.875	7.775	7.285E-10	30.428	6.086	3.493E-10	50.145	10.029	1.563E-09	36.633	7.327	6.095E-10	9.022	1.804	9.104E-12	38.682	7.736	7.176E-10	35.007	7.001	5.319E-10	51.856	10.371	1.729E-09
56	38.847	7.769	7.269E-10	47.073	9.415	1.293E-09	10.123	2.025	1.286E-11	35.227	7.045	5.420E-10	50.655	10.131	1.612E-09	14.583	2.917	3.845E-11	33.236	6.647	4.552E-10	8.805	1.761	8.465E-12	34.040	6.808	4.891E-10
57	15.302	3.060	4.443E-11	39.347	7.869	7.553E-10	34.972	6.994	5.304E-10	25.771	5.154	2.122E-10	42.982	8.596	9.846E-10	16.329	3.266	5.399E-11	27.816	5.563	2.669E-10	39.605	7.921	7.703E-10	47.719	9.544	1.347E-09
58	57.372	11.474	2.341E-09	35.193	7.039	5.405E-10	31.976	6.395	4.054E-10	41.894	8.379	9.117E-10	38.856	7.771	7.274E-10	37.396	7.479	6.484E-10	43.555	8.711	1.024E-09	34.292	6.858	5.000E-10	33.097	6.619	4.495E-10
59	37.232	7.446	6.400E-10	33.650	6.730	4.724E-10	31.790	6.358	3.983E-10	37.122	7.424	6.343E-10	39.565	7.913	7.679E-10	35.552	7.110	5.572E-10	52.869	10.574	1.832E-09	29.462	5.892	3.171E-10	31.683	6.337	3.943E-10
60	38.622	7.724	7.143E-10	18.868	3.774	8.328E-11	32.745	6.549	4.353E-10	41.933	8.387	9.142E-10	-8.302	0.000	0.000E+00	27.847	5.569	2.678E-10	49.453	9.891	1.500E-09	46.126	9.225	1.217E-09	37.909	7.582	6.755E-10
61	46.697	9.339	1.263E-09	30.459	6.092	3.504E-10	47.348	9.470	1.316E-09	52.816	10.563	1.827E-09	54.306	10.861	1.986E-09	43.803	8.761	1.042E-09	34.175	6.835	4.949E-10	32.032	6.406	4.075E-10	28.057	5.611	2.739E-10
62	37.389	7.478	6.481E-10	47.934	9.587	1.366E-09	42.694	8.539	9.649E-10	39.385	7.877	7.575E-10	34.625	6.925	5.147E-10	31.528	6.306	3.886E-10	36.058	7.212	5.813E-10	32.527	6.505	4.267E-10	36.252	7.250	5.907E-10
63	32.927	6.585	4.426E-10	40.950	8.190	8.514E-10	33.096	6.619	4.955E-10	41.771	8.354	9.037E-10	35.499	7.100	5.547E-10	47.278	9.456	1.310E-09	31.903	6.381	4.026E-10	45.810	9.162	1.192E-09	42.659	8.532	9.625E-10
64	50.287	10.057	1.577E-09	32.881	6.576	4.408E-10	30.586	6.117	3.548E-10	-5.361	0.000	0.000E+00	48.060	9.612	1.376E-09	41.446	8.289	8.827E-10	32.576	6.515	4.286E-10	31.429	6.286	3.849E-10	46.815	9.363	1.272E-09
65	44.623	8.925	1.102E-09	31.604	6.321	3.914E-10	42.315	8.463	9.395E-10	23.526	4.705	1.615E-10	34.046	6.809	4.893E-10	59.428	11.886	2.602E-09	48.243	9.649	1.392E-09	36.514	7.303	6.036E-10	32.957	6.591	4.438E-10
66	36.014	7.203	5.792E-10	27.867	5.573	2.683E-10	33.803	6.761	4.789E-10	40.809	8.162	8.427E-10	37.255	7.451	6.411E-10	33.252	6.650	4.559E-10	42.705	8.541	9.656E-10	37.638	7.528	6.611E-10	32.279	6.456	4.170E-10
67	49.307	9.861	1.486E-09	30.279	6.056	3.442E-10	36.019	7.204	5.794E-10	27.406	5.481	2.552E-10	35.852	7.170	5.714E-10	43.189	8.638	9.989E-10	33.327	6.665	4.589E-10	26.653	5.331	2.348E-10	38.095	7.619	6.855E-10
68	44.475	8.895	1.091E-09	34.300	6.860	5.003E-10	47.518	9.504	1.330E-09	37.762	7.552	6.677E-10	53.317	10.663	1.879E-09	25.952	5.190	2.167E-10	36.369	7.274	5.965E-10	38.418	7.684	7.031E-10	45.625	9.125	1.178E-09
69	41.721	8.344	9.004E-10	34.109	6.822	4.921E-10	30.227	6.045	3.424E-10	51.567	10.313	1.700E-09	49.861	9.972	1.537E-09	51.428	10.286	1.686E-09	26.853	5.371	2.401E-10	47.329	9.466	1.315E-09	35.752	7.150	5.666E-10
70	5.888	1.178	2.531E-12	12.407	2.481	2.368E-11	38.520	7.704	7.087E-10	40.802	8.160	8.422E-10	42.956	8.591	9.828E-10	54.817	10.963	2.042E-09	46.172	9.234	1.220E-09	12.344	2.469	2.332E-11	47.905	9.581	1.363E-09
71	36.069	7.214	5.818E-10	51.045	10.209	1.649E-09	33.709	6.742	4.749E-10	56.257	11.251	2.208E-09	31.253	6.251	3.785E-10	34.193	6.839	4.957E-10	31.213	6.243	3.771E-10	34.764	6.953	5.209E-10	34.014	6.803	4.879E-10
72	14.457	2.891	3.746E-11	30.841	6.168	3.637E-10	28.177	5.635	2.774E-10	40.132	8.026	8.014E-10	17.957	3.591	7.179E-11	45.361	9.072	1.157E-09	5.563	1.113	2.135E-12	12.759	2.552	2.575E-11	20.858	4.172	1.125E-10
73	18.933	3.787	8.415E-11	38.868	7.774	7.281E-10	40.331	8.066	8.134E-10	56.971	11.394	2.293E-09	41.368	8.274	8.778E-10	7.389	1.478	5.002E-12	43.904	8.781	1.049E-09	22.983	4.597	1.505E-10	27.305	5.461	2.524E-10
74	41.367	8.273	8.777E-10	14.324	2.865	3.644E-11	39.788	7.958	7.810E-10	56.445	11.289	2.230E-09	8.293	1.659	7.073E-12	47.554	9.511	1.333E-09	39.721	7.944	7.770E-10	28.715	5.743	2.936E-10	48.096	9.619	1.379E-09
75	27.645	5.529	2.620E-10	34.367	6.873	5.033E-10	35.079	7.016	5.352E-10	20.219	4.044	1.025E-10	39.376	7.875	7.570E-10	53.521	10.704	1.901E-09	47.985	9.597	1.370E-09	6.565	1.313	3.509E-12	35.908	7.182	5.741E-10
76	32.881	6.576	4.408E-10	49.081	9.816	1.466E-09	33.232	6.646	4.551E-10	45.986	9.197	1.206E-09	37.556	7.511	6.568E-10	28.004	5.601	2.732E-10	44.398	8.880	1.085E-09	21.511	4.302	1.234E-10	7.802	1.560	5.888E-12
77	39.089	7.818	7.405E-10	30.342	6.068	3.464E-10	51.712	10.342	1.715E-09	46.449	9.290	1.243E-09	53.625	10.725	1.912E-09	33.787	6.707	4.782E-10									

Data: Flyover 2 - Span 9 (34.75 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08		
105	43.756	8.751	1.039E-09	32.607	6.521	4.299E-10	37.648	7.530	6.616E-10	34.909	6.982	5.275E-10	48.591	9.718	1.422E-09	38.218	7.644	6.921E-10	40.346	8.069	8.143E-10	31.491	6.298	3.872E-10	36.601	7.320	6.080E-10
106	7.122	1.424	4.479E-12	33.687	6.737	4.740E-10	31.174	6.235	3.756E-10	6.715	1.343	3.753E-12	43.926	8.785	1.051E-09	42.892	8.578	9.784E-10	4.933	0.987	1.489E-12	-8.008	0.000	0.000E+00	14.986	2.997	4.173E-11
107	42.407	8.481	9.456E-10	32.847	6.569	4.394E-10	52.850	10.570	1.830E-09	35.280	7.056	5.445E-10	9.000	1.800	9.040E-12	30.540	6.108	3.532E-10	37.974	7.595	6.790E-10	5.602	1.120	2.180E-12	31.639	6.328	3.927E-10
108	35.184	7.037	5.400E-10	92.633	18.527	9.856E-09	37.827	7.565	6.711E-10	36.152	7.230	5.859E-10	47.253	9.451	1.308E-09	36.911	7.382	6.235E-10	21.742	4.348	1.274E-10	33.020	6.604	4.464E-10	47.583	9.517	1.336E-09
109				40.053	8.011	7.967E-10	32.260	6.452	4.163E-10	22.733	4.547	1.457E-10	16.179	3.236	5.251E-11	24.155	4.831	1.748E-10	35.212	7.042	5.413E-10	31.803	6.361	3.988E-10	36.460	7.292	6.009E-10
110				38.539	7.708	7.097E-10	33.297	6.659	4.577E-10	36.093	7.219	5.830E-10	24.123	4.825	1.741E-10	29.543	5.909	3.197E-10	38.174	7.635	6.898E-10	6.001	1.200	2.680E-12	41.991	8.398	9.180E-10
111				89.988	17.998	9.035E-09	42.114	8.423	9.261E-10	-4.723	0.000	0.000E+00	56.834	11.367	2.276E-09	42.005	8.401	9.190E-10	37.915	7.583	6.758E-10	34.021	6.804	4.883E-10	26.313	5.263	2.259E-10
112				21.368	4.274	1.210E-10	41.246	8.249	8.700E-10	36.736	7.347	6.147E-10	38.759	7.752	7.220E-10	34.794	6.959	5.223E-10	26.220	5.244	2.235E-10	39.683	7.937	7.748E-10	30.007	6.001	3.350E-10
113				45.481	9.096	1.166E-09	21.441	4.288	1.222E-10	39.699	7.940	7.758E-10	29.578	5.916	3.208E-10	12.007	2.401	2.147E-11	31.063	6.213	3.716E-10	34.530	6.906	5.105E-10	44.905	8.981	1.123E-09
114				31.082	6.216	3.723E-10	35.681	7.136	5.633E-10	44.244	8.849	1.074E-09	21.836	4.367	1.291E-10	37.587	7.517	6.584E-10	30.591	6.118	3.549E-10	4.629	0.926	1.230E-12	17.203	3.441	6.313E-11
115				38.836	7.767	7.263E-10	44.630	8.926	1.102E-09	55.850	11.170	2.160E-09	37.759	7.552	6.675E-10	24.575	4.915	1.840E-10	43.855	8.771	1.046E-09	29.848	5.970	3.297E-10	105.366	21.073	1.450E-08
116				32.297	6.459	4.177E-10	47.266	9.453	1.309E-09	36.638	7.328	6.098E-10	32.628	6.526	4.307E-10	31.614	6.323	3.918E-10	41.678	8.336	8.977E-10	13.463	2.693	3.026E-11	34.679	6.936	5.171E-10
117				36.637	7.327	6.097E-10	42.464	8.493	9.494E-10	12.934	2.587	2.683E-11	39.757	7.951	7.791E-10	29.472	5.894	3.174E-10	28.432	5.686	2.850E-10	41.222	8.244	6.865E-10	38.393	7.679	7.017E-10
118				48.579	9.716	1.421E-09	35.992	7.198	5.781E-10	40.174	8.035	8.039E-10	34.174	6.835	4.949E-10	12.059	2.412	2.174E-11	32.503	6.501	4.257E-10	28.842	5.768	2.975E-10	32.411	6.482	4.221E-10
119				40.943	8.189	8.510E-10	35.855	7.171	5.715E-10	40.779	8.156	8.408E-10	24.982	4.996	1.933E-10	22.560	4.512	1.424E-10	33.586	6.717	4.698E-10	37.926	7.585	6.764E-10	26.271	5.254	2.248E-10
120				36.871	7.374	6.215E-10	95.318	19.064	1.074E-08	73.780	14.756	4.980E-09	173.259	34.652	6.449E-08	76.301	15.260	5.508E-09	39.424	7.885	7.597E-10	19.299	3.860	8.912E-11	35.970	7.194	5.770E-10
121				33.717	6.743	4.753E-10	50.465	10.093	1.594E-09	33.934	6.787	4.845E-10	36.356	7.271	5.958E-10	43.576	8.715	1.026E-09	33.848	6.770	4.808E-10	35.325	7.065	5.465E-10	31.569	6.314	3.901E-10
122				22.441	4.488	1.401E-10	32.087	6.417	4.096E-10	31.535	6.307	3.888E-10	38.888	7.778	7.292E-10	32.438	6.488	4.232E-10	12.960	2.592	2.699E-11	43.405	8.681	1.014E-09	47.638	9.528	1.340E-09
123				32.274	6.455	4.168E-10	17.842	3.568	7.042E-11	53.886	10.777	1.940E-09	106.868	21.374	1.513E-08	33.428	6.686	4.632E-10	40.679	8.136	8.347E-10	40.895	8.179	8.480E-10	39.807	7.961	7.821E-10
124				16.207	3.241	5.279E-11	48.776	9.755	1.439E-09	36.204	7.241	5.884E-10	9.626	1.925	1.106E-11	29.691	5.938	3.245E-10	31.795	6.359	3.985E-10	38.355	7.671	6.996E-10	40.066	8.013	7.975E-10
125				34.984	6.997	5.309E-10	37.172	7.434	6.369E-10	94.530	18.906	1.047E-08	82.883	16.577	7.060E-09	37.513	7.503	6.545E-10	44.054	8.811	1.060E-09	10.530	2.106	1.448E-11	37.302	7.460	6.436E-10
126				151.979	30.396	4.353E-08	51.034	10.207	1.648E-09	34.973	6.995	5.304E-10	36.428	7.286	5.994E-10	35.489	7.098	5.542E-10	9.732	1.946	1.143E-11	39.389	7.878	7.577E-10	29.047	5.809	3.039E-10
127				29.108	5.822	3.058E-10	38.500	7.700	7.076E-10	31.613	6.323	3.917E-10	25.532	5.106	2.064E-10	38.020	7.604	6.814E-10	9.720	1.944	1.139E-11	39.231	7.846	7.487E-10	35.777	7.155	5.678E-10
128				74.148	14.830	5.055E-09	36.126	7.225	5.846E-10	39.400	7.880	7.584E-10	32.692	6.538	4.332E-10	35.070	7.014	5.348E-10	32.156	6.431	4.123E-10	9.289	1.858	9.938E-12	30.189	6.038	3.411E-10
129				54.685	10.937	2.028E-09	66.231	13.246	3.602E-09	170.373	34.075	6.132E-08	143.458	28.692	3.661E-08	30.610	6.122	3.556E-10	36.665	7.333	6.112E-10	13.718	2.744	3.201E-11	42.271	8.454	9.365E-10
130				38.034	7.607	6.822E-10	4.768	0.954	1.344E-12	37.771	7.554	6.681E-10	38.831	7.766	7.260E-10	114.755	22.951	1.874E-08	31.917	6.383	4.031E-10	30.427	6.085	3.493E-10	25.412	5.082	2.035E-10
131				36.794	7.359	6.176E-10	50.852	10.170	1.630E-09	37.692	7.538	6.639E-10	77.799	15.560	5.839E-09	38.815	7.763	7.251E-10	37.127	7.425	6.345E-10	33.862	6.772	4.814E-10	27.749	5.550	2.649E-10
132				22.083	4.417	1.335E-10	28.978	5.796	3.017E-10	45.472	9.094	1.166E-09	53.920	10.784	1.944E-09	26.402	5.280	2.282E-10	43.447	8.689	1.017E-09	39.816	7.963	7.827E-10	47.120	9.424	1.297E-09
133				39.789	7.958	7.811E-10	40.613	8.123	8.306E-10	31.079	6.216	3.722E-10	34.670	6.934	5.167E-10	33.266	6.653	4.564E-10	33.888	6.778	4.825E-10	43.060	8.612	9.899E-10	32.915	6.583	4.422E-10
134				14.734	2.947	3.966E-11	38.344	7.669	6.990E-10	6.060	1.212	2.760E-12	31.787	6.357	3.982E-10	36.333	7.267	5.947E-10	76.392	15.278	5.528E-09	49.758	9.952	1.528E-09	40.019	8.004	7.946E-10
135				51.359	10.272	1.680E-09	43.642	8.728	1.031E-09	38.607	7.721	7.135E-10	38.394	7.679	7.017E-10	26.575	5.315	2.327E-10	-3.938	0.000	0.000E+00	42.346	8.469	9.451E-10	37.587	7.517	6.584E-10
136				16.541	3.308	5.612E-11	48.202	9.640	1.389E-09	38.928	7.786	7.314E-10	33.213	6.643	4.543E-10	35.316	7.063	5.4									

Data: Flyover 2 - Span 9 (34.75 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08		
162				31.507	6.301	3.878E-10	43.488	8.698	1.020E-09	34.484	6.897	5.085E-10	21.127	4.225	1.169E-10	29.234	5.847	3.098E-10	7.677	1.535	5.609E-12	48.246	9.649	1.392E-09	49.883	9.977	1.539E-09
163				37.946	7.589	6.775E-10	32.531	6.506	4.269E-10	44.577	8.915	1.098E-09	50.009	10.002	1.551E-09	51.339	10.268	1.678E-09	40.669	8.134	8.340E-10	45.097	9.019	1.137E-09	46.740	9.348	1.266E-09
164				17.184	3.437	6.291E-11	24.520	4.904	1.828E-10	165.480	33.096	5.619E-08	35.425	7.085	5.512E-10	36.015	7.203	5.792E-10	-4.208	0.000	0.000E+00	42.697	8.539	9.651E-10	16.136	3.227	5.210E-11
165				10.356	2.071	1.377E-11	31.241	6.248	3.781E-10	47.573	9.515	1.335E-09	48.164	9.633	1.385E-09	25.589	5.118	2.077E-10	30.748	6.150	3.604E-10	22.940	4.588	1.497E-10	9.333	1.867	1.008E-11
166				40.828	8.166	8.438E-10	32.336	6.467	4.192E-10	44.744	8.949	1.111E-09	51.120	10.224	1.656E-09	26.889	5.378	2.410E-10	34.684	6.937	5.173E-10	36.429	7.286	5.994E-10	35.606	7.121	5.597E-10
167				27.072	5.414	2.460E-10	28.859	5.772	2.980E-10	30.312	6.062	3.453E-10	47.133	9.427	1.298E-09	44.584	8.917	1.099E-09	44.549	8.910	1.096E-09	16.351	3.270	5.420E-11	38.030	7.606	6.820E-10
168				81.522	16.304	6.718E-09	44.459	8.892	1.090E-09	36.070	7.214	5.819E-10	9.788	1.958	1.163E-11	38.258	7.652	6.943E-10	36.064	7.213	5.816E-10	30.467	6.093	3.507E-10	50.991	10.198	1.644E-09
169				149.819	29.964	4.170E-08	37.529	7.506	6.554E-10	37.669	7.534	6.628E-10	25.691	5.138	2.102E-10	19.996	3.999	9.913E-11	8.606	1.721	7.904E-12	43.948	8.790	1.052E-09	9.192	1.838	9.629E-12
170				54.073	10.815	1.960E-09	34.979	6.996	5.307E-10	38.435	7.687	7.040E-10	36.717	7.343	6.137E-10	29.199	5.840	3.087E-10	15.365	3.073	4.498E-11	45.446	9.089	1.164E-09	10.099	2.020	1.277E-11
171				10.891	2.178	1.602E-11	11.828	2.366	2.052E-11	39.193	7.839	7.465E-10	26.289	5.258	2.253E-10	46.238	9.248	1.226E-09	184.635	36.927	7.804E-08	20.565	4.113	1.078E-10	9.281	1.856	9.913E-12
172				33.046	6.609	4.474E-10	154.007	30.801	4.529E-08	27.318	5.464	2.528E-10	19.091	3.818	8.628E-11	8.660	1.732	8.054E-12	26.099	5.220	2.204E-10	35.379	7.076	5.490E-10	18.584	3.717	7.958E-11
173				9.084	1.817	9.294E-12	33.483	6.697	4.654E-10	179.770	35.954	7.203E-08	32.931	6.586	4.428E-10	31.096	6.219	3.728E-10	35.094	7.019	5.359E-10	35.538	7.108	5.565E-10	57.559	11.512	2.364E-09
174				83.617	16.723	7.249E-09	39.216	7.843	7.478E-10	10.874	2.175	1.594E-11	29.511	5.902	3.187E-10	41.713	8.343	8.999E-10	31.170	6.234	3.755E-10	46.000	9.200	1.207E-09	39.817	7.963	7.827E-10
175				38.888	7.778	7.292E-10	32.113	6.423	4.106E-10	48.877	9.775	1.448E-09	45.280	9.056	1.151E-09	31.194	6.239	7.364E-10	39.146	7.829	7.438E-10	13.680	2.736	3.174E-11	48.898	9.780	1.450E-09
176				50.838	10.168	1.629E-09	33.540	6.708	4.678E-10	42.788	8.558	9.713E-10	45.902	9.180	1.199E-09	36.503	7.301	6.031E-10	9.144	1.829	9.480E-12	174.051	34.810	6.538E-08	41.601	8.320	8.927E-10
177				42.681	8.536	9.640E-10	47.308	9.462	1.313E-09	24.888	4.978	1.911E-10	51.080	10.216	1.652E-09	48.229	9.646	1.391E-09	34.829	6.966	5.239E-10	32.623	6.525	4.305E-10	37.749	7.550	6.670E-10
178				38.828	7.766	7.258E-10	131.492	26.298	2.819E-08	20.217	4.043	1.025E-10	13.782	2.756	3.246E-11	22.987	4.597	1.506E-10	30.628	6.126	3.562E-10	15.995	3.199	5.074E-11	40.553	8.111	8.269E-10
179				33.721	6.744	4.754E-10	5.039	1.008	1.587E-12	32.545	6.509	4.274E-10	38.386	7.677	7.013E-10	45.267	9.053	1.150E-09	47.416	9.483	1.322E-09	25.135	5.027	1.969E-10	6.029	1.206	2.718E-12
180				44.974	8.995	1.128E-09	34.578	6.916	5.126E-10	34.729	6.946	5.193E-10	34.088	6.818	4.911E-10	162.843	32.569	5.354E-08	47.985	9.597	1.370E-09	53.331	10.666	1.881E-09	24.061	4.812	1.727E-10
181				136.862	27.372	3.179E-08	44.821	8.964	1.116E-09	6.234	1.247	3.004E-12	35.335	7.067	5.470E-10	48.189	9.638	1.387E-09	40.062	8.012	7.973E-10	39.266	7.853	7.506E-10	25.715	5.143	2.108E-10
182				-23.151	0.000	0.000E+00	32.280	6.456	4.171E-10	28.601	5.720	2.901E-10	27.937	5.587	2.703E-10	35.522	7.104	5.558E-10	47.433	9.487	1.323E-09	8.917	1.783	8.792E-12	39.625	7.925	7.714E-10
183				48.438	9.688	1.409E-09	39.036	7.807	7.375E-10	70.023	14.005	4.257E-09	38.861	7.772	7.277E-10	43.327	8.665	1.008E-09	36.671	7.334	6.115E-10	6.066	1.213	2.768E-12	25.576	5.115	2.074E-10
184				38.731	7.746	7.204E-10	42.219	8.444	9.331E-10	28.518	5.704	2.876E-10	50.669	10.134	1.613E-09	21.663	4.333	1.261E-10	38.868	7.774	7.281E-10	32.639	6.528	4.311E-10	38.493	7.699	7.072E-10
185				32.862	6.572	4.400E-10	8.859	1.772	8.619E-12	144.585	28.917	3.748E-08	49.289	9.858	1.485E-09	50.057	10.011	1.555E-09	5.923	1.185	2.576E-12	46.449	9.290	1.243E-09	36.694	7.339	6.126E-10
186				48.437	9.687	1.409E-09	42.118	8.424	9.264E-10	41.150	8.230	8.640E-10	39.171	7.834	7.452E-10	35.365	7.073	5.484E-10	43.868	8.774	1.047E-09	12.585	2.517	2.472E-11	37.704	7.541	6.646E-10
187				18.000	3.600	7.231E-11	37.384	7.477	6.478E-10	32.577	6.515	4.287E-10	52.069	10.414	1.750E-09	35.448	7.090	5.523E-10	29.690	5.938	3.245E-10	37.180	7.436	6.372E-10	25.763	5.153	2.120E-10
188				31.795	6.359	3.986E-10	82.730	16.546	7.021E-09	20.606	4.121	1.085E-10	20.472	4.094	1.064E-10	27.743	5.549	2.648E-10	33.322	6.664	4.588E-10	29.460	5.892	3.170E-10	28.569	5.714	2.891E-10
189				22.838	4.568	1.477E-10	38.039	7.608	6.824E-10	14.381	2.876	3.688E-11	33.076	6.615	4.487E-10	48.538	9.708	1.418E-09	43.384	8.677	1.012E-09	36.677	7.335	6.118E-10	8.195	1.639	6.823E-12
190				34.579	6.916	5.127E-10	17.908	3.582	7.120E-11	11.577	2.315	1.924E-11	26.400	5.280	2.281E-10	32.011	6.402	4.067E-10	37.957	7.591	6.781E-10	42.791	8.558	9.791E-10	41.710	8.342	8.997E-10
191				20.374	4.075	1.049E-10	47.708	9.542	1.346E-09	49.795	9.959	1.531E-09	47.126	9.425	1.298E-09	36.462	7.292	6.011E-10	32.376	6.475	4.208E-10	20.127	4.025	1.011E-10	6.148	1.230	2.881E-12
192				6.407	1.281	3.261E-12	-18.712	0.000	0.000E+00	46.859	9.932	1.276E-09	16.685	3.337	5.759E-11	44.507	8.901	1.093E-09	36.450	7.290	6.004E-10	31.824	6.365	3.965E-10	49.564	9.913	1.510E-09
193				153.207	30.641	4.459E-08	40.171	8.034	8.037E-10	8.220	1.644	6.887E-12	51.258	10.252	1.670E-09	35											

Data: Flyover 2 - Span 9 (34.75 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08		
219				76.523	15.305	5.556E-09	42.098	8.420	9.251E-10	20.759	4.152	1.109E-10	47.715	9.543	1.347E-09	23.354	4.671	1.579E-10	13.533	2.707	3.073E-11	37.907	7.581	6.754E-10	12.520	2.504	2.433E-11
220				30.623	6.125	3.561E-10	-4.475	0.000	0.000E+00	22.108	4.422	1.340E-10	155.858	31.172	4.694E-08	57.948	11.590	2.413E-09	30.134	6.027	3.393E-10	39.134	7.827	7.431E-10	6.527	1.305	3.448E-12
221				47.401	9.480	1.321E-09	44.692	8.938	1.107E-09	37.866	7.573	6.732E-10	40.505	8.101	8.240E-10	8.340	1.668	7.194E-12	24.052	4.810	1.725E-10	26.006	5.201	2.181E-10	33.433	6.687	4.633E-10
222				41.946	8.389	9.151E-10	43.477	8.695	1.019E-09	34.117	6.823	4.924E-10	24.065	4.813	1.728E-10	24.584	4.917	1.842E-10	22.876	4.575	1.484E-10	39.912	7.982	7.883E-10	40.740	8.148	8.384E-10
223				32.087	6.417	4.096E-10	43.345	8.669	1.010E-09	36.700	7.340	6.129E-10	32.717	6.543	4.342E-10	10.211	2.042	1.320E-11	45.544	9.109	1.171E-09	37.842	7.568	6.719E-10	37.013	7.403	6.287E-10
224				25.739	5.148	2.114E-10	37.916	7.583	6.758E-10	40.586	8.117	8.289E-10	-20.700	0.000	0.000E+00	23.820	4.764	1.676E-10	38.369	7.674	7.004E-10	18.455	3.691	7.793E-11	17.325	3.465	6.448E-11
225				6.512	1.302	3.424E-12	30.442	6.088	3.498E-10	41.616	8.323	8.937E-10	20.375	4.075	1.049E-10	7.264	1.453	4.753E-12	18.924	3.785	8.404E-11	33.723	6.745	4.755E-10	51.557	10.311	1.699E-09
226				33.197	6.639	4.536E-10	28.512	5.702	2.874E-10	25.939	5.188	2.164E-10	41.325	8.265	8.751E-10	28.793	5.759	2.960E-10	16.264	3.253	5.334E-11	43.407	8.681	1.014E-09	75.920	15.184	5.426E-09
227				-3.457	0.000	0.000E+00	82.617	16.523	6.992E-09	37.215	7.443	6.390E-10	8.982	1.796	8.985E-12	35.478	7.096	5.537E-10	34.108	6.822	4.920E-10	10.494	2.099	1.433E-11	40.224	8.045	8.069E-10
228				31.284	6.257	3.796E-10	39.928	7.986	7.892E-10	169.154	33.831	6.001E-08	36.036	7.207	5.802E-10	15.252	3.050	4.399E-11	35.626	7.125	5.607E-10	19.435	3.887	9.102E-11	32.854	6.571	4.397E-10
229				48.561	9.712	1.420E-09	37.880	7.576	6.739E-10	43.434	8.687	1.016E-09	36.522	7.304	6.040E-10	36.456	7.291	6.008E-10	34.692	6.938	5.177E-10	152.441	30.488	4.392E-08	40.849	8.170	8.452E-10
230				46.807	9.361	1.272E-09	34.227	6.845	4.971E-10	37.733	7.547	6.661E-10	46.859	9.372	1.276E-09	7.936	1.587	6.198E-12	23.642	4.728	1.639E-10	30.439	6.088	3.497E-10	34.549	6.910	5.113E-10
231				29.605	5.921	3.217E-10	34.284	6.857	4.996E-10	30.993	6.199	3.691E-10	17.497	3.499	6.641E-11	27.298	5.460	2.522E-10	41.041	8.208	8.571E-10	6.985	1.397	4.225E-12	66.065	12.013	2.687E-09
232				164.941	32.988	5.564E-08	26.283	5.257	2.251E-10	11.996	2.399	2.140E-11	33.556	6.711	4.685E-10	40.282	8.056	8.105E-10	9.409	1.882	1.033E-11	11.909	2.382	2.094E-11	35.088	7.018	3.556E-10
233				70.340	14.068	4.315E-09	41.567	8.313	8.905E-10	34.828	6.966	5.238E-10	6.083	1.217	2.790E-12	16.379	3.276	5.449E-11	63.499	12.700	3.175E-09	34.085	6.817	4.910E-10	41.755	8.351	9.026E-10
234				37.476	7.495	6.526E-10	34.554	6.911	5.116E-10	41.473	8.295	8.845E-10	45.975	9.195	1.205E-09	28.400	5.680	2.840E-10	37.917	7.583	6.759E-10	11.083	2.217	1.688E-11	41.110	8.222	8.615E-10
235				-5.681	0.000	0.000E+00	41.455	8.291	8.833E-10	15.433	3.087	4.558E-11	7.616	1.523	5.476E-12	41.405	8.281	8.802E-10	47.660	9.532	1.342E-09	38.362	7.672	7.000E-10	32.952	6.590	4.437E-10
236				39.389	7.878	7.577E-10	34.324	6.865	5.014E-10	14.885	2.977	4.089E-11	38.577	7.715	7.118E-10	37.966	7.593	6.785E-10	31.924	6.385	4.034E-10	32.996	6.599	4.454E-10	46.083	9.217	1.213E-09
237				43.762	8.752	1.039E-09	35.632	7.126	5.609E-10	39.370	7.874	7.566E-10	43.636	8.727	1.030E-09	19.661	3.932	9.424E-11	41.239	8.248	8.696E-10	22.498	4.500	1.412E-10	47.040	9.408	1.291E-09
238				43.372	8.674	1.012E-09	30.745	6.149	3.603E-10	82.940	16.588	7.074E-09	44.518	8.904	1.094E-09	35.763	7.153	5.671E-10	72.240	14.448	4.674E-09	33.056	6.611	4.479E-10	21.570	4.314	1.244E-10
239				10.714	2.143	1.525E-11	6.631	1.326	3.615E-12	41.567	8.313	8.905E-10	37.685	7.537	6.636E-10	35.409	7.082	5.504E-10	36.302	7.260	5.932E-10	8.105	1.621	6.602E-12	25.265	5.053	2.000E-10
240				48.712	9.742	1.433E-09	30.385	6.077	3.478E-10	20.853	4.171	1.124E-10	31.187	6.237	3.761E-10	29.141	5.828	3.068E-10	45.018	9.004	1.131E-09	36.581	7.316	6.069E-10	33.261	6.652	4.562E-10
241				79.824	15.965	6.306E-09	-24.382	0.000	0.000E+00	45.310	9.062	1.153E-09	37.705	7.541	6.646E-10	37.331	7.466	6.451E-10	32.372	6.474	4.206E-10	44.037	8.807	1.059E-09	26.565	5.313	2.324E-10
242				27.504	5.501	2.580E-10	33.518	6.704	4.669E-10	47.994	9.599	1.371E-09	45.834	9.167	1.194E-09	44.262	8.852	1.075E-09	10.965	2.193	1.634E-11	34.891	6.978	5.266E-10	35.923	7.185	5.748E-10
243				48.762	9.752	1.438E-09	45.824	9.165	1.193E-09	34.769	6.954	5.212E-10	30.726	6.145	3.597E-10	38.332	7.666	6.983E-10	36.702	7.340	6.130E-10	32.480	6.496	4.249E-10	37.564	7.513	6.572E-10
244				40.705	8.141	8.363E-10	33.183	6.637	4.530E-10	51.779	10.356	1.721E-09	38.742	7.748	7.210E-10	33.586	6.717	4.697E-10	99.501	19.900	1.221E-08	39.387	7.877	7.576E-10	42.507	8.501	9.523E-10
245				45.063	9.013	1.135E-09	35.612	7.122	5.600E-10	25.122	5.024	1.966E-10	53.898	10.780	1.941E-09	41.978	8.396	9.172E-10	33.232	6.646	4.551E-10	34.499	6.900	5.091E-10	45.757	9.151	1.188E-09
246				38.174	7.635	6.898E-10	37.516	7.503	6.547E-10	13.251	2.650	2.885E-11	154.130	30.826	4.540E-08	37.204	7.441	6.385E-10	45.865	9.173	1.196E-09	50.559	10.112	1.602E-09	35.311	7.062	5.459E-10
247				150.942	30.188	4.264E-08	33.633	6.727	4.717E-10	163.039	32.608	5.374E-08	44.891	8.978	1.122E-09	46.693	9.339	1.262E-09	35.692	7.138	5.638E-10	15.885	3.177	4.470E-11	48.379	9.676	1.404E-09
248				39.712	7.942	7.765E-10	25.634	5.127	2.089E-10	44.333	8.867	1.080E-09	15.213	3.043	4.365E-11	34.014	6.803	4.879E-10	31.046	6.209	3.710E-10	41.547	8.309	8.892E-10	27.844	5.569	2.677E-10
249				48.441	9.688	1.409E-09	20.458	4.092	1.062E-10	41.593	8.319	8.922E-10	10.453	2.091	1.416E-11	32.222	6.444	4.148E-10	36.933	7.387	6.246E-10	35.737	7.147	5.659E-10	41.741	8.348	9.017E-10
250				13.236	2.647	2.875E-11	10.513	2.103	1.441E-11	6.668	1.334	3.675E-12	34.335	6.867	5.019E-10	43.082	8.616	9.915E-10	9.174	1.835	9.573E-12	13.130	2.2				

Data: Flyover 2 - Span 9 (34.75 m) - IG-01																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08		
276				29.736	5.947	3.260E-10	37.551	7.510	6.565E-10	31.299	6.260	3.802E-10	33.830	6.766	4.801E-10	39.747	7.949	7.786E-10	33.723	6.745	4.755E-10	28.502	5.700	2.871E-10	40.221	8.044	8.068E-10
277				32.103	6.421	4.102E-10	55.795	11.159	2.154E-09	35.527	7.105	5.560E-10	54.243	10.849	1.979E-09	23.987	4.797	1.711E-10	7.747	1.549	5.766E-12	44.471	8.894	1.090E-09	44.019	8.804	1.058E-09
278				38.653	7.731	7.160E-10	25.812	5.162	2.132E-10	45.112	9.022	1.138E-09	37.286	7.457	6.427E-10	35.405	7.081	5.503E-10	35.649	7.130	5.617E-10	51.851	10.370	1.729E-09	33.968	6.794	4.860E-10
279				45.278	9.056	1.151E-09	15.709	3.142	4.807E-11	35.483	7.097	5.539E-10	41.707	8.341	8.995E-10	41.183	8.237	8.660E-10	50.153	10.031	1.564E-09	37.620	7.524	6.602E-10	41.067	8.213	8.587E-10
280				10.303	2.061	1.356E-11	43.821	8.764	1.043E-09	50.736	10.147	1.619E-09	36.933	7.387	6.247E-10	35.892	7.178	5.733E-10	48.080	9.616	1.378E-09	42.874	8.575	9.772E-10	42.614	8.523	9.595E-10
281				17.327	3.465	6.449E-11	40.820	8.164	8.433E-10	29.777	5.955	3.274E-10	41.994	8.399	9.182E-10	38.176	7.635	6.899E-10	33.935	6.787	4.845E-10	40.687	8.137	8.351E-10	33.506	6.701	4.664E-10
282				16.985	3.397	6.076E-11	24.610	4.922	1.848E-10	34.609	6.922	5.140E-10	46.838	9.368	1.274E-09	44.340	8.868	1.081E-09	44.276	8.855	1.076E-09	32.310	6.462	4.182E-10	46.710	9.342	1.264E-09
283				127.513	25.503	2.571E-08	34.431	6.886	5.061E-10	41.546	8.309	8.892E-10	14.167	2.833	3.526E-11	37.305	7.461	6.437E-10	37.045	7.409	6.303E-10	61.859	12.372	2.935E-09	32.100	6.420	4.101E-10
284				38.516	7.703	7.085E-10	14.728	2.946	3.961E-11	10.518	2.104	1.443E-11	54.668	10.934	2.026E-09	36.140	7.228	5.853E-10	45.957	9.191	1.204E-09	34.429	6.886	5.060E-10	35.850	7.170	5.713E-10
285				72.418	14.484	4.709E-09	25.012	5.002	1.940E-10	35.108	7.022	5.366E-10	46.646	9.329	1.258E-09	46.259	9.252	1.227E-09	43.109	8.622	9.933E-10	52.069	10.414	1.750E-09	30.813	6.163	3.627E-10
286				20.948	4.190	1.140E-10	12.345	2.469	2.333E-11	34.658	6.932	5.162E-10	50.039	10.008	1.554E-09	35.888	7.178	5.731E-10	40.100	8.020	7.995E-10	49.264	9.853	1.482E-09	38.865	7.773	7.279E-10
287				48.542	9.708	1.418E-09	47.412	9.482	1.321E-09	55.717	11.143	2.145E-09	54.568	10.914	2.015E-09	42.009	8.402	9.192E-10	40.290	8.058	8.109E-10	38.625	7.725	7.145E-10	25.298	5.060	2.007E-10
288				19.472	3.894	9.155E-11	37.754	7.551	6.672E-10	34.447	6.889	5.068E-10	24.188	4.838	1.755E-10	34.675	6.935	5.169E-10	36.599	7.320	6.079E-10	34.951	6.990	5.294E-10	38.544	7.709	7.100E-10
289				49.278	9.856	1.484E-09	35.659	7.132	5.622E-10	6.497	1.299	3.400E-12	43.772	8.754	1.040E-09	47.485	9.497	1.328E-09	38.332	7.666	6.983E-10	48.222	9.644	1.390E-09	13.350	2.670	2.950E-11
290				16.321	3.264	5.390E-11	47.089	9.418	1.295E-09	26.158	5.232	2.219E-10	39.024	7.805	7.368E-10	31.788	6.358	3.983E-10	14.809	2.962	4.027E-11	43.388	8.678	1.013E-09	49.801	9.960	1.531E-09
291				163.097	32.619	5.379E-08	31.414	6.283	3.844E-10	45.510	9.102	1.169E-09	48.202	9.640	1.389E-09	42.436	8.487	9.475E-10	37.973	7.595	6.789E-10	10.078	2.016	1.269E-11	38.747	7.749	7.213E-10
292				48.034	9.607	1.374E-09	40.037	8.007	7.958E-10	37.307	7.461	6.438E-10	48.050	9.610	1.376E-09	51.321	10.264	1.676E-09	39.805	7.961	7.820E-10	8.838	1.768	8.560E-12	37.581	7.516	6.581E-10
293				22.097	4.419	1.338E-10	49.714	9.943	1.523E-09	40.817	8.163	8.432E-10	46.602	9.320	1.255E-09	25.370	5.074	2.025E-10	44.917	8.983	1.124E-09	18.055	3.611	7.297E-11	35.711	7.142	5.647E-10
294				37.373	7.475	6.472E-10	29.530	5.906	3.193E-10	49.307	8.861	1.486E-09	42.781	8.556	9.708E-10	15.833	3.167	4.922E-11	15.797	3.159	4.888E-11	61.242	12.248	2.848E-09	7.697	1.539	6.555E-12
295				43.645	8.729	1.031E-09	48.753	9.751	1.437E-09	48.238	9.648	1.392E-09	36.128	7.226	5.847E-10	55.322	11.064	2.099E-09	43.364	8.673	1.011E-09	41.991	8.398	9.180E-10	73.504	14.701	4.924E-09
296				33.074	6.615	4.486E-10	38.913	7.783	7.306E-10	40.455	8.091	8.209E-10	37.372	7.474	6.472E-10	52.936	10.587	1.839E-09	47.124	9.425	1.298E-09	42.025	8.405	9.203E-10	43.215	8.643	1.001E-09
297				194.205	38.841	9.082E-08	36.034	7.207	5.801E-10	36.489	7.298	6.024E-10	33.907	6.781	4.833E-10	46.347	9.269	1.234E-09	15.014	3.003	4.196E-11	44.551	8.910	1.096E-09	34.664	6.933	5.165E-10
298				33.424	6.685	4.630E-10	29.179	5.836	3.080E-10	37.244	7.449	6.406E-10	38.285	7.657	6.958E-10	45.990	9.198	1.206E-09	42.148	8.430	9.284E-10	43.704	8.741	1.035E-09	41.177	8.235	8.656E-10
299				24.837	4.967	1.900E-10	41.675	8.335	8.975E-10	5.052	1.010	1.599E-12	40.033	8.007	7.955E-10	11.408	2.282	1.841E-11	49.540	9.908	1.508E-09	44.607	8.921	1.101E-09	62.175	12.435	2.980E-09
300				35.203	7.041	5.409E-10	49.538	9.908	1.507E-09	56.866	11.373	2.280E-09	43.456	8.691	1.018E-09	51.594	10.319	1.703E-09	39.817	7.963	7.827E-10	51.631	10.326	1.707E-09	37.802	7.560	6.698E-10
301				39.505	7.901	7.644E-10	44.923	8.985	1.124E-09	51.366	10.273	1.680E-09	42.446	8.489	9.482E-10	33.027	6.605	4.467E-10	51.564	10.313	1.700E-09	29.582	5.916	3.210E-10	37.883	7.577	6.741E-10
302				39.839	7.968	7.840E-10	34.262	6.852	4.987E-10	49.502	9.900	1.504E-09	38.035	7.607	6.823E-10	41.517	8.303	8.873E-10	38.729	7.746	7.203E-10	42.690	8.538	9.646E-10	65.637	13.127	3.506E-09
303				45.537	9.107	1.171E-09	6.174	1.235	2.919E-12	40.778	8.156	8.408E-10	47.443	9.489	1.324E-09	38.882	7.776	7.289E-10	48.027	9.605	1.374E-09	39.128	7.826	7.428E-10	28.320	5.664	2.816E-10
304				39.466	7.893	7.622E-10	18.629	3.726	8.016E-11	48.149	9.630	1.384E-09	80.697	16.139	6.516E-09	50.861	10.172	1.631E-09	43.874	8.775	1.047E-09	45.899	9.180	1.199E-09	42.195	8.439	9.315E-10
305				41.561	8.312	8.901E-10	5.476	1.095	2.036E-12	-26.789	0.000	0.000E+00	43.028	8.606	9.877E-10	50.996	10.199	1.644E-09	60.209	12.042	2.706E-09	33.566	6.713	4.689E-10	45.404	9.081	1.161E-09
306				45.747	9.149	1.187E-09	32.798	6.560	4.375E-10	41.797	8.359	9.054E-10	37.842	7.568	6.719E-10	36.059	7.212	5.814E-10	11.989	2.398	2.137E-11	37.688	7.538	6.637E-10	54.833	10.967	2.044E-09
307				44.861	8.972	1.119E-09	17.032	3.406	6.126E-11	35.620	7.124	5.604E-10	40.159	8.032	8.030E-10	42.427	8.485	9.469E-10	8.671	1.734	8.0.						

Data: Flyover 2 - Span 9 (34.75 m) - IG-01																											
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08			
333			50.667	10.133	1.613E-09				39.775	7.955	7.802E-10	6.414	1.283	3.272E-12	45.553	9.111	1.172E-09	20.305	4.061	1.038E-10	32.063	6.413	4.087E-10	50.854	10.171	1.631E-09	
334			31.890	6.378	4.021E-10				41.311	8.262	8.742E-10	8.380	1.676	7.297E-12	46.273	9.255	1.229E-09	-3.667	0.000	0.000E+00	32.281	6.456	4.171E-10	4.057	0.811	8.281E-13	
335			37.640	7.528	6.612E-10				36.730	7.346	6.144E-10	41.613	8.323	8.934E-10	42.793	8.559	9.716E-10	35.247	7.049	5.430E-10	36.715	7.343	6.137E-10	32.348	6.470	4.197E-10	
336			40.336	8.067	8.137E-10				43.420	8.684	1.015E-09	42.280	8.456	9.372E-10	10.762	2.152	1.546E-11	46.745	9.349	1.266E-09	46.384	9.277	1.237E-09	33.331	6.666	4.591E-10	
337			29.843	5.969	3.295E-10				39.336	7.867	7.547E-10	36.651	7.330	6.105E-10	42.302	8.460	9.386E-10	45.871	9.174	1.197E-09	4.853	0.971	1.417E-12	38.336	7.687	7.041E-10	
338			53.270	10.654	1.874E-09				63.058	12.612	3.109E-09	33.786	6.757	4.782E-10	3.449	0.690	5.088E-13	37.242	7.448	6.404E-10	129.849	25.970	2.715E-08	29.079	5.816	3.049E-10	
339			28.720	5.744	2.937E-10				51.997	10.399	1.743E-09	5.864	1.173	2.500E-12	-5.719	0.000	0.000E+00	36.921	7.384	6.240E-10	15.817	3.163	4.906E-11	18.998	3.800	8.501E-11	
340			36.095	7.219	5.831E-10				5.000	1.000	1.550E-12	10.170	2.034	1.304E-11	6.132	1.226	2.858E-12	49.038	9.808	1.462E-09	31.922	6.384	4.033E-10	33.597	6.719	4.702E-10	
341			154.364	30.873	4.561E-08				7.080	1.416	4.401E-12	21.420	4.284	1.219E-10	33.792	6.758	4.784E-10	33.832	6.766	4.801E-10	34.328	6.866	5.016E-10	42.496	8.499	9.516E-10	
342			30.789	6.158	3.619E-10				12.062	2.412	2.176E-11	16.103	3.221	5.178E-11	94.338	18.868	1.041E-08	30.990	6.198	3.690E-10	36.112	7.222	5.839E-10	8.124	1.625	6.649E-12	
343			45.577	9.115	1.174E-09				34.051	6.810	4.895E-10	8.620	1.724	7.941E-12	46.977	9.395	1.285E-09	33.634	6.727	4.717E-10	42.381	8.476	9.438E-10	12.527	2.505	2.438E-11	
344			28.283	5.657	2.805E-10				42.415	8.483	9.461E-10	35.335	7.067	5.470E-10	44.800	8.960	1.115E-09	123.029	24.606	2.309E-08	29.623	5.925	3.223E-10	65.145	13.029	3.428E-09	
345			31.418	6.284	3.845E-10				38.046	7.609	6.828E-10	19.257	3.851	8.855E-11	20.366	4.073	1.047E-10	31.764	6.353	3.974E-10	45.841	9.168	1.194E-09	46.107	9.221	1.215E-09	
346			31.570	6.314	3.901E-10				45.938	9.188	1.202E-09	32.164	6.433	4.126E-10	19.149	3.830	8.706E-11	123.979	24.796	2.363E-08	35.536	7.107	5.564E-10	36.730	7.346	6.144E-10	
347			124.434	24.887	2.389E-08				46.372	9.274	1.236E-09	41.568	8.314	8.906E-10	27.474	5.495	2.571E-10	4.420	0.884	1.071E-12	15.658	3.132	4.760E-11	84.713	16.943	7.538E-09	
348			50.972	10.194	1.642E-09				5.549	1.110	2.118E-12	43.012	8.602	9.866E-10	6.875	1.375	4.030E-12	31.491	6.298	3.872E-10	53.559	10.712	1.905E-09	48.515	9.703	1.416E-09	
349			37.966	7.593	6.785E-10				44.984	8.997	1.129E-09	35.265	7.053	5.438E-10	39.184	7.837	7.459E-10	28.830	5.766	2.971E-10	38.140	7.628	6.879E-10	50.638	10.128	1.610E-09	
350			17.928	3.586	7.144E-11				15.575	3.115	4.685E-11	30.195	6.039	3.413E-10	-3.897	0.000	0.000E+00	40.962	8.192	8.522E-10	39.746	7.949	7.785E-10	24.699	4.940	1.868E-10	
351			40.224	8.045	8.070E-10				46.452	9.290	1.243E-09	42.869	8.574	9.768E-10	36.815	7.363	6.187E-10	17.515	3.503	6.662E-11	43.385	8.677	1.012E-09	28.857	5.771	2.979E-10	
352			6.331	1.266	3.146E-12				21.323	4.265	1.202E-10	31.516	6.303	3.881E-10	46.801	9.360	1.271E-09	51.978	10.396	1.741E-09	37.989	7.598	6.798E-10	35.988	7.198	5.779E-10	
353			10.757	2.151	1.543E-11				21.856	4.371	1.294E-10	44.675	8.935	1.106E-09	17.839	3.568	7.039E-11	31.534	6.307	3.888E-10	46.406	9.281	1.239E-09	18.265	3.653	7.555E-11	
354			37.962	7.592	6.783E-10				18.637	3.727	8.027E-11	5.217	1.043	1.761E-12	70.540	14.108	4.352E-09	11.673	2.335	1.972E-11	61.811	12.362	2.928E-09	43.567	8.713	1.025E-09	
355			41.448	8.290	8.829E-10				50.546	10.109	1.601E-09	33.246	6.649	4.556E-10	8.412	1.682	7.381E-12	9.156	1.831	9.516E-12	27.634	5.527	2.617E-10	21.558	4.312	1.242E-10	
356			5.803	1.161	2.424E-12				40.474	8.095	8.221E-10	30.183	6.037	3.409E-10	13.212	2.642	2.860E-11	12.996	2.599	2.722E-11	38.019	7.604	6.814E-10	48.117	9.623	1.381E-09	
357			37.004	7.401	6.283E-10				14.929	2.986	4.126E-11	32.344	6.469	4.195E-10	14.689	2.938	3.930E-11	30.565	6.113	3.540E-10	44.575	8.915	1.098E-09	16.057	3.211	5.133E-11	
358			46.896	9.379	1.279E-09				8.130	1.626	6.663E-12	28.529	5.706	2.879E-10	28.620	5.724	2.907E-10	35.373	7.075	5.488E-10	46.011	9.202	1.208E-09	3.865	0.773	7.159E-11	
359			25.033	5.007	1.945E-10				34.949	6.990	5.293E-10	30.853	6.171	3.642E-10	28.656	5.731	2.918E-10	49.814	9.963	1.533E-09	40.244	8.049	8.081E-10	12.640	2.528	2.504E-11	
360			32.360	6.472	4.202E-10				49.775	9.955	1.529E-09	30.355	6.071	3.468E-10	6.134	1.227	2.862E-12	35.155	7.031	5.387E-10	28.520	5.704	2.876E-10				
361			42.245	8.449	9.348E-10				5.193	1.039	1.736E-12	38.506	7.701	7.079E-10	31.347	6.269	3.819E-10	32.315	6.463	4.184E-10	3.770	0.754	6.644E-13				
362			49.721	9.944	1.524E-09				24.285	4.857	1.776E-10	25.846	5.169	2.141E-10	20.122	4.024	1.010E-10	28.852	5.770	2.978E-10	27.455	5.491	2.566E-10				
363			127.699	25.540	2.582E-08				29.406	5.881	3.153E-10	25.583	5.117	2.076E-10	45.305	9.061	1.153E-09	29.295	5.859	3.117E-10	13.472	2.694	3.032E-11				
364			13.538	2.708	3.077E-11				42.504	8.501	9.521E-10	17.908	3.582	7.120E-11	35.770	7.154	5.675E-10	37.223	7.445	6.395E-10	37.728	7.546	6.658E-10				
365			22.850	4.570	1.479E-10				41.428	8.286	8.816E-10	24.553	4.911	1.835E-10	31.101	6.220	3.730E-10	139.131	27.826	3.339E-08	44.561	8.912	1.097E-09				
366			28.630	5.726	2.910E-10				30.540	6.108	3.532E-10	34.838	6.968	5.243E-10	37.940	7.588	6.771E-10	38.200	7.640	6.912E-10	24.622	4.924	1.851E-10				
367			47.868	9.574	1.360E-09				37.661	7.532	6.623E-10	27.655	5.531	2.623E-10	25.228	5.046	1.991E-10	44.904	8.981	1.123E-09	38.130	7.626	6.873E-10				
368			32.618	6.524	4.303E-10				33.014	6.603	4.462E-10	29.998	6.000	3.347E-10	5.328	1.066	1.876E-12	43									

Data: Flyover 2 - Span 9 (34.75 m) - IG-01																										
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG08	200000	11.8097	SG08			SG08			SG08			SG08			SG08			SG08			SG08			SG08		
390															42.542	8.508	9.546E-10	8.061	1.612	6.495E-12						
391															4.433	0.887	1.080E-12	44.991	8.998	1.129E-09						
392															9.943	1.989	1.219E-11	29.848	5.970	3.297E-10						
393															43.140	8.628	9.955E-10	35.898	7.180	5.736E-10						
394																		80.137	16.027	6.381E-09						
395																		46.190	9.238	1.222E-09						
396																		17.450	3.490	6.589E-11						
397																		1.530	0.306	4.441E-14						
398																		14.627	2.925	3.880E-11						
399																		31.315	6.263	3.808E-10						
400																		75.067	15.013	5.245E-09						
401																		4.450	0.890	1.092E-12						
402																		32.421	6.484	4.225E-10						
403																		49.694	9.939	1.522E-09						
404																		5.258	1.052	1.802E-12						
405																		43.066	8.613	9.904E-10						

Flyover 2 - Span 9 (34.75 m) - IG-02
Daily Maximum Stress and Cumulative Damage

	Summary																										
	Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Day 8		Day 9										
	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage									
Max. Cum.	20.408 -	1.317E-08 5.757E-08	Max. Cum.	27.695 -	3.292E-08 4.766E-07	Max. Cum.	26.522 -	2.891E-08 1.873E-07	Max. Cum.	27.867 -	3.354E-08 4.938E-07	Max. Cum.	29.670 -	4.048E-08 3.571E-07	Max. Cum.	26.034 -	2.735E-08 2.736E-07	Max. Cum.	26.903 -	3.018E-08 2.010E-07	Max. Cum.	26.854 -	3.001E-08 1.999E-07	Max. Cum.	18.763 -	1.024E-08 1.401E-07	
Data: Flyover 2 - Span 9 (34.75 m) - IG-02																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
1	21.827	4.365	1.289E-10	60.120	12.024	2.694E-09	32.499	6.500	4.256E-10	15.546	3.109	4.659E-11	31.981	6.396	4.056E-10	45.012	9.002	1.131E-09	15.586	3.117	4.695E-11	35.415	7.083	5.507E-10	31.853	6.371	4.007E-10
2	8.012	1.602	6.377E-12	31.421	6.284	3.846E-10	37.266	7.453	6.417E-10	14.013	2.803	3.411E-11	38.847	7.769	7.269E-10	11.327	2.265	1.802E-11	9.832	1.966	1.178E-11	41.467	8.293	8.841E-10	15.932	3.186	5.014E-11
3	29.135	5.827	3.066E-10	15.350	3.070	4.484E-11	23.210	4.642	1.550E-10	35.485	7.097	5.540E-10	28.490	5.698	2.867E-10	29.003	5.801	3.025E-10	59.493	11.899	2.611E-09	35.778	7.156	5.679E-10	8.003	1.601	6.357E-12
4	22.897	4.579	1.488E-10	31.206	6.241	3.768E-10	14.225	2.845	3.569E-11	19.704	3.941	9.485E-11	31.724	6.345	3.959E-10	33.936	6.787	4.846E-10	36.197	7.239	5.881E-10	57.910	11.582	2.408E-09	63.151	12.630	3.123E-09
5	25.333	5.067	2.016E-10	31.760	6.352	3.972E-10	29.726	5.945	3.257E-10	61.291	12.258	2.855E-09	45.785	9.157	1.190E-09	18.391	3.678	7.713E-11	14.759	2.952	3.986E-11	56.044	11.209	2.183E-09	38.359	7.672	6.998E-10
6	10.772	2.154	1.550E-11	25.807	5.161	2.131E-10	38.158	7.632	6.889E-10	35.746	7.149	5.663E-10	47.791	9.558	1.353E-09	20.610	4.122	1.085E-10	9.007	1.801	9.060E-12	38.983	7.797	7.345E-10	34.353	6.871	5.027E-10
7	27.397	5.479	2.550E-10	61.235	12.247	2.847E-09	17.635	3.527	6.800E-11	16.144	3.229	5.217E-11	59.249	11.850	2.579E-09	34.630	6.926	5.149E-10	26.744	5.349	2.372E-10	36.473	7.295	6.016E-10	35.330	7.066	5.468E-10
8	41.238	8.248	8.695E-10	53.295	10.659	1.877E-09	26.497	5.299	2.307E-10	20.070	4.014	1.002E-10	42.368	8.474	9.430E-10	28.599	5.720	2.900E-10	10.712	2.142	1.524E-11	18.559	3.712	7.927E-11	38.023	7.605	6.816E-10
9	24.789	4.958	1.889E-10	24.476	4.895	1.818E-10	78.978	15.796	6.108E-09	41.171	8.234	8.653E-10	19.869	3.974	9.726E-11	22.746	4.549	1.459E-10	15.687	3.137	4.786E-11	28.415	5.683	2.845E-10	62.650	12.530	3.049E-09
10	33.124	6.625	4.506E-10	41.702	8.340	8.992E-10	36.963	7.393	6.262E-10	37.815	7.563	6.705E-10	19.501	3.900	9.195E-11	21.382	4.276	1.212E-10	18.383	3.677	7.703E-11	18.675	3.735	8.076E-11	18.406	3.681	7.731E-11
11	25.859	5.172	2.144E-10	20.194	4.039	1.021E-10	21.943	4.389	1.310E-10	26.628	5.326	2.341E-10	95.318	19.064	1.074E-08	34.113	6.823	4.922E-10	26.888	5.378	2.410E-10	23.687	4.737	1.648E-10	22.178	4.436	1.353E-10
12	29.532	5.906	3.193E-10	23.095	4.619	1.527E-10	22.254	4.451	1.366E-10	18.969	3.794	8.463E-11	12.590	2.518	2.474E-11	54.892	10.978	2.051E-09	10.200	2.040	1.316E-11	23.176	4.635	1.543E-10	19.887	3.977	9.752E-11
13	29.487	5.897	3.179E-10	10.946	2.189	1.626E-11	11.466	2.293	1.869E-11	31.377	6.275	3.830E-10	36.266	7.253	5.914E-10	15.316	3.063	4.455E-11	20.245	4.049	1.029E-10	90.327	18.065	9.138E-09	13.150	2.630	2.819E-11
14	29.200	5.840	3.087E-10	17.130	3.426	6.232E-11	6.860	1.372	4.002E-12	33.317	6.663	4.585E-10	25.389	5.078	2.029E-10	33.605	7.121	5.597E-10	34.724	6.945	5.191E-10	12.845	2.569	2.628E-11	27.850	5.570	2.678E-10
15	39.787	7.957	7.809E-10	37.721	7.544	6.655E-10	28.239	5.648	2.792E-10	22.914	4.583	1.492E-10	7.261	1.452	4.747E-12	28.057	5.611	2.738E-10	13.045	2.609	2.753E-11	25.001	5.000	1.938E-10	29.405	5.881	3.152E-10
16	15.736	3.147	4.832E-11	23.457	4.691	1.600E-10	25.450	5.090	2.044E-10	32.955	6.591	4.437E-10	37.188	7.438	6.377E-10	6.105	1.221	2.821E-12	37.139	7.428	6.352E-10	29.416	5.883	3.156E-10	13.597	2.719	3.117E-11
17	45.213	9.043	1.146E-09	28.791	5.758	2.959E-10	12.271	2.454	2.291E-11	16.018	3.204	5.096E-11	12.261	2.452	2.285E-11	11.339	2.268	1.808E-11	12.552	2.510	2.452E-11	15.022	3.004	4.203E-11	12.829	2.566	2.618E-11
18	33.104	6.621	4.498E-10	76.784	15.357	5.613E-09	30.352	6.070	3.467E-10	33.154	6.631	4.519E-10	30.387	6.077	3.479E-10	38.294	7.659	6.963E-10	30.060	6.012	3.368E-10	36.793	7.359	6.176E-10	33.465	6.693	4.647E-10
19	12.298	2.460	2.306E-11	23.039	4.608	1.516E-10	29.480	5.896	3.177E-10	11.221	2.244	1.752E-11	25.606	5.121	2.082E-10	23.538	4.708	1.617E-10	27.918	5.584	2.698E-10	34.137	6.827	4.933E-10	12.971	2.594	2.706E-11
20	31.925	6.385	4.034E-10	18.669	3.734	8.068E-11	23.782	4.756	1.668E-10	31.766	6.353	3.975E-10	29.812	5.962	3.285E-10	34.354	6.871	5.027E-10	12.119	2.424	2.207E-11	7.148	1.430	4.529E-12	27.460	5.492	2.567E-10
21	37.589	7.518	6.585E-10	12.910	2.582	2.668E-11	27.044	5.409	2.452E-10	17.966	3.593	7.190E-11	34.469	6.894	5.078E-10	6.476	1.295	3.368E-12	15.947	3.189	5.028E-11	37.969	7.594	6.787E-10	31.145	6.229	3.746E-10
22	9.703	1.941	1.133E-11	29.386	5.877	3.147E-10	28.975	5.795	3.016E-10	26.421	5.284	2.287E-10	26.203	5.241	2.231E-10	25.712	5.142	2.108E-10	31.663	6.333	3.936E-10	27.969	5.594	2.713E-10	39.250	7.850	7.497E-10
23	34.150	6.830	4.938E-10	37.602	7.520	6.592E-10	22.736	4.547	1.457E-10	35.139	7.028	5.380E-10	24.444	4.889	1.811E-10	54.121	10.824	1.966E-09	22.737	4.547	1.457E-10	23.590	4.718	1.628E-10	29.311	5.862	3.122E-10
24	8.091	1.618	6.568E-12	13.409	2.682	2.990E-11	34.090	6.818	4.912E-10	52.188	10.438	1.762E-09	33.021	6.604	4.464E-10	34.963	6.993	5.299E-10	16.875	3.375	5.958E-11	25.375	5.075	2.026E-10	22.620	4.524	1.435E-10
25	40.528	8.106	8.254E-10	6.991	1.398	4.236E-12	30.144	6.029	3.396E-10	21.218	4.244	1.184E-10	33.583	6.717	4.696E-10	23.779	4.756	1.667E-10	36.268	7.254	5.915E-10	36.878	7.376	6.218E-10	24.389	4.878	1.799E-10
26	7.748	1.550	5.768E-12	29.254	5.851	3.104E-10	22.158	4.432	1.349E-10	30.493	6.099	3.516E-10	24.646	4.929	1.856E-10	34.381	6.876	5.039E-10	29.889	5.978	3.311E-10	32.509	6.502	4.260E-10	93.813	18.763	1.024E-08
27	28.502	5.700	2.871E-10	33.628	6.726	4.715E-10	31.396	6.279	3.837E-10	29.893	5.979	3.312E-10	37.251	7.450	6.409E-10	20.060	4.012	1.001E-10	35.079	7.016	5.352E-10	14.690	2.938	3.931E-11	36.296	7.259	5.929E-10
28	34.578	6.916	5.126E-10	22.665	4.533	1.444E-10	23.493	4.699	1.608E-10	6.840	1.368	3.969E-12	21.944	4.389	1.310E-10	27.252	5.450	2.509E-10	15.804	3.161	4.894E-11	24.363	4.873	1.793E-10	15.931	3.186	5.014E-11
29	33.481	6.696	4.654E-10	34.904	6.981	5.272E-10	29.398	5.880	3.150E-10	38.477	7.695	7.063E-10	24.976	4.995	1.932E-10	34.125	6.825	4.927E-10	29.711	5.942	3.252E-10	32.129	6.426	4.112E-10	34.675	6.935	5.170E-10
30	38.654	7.731	7.161E-10	34.695	6.939	5.178E-10	33.996	6.799	4.872E-10	29.413	5.883	3.155E-10	29.094	5.819	3.054E-10	24.784	4.957	1.88									

Data: Flyover 2 - Span 9 (34.75 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
48	15.634	3.127	4.738E-11	24.867	4.973	1.907E-10	26.454	5.291	2.295E-10	23.725	4.745	1.656E-10	19.746	3.949	9.546E-11	24.044	4.809	1.724E-10	30.133	6.027	3.392E-10	29.933	5.987	3.325E-10	34.250	6.850	4.981E-10
49	32.464	6.493	4.242E-10	24.398	4.880	1.801E-10	34.957	6.991	5.297E-10	23.215	4.643	1.551E-10	25.570	5.114	2.073E-10	25.408	5.082	2.034E-10	37.868	7.574	6.733E-10	24.601	4.920	1.846E-10	27.508	5.502	2.581E-10
50	29.921	5.984	3.321E-10	33.956	6.791	4.854E-10	25.128	5.026	1.967E-10	25.926	5.185	2.161E-10	27.668	5.534	2.626E-10	36.638	7.328	6.098E-10	22.359	4.472	1.386E-10	26.261	5.252	2.245E-10	10.329	2.066	1.366E-11
51	25.209	5.042	1.986E-10	22.407	4.481	1.395E-10	27.806	5.561	2.666E-10	32.413	6.483	4.222E-10	26.627	5.325	2.341E-10	28.208	5.642	2.783E-10	31.981	6.396	4.056E-10	36.264	7.253	5.913E-10	30.735	6.147	3.600E-10
52	28.946	5.789	3.007E-10	34.405	6.881	5.050E-10	34.549	6.910	5.113E-10	24.816	4.963	1.895E-10	31.336	6.267	3.815E-10	29.642	5.928	3.229E-10	28.063	5.613	2.740E-10	24.590	4.918	1.844E-10	25.941	5.188	2.165E-10
53	31.462	6.292	3.861E-10	13.471	2.694	3.031E-11	28.343	5.669	2.823E-10	26.453	5.291	2.295E-10	40.957	8.191	8.518E-10	24.028	4.806	1.720E-10	9.909	1.982	1.206E-11	34.723	6.945	5.191E-10	25.739	5.148	2.114E-10
54	9.104	1.821	9.356E-12	30.237	6.047	3.428E-10	30.423	6.085	3.492E-10	26.512	5.302	2.311E-10	42.576	8.515	9.570E-10	33.630	6.726	4.716E-10	24.960	4.992	1.928E-10	25.441	5.088	2.042E-10	23.187	4.637	1.546E-10
55	15.515	3.103	4.630E-11	28.893	5.779	2.991E-10	25.716	5.143	2.109E-10	38.559	7.712	7.108E-10	26.728	5.346	2.368E-10	9.099	1.820	9.340E-12	28.016	5.603	2.727E-10	26.896	5.379	2.413E-10	39.175	7.835	7.455E-10
56	28.722	5.744	2.938E-10	33.666	6.733	4.731E-10	16.840	3.368	5.921E-11	27.169	5.434	2.487E-10	37.119	7.424	6.341E-10	12.847	2.569	2.629E-11	25.432	5.086	2.040E-10	8.444	1.689	7.465E-12	26.283	5.257	2.251E-10
57	12.488	2.498	2.415E-11	30.704	6.141	3.589E-10	30.024	6.005	3.356E-10	19.003	3.801	8.509E-11	31.237	6.247	3.779E-10	14.577	2.915	3.841E-11	22.676	4.535	1.446E-10	29.575	5.915	3.207E-10	36.182	7.236	5.873E-10
58	42.743	8.549	9.682E-10	25.410	5.082	2.034E-10	21.687	4.337	1.265E-10	32.662	6.532	4.320E-10	29.873	5.975	3.305E-10	25.938	5.188	2.164E-10	31.769	6.354	3.976E-10	27.378	5.476	2.544E-10	24.738	4.948	1.877E-10
59	28.611	5.722	2.904E-10	26.275	5.255	2.249E-10	23.778	4.756	1.667E-10	26.225	5.245	2.236E-10	29.980	5.996	3.341E-10	27.633	5.527	2.616E-10	37.085	7.417	6.324E-10	23.622	4.724	1.634E-10	23.855	4.771	1.683E-10
60	28.872	5.774	2.984E-10	15.447	3.089	4.570E-11	21.853	4.371	1.294E-10	35.111	7.022	5.367E-10	12.616	2.523	2.489E-11	22.762	4.552	1.462E-10	37.327	7.465	6.449E-10	35.037	7.007	5.333E-10	30.113	6.023	3.386E-10
61	36.708	7.342	6.133E-10	23.593	4.719	1.628E-10	34.740	6.948	5.198E-10	38.487	7.697	7.068E-10	39.516	7.903	7.651E-10	31.142	6.228	3.745E-10	26.233	5.247	2.238E-10	22.694	4.539	1.449E-10	21.296	4.259	1.198E-10
62	27.748	5.550	2.649E-10	37.370	7.474	6.471E-10	29.978	5.996	3.340E-10	29.487	5.897	3.179E-10	25.049	5.010	1.949E-10	20.395	4.079	1.052E-10	25.972	5.194	2.172E-10	23.636	4.727	1.637E-10	26.411	5.282	2.284E-10
63	25.261	5.052	1.999E-10	30.275	6.055	3.441E-10	23.566	4.713	1.623E-10	33.718	6.744	4.753E-10	26.021	5.204	2.185E-10	34.346	6.869	5.024E-10	26.620	5.324	2.339E-10	31.932	6.386	4.037E-10	31.648	6.330	3.930E-10
64	36.550	7.310	6.054E-10	27.525	5.505	2.586E-10	22.820	4.564	1.474E-10	-4.507	0.000	0.000E+00	34.993	6.999	5.313E-10	31.141	6.228	3.745E-10	25.511	5.102	2.059E-10	25.051	5.010	1.949E-10	36.577	7.315	6.067E-10
65	33.067	6.613	4.483E-10	23.910	4.782	1.695E-10	31.179	6.236	3.758E-10	21.809	4.362	1.286E-10	25.889	5.178	2.151E-10	43.359	8.672	1.011E-09	37.549	7.510	6.564E-10	25.709	5.142	2.107E-10	27.920	5.584	2.698E-10
66	26.211	5.242	2.233E-10	21.886	4.377	1.300E-10	24.510	4.902	1.826E-10	31.971	6.394	4.052E-10	29.043	5.809	3.038E-10	25.429	5.086	2.039E-10	31.827	6.365	3.997E-10	34.244	6.849	4.979E-10	25.341	5.068	2.018E-10
67	37.025	7.405	6.293E-10	21.174	4.235	1.177E-10	26.075	5.215	2.198E-10	22.293	4.459	1.374E-10	27.815	5.563	2.668E-10	32.510	6.502	4.260E-10	25.931	5.186	2.162E-10	19.449	3.890	9.122E-11	30.029	6.006	3.357E-10
68	34.235	6.847	4.975E-10	26.449	5.290	2.294E-10	35.443	7.089	5.520E-10	28.971	5.794	3.015E-10	39.747	7.949	7.786E-10	19.302	3.860	8.916E-11	27.600	5.520	2.607E-10	26.756	5.351	2.375E-10	37.606	7.521	6.594E-10
69	30.490	6.098	3.514E-10	24.090	4.818	1.733E-10	23.733	4.747	1.658E-10	38.137	7.627	6.877E-10	36.896	7.379	6.228E-10	36.630	7.326	6.094E-10	19.999	4.000	9.918E-11	34.964	6.993	5.300E-10	26.407	5.281	2.283E-10
70	8.647	1.729	8.015E-12	16.769	3.354	5.846E-11	30.694	6.139	3.585E-10	27.127	5.425	2.475E-10	32.240	6.448	4.155E-10	41.013	8.203	8.554E-10	36.841	7.368	6.200E-10	10.944	2.189	1.625E-11	35.850	7.170	5.713E-10
71	25.981	5.196	2.175E-10	37.069	7.414	6.316E-10	25.669	5.134	2.097E-10	44.486	8.897	1.092E-09	24.390	4.878	1.799E-10	26.172	5.234	2.223E-10	24.248	4.850	1.768E-10	28.754	5.751	2.948E-10	24.474	4.895	1.818E-10
72	42.837	8.567	9.747E-10	23.808	4.762	1.673E-10	21.321	4.264	1.202E-10	28.556	5.711	2.887E-10	17.786	3.557	6.977E-11	30.517	6.103	3.524E-10	8.253	1.651	6.971E-12	10.998	2.200	1.649E-11	17.845	3.569	7.046E-11
73	14.704	2.941	3.942E-11	28.225	5.645	2.788E-10	28.471	5.694	2.862E-10	40.603	8.121	8.300E-10	31.461	6.292	3.861E-10	9.122	1.824	9.412E-12	32.811	6.562	4.380E-10	17.655	3.531	6.823E-11	21.196	4.239	1.181E-10
74	35.868	7.174	5.722E-10	10.287	2.057	1.350E-11	28.468	5.694	2.861E-10	39.190	7.838	7.463E-10	8.963	1.793	8.928E-12	34.414	6.883	5.053E-10	27.699	5.540	2.635E-10	20.330	4.066	1.042E-10	37.450	7.490	6.513E-10
75	21.483	4.297	1.229E-10	25.209	5.042	1.986E-10	26.280	5.256	2.251E-10	15.929	3.186	5.012E-11	29.490	5.898	3.180E-10	37.619	7.524	6.601E-10	35.250	7.050	5.431E-10	15.304	3.061	4.444E-11	27.834	5.567	2.674E-10
76	23.010	4.602	1.511E-10	38.754	7.751	7.217E-10	23.526	4.705	1.615E-10	33.300	6.660	4.578E-10	30.382	6.076	3.477E-10	19.437	3.887	9.106E-11	32.169	6.434	4.128E-10	18.103	3.621	7.355E-11	14.957	2.991	4.149E-11
77	30.026	6.005	3.357E-10	22.327	4.465	1.380E-10	38.277	7.655	6.954E-10	36.294	7.259	5.928E-10	35.741	7.148	5.661E-10	26.814	5.363	2.391E-10	30.422	6.084							

Data: Flyover 2 - Span 9 (34.75 m) - IG-02																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
105	33.461	6.692	4.645E-10	25.301	5.060	2.008E-10	28.146	5.629	2.765E-10	25.767	5.153	2.121E-10	34.967	6.993	5.301E-10	31.995	6.399	4.061E-10	30.099	6.020	3.381E-10	27.785	5.557	2.660E-10	26.312	5.262	2.259E-10
106	16.468	3.294	5.537E-11	25.976	5.195	2.173E-10	23.606	4.721	1.631E-10	10.799	2.160	1.561E-11	31.408	6.282	3.842E-10	31.409	6.289	3.842E-10	5.979	1.196	2.650E-12	11.618	2.324	1.944E-11	13.189	2.638	2.844E-11
107	31.927	6.385	4.035E-10	23.931	4.786	1.699E-10	36.487	7.297	6.023E-10	29.639	5.928	3.228E-10	8.574	1.715	7.814E-12	21.883	4.377	1.299E-10	28.485	5.697	2.866E-10	7.651	1.530	5.552E-12	23.074	4.615	1.523E-10
108	26.978	5.396	2.434E-10	71.400	14.280	4.513E-09	29.691	5.938	3.245E-10	27.870	5.574	2.684E-10	34.311	6.862	5.008E-10	28.822	5.764	2.969E-10	15.812	3.162	4.902E-11	26.660	5.332	2.350E-10	34.920	6.984	5.280E-10
109				30.365	6.073	3.471E-10	24.952	4.990	1.926E-10	17.449	3.490	6.588E-11	12.831	2.566	2.619E-11	18.278	3.656	7.572E-11	25.890	5.178	2.152E-10	24.336	4.867	1.787E-10	27.995	5.599	2.720E-10
110				26.464	5.293	2.298E-10	24.253	4.851	1.769E-10	26.262	5.252	2.246E-10	20.767	4.153	1.110E-10	23.643	4.729	1.639E-10	25.554	5.111	2.069E-10	9.389	1.878	1.026E-11	31.960	6.392	4.048E-10
111				68.259	13.652	3.943E-09	31.387	6.277	3.834E-10	7.454	1.491	5.135E-12	42.308	8.462	9.390E-10	28.020	5.604	2.728E-10	27.991	5.598	2.719E-10	25.627	5.125	2.087E-10	19.840	3.968	9.683E-11
112				16.515	3.303	5.585E-11	31.049	6.210	3.711E-10	25.526	5.105	2.062E-10	26.230	5.246	2.238E-10	26.192	5.238	2.228E-10	19.955	3.991	9.853E-11	32.265	6.453	4.165E-10	22.954	4.591	1.500E-10
113				33.896	6.779	4.829E-10	17.092	3.418	6.191E-11	30.369	6.074	3.473E-10	23.264	4.653	1.561E-10	10.645	2.129	1.496E-11	23.381	4.676	1.585E-10	24.747	4.949	1.879E-10	31.157	6.231	3.750E-10
114				22.512	4.502	1.415E-10	26.538	5.308	2.317E-10	32.833	6.567	4.389E-10	16.338	3.268	5.408E-11	33.534	6.707	4.676E-10	24.892	4.978	1.912E-10	8.852	1.770	8.600E-12	14.568	2.914	3.834E-11
115				32.086	6.417	4.096E-10	31.731	6.346	3.961E-10	38.708	7.742	7.191E-10	28.283	5.657	2.805E-10	17.877	3.575	7.084E-11	33.812	6.762	4.793E-10	22.990	4.598	1.507E-10	78.979	15.796	6.108E-09
116				24.669	4.934	1.861E-10	34.596	6.919	5.134E-10	27.774	5.555	2.656E-10	24.693	4.939	1.867E-10	23.131	4.626	1.535E-10	31.526	6.305	3.885E-10	11.604	2.321	1.938E-11	23.020	4.604	1.512E-10
117				25.043	5.009	1.947E-10	29.768	5.954	3.271E-10	10.926	2.185	1.617E-11	29.865	5.973	3.303E-10	22.187	4.437	1.354E-10	21.504	4.301	1.233E-10	32.130	6.426	4.113E-10	32.279	6.456	4.170E-10
118				35.398	7.080	5.500E-10	23.774	4.755	1.666E-10	30.537	6.107	3.531E-10	26.092	5.218	2.203E-10	10.997	2.199	1.649E-11	25.520	5.104	2.061E-10	22.330	4.466	1.381E-10	24.735	4.947	1.876E-10
119				30.739	6.148	3.601E-10	26.087	5.217	2.201E-10	30.524	6.105	3.526E-10	16.795	3.359	5.874E-11	18.979	3.796	8.476E-11	24.531	4.906	1.830E-10	30.632	6.126	3.564E-10	19.021	3.804	8.533E-11
120				27.989	5.598	2.719E-10	71.462	14.292	4.525E-09	54.902	10.980	2.052E-09	126.173	25.235	2.491E-08	70.340	14.068	4.315E-09	31.040	6.208	3.708E-10	14.731	2.946	3.963E-11	23.535	4.707	1.616E-10
121				24.664	4.933	1.860E-10	40.512	8.102	8.244E-10	27.017	5.403	2.445E-10	24.155	4.831	1.748E-10	33.071	6.614	4.485E-10	25.043	5.009	1.947E-10	25.834	5.167	2.138E-10	25.851	5.170	2.142E-10
122				18.010	3.602	7.243E-11	24.936	4.987	1.923E-10	24.965	4.993	1.929E-10	28.719	5.744	2.937E-10	24.793	4.959	1.890E-10	10.552	2.110	1.457E-11	33.906	6.781	4.833E-10	34.731	6.946	5.194E-10
123				25.645	5.129	2.091E-10	14.230	2.846	3.573E-11	44.206	8.841	1.071E-09	77.017	15.403	5.664E-09	26.220	5.244	2.235E-10	31.733	6.347	3.962E-10	29.676	5.935	3.240E-10	29.332	5.866	3.129E-10
124				12.864	2.573	2.639E-11	38.152	7.630	6.886E-10	27.972	5.594	2.714E-10	18.419	3.684	7.748E-11	23.281	4.656	1.565E-10	22.746	4.549	1.459E-10	29.440	5.888	3.164E-10	31.904	6.381	4.027E-10
125				25.965	5.193	2.171E-10	26.583	5.317	2.329E-10	73.615	14.723	4.946E-09	60.206	12.041	2.706E-09	29.018	5.804	3.030E-10	33.860	6.772	4.814E-10	7.742	1.548	5.753E-12	26.503	5.301	2.308E-10
126				123.949	24.790	2.361E-08	37.007	7.401	6.284E-10	25.557	5.111	2.070E-10	25.602	5.120	2.081E-10	27.543	5.509	2.591E-10	7.917	1.583	6.153E-12	29.977	5.995	3.340E-10	22.083	4.417	1.335E-10
127				21.911	4.382	1.304E-10	26.447	5.289	2.294E-10	23.917	4.783	1.696E-10	23.108	4.622	1.530E-10	28.646	5.729	2.914E-10	8.017	1.603	6.388E-12	28.180	5.636	2.775E-10	26.316	5.263	2.260E-10
128				58.244	11.649	2.450E-09	28.060	5.612	2.739E-10	26.660	5.332	2.305E-10	24.184	4.837	1.754E-10	26.330	5.266	2.263E-10	27.978	5.596	2.715E-10	11.184	2.237	1.735E-11	23.482	4.696	1.605E-10
129				39.629	7.926	7.717E-10	54.779	10.956	2.038E-09	130.236	26.047	2.739E-08	109.471	21.894	1.627E-08	22.903	4.581	1.490E-10	30.361	6.072	3.470E-10	12.218	2.444	2.262E-11	30.272	6.054	3.440E-10
130				28.913	5.783	2.997E-10	8.198	1.640	6.830E-12	29.555	5.911	3.201E-10	29.761	5.952	3.268E-10	88.171	17.634	8.499E-09	23.757	4.751	1.662E-10	21.995	4.399	1.319E-10	18.171	3.634	7.439E-11
131				25.308	5.062	2.010E-10	34.859	6.972	5.252E-10	29.328	5.866	3.128E-10	59.388	11.878	2.597E-09	32.859	6.572	4.399E-10	28.904	5.781	2.994E-10	24.823	4.965	1.897E-10	24.013	4.803	1.717E-10
132				17.344	3.469	6.469E-11	23.254	4.651	1.559E-10	32.878	6.576	4.407E-10	38.938	7.788	7.320E-10	22.715	4.543	1.453E-10	32.573	6.515	4.285E-10	31.527	6.305	3.885E-10	36.651	7.330	6.104E-10
133				30.732	6.146	3.599E-10	27.943	5.589	2.705E-10	23.900	4.780	1.693E-10	25.851	5.170	2.142E-10	24.897	4.979	1.913E-10	27.733	5.547	2.645E-10	33.174	6.635	4.527E-10	28.833	5.767	2.972E-10
134				13.536	2.707	3.075E-11	30.565	6.113	3.540E-10	13.029	2.606	2.743E-11	24.626	4.925	1.852E-10	31.710	6.342	3.954E-10	62.744	12.549	3.063E-09	34.940	6.988	5.289E-10	31.875	6.375	4.016E-10
135				38.687	7.737	7.179E-10	31.607	6.321	3.915E-10	28.701	5.740	2.931E-10	30.151	6.030	3.399E-10	21.564	4.313	1.243E-10	3.685	0.737	6.203E-13	32.454	6.491	4.238E-10	26.815	5.363	2.391E-10
136				13.749	2.750	3.223E-11	33.967	6.793	4.859E-10	28.520	5.704	2.876E-10	25.277	5.055	2.002E-10	27.695	5.539	2.634E-10	19.281	3.856	8						

Data: Flyover 2 - Span 9 (34.75 m) - IG-02																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
162				24.046	4.809	1.724E-10	32.483	6.497	4.250E-10	25.699	5.140	2.104E-10	17.113	3.423	6.214E-11	21.577	4.315	1.246E-10	8.853	1.771	8.602E-12	34.899	6.980	5.270E-10	39.853	7.971	7.848E-10
163				30.064	6.013	3.369E-10	26.907	5.381	2.416E-10	32.226	6.445	4.150E-10	38.260	7.652	6.944E-10	37.802	7.560	6.698E-10	30.495	6.099	3.516E-10	33.279	6.656	4.570E-10	34.454	6.891	5.071E-10
164				12.854	2.571	2.633E-11	18.569	3.714	7.939E-11	123.281	24.656	2.323E-08	26.177	5.235	2.224E-10	26.158	5.232	2.219E-10	6.737	1.347	3.791E-12	34.025	6.805	4.884E-10	14.673	2.935	3.917E-11
165				9.654	1.931	1.116E-11	24.198	4.840	1.757E-10	35.889	7.178	5.731E-10	37.519	7.504	6.548E-10	18.947	3.789	8.434E-11	25.086	5.017	1.957E-10	17.054	3.411	6.150E-11	9.389	1.878	1.026E-11
166				29.255	5.851	3.104E-10	24.975	4.995	1.932E-10	30.976	6.195	3.685E-10	36.846	7.369	6.202E-10	21.926	4.385	1.307E-10	23.022	4.604	1.513E-10	26.238	5.248	2.240E-10	24.352	4.870	1.791E-10
167				22.298	4.460	1.375E-10	24.052	4.810	1.725E-10	21.355	4.271	1.207E-10	34.229	6.846	4.973E-10	32.870	6.574	4.403E-10	33.705	6.741	4.747E-10	12.926	2.585	2.678E-11	28.284	5.657	2.805E-10
168				60.440	12.088	2.738E-09	32.679	6.536	4.327E-10	26.586	5.317	2.330E-10	9.285	1.857	9.925E-12	26.496	5.299	2.306E-10	26.638	5.328	2.344E-10	22.878	4.576	1.485E-10	37.732	7.546	6.661E-10
169				117.703	23.541	2.022E-08	25.990	5.198	2.177E-10	27.424	5.485	2.557E-10	22.172	4.434	1.351E-10	17.071	3.414	6.169E-11	8.882	1.776	8.688E-12	32.002	6.400	4.064E-10	14.977	2.995	4.165E-11
170				39.635	7.927	7.720E-10	25.282	5.056	2.004E-10	31.020	6.204	3.701E-10	26.685	5.337	2.356E-10	20.992	4.198	1.147E-10	12.536	2.507	2.443E-11	36.069	7.214	5.818E-10	20.539	4.108	1.074E-10
171				9.178	1.836	9.587E-12	10.478	2.096	1.426E-11	27.931	5.586	2.702E-10	19.534	3.907	9.242E-11	37.321	7.464	6.445E-10	134.514	26.903	3.018E-08	17.704	3.541	6.880E-11	8.108	1.622	6.610E-12
172				23.706	4.741	1.652E-10	118.455	23.691	2.061E-08	58.152	11.630	2.438E-09	17.065	3.413	6.161E-11	9.494	1.899	1.061E-11	19.749	3.950	9.550E-11	25.123	5.025	1.966E-10	15.152	3.030	4.313E-11
173				16.254	3.251	5.325E-11	23.856	4.771	1.683E-10	132.567	26.513	2.889E-08	26.041	5.208	2.190E-10	23.868	4.774	1.686E-10	26.015	5.203	2.183E-10	25.811	5.162	2.132E-10	40.851	8.170	8.453E-10
174				61.334	12.267	2.861E-09	32.410	6.482	4.221E-10	10.132	2.026	1.289E-11	21.917	4.383	1.305E-10	29.611	5.922	3.219E-10	26.279	5.256	2.250E-10	33.988	6.798	4.868E-10	30.030	6.006	3.358E-10
175				31.658	6.332	3.934E-10	23.717	4.743	1.654E-10	35.229	7.046	5.421E-10	37.925	7.585	6.763E-10	23.848	4.770	1.682E-10	27.588	5.518	2.603E-10	11.281	2.256	1.780E-11	37.418	7.484	6.496E-10
176				36.297	7.259	5.929E-10	25.967	5.193	2.171E-10	30.207	6.041	3.418E-10	36.281	7.256	5.922E-10	26.831	5.366	2.395E-10	9.750	1.950	1.149E-11	134.269	26.854	3.001E-08	30.997	6.199	3.693E-10
177				20.268	6.054	3.438E-10	36.139	7.228	5.852E-10	18.043	3.609	7.283E-11	35.196	7.039	5.406E-10	36.401	7.280	5.980E-10	27.129	5.426	2.476E-10	24.073	4.815	1.730E-10	28.926	5.785	3.001E-10
178				26.463	5.293	2.298E-10	94.815	18.963	1.057E-08	17.002	3.400	6.094E-11	10.968	2.194	1.636E-11	17.733	3.547	6.914E-11	23.086	4.617	1.526E-10	28.426	5.685	2.848E-10	28.046	5.609	2.735E-10
179				24.092	4.818	1.734E-10	14.753	2.951	3.981E-11	27.112	5.422	2.471E-10	28.157	5.631	2.768E-10	36.770	7.354	6.164E-10	35.911	7.182	5.742E-10	18.956	3.791	8.446E-11	9.363	1.873	1.018E-11
180				31.561	6.312	3.898E-10	23.401	4.680	1.589E-10	25.495	5.099	2.055E-10	26.644	5.329	2.345E-10	126.220	25.244	2.493E-08	36.194	7.239	5.879E-10	41.066	8.213	8.857E-10	19.182	3.836	7.522E-11
181				112.256	22.451	1.754E-08	33.287	6.657	4.573E-10	10.479	2.096	1.427E-11	28.036	5.607	2.732E-10	35.559	7.112	5.575E-10	28.547	5.709	2.884E-10	28.405	5.681	2.842E-10	21.158	4.232	1.174E-10
182				-14.553	0.000	0.000E+00	26.001	5.200	2.180E-10	19.761	3.952	9.567E-11	19.372	3.874	9.014E-11	24.720	4.944	1.873E-10	34.585	6.917	5.129E-10	17.675	3.535	6.846E-11	31.240	6.248	3.780E-10
183				34.484	6.897	5.084E-10	30.044	6.009	3.362E-10	54.824	10.965	2.043E-09	30.545	6.109	3.534E-10	32.667	6.533	4.322E-10	28.589	5.718	2.897E-10	12.090	2.418	2.191E-11	19.918	3.984	9.798E-11
184				31.274	6.255	3.793E-10	31.229	6.246	3.776E-10	21.736	4.347	1.273E-10	36.736	7.347	6.147E-10	15.651	3.130	4.753E-11	30.766	6.153	3.611E-10	23.513	4.703	1.612E-10	29.917	5.983	3.320E-10
185				25.322	5.064	2.013E-10	8.983	1.797	8.989E-12	111.899	22.380	1.737E-08	33.245	6.649	4.556E-10	36.525	7.305	6.042E-10	6.992	1.398	4.239E-12	34.778	6.956	5.251E-10	27.369	5.474	2.542E-10
186				34.474	6.895	5.080E-10	31.618	6.324	3.919E-10	33.482	6.696	4.654E-10	27.395	5.479	2.549E-10	26.233	5.247	2.238E-10	33.805	5.617	4.790E-10	10.983	2.197	1.643E-11	26.764	5.353	2.377E-10
187				16.058	3.212	5.134E-11	27.274	5.455	2.516E-10	33.049	4.610	1.518E-10	36.599	7.320	6.079E-10	28.469	5.694	2.861E-10	25.598	5.120	2.080E-10	28.708	5.742	2.934E-10	19.396	3.879	9.048E-11
188				25.818	5.164	2.134E-10	66.805	13.361	3.697E-09	15.690	3.138	4.789E-11	16.876	3.375	5.959E-11	20.217	4.043	1.024E-10	22.343	4.469	1.383E-10	20.974	4.195	1.144E-10	20.667	4.133	1.094E-10
189				17.414	3.483	6.548E-11	29.626	5.925	3.224E-10	11.908	2.382	2.094E-11	24.168	4.834	1.750E-10	36.729	7.346	6.143E-10	30.969	6.194	3.683E-10	27.229	5.446	2.503E-10	9.379	1.876	1.023E-11
190				25.609	5.122	2.082E-10	14.699	2.940	3.938E-11	17.647	3.529	6.814E-11	21.625	4.325	1.254E-10	24.274	4.855	1.773E-10	29.005	5.801	3.026E-10	31.997	6.399	4.062E-10	32.795	6.559	4.373E-10
191				18.409	3.682	7.736E-11	35.266	7.053	5.438E-10	34.229	6.846	4.973E-10	35.938	7.188	5.755E-10	26.624	5.325	2.340E-10	25.715	5.143	2.108E-10	17.317	3.463	6.438E-11	7.364	1.473	4.951E-12
192				27.317	5.463	2.527E-10	13.519	2.704	3.064E-11	30.824	6.165	3.631E-10	14.019	2.804	3.416E-11	33.141	6.628	4.513E-10	25.460	5.092	2.046E-10	24.072	4.814	1.729E-10	35.496	7.099	5.545E-10
193				118.411	23.682	2.059E-08	29.723	5.945	3.256E-10	8.476	1.695	7.550E-12	37.906	7.581	6.753E-10	25.729	5.146	2.112E-10	31.764	6.353	3.974E-10	15.493	3.099	4.611E-11	24.070	4.814	1.729E-10
194																											

Data: Flyover 2 - Span 9 (34.75 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
219				59.039	11.808	2.552E-09	31.062	6.212	3.716E-10	17.694	3.539	6.868E-11	38.858	7.772	7.275E-10	19.039	3.808	8.557E-11	10.466	2.093	1.422E-11	28.751	5.750	2.947E-10	20.855	4.171	1.125E-10
220				24.404	4.881	1.802E-10	13.899	2.780	3.329E-11	16.029	3.206	5.106E-11	116.025	23.205	1.937E-08	55.482	11.096	2.118E-09	22.490	4.498	1.411E-10	27.963	5.593	2.711E-10	13.345	2.669	2.947E-11
221				35.417	7.083	5.508E-10	34.828	6.966	5.238E-10	27.488	5.498	2.575E-10	28.273	5.655	2.802E-10	8.188	1.638	6.807E-12	18.388	3.678	7.709E-11	18.732	3.746	8.150E-11	24.735	4.947	1.876E-10
222				29.603	5.921	3.217E-10	31.429	6.286	3.849E-10	26.066	5.213	2.196E-10	20.795	4.159	1.115E-10	23.187	4.637	1.546E-10	20.603	4.121	1.084E-10	26.869	5.374	2.405E-10	28.240	5.648	2.793E-10
223				25.200	5.040	1.984E-10	33.010	6.602	4.460E-10	28.294	5.659	2.809E-10	25.545	5.109	2.067E-10	12.361	2.472	2.342E-11	35.798	7.160	5.688E-10	28.560	5.712	2.888E-10	28.733	5.747	2.941E-10
224				19.803	3.961	9.629E-11	27.233	5.447	2.504E-10	31.264	6.253	3.789E-10	-13.656	0.000	0.000E+00	24.245	4.849	1.767E-10	23.652	4.730	1.641E-10	14.690	2.938	3.931E-11	15.377	3.075	4.508E-11
225				29.318	5.864	3.125E-10	25.033	5.007	1.945E-10	32.199	6.440	4.139E-10	16.883	3.377	5.967E-11	16.259	3.252	5.329E-11	14.383	2.877	3.690E-11	24.715	4.943	1.872E-10	39.182	7.836	7.458E-10
226				25.578	5.116	2.075E-10	28.378	5.676	2.834E-10	17.990	3.598	7.219E-11	31.581	6.316	3.906E-10	24.462	4.892	1.815E-10	14.204	2.841	3.553E-11	34.778	6.956	5.216E-10	57.451	11.490	2.351E-09
227				5.083	1.017	1.628E-12	64.898	12.980	3.389E-09	25.512	5.102	2.059E-10	8.365	1.673	7.257E-12	28.492	5.698	2.868E-10	24.936	4.987	1.923E-10	9.194	1.839	9.637E-12	29.787	5.957	3.277E-10
228				24.998	5.000	1.937E-10	31.089	6.218	3.726E-10	123.564	24.713	2.339E-08	26.897	5.379	2.413E-10	14.572	2.914	3.837E-11	24.542	4.908	1.833E-10	16.246	3.249	5.316E-11	26.700	5.340	2.360E-10
229				36.232	7.246	5.897E-10	27.512	5.502	2.582E-10	33.754	6.751	4.768E-10	27.127	5.425	2.475E-10	52.219	10.444	1.766E-09	28.008	5.602	2.724E-10	116.843	23.369	1.978E-08	28.457	5.691	2.857E-10
230				29.718	7.944	7.769E-10	25.716	5.143	2.109E-10	27.669	5.534	2.627E-10	35.346	7.069	5.475E-10	15.343	3.069	4.478E-11	16.929	3.386	6.016E-11	24.800	4.960	1.891E-10	24.809	4.962	1.893E-10
231				22.333	4.467	1.381E-10	24.517	4.903	1.827E-10	23.440	4.688	1.597E-10	21.333	4.267	1.204E-10	23.830	4.766	1.678E-10	28.532	5.706	2.880E-10	7.329	1.466	4.881E-12	42.545	8.509	9.549E-10
232				131.646	26.329	2.829E-08	20.929	4.186	1.137E-10	10.409	2.082	1.398E-11	27.026	5.405	2.448E-10	32.471	6.494	2.45E-10	12.732	2.546	2.559E-11	33.091	6.618	4.493E-10	28.010	5.602	2.725E-10
233				54.256	10.851	1.980E-09	29.589	5.918	3.212E-10	27.428	5.486	2.558E-10	6.553	1.311	3.488E-12	16.731	3.346	5.807E-11	47.915	9.583	1.364E-09	24.955	4.991	1.927E-10	30.514	6.103	3.523E-10
234				31.995	6.399	4.061E-10	24.967	4.993	1.930E-10	31.770	6.354	3.976E-10	34.123	6.825	4.927E-10	23.651	4.730	1.640E-10	30.538	6.108	3.531E-10	9.420	1.884	1.036E-11	32.029	6.406	4.074E-10
235				17.334	3.467	6.458E-11	32.905	6.581	4.417E-10	12.750	2.550	2.570E-11	7.896	1.579	6.105E-12	33.797	6.759	4.787E-10	37.455	7.491	6.515E-10	26.033	5.207	2.188E-10	28.509	5.702	2.873E-10
236				30.135	6.027	3.393E-10	27.301	5.460	2.523E-10	12.534	2.507	2.442E-11	29.177	5.835	3.080E-10	31.856	6.371	4.008E-10	25.051	5.010	1.949E-10	28.672	5.734	2.922E-10	34.642	6.928	5.155E-10
237				33.669	6.734	4.732E-10	27.618	5.524	2.612E-10	30.102	6.020	3.382E-10	35.293	7.059	5.451E-10	18.171	3.634	7.439E-11	30.263	6.053	3.437E-10	17.846	3.569	7.047E-11	34.416	6.883	5.054E-10
238				35.179	7.036	5.398E-10	25.987	5.197	2.176E-10	62.250	12.450	2.991E-09	31.581	6.316	3.905E-10	29.428	5.886	3.160E-10	58.926	11.785	2.537E-09	24.868	4.974	1.907E-10	20.355	4.071	1.046E-10
239				9.297	1.859	9.963E-12	6.486	1.297	3.383E-12	32.014	6.403	4.068E-10	29.506	5.901	3.185E-10	28.795	5.759	2.960E-10	25.130	5.026	1.968E-10	14.691	2.938	3.932E-11	24.509	4.902	1.825E-10
240				37.648	7.530	6.616E-10	20.999	4.200	1.148E-10	16.264	3.253	5.334E-11	22.078	4.416	1.334E-10	22.470	4.494	1.407E-10	32.913	6.583	4.421E-10	29.160	5.832	3.074E-10	23.360	4.672	1.581E-10
241				64.664	12.933	3.353E-09	-15.510	0.000	0.000E+00	31.607	6.321	3.915E-10	28.658	5.732	2.918E-10	26.658	5.332	2.349E-10	24.834	4.967	1.899E-10	33.575	6.715	4.693E-10	23.146	4.629	1.537E-10
242				23.790	4.758	1.669E-10	22.821	4.564	1.474E-10	34.008	6.802	4.877E-10	36.639	7.328	6.099E-10	31.600	6.320	3.913E-10	10.004	2.001	1.242E-11	30.285	6.057	3.444E-10	28.291	5.658	2.808E-10
243				37.838	7.568	6.717E-10	32.274	6.455	4.168E-10	26.868	5.374	2.405E-10	24.232	4.846	1.764E-10	29.268	5.854	3.109E-10	28.494	5.699	2.868E-10	25.161	5.032	1.975E-10	28.776	5.755	2.954E-10
244				35.353	7.071	5.479E-10	24.056	4.811	1.726E-10	38.130	7.626	6.874E-10	28.760	5.752	2.949E-10	27.112	5.422	2.471E-10	81.120	16.224	6.619E-09	29.651	5.930	3.232E-10	32.796	6.559	4.374E-10
245				35.213	7.043	5.414E-10	28.801	5.760	2.962E-10	20.708	4.142	1.101E-10	35.782	7.156	5.681E-10	30.807	6.161	3.625E-10	28.056	5.611	2.738E-10	26.473	5.295	2.300E-10	36.226	7.245	5.895E-10
246				30.384	6.077	3.478E-10	29.914	5.983	3.319E-10	25.467	5.093	2.048E-10	118.306	23.661	2.053E-08	28.224	5.645	2.788E-10	34.958	6.992	5.297E-10	37.093	7.419	6.328E-10	26.638	5.328	2.344E-10
247				132.451	26.490	2.881E-08	26.855	5.371	2.401E-10	125.716	25.143	2.464E-08	33.522	6.704	4.671E-10	36.882	7.376	6.221E-10	27.550	5.510	2.593E-10	12.897	2.579	2.660E-11	36.968	7.394	6.264E-10
248				32.529	6.506	4.268E-10	21.905	4.381	1.303E-10	31.749	6.350	3.968E-10	14.136	2.827	3.502E-11	30.189	6.038	3.411E-10	23.344	4.669	1.577E-10	32.794	6.559	4.373E-10	22.415	4.483	1.396E-10
249				38.924	7.785	7.312E-10	13.805	2.761	3.262E-11	31.823	6.365	3.996E-10	11.082	2.216	1.688E-11	33.907	4.781	1.694E-10	28.767	5.753	2.952E-10	28.606	5.721	2.902E-10	31.314	6.263	3.807E-10
250				10.963	2.193	1.634E-11	9.649	1.930	1.114E-11	13.694	2.739	3.184E-11	25.918	5.184	2.159E-10	34.164</											

Data: Flyover 2 - Span 9 (34.75 m) - IG-02																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
276				22.102	4.420	1.339E-10	29.605	5.921	3.217E-10	23.080	4.616	1.524E-10	25.844	5.169	2.140E-10	30.071	6.014	3.372E-10	25.149	5.030	1.972E-10	21.851	4.370	1.294E-10	29.922	5.984	3.322E-10
277				28.157	5.631	2.768E-10	39.411	7.882	7.590E-10	26.562	5.312	2.324E-10	38.969	7.794	7.338E-10	19.607	3.921	9.346E-11	6.908	1.382	4.088E-12	32.189	6.438	4.135E-10	32.709	6.542	4.339E-10
278				49.562	9.912	1.510E-09	22.421	4.484	1.397E-10	35.434	7.087	5.517E-10	29.259	5.852	3.106E-10	28.480	5.696	2.864E-10	27.497	5.499	2.578E-10	39.248	7.850	7.496E-10	25.439	5.088	2.041E-10
279				34.582	6.916	5.128E-10	12.330	2.466	2.324E-11	28.481	5.696	2.865E-10	32.398	6.480	4.216E-10	34.855	6.971	5.250E-10	37.353	7.471	6.462E-10	25.791	5.158	2.127E-10	30.589	6.118	3.549E-10
280				14.323	2.865	3.643E-11	35.456	7.091	5.527E-10	37.424	7.485	6.499E-10	27.799	5.560	2.664E-10	27.333	5.467	2.532E-10	34.921	6.984	5.280E-10	31.998	6.400	4.062E-10	31.402	6.280	3.839E-10
281				14.693	2.939	3.933E-11	32.136	6.427	4.115E-10	23.503	4.701	1.610E-10	33.288	6.658	4.574E-10	30.102	6.020	3.382E-10	26.513	5.303	2.311E-10	29.867	5.973	3.303E-10	26.674	5.335	2.353E-10
282				14.489	2.898	3.772E-11	20.845	4.169	1.123E-10	26.067	5.213	2.196E-10	34.151	6.830	4.938E-10	35.751	7.150	5.666E-10	33.433	6.687	4.633E-10	25.439	5.088	2.041E-10	33.873	6.775	4.819E-10
283				106.545	21.309	1.500E-08	30.052	6.010	3.365E-10	32.263	6.453	4.164E-10	12.781	2.556	2.589E-11	28.587	5.717	2.897E-10	28.053	5.611	2.737E-10	50.369	10.074	1.585E-09	25.936	5.187	2.163E-10
284				27.296	5.459	2.522E-10	13.666	2.733	3.165E-11	8.979	1.796	8.975E-12	38.131	7.626	6.874E-10	31.703	6.341	3.951E-10	32.653	6.531	4.317E-10	25.131	5.026	1.968E-10	26.478	5.296	2.302E-10
285				54.103	10.821	1.964E-09	20.532	4.106	1.073E-10	28.079	5.616	2.745E-10	33.932	6.786	4.844E-10	35.962	7.192	5.767E-10	34.910	6.982	5.275E-10	37.907	7.581	6.754E-10	24.792	4.958	1.889E-10
286				19.666	3.933	9.431E-11	10.714	2.143	1.525E-11	25.954	5.191	2.168E-10	38.156	7.631	6.888E-10	30.408	6.082	3.486E-10	30.539	6.108	3.531E-10	36.063	7.213	5.815E-10	30.577	6.115	3.545E-10
287				35.232	7.046	5.422E-10	33.076	6.615	4.487E-10	38.735	7.747	7.206E-10	40.534	8.107	8.258E-10	31.895	6.379	4.023E-10	30.535	6.107	3.530E-10	29.456	5.891	3.169E-10	20.580	4.116	1.081E-10
288				15.588	3.118	4.696E-11	28.385	5.677	2.836E-10	29.196	5.839	3.086E-10	16.846	3.369	5.927E-11	29.364	5.873	3.139E-10	26.666	5.333	2.351E-10	27.892	5.578	2.691E-10	32.662	6.532	4.320E-10
289				37.031	7.406	6.297E-10	26.504	5.301	2.309E-10	14.738	2.948	3.969E-11	36.247	7.249	5.905E-10	34.329	6.866	5.016E-10	28.083	5.617	2.746E-10	37.004	7.401	6.82E-10	14.756	2.951	3.984E-11
290				14.303	2.861	3.628E-11	36.094	7.219	5.830E-10	38.581	3.716	7.954E-11	30.952	6.190	3.677E-10	24.092	4.818	1.734E-10	12.104	2.421	2.199E-11	30.465	6.093	3.506E-10	37.114	7.423	6.339E-10
291				136.204	27.241	3.133E-08	24.390	4.878	1.799E-10	33.816	6.763	4.795E-10	36.829	7.366	6.194E-10	34.888	6.978	5.265E-10	27.539	5.508	2.590E-10	18.652	3.730	8.046E-11	30.788	6.158	3.619E-10
292				33.977	6.795	4.863E-10	28.921	5.784	2.999E-10	30.281	6.056	3.443E-10	38.540	7.708	7.098E-10	38.093	7.619	6.854E-10	30.248	6.050	3.432E-10	12.126	2.425	2.211E-11	28.742	5.748	2.944E-10
293				18.625	3.725	8.011E-11	36.966	7.393	6.263E-10	31.889	6.378	4.021E-10	36.049	7.210	5.809E-10	19.287	3.857	8.896E-11	34.046	6.809	4.893E-10	16.321	3.264	5.391E-11	24.866	4.973	1.906E-10
294				26.982	5.396	2.436E-10	20.209	4.042	1.023E-10	36.762	7.352	6.160E-10	32.432	6.486	4.230E-10	13.616	2.723	3.130E-11	12.170	2.434	2.235E-11	45.673	9.135	1.181E-09	8.496	1.699	7.603E-12
295				34.471	6.894	5.079E-10	34.000	6.800	4.873E-10	35.643	7.129	5.614E-10	26.418	5.284	2.286E-10	40.559	8.112	8.273E-10	35.245	7.049	5.429E-10	31.424	6.285	3.847E-10	54.996	10.999	2.062E-09
296				25.950	5.190	2.167E-10	29.266	5.853	3.108E-10	30.111	6.022	3.385E-10	26.390	5.278	2.279E-10	44.470	8.894	1.090E-09	33.412	6.682	4.625E-10	30.039	6.008	3.361E-10	31.458	6.292	3.860E-10
297				138.477	27.695	3.292E-08	26.232	5.246	2.238E-10	28.407	5.681	2.842E-10	26.878	5.376	2.408E-10	32.242	6.448	4.156E-10	12.695	2.539	2.537E-11	35.952	7.190	5.762E-10	24.063	4.813	1.728E-10
298				28.040	5.608	2.734E-10	19.203	3.841	8.780E-11	27.352	5.470	2.537E-10	31.760	6.352	3.972E-10	34.771	6.954	5.212E-10	35.460	7.092	5.529E-10	30.645	6.129	3.569E-10	31.723	6.345	3.958E-10
299				22.787	4.557	1.467E-10	32.153	6.431	4.121E-10	11.690	2.338	1.981E-11	30.949	6.190	3.676E-10	15.560	3.112	4.671E-11	38.258	7.652	6.943E-10	33.366	6.673	4.696E-10	47.430	9.486	1.323E-09
300				29.541	5.908	3.196E-10	38.198	7.640	6.910E-10	41.281	8.526	8.722E-10	34.366	6.873	5.032E-10	38.827	7.765	7.257E-10	30.621	6.124	3.560E-10	35.943	7.189	5.757E-10	28.062	5.612	2.740E-10
301				31.237	6.247	3.779E-10	36.489	7.298	6.024E-10	37.885	7.577	6.742E-10	30.064	6.013	3.369E-10	24.253	4.851	1.769E-10	40.441	8.088	8.201E-10	18.114	3.623	3.631E-10	28.026	5.605	2.730E-10
302				30.394	6.079	3.482E-10	27.485	5.497	2.574E-10	36.508	7.302	6.033E-10	29.654	5.931	3.233E-10	31.186	6.237	3.761E-10	29.853	5.971	3.299E-10	31.600	6.320	3.912E-10	51.303	10.261	1.674E-09
303				33.191	6.638	4.534E-10	8.885	1.777	8.698E-12	31.473	6.295	3.865E-10	35.333	7.067	5.469E-10	29.647	5.929	3.231E-10	34.851	6.970	5.249E-10	32.900	6.580	4.415E-10	23.659	4.732	1.642E-10
304				30.198	6.040	3.415E-10	16.965	3.393	6.054E-11	36.382	7.276	5.971E-10	60.855	12.171	2.794E-09	38.429	7.686	7.037E-10	35.424	7.085	5.512E-10	30.934	6.187	3.670E-10	32.197	6.439	4.139E-10
305				28.587	5.717	2.897E-10	10.580	2.116	1.469E-11	17.599	3.520	6.759E-11	33.471	6.694	4.650E-10	36.260	7.252	5.911E-10	41.669	8.334	8.971E-10	26.587	5.317	2.330E-10	36.432	7.286	5.995E-10
306				33.637	6.727	4.719E-10	24.401	4.880	1.801E-10	30.543	6.109	3.533E-10	29.446	5.889	3.166E-10	29.976	5.995	3.340E-10	17.364	3.473	6.492E-11	27.113	5.423	2.471E-10	40.015	8.003	7.944E-10
307				34.545	6.909	5.111E-10	13.390	2.678	2.977E-11	25.359	5.072	2.022E-10	29.583	5.917	3.210E-10	32.140	6.428	4.116E-10	8.869	1.774	8.651E-12	18.784	3				

Data: Flyover 2 - Span 9 (34.75 m) - IG-02																											
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09			
333			37.208	7.442	6.387E-10				29.794	5.959	3.279E-10	8.045	1.609	6.457E-12	33.008	6.602	4.459E-10	15.931	3.186	5.013E-11	25.746	5.149	2.116E-10	37.082	7.416	6.322E-10	
334			24.287	4.857	1.776E-10				31.576	6.315	3.904E-10	14.632	2.926	3.884E-11	34.995	6.999	5.314E-10	4.955	0.991	1.509E-12	25.539	5.108	2.065E-10	7.469	1.494	5.167E-12	
335			29.102	5.820	3.056E-10				28.397	5.679	2.839E-10	31.138	6.228	3.743E-10	31.189	6.238	3.762E-10	26.699	5.340	2.360E-10	25.961	5.192	2.170E-10	25.610	5.122	2.083E-10	
336			33.620	6.724	4.712E-10				32.194	6.439	4.137E-10	32.377	6.475	4.208E-10	9.527	1.905	1.072E-11	36.093	7.219	5.830E-10	34.396	6.879	5.045E-10	24.190	4.838	1.755E-10	
337			25.859	5.172	2.144E-10				30.134	6.027	3.393E-10	26.223	5.245	2.236E-10	33.250	6.650	4.558E-10	35.100	7.020	5.362E-10	14.413	2.883	3.712E-11	27.635	5.527	2.617E-10	
338			39.091	7.818	7.407E-10				46.617	9.323	1.256E-09	27.913	5.583	2.697E-10	8.919	1.784	8.799E-12	31.513	6.303	3.880E-10	98.669	19.734	1.191E-08	24.968	4.994	1.930E-10	
339			23.133	4.627	1.535E-10				35.822	7.164	5.700E-10	7.402	1.480	5.028E-12	14.232	2.846	3.574E-11	29.700	5.940	3.248E-10	34.730	6.946	5.194E-10	41.230	8.246	8.690E-10	
340			26.989	5.398	2.437E-10				7.247	1.449	4.719E-12	15.532	3.106	4.646E-11	8.282	1.656	7.044E-12	36.560	7.312	6.059E-10	24.614	4.923	1.849E-10	24.919	4.984	1.919E-10	
341			116.490	23.298	1.960E-08				15.173	3.035	4.331E-11	18.648	3.730	8.040E-11	25.502	5.100	2.056E-10	25.825	5.165	2.135E-10	25.288	5.058	2.005E-10	33.215	6.643	4.544E-10	
342			23.753	4.751	1.662E-10				11.147	2.229	1.717E-11	12.660	2.532	2.516E-11	68.159	13.632	3.926E-09	25.962	5.192	2.170E-10	32.069	6.414	4.089E-10	13.775	2.755	3.241E-11	
343			32.702	6.540	4.336E-10				27.319	5.464	2.528E-10	15.433	3.087	4.558E-11	34.078	6.816	4.907E-10	26.416	5.283	2.286E-10	33.589	6.718	4.699E-10	11.542	2.308	1.906E-11	
344			20.120	4.024	1.010E-10				31.564	6.313	3.899E-10	28.533	5.707	2.880E-10	32.554	6.511	4.278E-10	96.389	19.278	1.110E-08	23.388	4.678	1.586E-10	44.156	8.831	1.067E-09	
345			23.165	4.633	1.541E-10				30.462	6.092	3.505E-10	14.608	2.922	3.865E-11	14.881	2.976	4.086E-11	25.860	5.172	2.144E-10	35.236	7.047	5.424E-10	35.410	7.082	5.505E-10	
346			25.638	5.128	2.089E-10				34.776	6.955	5.215E-10	24.329	4.866	1.785E-10	18.426	3.685	7.757E-11	92.010	18.402	9.658E-09	29.196	5.839	3.086E-10	25.918	5.184	2.159E-10	
347			94.669	18.934	1.052E-08				35.363	7.073	5.483E-10	30.401	6.080	3.484E-10	22.430	4.486	1.399E-10	7.600	1.520	5.443E-12	13.710	2.742	3.195E-11	65.609	13.122	3.502E-09	
348			38.456	7.691	7.052E-10				9.213	1.843	9.695E-12	31.213	6.243	3.771E-10	13.495	2.699	3.047E-11	22.778	4.556	1.465E-10	39.819	7.964	7.828E-10	35.958	7.192	5.765E-10	
349			30.050	6.010	3.365E-10				34.819	6.964	5.234E-10	30.506	6.101	3.520E-10	29.727	5.945	3.257E-10	21.806	4.361	1.286E-10	29.447	5.889	3.166E-10	32.471	6.494	4.245E-10	
350			15.222	3.044	4.373E-11				19.149	3.830	8.707E-11	24.158	4.832	1.748E-10	10.449	2.090	1.414E-11	30.930	6.186	3.669E-10	29.124	5.825	3.063E-10	21.723	4.345	1.271E-10	
351			28.646	5.729	2.915E-10				35.235	7.047	5.424E-10	33.271	6.654	4.566E-10	28.232	5.646	2.790E-10	13.263	2.653	2.893E-11	33.135	6.627	4.511E-10	23.022	4.604	1.513E-10	
352			8.466	1.693	7.525E-12				21.568	4.314	1.244E-10	25.094	5.019	1.959E-10	35.894	7.179	5.734E-10	40.248	8.050	8.084E-10	27.633	5.527	2.616E-10	26.334	5.267	2.264E-10	
353			17.952	3.590	7.173E-11				17.134	3.427	6.237E-11	35.397	7.079	5.499E-10	16.716	3.343	5.792E-11	24.182	4.836	1.753E-10	34.986	6.997	5.310E-10	15.399	3.080	4.528E-11	
354			29.031	5.806	3.034E-10				14.545	2.909	3.815E-11	8.668	1.734	8.075E-12	56.247	11.249	2.206E-09	10.885	2.177	1.599E-11	47.661	9.532	1.342E-09	36.915	7.383	6.237E-10	
355			31.139	6.228	3.744E-10				37.797	7.559	6.695E-10	23.655	4.731	1.641E-10	15.218	3.044	4.370E-11	15.462	3.092	4.583E-11	22.999	4.600	1.508E-10	24.080	4.816	1.731E-10	
356			12.545	2.509	2.448E-11				30.547	6.109	3.534E-10	23.570	4.714	1.624E-10	16.529	3.306	5.600E-11	10.945	2.189	1.626E-11	29.034	5.807	3.035E-10	34.936	6.987	5.287E-10	
357			27.018	5.404	2.445E-10				16.741	3.348	5.817E-11	24.320	4.864	1.784E-10	11.853	2.371	2.065E-11	24.033	4.807	1.721E-10	34.470	6.894	5.078E-10	12.637	2.527	2.502E-11	
358			33.983	6.797	4.866E-10				20.963	4.193	1.142E-10	23.709	4.742	1.653E-10	21.833	4.367	1.290E-10	26.853	5.371	2.401E-10	34.959	6.992	5.297E-10	15.010	3.002	4.193E-11	
359			18.342	3.668	7.651E-11				30.909	6.182	3.661E-10	28.283	5.657	2.805E-10	25.296	5.059	2.007E-10	38.956	7.791	7.330E-10	31.240	6.248	3.780E-10	11.908	2.382	2.094E-11	
360			24.228	4.846	1.763E-10				38.245	7.649	6.936E-10	23.386	4.677	1.586E-10	7.489	1.498	5.207E-12	25.912	5.182	2.157E-10	23.619	4.724	1.634E-10				
361			34.105	6.821	4.919E-10				6.671	1.334	3.681E-12	30.101	6.020	3.382E-10	26.142	5.228	2.215E-10	26.650	5.330	2.347E-10	10.733	2.147	1.533E-11				
362			32.648	6.530	4.315E-10				19.897	3.979	9.766E-11	20.954	4.191	1.141E-10	16.189	3.238	5.261E-11	22.271	4.454	1.370E-10	21.968	4.394	1.314E-10				
363			96.023	19.205	1.098E-08				24.758	4.952	1.882E-10	21.791	4.358	1.283E-10	35.442	7.088	5.520E-10	21.959	4.392	1.313E-10	34.888	6.978	5.265E-10				
364			16.476	3.295	5.546E-11				31.150	6.230	3.748E-10	13.935	2.787	3.355E-11	26.981	5.396	2.435E-10	29.843	5.969	3.296E-10	29.098	5.820	3.055E-10				
365			17.662	3.532	6.831E-11				33.883	6.777	4.823E-10	19.928	3.986	9.813E-11	24.096	4.819	1.735E-10	107.989	21.598	1.561E-08	35.927	7.185	5.750E-10				
366			23.110	4.622	1.530E-10				25.949	5.190	2.166E-10	27.599	5.520	2.607E-10	28.753	5.751	2.947E-10	31.963	6.393	4.049E-10	26.658	5.332	2.349E-10				
367			35.846	7.169	5.711E-10				30.726	6.145	3.597E-10	21.202	4.240	1.182E-10	20.247	4.049	1.029E-10	34.924	6.985	5.282E-10	28.820	5.764	2.968E-10				
368			24.175	4.835	1.752E-10				25.079	5.016	1.956E-10	22.113	4.423	1.341E-10	9.947	1.989	1.220E-11	31.646.									

Data: Flyover 2 - Span 9 (34.75 m) - IG-02																										
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG09	200000	11.8097	SG09			SG09			SG09			SG09			SG09			SG09			SG09			SG09		
390															33.769	6.754	4.775E-10	15.054	3.011	4.230E-11						
391															6.418	1.284	3.278E-12	32.567	6.513	4.283E-10						
392															8.939	1.788	8.857E-12	23.099	4.620	1.528E-10						
393															33.791	6.758	4.784E-10	26.090	5.218	2.202E-10						
394																		65.728	13.146	3.521E-09						
395																		34.266	6.853	4.988E-10						
396																		14.558	2.912	3.826E-11						
397																		6.821	1.364	3.935E-12						
398																		12.255	2.451	2.282E-11						
399																		24.327	4.865	1.785E-10						
400																		52.934	10.587	1.839E-09						
401																		17.826	3.565	7.024E-11						
402																		26.249	5.250	2.243E-10						
403																		34.485	6.897	5.085E-10						
404																		14.550	2.910	3.819E-11						
405																		33.094	6.619	4.494E-10						

Flyover 2 - Span 9 (34.75 m) - IG-03
Daily Maximum Stress and Cumulative Damage

		Day 1		Day 2		Day 3		Day 4		Summary		Day 5		Day 6		Day 7		Day 8		Day 9							
		Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage						
Max.		17.720	8.623E-09	Max.	24.747	2.349E-08	Max.	23.183	1.931E-08	Max.	23.043	1.896E-08	Max.	23.447	1.998E-08	Max.	21.464	1.533E-08	Max.	21.126	1.461E-08	Max.	22.705	1.814E-08	Max.	16.675	7.186E-09
Cum.		-	4.619E-08	Cum.	-	3.243E-07	Cum.	-	1.301E-07	Cum.	-	3.334E-07	Cum.	-	2.085E-07	Cum.	-	1.860E-07	Cum.	-	1.291E-07	Cum.	-	1.498E-07	Cum.	-	9.826E-08
Data: Flyover 2 - Span 9 (34.75 m) - IG-03																											
		Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Day 8		Day 9									
		Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage					
		SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13							
1	36.985	7.397	6.273E-10	52.365	10.473	1.780E-09	28.780	5.756	2.956E-10	28.309	5.662	2.813E-10	29.929	5.986	3.324E-10	37.817	7.563	6.706E-10	30.431	6.086	3.494E-10	28.824	5.765	2.969E-10	27.618	5.524	2.612E-10
2	10.159	2.032	1.300E-11	31.320	6.264	3.809E-10	31.645	6.329	3.929E-10	12.247	2.449	2.277E-11	33.713	6.743	4.751E-10	12.204	2.441	2.254E-11	10.796	2.159	1.560E-11	39.262	7.852	7.504E-10	27.549	5.510	2.592E-10
3	22.165	4.433	1.350E-10	28.527	5.705	2.878E-10	22.172	4.434	1.351E-10	31.726	6.345	3.959E-10	25.953	5.191	2.168E-10	25.893	5.179	2.152E-10	50.621	10.124	1.608E-09	30.874	6.175	3.649E-10	10.182	2.036	1.309E-11
4	21.474	4.295	1.228E-10	28.462	5.692	2.859E-10	11.998	2.400	2.142E-11	17.348	3.470	6.473E-11	26.800	5.360	2.387E-10	29.526	5.905	3.191E-10	31.401	6.280	3.839E-10	46.460	9.292	1.243E-09	53.012	10.602	1.847E-09
5	20.271	4.054	1.033E-10	28.500	5.700	2.870E-10	26.504	5.301	2.308E-10	56.532	11.306	2.240E-09	42.955	8.591	9.827E-10	33.643	6.729	4.722E-10	12.973	2.595	2.707E-11	49.066	9.813	1.465E-09	33.678	6.736	4.736E-10
6	12.205	2.441	2.254E-11	22.966	4.593	1.502E-10	31.633	6.327	3.925E-10	29.566	5.913	3.204E-10	45.284	9.057	1.151E-09	20.573	4.115	1.080E-10	17.675	3.535	6.847E-11	33.789	6.758	4.783E-10	27.376	5.475	2.544E-10
7	24.781	4.956	1.887E-10	55.027	11.005	2.066E-09	13.443	2.689	3.012E-11	13.648	2.730	3.152E-11	54.997	10.999	2.063E-09	30.435	6.087	3.496E-10	51.727	10.345	1.716E-09	32.013	6.403	4.068E-10	31.924	6.385	4.034E-10
8	32.478	6.496	4.248E-10	45.452	9.090	1.164E-09	19.445	3.889	9.117E-11	15.937	3.187	5.019E-11	35.200	7.040	5.408E-10	23.358	4.672	1.580E-10	10.441	2.088	1.411E-11	16.176	3.235	5.248E-11	34.406	6.881	5.050E-10
9	21.537	4.307	1.239E-10	23.402	4.680	1.589E-10	87.886	17.577	8.417E-09	32.686	6.537	4.330E-10	17.280	3.456	6.397E-11	36.393	7.279	5.977E-10	30.302	6.060	3.450E-10	25.839	5.168	2.139E-10	50.855	10.171	1.631E-09
10	29.147	5.829	3.070E-10	33.234	6.647	4.551E-10	35.674	7.135	5.629E-10	32.815	6.563	4.382E-10	16.331	3.266	5.400E-11	16.843	3.369	5.925E-11	16.455	3.291	5.525E-11	15.291	3.058	4.433E-11	15.588	3.118	4.696E-11
11	21.827	4.365	1.289E-10	18.530	3.706	7.888E-11	18.308	3.662	7.608E-11	21.911	4.382	1.304E-10	84.275	16.855	7.421E-09	31.269	6.254	3.791E-10	-27.698	0.000	0.000E+00	21.830	4.366	1.290E-10	18.925	3.785	8.404E-11
12	27.426	5.485	2.558E-10	18.463	3.693	7.803E-11	18.851	3.770	8.306E-11	16.070	3.214	5.146E-11	17.347	3.469	6.472E-11	45.943	9.189	1.202E-09	17.655	3.531	6.823E-11	20.022	4.004	9.952E-11	22.950	4.590	1.499E-10
13	23.802	4.760	1.672E-10	10.253	2.051	1.336E-11	12.724	2.545	2.554E-11	29.897	5.979	3.313E-10	30.628	6.126	3.563E-10	14.617	2.923	3.873E-11	16.712	3.342	5.787E-11	81.598	16.320	6.736E-09	12.440	2.488	2.387E-11
14	27.068	5.414	2.459E-10	12.742	2.548	2.565E-11	12.852	2.570	2.632E-11	28.097	5.619	2.750E-10	22.855	4.571	1.480E-10	29.500	5.900	3.183E-10	31.804	6.361	3.989E-10	11.672	2.334	1.197E-11	23.726	4.745	1.656E-10
15	33.279	6.656	4.570E-10	32.938	6.588	4.431E-10	24.127	4.825	1.741E-10	40.494	8.099	8.233E-10	15.129	3.026	4.294E-11	23.926	4.785	1.698E-10	11.351	2.270	1.814E-11	21.444	4.289	1.223E-10	24.256	4.851	1.770E-10
16	13.899	2.780	3.329E-11	40.820	8.164	8.434E-10	20.833	4.167	1.121E-10	27.045	5.409	2.453E-10	32.518	6.504	4.263E-10	12.282	2.456	2.297E-11	31.351	6.270	3.821E-10	23.927	4.785	1.698E-10	12.904	2.581	2.664E-11
17	43.689	8.738	1.034E-09	23.814	4.763	1.674E-10	21.928	4.386	1.307E-10	26.786	5.357	2.383E-10	12.001	2.400	2.143E-11	11.370	2.274	1.822E-11	11.833	2.367	2.054E-11	12.734	2.547	2.560E-11	19.609	3.922	9.349E-11
18	24.727	4.945	1.874E-10	62.454	12.491	3.020E-09	26.453	5.291	2.295E-10	29.116	5.823	3.060E-10	26.554	5.311	2.322E-10	32.152	6.430	4.121E-10	25.995	5.199	2.178E-10	34.947	6.989	5.292E-10	32.483	6.497	4.250E-10
19	10.950	2.190	1.628E-11	19.994	3.999	9.911E-11	27.262	5.452	2.512E-10	10.585	2.117	1.471E-11	21.415	4.283	1.218E-10	21.056	4.211	1.158E-10	27.933	5.587	2.702E-10	29.434	5.887	3.162E-10	11.505	2.301	1.888E-11
20	30.435	6.087	3.496E-10	17.131	3.426	6.233E-11	20.665	4.133	1.094E-10	24.530	4.906	1.830E-10	28.062	5.612	2.740E-10	29.865	5.973	3.303E-10	21.276	4.255	1.194E-10	13.801	2.760	3.259E-11	29.076	5.815	3.048E-10
21	31.281	6.256	3.795E-10	12.134	2.427	2.215E-11	25.761	5.152	2.120E-10	16.792	3.358	5.871E-11	30.397	6.079	3.482E-10	13.348	2.670	2.949E-11	14.555	2.911	3.823E-11	32.329	6.466	4.190E-10	21.733	4.347	1.273E-10
22	10.183	2.037	1.309E-11	27.594	5.519	2.605E-10	30.384	6.077	3.478E-10	24.195	4.839	1.756E-10	23.520	4.704	1.613E-10	22.590	4.518	1.429E-10	27.496	5.499	2.578E-10	22.799	4.560	1.469E-10	33.874	6.775	4.820E-10
23	32.420	6.484	4.225E-10	31.959	6.392	4.047E-10	19.493	3.899	9.185E-11	30.304	6.061	3.451E-10	22.529	4.506	1.418E-10	47.604	9.521	1.338E-09	21.013	4.203	1.150E-10	21.384	4.277	1.212E-10	21.696	4.339	1.266E-10
24	21.429	4.286	1.220E-10	11.273	2.255	1.776E-11	29.322	5.864	3.126E-10	44.391	8.878	1.085E-09	31.108	6.222	3.733E-10	31.418	6.284	3.845E-10	13.540	2.708	3.078E-11	20.721	4.144	1.103E-10	15.911	3.182	4.994E-11
25	31.943	6.389	4.041E-10	15.679	3.136	4.779E-11	26.286	5.257	2.252E-10	18.808	3.762	8.249E-11	31.468	6.294	3.863E-10	22.015	4.403	1.323E-10	33.086	6.617	4.491E-10	29.558	5.912	3.202E-10	19.520	3.904	9.222E-11
26	10.476	2.095	1.425E-11	25.253	5.051	1.997E-10	21.203	4.241	1.182E-10	28.363	5.673	2.829E-10	23.804	4.761	1.672E-10	28.793	5.759	2.960E-10	27.124	5.425	2.474E-10	28.312	5.662	2.814E-10	83.373	16.675	7.186E-09
27	21.514	4.303	1.235E-10	30.163	6.033	3.403E-10	28.562	5.712	2.889E-10	29.951	5.990	3.331E-10	33.390	6.678	4.616E-10	35.455	7.091	5.526E-10	29.774	5.955	3.273E-10	14.767	2.953	3.993E-11	30.962	6.192	3.680E-10
28	29.466	5.893	3.172E-10	22.134	4.427	1.345E-10	21.167	4.233	1.176E-10	14.129	2.826	3.497E-11	19.102	3.820	8.642E-11	32.209	6.442	4.143E-10	28.731	5.746	2.941E-10	19.854	3.971	9.703E-11	12.942	2.588	2.688E-11
29	29.484	5.897	3.178E-10	30.806	6.161	3.625E-10	25.330	5.066	2.015E-10	33.953	6.791	4.853E-10	23.031	4.606	1.515E-10	3											

Data: Flyover 2 - Span 9 (34.75 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
48	13.971	2.794	3.381E-11	22.267	4.453	1.369E-10	23.595	4.719	1.629E-10	19.291	3.858	8.902E-11	18.639	3.728	8.029E-11	21.173	4.235	1.177E-10	26.503	5.301	2.308E-10	26.434	5.287	2.290E-10	31.611	6.322	3.916E-10
49	28.602	5.720	2.901E-10	21.600	4.320	1.250E-10	29.071	5.814	3.046E-10	19.504	3.901	9.199E-11	21.983	4.397	1.317E-10	23.604	4.721	1.631E-10	33.171	6.634	4.526E-10	20.704	4.141	1.100E-10	29.939	5.988	3.327E-10
50	26.626	5.325	2.340E-10	28.278	5.656	2.804E-10	23.258	4.652	1.560E-10	18.272	3.654	7.564E-11	24.002	4.800	1.715E-10	29.564	5.913	3.204E-10	18.691	3.738	8.096E-11	22.945	4.589	1.498E-10	10.018	2.004	1.247E-11
51	26.615	5.323	2.338E-10	18.286	3.657	7.581E-11	24.427	4.885	1.807E-10	25.757	5.151	2.119E-10	22.983	4.597	1.505E-10	26.892	5.378	2.411E-10	24.446	4.889	1.811E-10	32.907	6.581	4.418E-10	26.961	5.392	2.430E-10
52	25.116	5.023	1.964E-10	28.638	5.728	2.912E-10	30.243	6.049	3.430E-10	20.436	4.087	1.058E-10	27.764	5.553	2.654E-10	27.739	5.548	2.646E-10	22.898	4.580	1.489E-10	23.690	4.738	1.648E-10	22.500	4.500	1.412E-10
53	27.712	5.542	2.639E-10	10.839	2.168	1.579E-11	25.995	5.199	2.178E-10	21.435	4.287	1.221E-10	37.310	7.462	6.440E-10	21.676	4.335	1.263E-10	11.454	2.291	1.863E-11	30.410	6.082	3.487E-10	22.069	4.414	1.333E-10
54	14.036	2.807	3.429E-11	31.460	6.292	3.861E-10	30.649	6.130	3.570E-10	23.080	4.616	1.524E-10	37.195	7.439	6.380E-10	26.069	5.214	2.197E-10	21.318	4.264	1.201E-10	22.552	4.510	1.422E-10	20.097	4.019	1.006E-10
55	11.760	2.352	2.016E-11	24.272	4.854	1.773E-10	25.677	5.135	2.099E-10	34.999	7.000	5.316E-10	22.462	4.492	1.405E-10	10.136	2.027	1.291E-11	23.670	4.734	1.644E-10	24.301	4.860	1.779E-10	31.394	6.279	3.837E-10
56	24.428	4.886	1.807E-10	28.212	5.642	2.784E-10	32.027	6.405	4.073E-10	24.381	4.876	1.797E-10	31.762	6.352	3.973E-10	12.580	2.516	2.468E-11	23.640	4.728	1.638E-10	10.083	2.017	1.271E-11	22.298	4.460	1.375E-10
57	11.440	2.288	1.857E-11	29.756	5.951	3.267E-10	30.007	6.001	3.350E-10	15.886	3.177	4.971E-11	27.517	5.503	2.583E-10	13.570	2.714	3.098E-11	20.795	4.159	1.115E-10	24.532	4.906	1.831E-10	30.107	6.021	3.384E-10
58	36.020	7.204	5.794E-10	21.843	4.369	1.292E-10	16.448	3.290	5.518E-11	29.867	5.973	3.303E-10	27.198	5.440	2.495E-10	20.577	4.115	1.080E-10	26.711	5.342	2.363E-10	24.378	4.876	1.796E-10	20.358	4.072	1.046E-10
59	24.199	4.840	1.757E-10	24.599	4.920	1.846E-10	21.110	4.222	1.166E-10	22.342	4.468	1.383E-10	26.644	5.329	2.345E-10	23.248	4.650	1.558E-10	29.801	5.960	3.282E-10	22.024	4.405	1.325E-10	19.147	3.829	8.704E-11
60	24.907	4.981	1.916E-10	14.233	2.847	3.575E-11	15.781	3.156	4.873E-11	34.342	6.868	5.022E-10	29.645	5.929	3.230E-10	22.013	4.403	1.323E-10	31.954	6.391	4.045E-10	29.774	5.955	3.273E-10	26.886	5.377	2.410E-10
61	34.427	6.885	5.059E-10	22.586	4.517	1.429E-10	30.058	6.012	3.367E-10	31.756	6.351	3.971E-10	33.139	6.628	4.513E-10	24.723	4.945	1.874E-10	23.596	4.719	1.629E-10	18.334	3.667	7.641E-11	17.751	3.550	6.935E-11
62	24.890	4.978	1.912E-10	33.576	6.715	4.693E-10	24.833	4.967	1.899E-10	26.570	5.314	2.326E-10	20.968	4.194	1.143E-10	18.195	3.639	7.469E-11	22.064	4.413	1.332E-10	18.272	3.654	7.563E-11	21.617	4.323	1.253E-10
63	24.312	4.862	1.782E-10	25.931	5.186	2.162E-10	20.179	4.036	1.019E-10	31.533	6.307	3.888E-10	22.594	4.519	1.430E-10	30.170	6.034	3.405E-10	26.085	5.217	2.201E-10	24.907	4.981	1.916E-10	26.007	5.201	2.181E-10
64	30.044	6.009	3.363E-10	36.484	7.297	6.022E-10	19.447	3.889	9.120E-11	10.221	2.044	1.324E-11	29.821	5.964	3.288E-10	26.547	5.309	2.320E-10	22.284	4.457	1.372E-10	22.996	4.599	1.508E-10	30.281	6.056	3.443E-10
65	27.294	5.459	2.521E-10	21.620	4.324	1.253E-10	26.695	5.339	2.359E-10	23.337	4.667	1.576E-10	23.500	4.700	1.609E-10	34.730	6.946	5.194E-10	32.134	6.427	4.114E-10	22.676	4.535	1.446E-10	27.549	5.510	2.593E-10
66	23.066	4.613	1.522E-10	19.832	3.966	9.671E-11	20.559	4.112	1.077E-10	29.467	5.893	3.173E-10	26.057	5.211	2.194E-10	22.103	4.421	1.339E-10	26.768	5.354	2.378E-10	32.143	6.429	4.118E-10	22.640	4.528	1.439E-10
67	32.167	6.433	4.127E-10	16.384	3.277	5.453E-11	21.673	4.335	1.262E-10	20.982	4.196	1.145E-10	25.806	5.161	2.131E-10	26.863	5.373	2.403E-10	23.471	4.694	1.603E-10	15.978	3.196	5.058E-11	27.188	5.438	2.492E-10
68	31.264	6.253	3.789E-10	23.695	4.739	1.649E-10	28.301	5.660	2.811E-10	26.432	5.286	2.290E-10	33.821	6.764	4.797E-10	15.838	3.168	4.926E-11	23.718	4.744	1.654E-10	21.219	4.244	1.185E-10	34.925	6.985	5.282E-10
69	25.989	5.198	2.177E-10	19.039	3.808	8.557E-11	22.683	4.537	1.447E-10	31.346	6.269	3.819E-10	29.795	5.959	3.280E-10	28.419	5.684	2.846E-10	16.454	3.291	5.523E-11	29.929	5.986	3.324E-10	20.949	4.190	1.140E-10
70	14.873	2.975	4.079E-11	24.173	4.835	1.751E-10	28.220	5.644	2.787E-10	20.859	4.172	1.125E-10	27.856	5.571	2.680E-10	33.345	6.669	4.597E-10	30.394	6.079	3.482E-10	11.250	2.250	1.766E-11	29.381	5.876	3.145E-10
71	20.655	4.131	1.093E-10	30.646	6.129	3.569E-10	23.196	4.439	1.548E-10	40.886	8.177	8.475E-10	23.204	4.641	1.549E-10	23.053	4.611	1.519E-10	22.670	4.534	1.445E-10	28.273	5.655	2.802E-10	19.732	3.946	9.526E-11
72	80.831	16.166	6.548E-09	22.302	4.460	1.375E-10	19.165	3.833	8.728E-11	23.339	4.668	1.576E-10	27.644	5.529	2.619E-10	22.174	4.435	1.352E-10	15.430	3.086	4.555E-11	11.187	2.237	1.736E-11	18.565	3.713	7.933E-11
73	12.894	2.579	2.658E-11	24.954	4.991	1.927E-10	24.259	4.852	1.770E-10	33.417	6.683	4.627E-10	27.251	5.450	2.509E-10	12.127	2.425	2.212E-11	30.704	6.141	3.589E-10	16.809	3.362	5.888E-11	17.868	3.574	7.073E-11
74	37.979	7.596	6.792E-10	10.810	2.162	1.566E-11	23.334	4.667	1.575E-10	31.398	6.280	3.838E-10	12.190	2.438	2.246E-11	27.266	5.453	2.513E-10	22.657	4.531	1.442E-10	15.931	3.186	5.013E-11	32.008	6.402	4.066E-10
75	15.988	3.198	5.067E-11	21.965	4.393	1.314E-10	22.359	4.472	1.386E-10	13.496	2.699	3.048E-11	26.981	5.396	2.435E-10	28.846	5.769	2.976E-10	29.000	5.800	3.024E-10	27.582	5.516	2.602E-10	25.213	5.043	1.987E-10
76	18.542	3.708	7.904E-11	34.708	6.942	5.184E-10	22.398	4.480	1.393E-10	26.416	5.828	2.286E-10	29.231	5.846	3.097E-10	14.600	2.920	3.858E-11	25.830	5.166	2.137E-10	11.499	2.300	1.885E-11	25.708	5.142	2.107E-10
77	25.231	5.046	1.991E-10	21.178	4.236	1.178E-10	32.942	6.588	4.432E-10	32.862	6.572	4.400E-10	26.775	5.355	2.380E-10	25.807	5.161	2.131E-10	26.011	5.202	2.182E-10	12.467					

Data: Flyover 2 - Span 9 (34.75 m) - IG-03																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000		SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
105	29.470	5.894	3.173E-10	21.860	4.372	1.295E-10	24.781	4.956	1.887E-10	23.563	4.713	1.622E-10	30.195	6.039	3.414E-10	30.737	6.147	3.601E-10	25.268	5.054	2.000E-10	32.769	6.554	4.363E-10	21.469	4.294	1.227E-10
106	30.280	6.056	3.442E-10	24.172	4.834	1.751E-10	21.291	4.258	1.197E-10	21.911	4.382	1.304E-10	25.951	5.190	2.182E-10	26.010	5.202	2.182E-10	10.714	2.143	1.525E-11	28.520	5.704	2.876E-10	14.104	2.821	3.479E-11
107	28.955	5.791	3.010E-10	20.484	4.097	1.066E-10	28.544	5.709	2.884E-10	29.134	5.827	3.066E-10	11.264	2.253	1.772E-11	17.899	3.580	7.110E-11	23.992	4.798	1.712E-10	13.977	2.795	3.385E-11	19.246	3.849	8.840E-11
108	23.981	4.796	1.710E-10	57.511	11.502	2.359E-09	26.797	5.359	2.386E-10	26.837	5.367	2.396E-10	27.584	5.517	2.602E-10	25.191	5.038	1.982E-10	12.704	2.541	2.542E-11	23.784	4.757	1.668E-10	29.098	5.820	3.055E-10
109				25.964	5.193	2.170E-10	23.179	4.636	1.544E-10	15.389	3.078	4.518E-11	10.232	2.046	1.328E-11	16.422	3.284	5.491E-11	21.716	4.343	1.270E-10	16.066	3.213	5.142E-11	25.444	5.089	2.042E-10
110				21.012	4.202	1.150E-10	20.665	4.133	1.094E-10	20.419	4.084	1.056E-10	20.713	4.143	1.102E-10	22.478	4.496	1.408E-10	19.823	3.965	9.658E-11	14.780	2.956	4.003E-11	28.423	5.685	2.847E-10
111				55.564	11.113	2.127E-09	26.755	5.351	2.375E-10	16.112	3.222	5.186E-11	33.887	6.777	4.825E-10	22.967	4.593	1.502E-10	24.712	4.942	1.871E-10	21.295	4.259	1.197E-10	16.996	3.399	6.088E-11
112				12.758	2.552	2.575E-11	27.984	5.597	2.717E-10	20.359	4.072	1.046E-10	23.034	4.607	1.515E-10	21.692	4.338	1.266E-10	18.437	3.687	7.771E-11	30.152	6.030	3.399E-10	21.241	4.248	1.188E-10
113				28.156	5.631	2.768E-10	14.043	2.809	3.434E-11	26.450	5.290	2.294E-10	21.984	4.397	1.317E-10	10.701	2.140	1.519E-11	19.679	3.936	9.449E-11	20.339	4.068	1.043E-10	22.270	4.454	1.369E-10
114				18.630	3.726	8.017E-11	23.180	4.636	1.544E-10	27.913	5.583	2.697E-10	14.719	2.944	3.954E-11	33.684	6.737	4.739E-10	24.048	4.810	1.724E-10	16.273	3.255	5.343E-11	13.413	2.683	2.992E-11
115				30.809	6.162	3.626E-10	28.404	5.681	2.841E-10	31.042	6.208	3.709E-10	24.542	4.908	1.833E-10	13.903	2.781	3.332E-11	29.524	5.905	3.191E-10	18.335	3.667	7.642E-11	64.737	12.947	3.364E-09
116				22.975	4.595	1.504E-10	30.302	6.060	3.450E-10	24.656	4.931	1.859E-10	21.422	4.284	1.219E-10	19.469	3.894	1.505E-11	27.650	5.530	2.621E-10	13.429	2.686	3.003E-11	19.994	3.999	9.911E-11
117				20.293	4.059	1.036E-10	22.675	4.535	1.446E-10	10.857	2.171	1.587E-11	26.200	5.240	2.230E-10	18.576	3.715	7.948E-11	18.546	3.709	7.909E-11	27.424	5.485	2.557E-10	31.060	6.212	3.715E-10
118				29.759	5.952	3.268E-10	16.551	3.310	5.622E-11	27.519	5.504	2.584E-10	22.661	4.532	1.443E-10	10.337	2.067	1.370E-11	21.109	4.222	1.166E-10	20.053	4.011	9.998E-11	20.941	4.188	1.139E-10
119				25.791	5.158	2.127E-10	23.313	4.663	1.571E-10	26.536	5.307	2.317E-10	13.024	2.605	2.739E-11	18.452	3.690	7.790E-11	21.563	4.313	1.243E-10	27.366	5.473	2.541E-10	15.374	3.075	4.505E-11
120				25.341	5.068	2.018E-10	58.922	11.784	2.536E-09	45.846	9.169	1.195E-09	96.759	19.352	1.123E-08	66.213	13.243	3.599E-09	27.368	5.474	2.542E-10	10.066	2.013	1.265E-11	16.613	3.323	5.685E-11
121				21.346	4.269	1.206E-10	34.897	6.979	5.269E-10	24.904	4.981	1.915E-10	16.245	3.249	5.316E-11	28.894	5.779	2.991E-10	20.694	4.139	1.099E-10	21.060	4.212	1.158E-10	27.079	5.416	2.462E-10
122				15.501	3.100	4.618E-11	22.471	4.494	1.407E-10	23.655	4.731	1.641E-10	25.084	5.017	1.957E-10	21.946	4.389	1.310E-10	12.888	2.578	2.654E-11	31.010	6.202	3.697E-10	29.227	5.845	3.096E-10
123				23.314	4.663	1.571E-10	13.214	2.643	2.861E-11	33.082	6.616	4.489E-10	58.950	11.790	2.540E-09	24.268	4.854	1.772E-10	28.792	5.758	2.959E-10	22.737	4.547	1.457E-10	24.803	4.961	1.892E-10
124				11.066	2.213	1.680E-11	34.911	6.982	5.276E-10	25.519	5.104	2.061E-10	31.725	6.345	3.959E-10	20.892	4.178	1.131E-10	19.333	3.867	8.959E-11	25.104	5.021	1.962E-10	27.970	5.594	2.713E-10
125				18.973	3.795	8.468E-11	23.127	4.625	1.534E-10	61.809	12.362	2.928E-09	46.334	9.267	1.233E-09	25.214	5.043	1.988E-10	29.820	5.964	3.288E-10	11.250	2.250	1.765E-11	19.151	3.830	8.709E-11
126				109.637	21.927	1.634E-08	29.192	5.838	3.085E-10	22.731	4.546	1.456E-10	21.290	4.258	1.196E-10	24.219	4.844	1.761E-10	10.059	2.012	1.262E-11	24.336	4.867	1.787E-10	18.801	3.760	8.240E-11
127				18.000	3.600	7.231E-11	20.826	4.165	1.120E-10	22.001	4.400	1.320E-10	25.331	5.066	2.015E-10	24.257	4.851	1.770E-10	10.467	2.093	1.422E-11	22.522	4.504	1.417E-10	23.001	4.600	1.509E-10
128				51.117	10.223	1.656E-09	26.587	5.317	2.330E-10	20.260	4.052	1.031E-10	20.967	4.193	1.143E-10	22.932	4.586	1.495E-10	27.723	5.545	2.642E-10	16.354	3.271	5.423E-11	20.719	4.144	1.103E-10
129				34.750	6.950	5.203E-10	50.613	10.123	1.608E-09	109.863	21.973	1.644E-08	88.266	17.653	8.526E-09	18.862	3.772	8.320E-11	27.984	5.597	2.717E-10	12.083	2.417	2.187E-11	26.008	5.202	2.181E-10
130				25.308	5.062	2.010E-10	18.926	3.785	8.406E-11	25.762	5.152	2.120E-10	26.506	5.301	2.309E-10	70.091	14.018	4.269E-09	21.005	4.201	1.149E-10	18.688	3.738	8.092E-11	14.220	2.844	3.655E-11
131				20.406	4.081	1.054E-10	26.857	5.371	2.402E-10	26.122	5.224	2.210E-10	49.255	9.851	1.482E-09	31.139	6.228	3.744E-10	26.506	5.301	2.309E-10	21.304	4.261	1.199E-10	21.770	4.354	1.279E-10
132				-11.751	0.000	0.000E+00	21.564	4.313	1.243E-10	29.258	5.852	3.105E-10	31.234	6.247	3.778E-10	22.190	4.438	1.355E-10	28.479	5.696	2.864E-10	28.840	5.768	2.974E-10	29.682	5.936	3.242E-10
133				27.813	5.563	2.668E-10	21.284	4.257	1.196E-10	20.682	4.136	1.097E-10	22.771	4.554	1.464E-10	22.546	4.509	1.421E-10	26.832	5.366	2.395E-10	25.975	5.195	2.173E-10	29.267	5.853	3.108E-10
134				12.432	2.486	2.382E-11	28.526	5.705	2.878E-10	26.047	5.209	2.191E-10	22.899	4.580	1.489E-10	31.067	6.213	3.718E-10	44.269	8.854	1.076E-09	27.175	5.435	2.488E-10	28.362	5.672	2.829E-10
135				33.143	6.629	4.514E-10	26.429	5.286	2.289E-10	25.997	5.199	2.179E-10	27.056	5.411	2.456E-10	20.104	4.021	1.008E-10	12.150	2.430	2.224E-11	26.643	5.329	2.345E-10	21.495	4.299	1.231E-10
136				12.989	2.598	2.717E-11	25.158	5.032	1.974E-10	22.881	4.576	1.485E-10	22.765	4.553	1.												

Data: Flyover 2 - Span 9 (34.75 m) - IG-03																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
162				21.106	4.221	1.166E-10	26.906	5.381	2.415E-10	22.581	4.516	1.428E-10	13.404	2.681	2.986E-11	17.872	3.574	7.078E-11	12.907	2.581	2.666E-11	29.999	6.000	3.347E-10	35.738	7.148	5.659E-10
163				26.984	5.397	2.436E-10	26.397	5.279	2.281E-10	27.098	5.420	2.467E-10	33.116	6.623	4.503E-10	32.329	6.466	4.189E-10	25.589	5.118	2.078E-10	27.809	5.562	2.666E-10	28.533	5.707	2.880E-10
164				10.662	2.132	1.503E-11	14.699	2.940	3.938E-11	99.894	19.979	1.236E-08	21.672	4.334	1.262E-10	21.792	4.358	1.283E-10	14.374	2.875	3.682E-11	30.968	6.194	3.682E-10	12.322	2.464	2.320E-11
165				11.062	2.212	1.678E-11	22.682	4.536	1.447E-10	31.705	6.341	3.952E-10	34.308	6.862	5.007E-10	14.989	2.998	4.176E-11	22.840	4.568	1.477E-10	14.331	2.866	3.649E-11	10.279	2.056	1.347E-11
166				25.834	5.167	2.138E-10	23.548	4.710	1.619E-10	25.364	5.073	2.023E-10	30.083	6.017	3.376E-10	22.619	4.524	1.435E-10	19.786	3.957	9.604E-11	21.762	4.352	1.278E-10	19.441	3.888	9.111E-11
167				21.443	4.289	1.222E-10	23.557	4.711	1.621E-10	18.460	3.692	7.800E-11	28.024	5.605	2.729E-10	27.145	5.429	2.480E-10	29.679	5.936	3.241E-10	10.183	2.037	1.309E-11	24.144	4.829	1.745E-10
168				49.507	9.901	1.504E-09	27.660	5.532	2.624E-10	24.138	4.828	1.744E-10	10.786	2.157	1.556E-11	20.444	4.089	1.059E-10	22.494	4.499	1.411E-10	18.871	3.774	8.332E-11	32.259	6.452	4.162E-10
169				100.471	20.094	1.257E-08	21.117	4.223	1.168E-10	23.055	4.611	1.519E-10	20.252	4.050	1.030E-10	14.781	2.956	4.004E-11	11.560	2.312	1.915E-11	25.487	5.097	2.053E-10	24.224	4.845	1.762E-10
170				34.946	6.989	5.291E-10	21.443	4.289	1.222E-10	30.425	6.085	3.492E-10	23.086	4.617	1.526E-10	17.108	3.422	6.208E-11	11.625	2.325	1.948E-11	32.028	6.406	4.074E-10	39.425	7.885	7.598E-10
171				10.813	2.163	1.568E-11	10.723	2.145	1.529E-11	21.537	4.307	1.239E-10	18.197	3.639	7.471E-11	34.905	6.981	5.273E-10	105.629	21.126	1.461E-08	16.066	3.213	5.142E-11	11.123	2.225	1.706E-11
172				19.951	3.990	9.846E-11	100.899	20.180	1.274E-08	115.214	23.043	1.896E-08	15.168	3.034	4.327E-11	11.087	2.217	1.690E-11	17.671	3.534	6.842E-11	19.746	3.949	9.547E-11	12.096	2.419	2.194E-11
173				28.989	5.798	3.021E-10	19.256	3.851	8.853E-11	105.787	21.157	1.468E-08	20.363	4.073	1.047E-10	20.229	4.046	1.026E-10	21.779	4.356	1.281E-10	22.224	4.445	1.361E-10	33.118	6.624	4.504E-10
174				48.432	9.686	1.409E-09	31.377	6.275	3.830E-10	11.154	2.231	1.721E-11	19.275	3.855	8.879E-11	24.112	4.822	1.738E-10	24.411	4.882	1.804E-10	28.973	5.795	3.015E-10	26.603	5.321	2.334E-10
175				30.611	6.122	3.557E-10	20.646	4.129	1.091E-10	30.490	6.098	3.514E-10	35.219	7.044	5.417E-10	22.541	4.508	1.420E-10	21.688	4.338	1.265E-10	12.141	2.428	2.219E-11	33.039	6.608	4.472E-10
176				28.978	5.796	3.017E-10	24.276	4.855	1.774E-10	23.885	4.777	1.690E-10	32.991	6.598	4.452E-10	24.622	4.924	1.851E-10	10.549	2.110	1.455E-11	113.525	22.705	1.814E-08	26.903	5.381	2.414E-10
177				24.407	4.881	1.803E-10	32.508	6.502	4.259E-10	16.938	3.388	6.026E-11	26.519	5.304	2.312E-10	30.548	6.110	3.535E-10	24.823	4.965	1.896E-10	18.946	3.789	8.432E-11	24.844	4.969	1.901E-10
178				20.114	4.023	1.009E-10	81.445	16.289	6.699E-09	16.524	3.305	5.594E-11	10.213	2.043	1.321E-11	15.750	3.150	4.844E-11	20.568	4.114	1.079E-10	52.114	10.423	1.755E-09	21.224	4.245	1.185E-10
179				19.983	3.997	9.895E-11	27.204	5.441	2.496E-10	27.491	5.498	2.576E-10	24.848	4.970	1.902E-10	31.470	6.294	3.864E-10	30.611	6.122	3.557E-10	16.104	3.221	5.178E-11	18.088	3.618	7.338E-11
180				25.389	5.078	2.029E-10	19.042	3.808	8.561E-11	22.431	4.486	1.399E-10	23.528	4.706	1.615E-10	102.768	20.554	1.346E-08	31.079	6.216	3.722E-10	36.613	7.323	6.085E-10	16.893	3.379	5.977E-11
181				100.199	20.040	1.247E-08	28.031	5.606	2.731E-10	19.188	3.838	8.760E-11	25.502	5.100	2.056E-10	30.150	6.030	3.398E-10	23.947	4.789	1.703E-10	24.073	4.815	1.730E-10	21.092	4.218	1.163E-10
182				-12.713	0.000	0.000E+00	25.498	5.100	2.055E-10	17.507	3.501	6.654E-11	16.652	3.330	5.725E-11	22.668	4.534	1.444E-10	28.830	5.766	2.971E-10	30.968	6.194	3.683E-10	24.733	4.947	1.876E-10
183				29.513	5.903	3.187E-10	26.248	5.250	2.242E-10	48.230	9.646	1.391E-09	27.582	5.516	2.602E-10	26.348	5.270	2.268E-10	26.821	5.364	2.392E-10	20.814	4.163	1.118E-10	18.678	3.736	8.080E-11
184				28.897	5.779	2.992E-10	25.064	5.013	1.952E-10	17.398	3.480	6.530E-11	28.734	5.747	2.942E-10	12.404	2.481	2.367E-11	27.584	5.517	2.602E-10	17.893	3.579	7.103E-11	26.447	5.289	2.294E-10
185				23.360	4.672	1.581E-10	10.410	2.082	1.399E-11	95.696	19.139	1.087E-08	25.783	5.157	2.125E-10	29.651	5.930	3.232E-10	10.790	2.158	1.558E-11	29.812	5.962	3.285E-10	22.594	4.519	1.430E-10
186				27.224	5.445	2.502E-10	26.821	5.364	2.392E-10	30.937	6.187	3.671E-10	22.625	4.525	1.436E-10	22.517	4.503	1.416E-10	27.090	5.418	2.465E-10	10.452	2.090	1.416E-11	22.640	4.528	1.439E-10
187				16.469	3.294	5.539E-11	24.290	4.858	1.777E-10	18.877	3.775	8.340E-11	28.548	5.710	2.885E-10	27.491	5.498	2.576E-10	26.430	5.286	2.289E-10	25.577	5.115	2.075E-10	15.934	3.187	5.016E-11
188				25.503	5.101	2.057E-10	58.901	11.780	2.534E-09	13.726	2.745	3.207E-11	14.346	2.869	3.661E-11	16.975	3.395	6.065E-11	16.592	3.318	5.663E-11	19.682	3.936	9.453E-11	17.742	3.548	6.925E-11
189				15.972	3.194	5.052E-11	26.127	5.225	2.211E-10	11.378	2.276	1.827E-11	20.760	4.152	1.109E-10	31.631	6.326	3.924E-10	25.090	5.018	1.958E-10	23.302	4.660	1.569E-10	11.714	2.343	1.993E-11
190				21.924	4.385	1.307E-10	13.564	2.713	3.094E-11	29.032	5.806	3.034E-10	18.182	3.636	7.453E-11	21.563	4.313	1.243E-10	26.098	5.220	2.204E-10	26.193	5.239	2.228E-10	27.755	5.551	2.651E-10
191				17.365	3.473	6.492E-11	30.111	6.022	3.385E-10	26.115	5.223	2.208E-10	31.237	6.247	3.779E-10	22.864	4.573	1.482E-10	24.899	4.980	1.914E-10	17.394	3.479	6.525E-11	11.370	2.274	1.823E-11
192				56.659	11.332	2.255E-09	-13.221	0.000	0.000E+00	24.033	4.807	1.721E-10	14.138	2.828	3.504E-11	27.989	5.598	2.719E-10	21.194	4.239	1.180E-10	20.644	4.129	1.091E-10	29.232	5.846	3.097E-10
193				96.737	19.347	1.122E-08	23.655	4.731	1.641E-10	10.666	2.133	1.505E-11	32.092	6.418	4.098E-10	22.195	4.439	1.356E-10	27.263	5.453	2.512E-1						

Data: Flyover 2 - Span 9 (34.75 m) - IG-03																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
219				51.024	10.205	1.647E-09	26.154	5.231	2.218E-10	15.135	3.027	4.299E-11	37.395	7.479	6.484E-10	18.247	3.649	7.533E-11	10.512	2.102	1.440E-11	24.769	4.954	1.884E-10	30.434	6.087	3.495E-10
220				22.265	4.453	1.369E-10	30.133	6.027	3.393E-10	12.942	2.588	2.688E-11	91.382	18.276	9.462E-09	57.804	11.561	2.395E-09	18.195	3.639	7.469E-11	26.701	5.340	2.360E-10	26.171	5.234	2.222E-10
221				28.757	5.751	2.949E-10	29.875	5.975	3.306E-10	23.028	4.606	1.514E-10	23.225	4.645	1.553E-10	10.607	2.121	1.480E-11	13.813	2.763	3.268E-11	15.652	3.130	4.754E-11	22.127	4.425	1.343E-10
222				23.250	4.650	1.558E-10	23.744	4.749	1.660E-10	23.822	4.764	1.676E-10	28.634	5.727	2.911E-10	24.221	4.844	1.762E-10	19.222	3.844	8.806E-11	24.557	4.911	1.836E-10	21.093	4.219	1.164E-10
223				22.786	4.557	1.467E-10	25.465	5.093	2.048E-10	25.036	5.007	1.946E-10	22.864	4.573	1.482E-10	24.940	4.988	1.923E-10	32.013	6.403	4.068E-10	24.990	4.998	1.935E-10	26.204	5.241	2.231E-10
224				17.286	3.457	6.404E-11	22.996	4.599	1.508E-10	27.984	5.597	2.717E-10	-13.407	0.000	0.000E+00	30.116	6.023	3.387E-10	15.093	3.019	4.263E-11	12.023	2.405	2.155E-11	15.171	3.034	4.329E-11
225				65.485	13.097	3.482E-09	23.299	4.660	1.568E-10	28.897	5.779	2.992E-10	13.566	2.713	3.096E-11	29.542	5.908	3.197E-10	12.697	2.539	2.538E-11	21.629	4.326	1.254E-10	34.081	6.816	4.908E-10
226				21.585	4.317	1.247E-10	30.767	6.153	3.611E-10	25.535	5.107	2.064E-10	27.764	5.553	2.654E-10	23.592	4.718	1.628E-10	12.841	2.568	2.625E-11	32.497	6.499	4.255E-10	45.706	9.141	1.184E-09
227				11.893	2.379	2.086E-11	54.727	10.945	2.032E-09	20.176	4.035	1.018E-10	10.062	2.012	1.263E-11	25.289	5.058	2.005E-10	19.688	3.938	9.462E-11	10.828	2.166	1.574E-11	26.838	5.368	2.397E-10
228				24.142	4.828	1.745E-10	27.986	5.597	2.718E-10	94.835	18.967	1.058E-08	23.068	4.614	1.522E-10	13.808	2.762	3.264E-11	21.949	4.390	1.311E-10	15.750	3.150	4.845E-11	32.029	6.406	4.074E-10
229				30.908	6.182	3.661E-10	21.104	4.221	1.165E-10	30.744	6.149	3.603E-10	23.448	4.690	1.598E-10	82.809	16.562	7.041E-09	25.365	5.073	2.023E-10	90.808	18.162	9.285E-09	22.791	4.558	1.468E-10
230				38.609	7.722	7.136E-10	22.045	4.409	1.328E-10	23.394	4.679	1.587E-10	30.653	6.131	3.571E-10	26.302	5.260	2.256E-10	13.796	2.759	3.255E-11	24.075	4.815	1.730E-10	20.952	4.190	1.140E-10
231				18.944	3.789	8.430E-11	19.984	3.997	9.895E-11	20.578	4.116	1.080E-10	29.837	5.967	3.293E-10	23.548	4.710	1.619E-10	22.531	4.506	1.418E-10	12.951	2.590	2.693E-11	32.415	6.483	4.223E-10
232				113.405	22.681	1.808E-08	19.435	3.887	9.102E-11	11.976	2.395	2.130E-11	24.954	4.991	1.927E-10	30.244	6.049	3.430E-10	24.603	4.921	1.847E-10	63.112	12.622	3.117E-09	25.569	5.114	2.073E-10
233				45.905	9.181	1.199E-09	23.442	4.688	1.597E-10	24.379	4.876	1.797E-10	10.484	2.097	1.429E-11	16.480	3.296	5.549E-11	40.408	8.082	8.180E-10	21.127	4.225	1.169E-10	24.685	4.937	1.865E-10
234				32.373	6.475	4.207E-10	21.913	4.383	1.305E-10	27.466	5.493	2.569E-10	28.602	5.720	2.901E-10	22.500	4.500	1.412E-10	27.200	5.440	2.495E-10	10.186	2.037	1.310E-11	28.313	5.663	2.814E-10
235				36.870	7.374	6.215E-10	29.537	5.907	3.195E-10	11.387	2.277	1.830E-11	10.081	2.016	1.270E-11	31.905	6.381	4.027E-10	32.029	6.406	4.074E-10	20.364	4.073	1.047E-10	28.227	5.645	2.789E-10
236				25.979	5.196	2.174E-10	24.033	4.807	1.721E-10	11.058	2.212	1.677E-11	25.213	5.043	1.987E-10	30.396	6.079	3.482E-10	22.289	4.458	1.373E-10	26.503	5.301	2.308E-10	30.295	6.059	3.447E-10
237				29.552	5.910	3.200E-10	25.401	5.080	2.032E-10	27.920	5.584	2.698E-10	30.952	6.190	3.677E-10	17.094	3.419	6.194E-11	24.215	4.843	1.761E-10	14.175	2.835	3.531E-11	30.460	6.092	3.504E-10
238				30.150	6.030	3.398E-10	22.924	4.585	1.494E-10	50.655	10.131	1.612E-09	24.185	4.837	1.754E-10	31.125	6.225	3.739E-10	51.677	10.335	1.711E-09	21.832	4.366	1.290E-10	20.934	4.187	1.138E-10
239				10.163	2.033	1.302E-11	11.140	2.228	1.714E-11	28.277	5.655	2.803E-10	26.500	5.300	2.307E-10	27.786	5.557	2.660E-10	18.247	3.649	7.533E-11	26.048	5.210	2.191E-10	26.443	5.289	2.293E-10
240				33.505	6.701	4.664E-10	16.609	3.322	5.681E-11	13.638	2.728	3.145E-11	17.765	3.553	6.952E-11	19.996	3.999	9.913E-11	26.566	5.313	2.325E-10	27.224	5.445	2.502E-10	19.216	3.843	8.798E-11
241				56.822	11.364	2.275E-09	-15.004	0.000	0.000E+00	25.759	5.152	2.119E-10	25.673	5.135	2.098E-10	23.205	4.641	1.549E-10	20.847	4.169	1.123E-10	29.197	5.839	3.086E-10	28.495	5.699	2.869E-10
242				22.844	4.569	1.478E-10	20.069	4.014	1.002E-10	27.364	5.473	2.541E-10	33.085	6.617	4.491E-10	24.606	4.921	1.847E-10	10.377	2.075	1.386E-11	30.307	6.061	3.451E-10	26.105	5.221	2.206E-10
243				34.083	6.817	4.909E-10	26.152	5.230	2.218E-10	24.424	4.885	1.807E-10	25.746	5.149	2.116E-10	25.288	5.058	2.005E-10	24.529	4.906	1.830E-10	21.777	4.355	1.280E-10	24.847	4.969	1.902E-10
244				35.566	7.113	5.578E-10	21.062	4.212	1.158E-10	32.228	6.446	4.150E-10	25.559	5.112	2.070E-10	25.652	5.130	2.093E-10	67.609	13.522	3.832E-09	23.485	4.697	1.606E-10	28.537	5.707	2.882E-10
245				30.150	6.030	3.398E-10	24.954	4.991	1.927E-10	23.861	4.772	1.684E-10	28.501	5.700	2.871E-10	26.663	5.333	2.350E-10	28.128	5.626	2.759E-10	19.301	3.860	8.915E-11	31.639	6.328	3.927E-10
246				29.542	5.908	3.197E-10	26.983	5.397	2.436E-10	45.600	9.120	1.176E-09	88.243	17.649	8.520E-09	25.107	5.021	1.962E-10	29.876	5.975	3.306E-10	31.029	6.206	3.704E-10	21.834	4.367	1.291E-10
247				123.736	24.747	2.349E-08	24.913	4.983	1.917E-10	106.613	21.323	1.503E-08	27.887	5.577	2.689E-10	32.193	6.439	4.137E-10	25.559	5.112	2.070E-10	10.823	2.165	1.572E-11	31.393	6.279	3.836E-10
248				29.709	5.942	3.251E-10	20.208	4.042	1.023E-10	25.594	5.119	2.079E-10	11.707	2.341	1.990E-11	29.889	5.978	3.311E-10	19.863	3.973	9.717E-11	29.231	5.846	3.097E-10	19.596	3.919	9.330E-11
249				36.490	7.298	6.024E-10	10.225	2.045	1.326E-11	27.496	5.499	2.577E-10	10.984	2.197	1.643E-11	19.053	3.811	8.576E-11	26.062	5.212	2.195E-10	25.794	5.159	2.128E-10	25.382	5.076	2.027E-10
250				10.387	2.077	1.389E-11	10.441	2.088	1.411E-11	25.486	5.097	2.053E-10	21.332	4.266	1.204E-10	30.900	6.180	3.658E-10	29.766	5.953	3.270E-10	10.03.7					

Data: Flyover 2 - Span 9 (34.75 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
276				18.619	3.724	8.003E-11	26.642	5.328	2.345E-10	18.618	3.724	8.001E-11	22.929	4.586	1.495E-10	25.241	5.048	1.994E-10	19.409	3.882	9.066E-11	17.361	3.472	6.488E-11	26.115	5.223	2.208E-10
277				28.314	5.663	2.815E-10	31.081	6.216	3.723E-10	21.479	4.296	1.229E-10	34.202	6.840	4.961E-10	17.847	3.569	7.048E-11	-13.823	0.000	0.000E+00	26.384	5.277	2.277E-10	28.906	5.781	2.995E-10
278				91.085	18.217	9.370E-09	21.671	4.334	1.262E-10	31.759	6.352	3.972E-10	23.190	4.638	1.546E-10	25.781	5.156	2.125E-10	20.838	4.168	1.122E-10	32.892	6.578	4.412E-10	22.117	4.423	1.341E-10
279				28.795	5.759	2.960E-10	10.268	2.054	1.342E-11	28.050	5.610	2.736E-10	27.782	5.556	2.659E-10	33.374	6.675	4.609E-10	32.796	6.559	4.374E-10	20.594	4.119	1.083E-10	25.752	5.150	2.117E-10
280				27.498	5.500	2.578E-10	32.176	6.435	4.130E-10	30.936	6.187	3.671E-10	24.053	4.811	1.725E-10	23.980	4.796	1.710E-10	23.984	4.797	1.711E-10	26.934	5.387	2.423E-10	25.416	5.083	2.036E-10
281				13.478	2.696	3.036E-11	28.868	5.774	2.983E-10	21.311	4.262	1.200E-10	29.158	5.832	3.074E-10	25.639	5.128	2.090E-10	21.937	4.387	1.309E-10	24.921	4.984	1.919E-10	23.846	4.769	1.681E-10
282				13.328	2.666	2.936E-11	21.374	4.275	1.211E-10	23.060	4.612	1.520E-10	27.999	5.600	2.721E-10	32.510	6.502	4.260E-10	28.806	5.761	2.964E-10	20.208	4.042	1.023E-10	26.613	5.323	2.337E-10
283				96.304	19.261	1.107E-08	28.279	5.656	2.804E-10	27.979	5.596	2.716E-10	12.388	2.478	2.357E-11	25.608	5.122	2.082E-10	24.616	4.923	1.850E-10	45.583	9.117	1.174E-09	22.725	4.545	1.455E-10
284				21.605	4.321	1.250E-10	12.401	2.480	2.365E-11	11.068	2.214	1.681E-11	28.029	5.606	2.730E-10	32.048	6.410	4.081E-10	25.095	5.019	1.960E-10	19.962	3.992	9.863E-11	22.769	4.554	1.464E-10
285				44.171	8.834	1.069E-09	15.927	3.185	5.010E-11	26.183	5.237	2.226E-10	31.600	6.320	3.912E-10	31.568	6.314	3.901E-10	29.800	5.960	3.281E-10	31.730	6.346	3.961E-10	23.631	4.726	1.636E-10
286				17.210	3.442	6.320E-11	10.128	2.026	1.288E-11	20.921	4.184	1.135E-10	32.568	6.514	4.283E-10	28.890	5.778	2.990E-10	26.230	5.246	2.238E-10	28.385	5.677	2.836E-10	27.929	5.586	2.701E-10
287				28.163	5.633	2.770E-10	26.626	5.325	2.340E-10	30.372	6.074	3.474E-10	32.900	6.580	4.416E-10	28.137	5.627	2.762E-10	26.957	5.391	2.429E-10	26.108	5.222	2.207E-10	20.551	4.110	1.076E-10
288				13.042	2.608	2.750E-11	24.365	4.873	1.793E-10	27.561	5.512	2.596E-10	12.977	2.595	2.710E-11	28.800	5.760	2.962E-10	23.311	4.662	1.571E-10	25.381	5.076	2.027E-10	32.080	6.416	4.093E-10
289				31.263	6.253	3.789E-10	22.660	4.532	1.443E-10	28.372	5.674	2.832E-10	37.840	7.568	6.718E-10	28.510	5.702	2.873E-10	24.060	4.812	1.727E-10	32.734	6.547	4.349E-10	22.178	4.436	1.353E-10
290				13.647	2.729	3.151E-11	31.865	6.373	4.012E-10	14.786	2.957	4.008E-11	28.213	5.643	2.784E-10	20.903	4.181	1.132E-10	10.177	2.035	1.307E-11	24.132	4.826	1.742E-10	31.413	6.283	3.843E-10
291				122.819	24.564	2.297E-08	21.728	4.346	1.272E-10	30.827	6.165	3.632E-10	31.944	6.389	4.042E-10	31.554	6.311	3.895E-10	21.400	4.280	1.215E-10	32.026	6.405	4.073E-10	28.106	5.621	2.753E-10
292				27.990	5.598	2.719E-10	24.230	4.846	1.764E-10	29.406	5.881	3.153E-10	34.293	6.859	5.000E-10	32.014	6.403	4.068E-10	26.066	5.213	2.196E-10	16.845	3.369	5.927E-11	25.234	5.047	1.992E-10
293				16.794	3.359	5.873E-11	30.611	6.122	3.556E-10	27.069	5.414	2.459E-10	35.444	7.089	5.521E-10	15.061	3.012	4.236E-11	30.343	6.069	3.464E-10	14.343	2.869	3.658E-11	19.360	3.872	8.997E-11
294				20.379	4.076	1.049E-10	17.486	3.497	6.629E-11	31.707	6.341	3.952E-10	27.609	5.522	2.610E-10	13.495	2.699	3.048E-11	10.540	2.108	1.452E-11	38.831	7.766	7.260E-10	11.193	2.239	1.739E-11
295				30.703	6.141	3.589E-10	26.273	5.255	2.249E-10	31.296	6.259	3.801E-10	21.281	4.256	1.195E-10	33.679	6.736	4.736E-10	31.018	6.204	3.700E-10	26.283	5.257	2.251E-10	45.173	9.035	1.143E-09
296				23.292	4.658	1.567E-10	24.399	4.880	1.801E-10	24.315	4.863	1.782E-10	21.261	4.252	1.192E-10	42.594	8.519	9.582E-10	25.743	5.149	2.115E-10	22.994	4.599	1.507E-10	25.242	5.048	1.994E-10
297				103.509	20.702	1.375E-08	22.216	4.443	1.359E-10	24.568	4.914	1.839E-10	22.329	4.466	1.380E-10	24.826	4.965	1.897E-10	10.821	2.164	1.571E-11	30.639	6.128	3.566E-10	21.490	4.298	1.231E-10
298				26.887	5.377	2.410E-10	13.957	2.791	3.371E-11	23.931	4.786	1.699E-10	31.262	6.252	3.788E-10	29.823	5.965	3.289E-10	33.146	6.629	4.515E-10	22.070	4.414	1.333E-10	28.296	5.659	2.809E-10
299				24.237	4.847	1.765E-10	29.713	5.943	3.253E-10	22.123	4.425	1.343E-10	26.980	5.396	2.435E-10	26.672	5.334	2.353E-10	33.659	6.732	4.728E-10	25.826	5.165	2.136E-10	41.553	8.311	8.896E-10
300				28.662	5.732	2.919E-10	33.368	6.674	4.606E-10	33.467	6.693	4.648E-10	31.122	6.224	3.737E-10	31.510	6.302	3.879E-10	25.497	5.099	2.055E-10	26.108	5.222	2.206E-10	24.817	4.963	1.895E-10
301				29.173	5.835	3.079E-10	35.905	7.181	5.739E-10	32.122	6.424	4.110E-10	24.412	4.882	1.804E-10	22.784	4.557	1.466E-10	37.042	7.408	6.302E-10	12.979	2.596	2.711E-11	23.925	4.785	1.698E-10
302				26.256	5.251	2.244E-10	24.343	4.869	1.789E-10	29.942	5.988	3.328E-10	25.590	5.118	2.078E-10	26.912	5.382	2.417E-10	26.206	5.241	2.232E-10	22.914	4.583	1.492E-10	46.164	9.233	1.220E-09
303				27.012	5.402	2.444E-10	17.191	3.438	6.299E-11	28.397	5.679	2.839E-10	30.819	6.164	3.629E-10	27.019	5.404	2.446E-10	28.824	5.765	2.969E-10	29.949	5.990	3.331E-10	22.805	4.561	1.471E-10
304				26.782	5.356	2.382E-10	17.361	3.472	6.488E-11	31.258	6.252	3.787E-10	50.012	10.002	1.551E-09	34.400	6.880	5.047E-10	35.261	7.052	5.436E-10	21.474	4.295	1.228E-10	27.688	5.538	2.632E-10
305				22.368	4.474	1.388E-10	19.195	3.839	8.769E-11	13.897	2.779	3.328E-11	27.981	5.596	2.716E-10	29.726	5.945	3.257E-10	31.041	6.208	3.709E-10	22.372	4.474	1.388E-10	28.507	5.701	2.872E-10
306				30.013	6.003	3.352E-10	20.214	4.043	1.024E-10	25.723	5.145	2.110E-10	26.051	5.210	2.192E-10	28.873	5.775	2.984E-10	26.682	5.336	2.355E-10	21.145	4.229	1.172E-10	33.723	6.745	4.755E-10
307				31.583	6.317	3.906E-10	11.706	2.341	1.989E-11	19.770	3.954	9.581E-11	25.661	5.132	2.095E-10	28.542	5.										

Data: Flyover 2 - Span 9 (34.75 m) - IG-03																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
333				30.551	6.110	3.536E-10				27.374	5.475	2.543E-10	10.932	2.186	1.620E-11	30.063	6.013	3.369E-10	12.292	2.458	2.303E-11	23.006	4.601	1.510E-10	27.975	5.595	2.715E-10
334				20.709	4.142	1.101E-10				26.705	5.341	2.361E-10	23.453	4.691	1.600E-10	30.646	6.129	3.569E-10	10.359	2.072	1.378E-11	23.257	4.651	1.560E-10	14.127	2.825	3.496E-11
335				25.010	5.002	1.940E-10				23.956	4.791	1.705E-10	25.306	5.061	2.009E-10	27.373	5.475	2.543E-10	23.779	4.756	1.667E-10	19.766	3.953	9.575E-11	23.784	4.757	1.668E-10
336				32.010	6.402	4.067E-10				27.197	5.439	2.494E-10	28.464	5.693	2.859E-10	10.215	2.043	1.322E-11	31.823	6.365	3.996E-10	30.519	6.104	3.524E-10	21.274	4.255	1.194E-10
337				27.050	5.410	2.454E-10				26.482	5.296	2.303E-10	23.319	4.664	1.572E-10	29.822	5.964	3.289E-10	30.776	6.155	3.614E-10	28.042	5.608	2.734E-10	22.146	4.429	1.347E-10
338				31.213	6.243	3.771E-10				39.466	7.893	7.622E-10	26.862	5.372	2.403E-10	15.917	3.183	5.000E-11	30.517	6.103	3.524E-10	81.381	16.276	6.683E-09	23.639	4.728	1.638E-10
339				21.595	4.319	1.249E-10				28.130	5.626	2.760E-10	11.039	2.208	1.668E-11	28.048	5.610	2.736E-10	28.354	5.671	2.826E-10	64.670	12.934	3.353E-09	74.401	14.880	5.107E-09
340				23.675	4.735	1.645E-10				12.908	2.582	2.666E-11	29.313	5.863	3.123E-10	12.110	2.422	2.202E-11	30.549	6.110	3.535E-10	21.722	4.344	1.271E-10	21.299	4.260	1.198E-10
341				101.997	20.399	1.316E-08				30.367	6.073	3.472E-10	16.609	3.322	5.681E-11	23.133	4.627	1.535E-10	21.737	4.347	1.273E-10	22.151	4.430	1.348E-10	30.601	6.120	3.553E-10
342				21.671	4.334	1.262E-10				11.590	2.318	1.930E-11	10.066	2.013	1.265E-11	53.699	10.740	1.920E-09	23.596	4.719	1.629E-10	32.416	6.483	4.223E-10	24.811	4.962	1.894E-10
343				26.440	5.288	2.292E-10				24.826	4.965	1.897E-10	25.368	5.074	2.024E-10	28.343	5.669	2.823E-10	23.477	4.695	1.604E-10	30.680	6.136	3.580E-10	12.236	2.447	2.271E-11
344				16.211	3.242	5.282E-11				27.589	5.518	2.604E-10	26.425	5.285	2.288E-10	25.359	5.072	2.022E-10	81.257	16.251	6.652E-09	20.757	4.151	1.109E-10	35.601	7.120	5.595E-10
345				18.969	3.794	8.464E-11				27.758	5.552	2.652E-10	12.884	2.577	2.652E-11	11.231	2.246	1.756E-11	25.843	5.169	2.140E-10	29.579	5.916	3.209E-10	30.920	6.184	3.665E-10
346				24.209	4.842	1.759E-10				30.188	6.038	3.411E-10	20.071	4.014	1.003E-10	16.376	3.275	5.445E-11	74.484	14.897	5.124E-09	27.244	5.449	2.507E-10	20.671	4.134	1.095E-10
347				74.919	14.984	5.214E-09				30.975	6.195	3.685E-10	24.179	4.836	1.753E-10	21.540	4.308	1.239E-10	13.320	2.664	2.930E-11	10.823	2.165	1.572E-11	56.214	11.243	2.203E-09
348				32.870	6.574	4.403E-10				16.178	3.236	5.250E-11	24.877	4.975	1.909E-10	25.759	5.152	2.119E-10	19.081	3.816	8.614E-11	33.381	6.676	4.612E-10	30.267	6.053	3.438E-10
349				28.850	5.770	2.977E-10				32.106	6.421	4.104E-10	29.654	5.931	3.233E-10	25.329	5.066	2.015E-10	18.220	3.644	7.499E-11	26.069	5.214	2.197E-10	22.670	4.534	1.445E-10
350				14.756	2.951	3.983E-11				25.315	5.063	2.011E-10	22.644	4.529	1.440E-10	18.651	3.730	8.044E-11	26.642	5.328	2.345E-10	23.363	4.673	1.581E-10	22.118	4.424	1.342E-10
351				23.205	4.641	1.549E-10				31.396	6.279	3.837E-10	27.690	5.538	2.633E-10	23.937	4.787	1.701E-10	11.315	2.263	1.796E-11	27.642	5.528	2.619E-10	21.020	4.204	1.152E-10
352				13.183	2.637	2.840E-11				19.502	3.900	9.196E-11	23.031	4.606	1.515E-10	31.733	6.347	3.962E-10	35.750	7.150	5.665E-10	20.673	4.135	1.095E-10	22.049	4.410	1.329E-10
353				31.177	6.235	3.758E-10				14.988	2.998	4.175E-11	32.271	6.454	4.167E-10	16.130	3.226	5.203E-11	22.429	4.486	1.399E-10	29.439	5.888	3.164E-10	13.583	2.717	3.107E-11
354				26.520	5.304	2.313E-10				12.718	2.544	2.551E-11	16.791	3.358	5.870E-11	49.129	9.826	1.470E-09	10.260	2.052	1.339E-11	40.571	8.114	8.280E-10	33.341	6.668	4.595E-10
355				25.957	5.191	2.168E-10				33.261	6.652	4.562E-10	18.171	3.634	7.439E-11	28.215	5.643	2.785E-10	24.546	4.909	1.834E-10	22.381	4.476	1.390E-10	31.799	6.360	3.987E-10
356				23.636	4.727	1.637E-10				26.707	5.341	2.362E-10	21.292	4.258	1.197E-10	28.475	5.695	2.863E-10	10.281	2.056	1.347E-11	26.264	5.253	2.246E-10	28.330	5.666	2.819E-10
357				23.553	4.711	1.620E-10				22.297	4.459	1.374E-10	20.551	4.110	1.076E-10	11.287	2.257	1.783E-11	22.151	4.430	1.348E-10	30.418	6.084	3.490E-10	10.853	2.171	1.585E-11
358				30.833	6.167	3.635E-10				40.663	8.133	8.337E-10	22.274	4.455	1.370E-10	18.720	3.744	8.134E-11	24.530	4.906	1.830E-10	31.047	6.209	3.711E-10	29.721	5.944	3.255E-10
359				15.030	3.006	4.210E-11				31.833	6.367	4.000E-10	30.123	6.025	3.389E-10	26.064	5.213	2.195E-10	35.863	7.173	5.719E-10	26.883	5.377	2.409E-10	12.646	2.529	2.508E-11
360				20.696	4.139	1.099E-10				33.709	6.742	4.749E-10	20.638	4.128	1.090E-10	10.788	2.158	1.557E-11	22.165	4.433	1.350E-10	23.326	4.665	1.574E-10			
361				31.864	6.373	4.011E-10				10.667	2.133	1.505E-11	26.476	5.295	2.301E-10	26.110	5.222	2.207E-10	24.918	4.984	1.918E-10	20.499	4.100	1.068E-10			
362				23.967	4.793	1.707E-10				17.968	3.594	7.193E-11	19.115	3.823	8.660E-11	14.226	2.845	3.570E-11	18.098	3.620	7.349E-11	17.132	3.426	6.235E-11			
363				78.364	15.673	5.967E-09				23.675	4.735	1.645E-10	19.130	3.826	8.681E-11	31.706	6.341	3.952E-10	19.312	3.862	8.930E-11	64.309	12.862	3.298E-09			
364				23.043	4.609	1.517E-10				26.893	5.379	2.412E-10	11.591	2.318	1.931E-11	23.563	4.713	1.622E-10	26.880	5.376	2.408E-10	25.686	5.137	2.101E-10			
365				14.436	2.887	3.730E-11				31.725	6.345	3.959E-10	17.233	3.447	6.345E-11	21.294	4.259	1.197E-10	95.364	19.073	1.075E-08	32.959	6.592	4.439E-10			
366				21.401	4.280	1.215E-10				25.297	5.059	2.007E-10	25.479	5.096	2.051E-10	25.479	5.096	2.051E-10	29.689	5.938	3.245E-10	34.021	6.804	4.882E-10			
367				30.149	6.030	3.398E-10				28.188	5.638	2.777E-10	18.468	3.694	7.809E-11	17.975	3.595	7.201E-11	30.884	6.177	3.653E-10	25.264	5.053	1.999E-10			
368																											

Data: Flyover 2 - Span 9 (34.75 m) - IG-03																										
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG13	200000	11.8097	SG13			SG13			SG13			SG13			SG13			SG13			SG13			SG13		
390															29.653	5.931	3.233E-10	24.808	4.962	1.893E-10						
391															13.406	2.681	2.987E-11	26.132	5.226	2.213E-10						
392															10.247	2.049	1.334E-11	20.420	4.084	1.056E-10						
393															29.334	5.867	3.130E-10	22.314	4.463	1.378E-10						
394																		57.683	11.537	2.380E-09						
395																		28.179	5.636	2.774E-10						
396																		13.033	2.607	2.745E-11						
397																		14.211	2.842	3.559E-11						
398																		11.286	2.257	1.782E-11						
399																		21.862	4.372	1.295E-10						
400																		41.663	8.333	8.967E-10						
401																		34.905	6.981	5.273E-10						
402																		20.899	4.180	1.132E-10						
403																		25.685	5.137	2.101E-10						
404																		29.912	5.982	3.318E-10						
405																		28.372	5.674	2.832E-10						

Flyover 2 - Span 9 (34.75 m) - IG-04
Daily Maximum Stress and Cumulative Damage

	Day 1		Day 2		Day 3		Day 4		Summary Day 5		Day 6		Day 7		Day 8		Day 9	
	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
	Max. Cum.	20.420 - 2.467E-08	Max. Cum.	22.243 - 1.706E-08	Max. Cum.	13.796 - 4.070E-09	Max. Cum.	30.024 - 2.870E-08	Max. Cum.	11.049 - 2.091E-09	Max. Cum.	17.674 - 8.557E-09	Max. Cum.	13.855 - 3.253E-08	Max. Cum.	22.381 - 1.738E-08	Max. Cum.	18.612 - 9.992E-09
Data: Flyover 2 - Span 9 (34.75 m) - IG-04																		
	Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Day 8		Day 9	
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14		
1	43.720	8.744	1.036E-09	26.673	5.335	2.353E-10	15.591	3.118	4.699E-11	36.006	7.201	5.788E-10	16.781	3.356	5.860E-11	17.976	3.595	7.203E-11
2	10.321	2.064	1.363E-11	17.850	3.570	7.051E-11	16.014	3.203	5.092E-11	6.809	1.362	3.913E-12	17.312	3.462	6.434E-11	7.900	1.580	6.114E-12
3	8.694	1.739	8.147E-12	36.005	7.201	5.787E-10	15.052	3.010	4.228E-11	17.472	3.494	6.613E-11	15.734	3.147	4.830E-11	14.043	2.809	3.434E-11
4	14.871	2.974	4.077E-11	15.340	3.068	4.476E-11	4.908	0.982	1.466E-12	9.746	1.949	1.148E-11	13.645	2.729	3.150E-11	15.659	3.132	4.761E-11
5	7.561	1.512	5.360E-12	16.447	3.289	5.517E-11	14.544	2.909	3.815E-11	31.908	6.382	4.028E-10	24.992	4.998	1.936E-10	42.283	8.457	9.373E-10
6	14.860	2.972	4.069E-11	12.542	2.508	2.446E-11	14.807	2.961	4.025E-11	14.005	2.801	3.406E-11	28.743	5.749	2.944E-10	13.779	2.756	3.244E-11
7	15.419	3.084	4.545E-11	29.447	5.889	3.166E-10	4.306	0.861	9.898E-13	6.733	1.347	3.784E-12	31.712	6.342	3.954E-10	17.077	3.415	6.175E-11
8	13.543	2.709	3.080E-11	23.734	4.747	1.658E-10	8.353	1.671	7.225E-12	7.078	1.416	4.396E-12	16.516	3.303	5.586E-11	12.509	2.502	2.427E-11
9	10.591	2.118	1.473E-11	14.625	2.925	3.878E-11	68.980	13.796	4.070E-09	14.328	2.866	3.647E-11	8.897	1.779	8.732E-12	40.303	8.061	8.117E-10
10	17.756	3.551	6.941E-11	13.666	2.733	3.165E-11	21.031	4.206	1.153E-10	16.502	3.300	5.572E-11	8.150	1.630	6.713E-12	7.738	1.476	4.979E-12
11	11.173	2.235	1.729E-11	9.981	1.996	1.233E-11	7.567	1.513	5.372E-12	10.098	2.020	1.277E-11	48.390	9.678	1.405E-09	17.631	3.526	6.795E-11
12	14.781	2.956	4.004E-11	8.105	1.621	6.601E-12	11.359	2.272	1.817E-11	8.098	1.620	6.583E-12	16.897	3.379	5.982E-11	22.624	4.525	1.436E-10
13	9.931	1.986	1.215E-11	5.664	1.133	2.253E-12	8.666	1.733	8.069E-12	17.155	3.431	6.260E-11	14.821	2.964	4.036E-11	10.509	2.102	1.439E-11
14	15.468	3.094	4.589E-11	-5.037	0.000	0.000E+00	16.814	3.363	5.894E-11	14.699	2.940	3.938E-11	12.086	2.417	2.189E-11	13.480	2.696	3.037E-11
15	17.604	3.521	6.765E-11	16.247	3.249	5.317E-11	11.710	2.342	1.991E-11	48.129	9.626	1.382E-09	21.528	4.306	1.237E-10	12.095	2.419	2.194E-11
16	16.647	3.329	5.720E-11	51.136	10.227	1.658E-09	9.460	1.892	1.050E-11	16.493	3.299	5.563E-11	17.178	3.436	6.285E-11	18.135	3.627	7.395E-11
17	26.886	5.377	2.410E-10	11.753	2.351	2.013E-11	26.811	5.362	2.390E-10	32.927	6.585	4.426E-10	7.126	1.425	4.486E-12	8.166	1.633	6.751E-12
18	-11.220	0.000	0.000E+00	31.356	6.271	3.823E-10	13.369	2.674	2.962E-11	15.200	3.040	4.354E-11	13.517	2.703	3.062E-11	15.806	3.161	4.896E-11
19	6.384	1.277	3.226E-12	10.816	2.163	1.569E-11	15.277	3.055	4.420E-11	5.772	1.154	2.385E-12	9.949	1.990	1.221E-11	11.641	2.328	1.956E-11
20	17.988	3.598	7.217E-11	9.783	1.957	1.161E-11	10.015	2.003	1.245E-11	9.163	1.833	9.539E-12	16.182	3.236	5.254E-11	15.979	3.196	5.058E-11
21	14.743	2.949	4.937E-11	7.205	1.441	4.637E-12	14.940	2.988	4.135E-11	11.178	2.236	1.732E-11	16.221	3.244	5.292E-11	17.441	3.488	6.578E-11
22	7.418	1.484	5.060E-12	16.034	3.207	5.111E-11	20.841	4.168	1.122E-10	13.058	2.612	2.761E-11	12.611	2.522	2.487E-11	11.406	2.281	1.840E-11
23	20.845	4.169	1.123E-10	14.606	2.921	3.864E-11	8.819	1.764	8.503E-12	14.134	2.827	3.501E-11	14.191	2.838	3.544E-11	26.039	5.208	2.189E-10
24	31.290	6.258	3.798E-10	11.742	2.348	2.007E-11	12.518	2.504	2.432E-11	21.958	4.392	1.313E-10	18.267	3.653	7.557E-11	15.754	3.151	4.848E-11
25	16.469	3.294	5.539E-11	21.288	4.258	1.196E-10	13.815	2.763	3.269E-11	10.009	2.002	1.243E-11	18.428	3.686	7.759E-11	12.591	2.518	2.475E-11
26	11.298	2.260	1.788E-11	12.362	2.472	2.342E-11	13.095	2.619	2.784E-11	15.647	3.129	4.750E-11	15.140	3.028	4.303E-11	14.373	2.875	3.682E-11
27	9.139	1.828	9.464E-12	16.121	3.224	5.195E-11	15.720	3.144	4.816E-11	19.860	3.972	9.712E-11	17.484	3.497	6.627E-11	45.043	9.009	1.133E-09
28	16.986	3.397	6.076E-11	13.877	2.775	3.313E-11	9.632	1.926	1.108E-11	19.063	3.813	8.590E-11	9.280	1.856	9.910E-12	40.270	8.054	8.097E-10
29	15.307	3.061	4.447E-11	15.353	3.071	4.487E-11	12.804	2.561	2.603E-11	19.026	3.805	8.539E-11	13.511	2.702	3.058E-11	18.315	3.663	7.617E-11
30	18.114	3.623	7.370E-11	14.717	2.943	3.952E-11	16.567	3.313	5.638E-11	17.943	3.589	7.162E-11	11.769	2.354	2.021E-11	11.858	2.372	2.067E-11
31	15.749	3.150	4.844E-11	11.318	2.264	1.798E-11	8.609	1.722	7.912E-12	14.916	2.983	4.115E-11	9.353	1.871	1.015E-11	13.290	2.658	2.911E-11
32	16.755	3.351	5.832E-11	15.259	3.052	4.405E-11	13.146	2.629	2.817E-11	10.877	2.175	1.596E-11	12.106	2.421	2.200E-11	11.712	2.342	1.992E-11
33	17.791	3.558	6.982E-11	15.032	3.006	4.212E-11	12.823	2.565	2.615E-11	18.349	3.670	7.661E-11	13.214	2.643	2.861E-11	11.321	2.264	1.799E-11
34	25.079	5.016	1.956E-10	10.506	2.101	1.438E-11	34.139	6.828	4.933E-10	14.820	2.964	4.036E-11	9.858	1.972	1.188E-11	16.208	3.242	5.280E-11
35	39.520	7.904	7.653E-10	11.359	2.272	1.817E-11	12.784	2.557	2.591E-11	10.810	1.602	6.372E-12	21.335	4.267	1.204E-10	12.817	2.563	2.611E-11
36	11.501	2.300	1.886E-11	11.315	2.263	1.796E-11	13.832	2.766	3.281E-11	19.725	3.945	9.515E-11	16.824	3.365	5.904E-11	14.178	2.836	3.534E-11
37	13.855	2.771	3.298E-11	15.736	3.147	4.831E-11	7.774	1.555	5.826E-12	11.691	2.338	1.981E-11	14.964	2.993	4.155E-11	13.458	2.692	3.022E-11
38	19.275	3.855	8.879E-11	9.308	1.862	9.999E-12	11.688	2.338	1.979E-11	14.297	2.859	3.624E-11	15.842	3.168	4.929E-11	11.105	2.221	1.698E-11
39	15.629	3.126	4.734E-11	17.628	3.526	6.792E-11	12.626	2.525	2.495E-11	25.589	5.118	2.078E-10	14.508	2.902	3.786E-11	13.289	2.658	2.910E-11
40	9.880	1.976	1.196E-11	16.528	3.306	5.598E-11	10.170	2.034	1.304E-11	16.871	3.374	5.954E-11	14.997	2.999	4.182E-11	9.307	1.861	9.996E-12
41	5.494	1.099	2.057E-12	6.671	1.334	3.681E-12	17.098	3.420	6.197E-11	16.379	3.276	5.448E-11	12.831	2.566	2.619E-11	11.605	2.321	1.938E-11
42	18.948	3.790	8.434E-11	32.479	6.496	4.248E-10	16.563	3.313	5.634E-11	17.544	3.509	6.696E-11	13.607	2.721	3.124E-11	12.262	2.451	2.283E-11
43	16.670	3.334	5.743E-11	15.462	3.092	4.584E-11	9.673	1.935	1.122E-11	17.737	3.547	6.918E-11	15.314	3.063	4.453E-11	9.770	1.892	1.050E-11
44	4.815	1.363	3.925E-12	15.441	3.088	4.565E-11	10.839	2.168	1.579E-11	11.101	2.220	1.696E-11	9.542	1.908	1.077E-11	12.711	2.542	2.546E-11
45	15.206	3.041	4.459E-11	6.518	1.304	3.433E-12	15.160	3.032	4.320E-11	16.036	3.207	5.113E-11	15.945	3.189	5.027E-11	-6.023	0.000	0.000E+00
46	9.096	1.819	9.330E-12	15.104	3.021	4.272E-11	15.588	3.118	4.697E-11	10.382	2.076	1.388E-11	6.283	1.257	3.076E-12	18.794	3.759	8.231E-11
47	17.033	3.407	6.127E-11	11.371	2.274	1.823E-11	11.602	2.320	1.936E-11	13.866	2.773	3.305E-11	11.032	2.206	1.665E-11	7.969	1.594	6.275E-12

Data: Flyover 2 - Span 9 (34.75 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
48	9.401	1.880	1.030E-11	12.030	2.406	2.159E-11	13.182	2.636	2.840E-11	7.798	1.560	5.879E-12	11.726	2.345	1.999E-11	11.426	2.285	1.850E-11	14.162	2.832	3.522E-11	14.979	2.996	4.167E-11	18.796	3.759	8.234E-11
49	15.225	3.045	4.376E-11	26.196	5.239	2.229E-10	13.457	2.691	3.022E-11	9.581	1.916	1.091E-11	12.243	2.449	2.275E-11	15.002	3.000	4.187E-11	17.771	3.554	6.959E-11	10.149	2.030	1.296E-11	33.086	6.617	4.491E-10
50	13.748	2.750	3.222E-11	15.149	3.030	4.311E-11	14.262	2.852	3.597E-11	-10.170	0.000	0.000E+00	12.024	2.405	2.155E-11	13.030	2.606	2.743E-11	10.932	2.186	1.620E-11	12.977	2.595	2.710E-11	5.630	1.126	2.213E-12
51	35.137	7.027	5.379E-10	8.131	1.626	6.665E-12	12.745	2.549	2.567E-11	12.080	2.416	2.186E-11	11.824	2.365	2.049E-11	17.012	3.402	6.104E-11	9.942	1.988	1.219E-11	20.030	4.006	9.964E-11	16.493	3.299	5.562E-11
52	13.283	2.657	2.906E-11	15.273	3.055	4.417E-11	15.775	3.155	4.867E-11	7.945	1.589	6.219E-12	16.754	3.351	5.831E-11	16.630	3.326	5.703E-11	11.721	2.344	1.997E-11	16.421	3.284	5.490E-11	11.660	2.332	1.966E-11
53	11.759	2.352	2.016E-11	-6.023	0.000	0.000E+00	14.426	2.885	3.722E-11	10.956	2.191	1.631E-11	21.044	4.209	1.156E-10	12.740	2.548	2.564E-11	10.618	2.124	1.484E-11	16.419	3.284	5.488E-11	10.270	2.054	1.343E-11
54	16.441	3.288	5.510E-11	21.196	4.239	1.181E-10	20.837	4.167	1.122E-10	12.061	2.412	2.175E-11	20.160	4.032	1.016E-10	-10.257	0.000	0.000E+00	12.076	2.415	2.184E-11	12.883	2.577	2.651E-11	13.476	2.695	3.035E-11
55	-6.784	0.000	0.000E+00	13.832	2.766	3.281E-11	18.066	3.613	7.311E-11	19.553	3.911	9.269E-11	11.125	2.225	1.707E-11	10.290	2.058	1.351E-11	12.768	2.554	2.581E-11	14.300	2.860	3.626E-11	14.998	3.000	4.183E-11
56	12.870	2.574	2.643E-11	13.307	2.661	2.922E-11	41.026	8.205	8.562E-10	13.585	2.717	3.109E-11	18.057	3.611	7.300E-11	7.479	1.496	5.188E-12	14.836	2.967	4.049E-11	9.412	1.882	1.034E-11	11.699	2.340	1.985E-11
57	7.136	1.427	4.505E-12	36.853	7.371	6.206E-10	19.789	3.958	9.609E-11	6.830	1.366	3.950E-12	15.548	3.110	4.660E-11	10.288	2.058	1.350E-11	11.832	2.366	2.054E-11	12.854	2.571	2.633E-11	14.444	2.889	3.736E-11
58	19.341	3.868	8.971E-11	11.469	2.294	1.871E-11	-7.233	0.000	0.000E+00	15.323	3.065	4.461E-11	15.761	3.152	4.854E-11	8.580	1.716	7.832E-12	12.751	2.550	2.571E-11	14.584	2.917	3.846E-11	10.319	2.064	1.362E-11
59	9.788	1.958	1.163E-11	15.490	3.098	4.608E-11	11.113	2.223	1.702E-11	11.496	2.299	1.884E-11	14.094	2.819	3.471E-11	13.003	2.601	2.726E-11	11.082	2.216	1.687E-11	12.497	2.499	2.420E-11	8.790	1.758	8.420E-12
60	12.478	2.496	2.409E-11	8.519	1.704	7.665E-12	-5.860	0.000	0.000E+00	23.082	4.616	1.525E-10	42.936	8.587	9.814E-10	12.558	2.512	2.456E-11	17.397	3.479	6.529E-11	15.387	3.077	4.517E-11	14.702	2.940	3.940E-11
61	20.266	4.053	1.032E-10	13.698	2.740	3.187E-11	14.508	2.902	3.786E-11	14.706	2.941	3.944E-11	15.891	3.178	4.976E-11	9.738	1.948	1.145E-11	12.743	2.549	2.566E-11	7.331	1.466	4.885E-12	10.758	2.152	1.544E-11
62	15.313	3.063	4.453E-11	20.105	4.021	1.008E-10	12.905	2.581	2.665E-11	15.331	3.066	4.468E-11	19.348	3.870	9.881E-11	8.995	1.799	9.025E-12	10.886	2.177	1.600E-11	8.740	1.748	8.278E-12	10.244	2.049	1.333E-11
63	14.938	2.988	4.133E-11	14.406	2.881	3.707E-11	10.029	2.006	1.251E-11	18.387	3.677	7.708E-11	11.381	2.276	1.828E-11	17.367	3.473	6.495E-11	17.141	3.428	6.245E-11	10.431	2.086	1.407E-11	12.851	2.570	2.631E-11
64	12.480	2.496	2.410E-11	46.837	9.367	1.274E-09	9.600	1.920	1.097E-11	17.271	3.454	6.388E-11	15.024	3.005	4.205E-11	12.601	2.520	2.481E-11	14.037	2.807	3.430E-11	13.164	2.633	2.829E-11	17.360	3.472	6.487E-11
65	12.080	2.416	2.186E-11	12.176	2.435	2.238E-11	13.437	2.687	3.008E-11	16.635	3.327	5.708E-11	13.714	2.743	3.198E-11	15.967	3.193	5.048E-11	17.504	3.501	6.650E-11	11.300	2.260	1.789E-11	18.415	3.683	7.743E-11
66	13.553	2.711	3.087E-11	11.389	2.278	1.832E-11	9.985	1.997	1.234E-11	18.058	3.612	7.301E-11	15.374	3.075	4.506E-11	12.030	2.406	2.159E-11	13.427	2.685	3.002E-11	20.648	4.130	1.092E-10	12.853	2.571	3.633E-11
67	14.911	2.982	4.111E-11	-7.114	0.000	0.000E+00	9.845	1.969	1.183E-11	12.511	2.502	2.428E-11	17.495	3.499	6.640E-11	11.856	2.371	2.067E-11	12.605	2.521	2.483E-11	7.816	1.563	5.920E-12	16.958	3.392	6.047E-11
68	17.846	3.569	7.048E-11	13.793	2.759	3.254E-11	12.301	2.460	2.308E-11	16.268	3.254	5.338E-11	16.347	3.269	5.416E-11	10.999	2.200	1.650E-11	13.092	2.618	2.782E-11	8.472	1.694	7.538E-12	19.600	3.920	9.336E-11
69	12.995	2.599	2.721E-11	6.844	1.369	3.974E-12	17.365	3.473	6.492E-11	13.488	2.698	3.042E-11	12.331	2.466	2.325E-11	11.593	2.319	1.932E-11	9.754	1.951	1.150E-11	14.355	2.871	3.667E-11	11.100	2.220	1.696E-11
70	17.882	3.576	7.090E-11	25.495	5.099	2.055E-10	16.238	3.248	5.309E-11	7.660	1.532	5.574E-12	14.363	2.873	3.674E-11	14.352	2.870	3.666E-11	14.018	2.804	3.415E-11	8.856	1.771	8.612E-12	12.818	2.564	2.612E-11
71	8.565	1.713	7.791E-12	14.704	2.941	3.942E-11	12.751	2.550	2.571E-11	25.068	5.014	1.953E-10	12.718	2.544	2.551E-11	12.495	2.499	2.419E-11	12.555	2.511	2.454E-11	19.252	3.850	8.847E-11	9.573	1.915	1.088E-11
72	102.102	20.420	1.320E-08	13.264	2.653	2.893E-11	13.365	2.067	1.369E-11	10.123	2.025	1.286E-11	33.536	6.707	4.677E-10	-6.482	0.000	0.000E+00	20.917	4.183	1.135E-10	7.847	1.569	5.991E-12	13.636	2.727	3.144E-11
73	10.067	2.013	1.265E-11	14.285	2.857	3.615E-11	11.909	2.382	2.094E-11	15.567	3.113	4.677E-11	13.643	2.729	3.149E-11	14.385	2.877	3.691E-11	15.742	3.148	4.837E-11	9.647	1.929	1.113E-11	9.702	1.940	1.132E-11
74	40.959	8.192	8.520E-10	6.142	1.228	2.873E-12	9.935	1.987	1.216E-11	13.658	2.732	3.159E-11	13.530	2.706	3.071E-11	11.559	2.312	1.915E-11	9.372	1.874	1.021E-11	6.967	1.393	4.193E-12	17.174	3.435	6.281E-11
75	-7.450	0.000	0.000E+00	12.163	2.433	2.231E-11	11.496	2.299	1.884E-11	7.730	1.546	5.728E-12	15.500	3.100	4.617E-11	11.447	2.289	1.860E-11	13.526	2.705	3.068E-11	36.729	7.346	6.144E-10	15.578	3.116	4.688E-11
76	6.987	1.397	4.229E-12	20.264	4.053	1.032E-10	12.753	2.551	2.572E-11	11.766	2.353	2.020E-11	19.264	3.853	8.864E-11	5.855	1.171	2.488E-12	11.247	2.249	1.764E-11	-7.938	0.000	0.000E+00	31.907	6.381	4.028E-10
77	11.463	2.293	1.868E-11	12.530	2.506	2.439E-11	17.891	3.578	7.101E-11	18.411	3.632	7.738E-11	8.343	1.669	7.202E-12	16.363	3.273	5.432E-11	14.372	2.874	3.680E-11	10.070	2.014				

Data: Flyover 2 - Span 9 (34.75 m) - IG-04																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
105	16.933	3.387	6.020E-11	28.909	5.782	2.996E-10	12.626	2.525	2.496E-11	13.908	2.782	3.336E-11	15.201	3.040	4.355E-11	18.395	3.679	7.717E-11	12.678	2.536	2.527E-11	33.990	6.798	4.869E-10	10.651	2.130	1.498E-11
106	39.372	7.874	7.567E-10	15.041	3.008	4.219E-11	10.907	2.181	1.609E-11	29.699	5.940	3.248E-10	11.914	2.383	2.097E-11	12.507	2.501	2.426E-11	13.808	2.762	3.264E-11	43.879	8.776	1.048E-09	12.687	2.537	2.532E-11
107	14.894	2.979	4.097E-11	10.729	2.146	1.532E-11	11.692	2.338	1.982E-11	17.857	3.571	7.060E-11	8.444	1.689	7.466E-12	7.839	1.568	5.973E-12	14.393	2.879	3.697E-11	17.864	3.573	7.068E-11	7.555	1.511	5.346E-12
108	14.339	2.868	3.655E-11	24.526	4.905	1.829E-10	15.128	3.026	4.293E-11	17.380	3.476	6.509E-11	12.226	2.445	2.266E-11	14.125	2.825	3.494E-11	5.957	1.191	2.621E-12	11.741	2.348	2.007E-11	14.124	2.825	3.494E-11
109				13.410	2.682	2.990E-11	14.461	2.892	3.749E-11	8.802	1.760	8.456E-12	5.178	1.036	1.721E-12	8.006	1.601	6.362E-12	10.618	2.124	1.484E-11	-6.380	0.000	0.000E+00	16.037	3.207	5.114E-11
110				8.739	1.748	8.274E-12	10.419	2.084	1.402E-11	7.815	1.563	5.919E-12	15.472	3.094	4.593E-11	14.214	2.843	3.561E-11	8.992	1.798	9.016E-12	18.267	3.653	7.558E-11	16.160	3.232	5.233E-11
111				25.342	5.068	2.018E-10	13.394	2.679	2.979E-11	20.494	4.099	1.067E-10	16.544	3.309	5.615E-11	10.960	2.192	1.632E-11	14.749	2.950	3.978E-11	11.028	2.206	1.663E-11	10.604	2.121	1.478E-11
112				4.789	0.958	1.362E-12	15.931	3.186	5.013E-11	7.381	1.476	4.987E-12	11.419	2.284	1.846E-11	8.427	1.685	7.420E-12	10.106	2.021	1.280E-11	17.679	3.536	6.851E-11	9.730	1.946	1.142E-11
113				13.198	2.640	2.850E-11	6.768	1.354	3.844E-12	14.592	2.918	3.852E-11	13.868	2.774	3.307E-11	8.198	1.640	6.831E-12	11.027	2.205	1.663E-11	8.253	1.651	6.969E-12	9.439	1.888	1.043E-11
114				-9.941	0.000	0.000E+00	12.097	2.419	2.195E-11	13.723	2.745	3.204E-11	14.101	2.820	3.476E-11	43.448	8.690	1.017E-09	14.735	2.947	3.967E-11	21.509	4.302	1.234E-10	8.110	1.622	6.614E-12
115				18.008	3.602	7.241E-11	16.363	3.273	5.432E-11	13.880	2.776	3.316E-11	13.467	2.693	3.082E-11	5.692	1.138	2.287E-12	17.359	3.472	6.486E-11	11.660	2.332	1.966E-11	31.435	6.287	3.851E-10
116				14.271	2.854	3.604E-11	14.959	2.992	4.151E-11	14.651	2.930	3.899E-11	11.450	2.290	1.861E-11	9.883	1.977	1.197E-11	15.233	3.047	4.383E-11	11.529	2.306	1.900E-11	-9.442	0.000	0.000E+00
117				8.933	1.787	8.837E-12	8.920	1.784	8.801E-12	7.948	1.590	6.226E-12	15.586	3.117	4.694E-11	8.406	1.681	7.366E-12	9.182	1.836	9.599E-12	17.371	3.474	6.500E-11	35.797	7.159	5.688E-10
118				17.238	3.448	6.351E-11	-6.991	0.000	0.000E+00	24.950	4.990	1.926E-10	12.337	2.467	2.328E-11	8.057	1.611	6.485E-12	12.193	2.439	2.248E-11	12.569	2.514	2.462E-11	10.913	2.183	1.611E-11
119				12.768	2.554	2.581E-11	13.121	2.624	2.801E-11	14.985	2.997	4.172E-11	-5.127	0.000	0.000E+00	12.138	2.428	2.218E-11	11.489	2.298	1.880E-11	14.556	2.911	3.824E-11	4.912	0.982	1.469E-12
120				16.255	3.251	5.326E-11	25.224	5.045	1.990E-10	21.437	4.287	1.221E-10	40.058	8.012	7.970E-10	39.346	7.869	7.553E-10	14.880	2.976	4.085E-11	4.790	0.958	1.363E-12	-7.300	0.000	0.000E+00
121				10.901	2.180	1.606E-11	18.737	3.747	8.156E-11	12.888	2.578	2.654E-11	-7.223	0.000	0.000E+00	15.432	3.086	4.557E-11	10.404	2.081	1.396E-11	10.286	2.057	1.350E-11	17.526	3.505	6.675E-11
122				6.557	1.311	3.496E-12	13.278	2.656	2.903E-11	13.703	2.741	3.190E-11	13.530	2.706	3.071E-11	11.791	2.358	2.032E-11	13.826	2.765	3.277E-11	19.299	3.860	8.913E-11	12.572	2.514	2.464E-11
123				13.150	2.630	2.820E-11	8.453	1.691	7.489E-12	-16.422	0.000	0.000E+00	22.524	4.505	1.417E-10	16.459	3.292	5.529E-11	15.550	3.110	4.662E-11	10.660	2.132	1.502E-11	11.356	2.271	1.816E-11
124				6.857	1.371	3.998E-12	20.206	4.041	1.023E-10	14.312	2.862	3.635E-11	38.191	7.638	6.907E-10	10.250	2.050	1.335E-11	9.563	1.913	1.084E-11	11.795	2.359	2.035E-11	15.228	3.046	4.379E-11
125				-8.307	0.000	0.000E+00	12.323	2.465	2.320E-11	29.336	5.867	3.130E-10	17.613	3.523	6.775E-11	12.546	2.509	2.449E-11	16.131	3.226	5.205E-11	12.950	2.590	2.693E-11	-7.771	0.000	0.000E+00
126				57.416	11.483	2.347E-09	13.497	2.699	3.049E-11	12.322	2.464	2.320E-11	8.190	1.638	6.812E-12	12.941	2.588	2.687E-12	10.407	2.081	1.398E-11	14.204	2.841	3.553E-11	10.596	2.119	1.475E-11
127				7.446	1.489	5.118E-12	9.383	1.877	1.024E-11	12.746	2.549	2.567E-11	18.231	3.646	7.513E-11	11.664	2.333	1.968E-11	12.313	2.463	2.315E-11	9.053	1.811	9.200E-12	11.675	2.335	1.973E-11
128				26.220	5.244	2.235E-10	16.435	3.287	5.504E-11	7.551	1.510	5.339E-12	12.033	2.407	2.160E-11	11.841	2.368	2.058E-11	17.665	3.533	6.835E-11	20.528	4.106	1.073E-10	11.605	2.321	1.938E-11
129				20.883	4.177	1.129E-10	28.262	5.652	2.799E-10	53.728	10.746	1.923E-09	38.962	7.792	7.333E-10	7.987	1.597	6.317E-12	16.322	3.264	5.391E-11	10.318	2.064	1.362E-11	17.399	3.480	6.530E-11
130				13.627	2.725	3.137E-11	25.228	5.046	1.991E-10	11.609	2.322	1.940E-11	15.448	3.090	4.571E-11	31.340	6.268	3.817E-10	-7.489	0.000	0.000E+00	8.687	1.737	8.127E-12	4.138	0.828	8.788E-13
131				9.589	1.918	1.093E-11	9.658	1.932	1.117E-11	16.584	3.317	5.656E-11	20.898	4.180	1.132E-10	18.813	3.763	8.256E-11	14.658	2.932	3.905E-11	10.407	2.081	1.397E-11	12.662	2.532	2.517E-11
132				-9.592	0.000	0.000E+00	12.255	2.451	2.282E-11	17.945	3.589	7.166E-11	14.073	2.815	3.456E-11	14.264	2.853	3.598E-11	15.863	3.173	4.949E-11	18.133	3.627	7.393E-11	15.241	3.048	4.390E-11
133				14.652	2.930	3.900E-11	7.587	1.517	5.415E-12	10.431	2.086	1.407E-11	12.511	2.502	2.428E-11	21.028	4.206	1.153E-10	18.835	3.767	8.285E-11	11.984	2.397	2.134E-11	19.366	3.873	9.006E-11
134				9.229	1.846	9.746E-12	18.251	3.650	7.537E-11	36.670	7.334	6.114E-10	13.349	2.670	2.949E-11	19.538	3.908	9.248E-11	20.278	4.056	1.034E-10	10.143	2.029	1.294E-11	16.731	3.346	5.807E-11
135				16.946	3.389	6.034E-11	11.096	2.219	1.694E-11	14.864	2.973	4.072E-11	13.830	2.766	2.380E-11	11.987	2.397	2.136E-11	20.559	4.112	1.077E-10	15.530	3.106	4.644E-11	10.113	2.023	1.282E-11
136				7.684	1.537	5.626E-12	11.738	2.348	2.005E-11	10.408	2.082	1.398E-11	13.310	2.662	2.924E-11	13.828	2.766	3.279E-11	8.506	1.70.							

Data: Flyover 2 - Span 9 (34.75 m) - IG-04																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
162				10.928	2.186	1.618E-11	11.847	2.369	2.061E-11	12.216	2.443	2.261E-11	6.708	1.342	3.743E-12	9.108	1.822	9.370E-12	15.176	3.035	4.333E-11	14.398	2.880	3.701E-11	23.311	4.662	1.571E-10
163				14.313	2.863	3.636E-11	17.020	3.404	6.113E-11	13.035	2.607	2.746E-11	18.200	3.640	6.455E-11	17.332	3.466	6.455E-11	12.478	2.496	2.409E-11	13.227	2.645	2.869E-11	13.316	2.663	2.927E-11
164				4.680	0.936	1.271E-12	10.060	2.012	1.262E-11	46.743	9.349	1.266E-09	9.697	1.939	1.131E-11	11.028	2.206	1.663E-11	22.061	4.412	1.331E-10	17.476	3.495	6.618E-11	8.911	1.782	8.773E-12
165				10.365	2.073	1.381E-11	12.841	2.568	2.626E-11	18.826	3.765	8.274E-11	20.270	4.054	1.033E-10	6.630	1.326	3.614E-12	16.380	3.276	5.449E-11	5.451	1.090	2.008E-12	8.861	1.772	8.627E-12
166				13.785	2.757	3.248E-11	13.819	2.764	3.272E-11	13.612	2.722	3.127E-11	14.929	2.986	4.126E-11	15.225	3.045	4.376E-11	8.212	1.642	6.867E-12	11.385	2.277	1.830E-11	6.853	1.371	3.990E-12
167				14.664	2.933	3.909E-11	13.641	2.728	3.147E-11	9.144	1.829	9.480E-12	12.382	2.476	2.354E-11	11.856	2.371	2.066E-11	15.564	3.113	4.675E-11	7.241	1.448	4.708E-12	13.837	2.767	3.285E-11
168				22.256	4.451	1.367E-10	13.097	2.619	2.785E-11	14.346	2.869	3.661E-11	9.813	1.963	1.171E-11	8.126	1.625	6.654E-12	23.134	4.627	1.535E-10	8.138	1.628	6.682E-12	17.615	3.523	6.777E-11
169				46.355	9.271	1.235E-09	9.566	1.913	1.085E-11	11.032	2.206	1.665E-11	13.822	2.764	3.274E-11	7.815	1.563	5.919E-12	13.788	2.758	3.250E-11	11.906	2.381	2.093E-11	27.760	5.552	2.652E-10
170				21.812	4.362	1.287E-10	10.585	2.117	1.470E-11	23.314	4.663	1.571E-10	11.793	2.359	2.034E-11	7.608	1.522	5.459E-12	7.345	1.469	4.913E-12	19.712	3.942	9.497E-11	52.668	10.534	1.811E-09
171				8.669	1.734	8.077E-12	8.802	1.760	8.455E-12	8.186	1.637	6.803E-12	8.754	1.751	8.316E-12	20.887	4.177	1.130E-10	42.260	8.452	9.358E-10	10.707	2.141	1.522E-11	12.095	2.419	2.194E-11
172				9.158	1.832	9.524E-12	48.532	9.706	1.417E-09	150.119	30.024	4.195E-08	9.069	1.814	9.247E-12	9.993	1.999	1.237E-11	19.349	3.870	8.981E-11	9.460	1.892	1.050E-11	-5.292	0.000	0.000E+00
173				35.982	7.196	5.776E-10	8.935	1.787	8.843E-12	47.268	9.454	1.309E-09	-8.697	0.000	0.000E+00	9.546	1.909	1.079E-11	11.283	2.257	1.781E-11	10.512	2.102	1.440E-11	14.733	2.947	3.966E-11
174				20.160	4.032	1.016E-10	19.255	3.851	8.851E-11	12.236	2.447	2.272E-11	10.130	2.026	1.289E-11	13.200	2.640	2.852E-11	15.114	3.023	4.281E-11	15.933	3.187	5.015E-11	14.912	2.982	4.111E-11
175				19.050	3.810	8.573E-11	9.931	1.986	1.214E-11	16.779	3.356	5.857E-11	20.660	4.132	1.093E-10	13.546	2.709	3.082E-11	20.300	4.060	1.037E-10	10.273	2.055	1.344E-11	19.041	3.808	8.560E-11
176				12.504	2.501	2.424E-11	14.664	2.933	3.910E-11	10.352	2.070	1.375E-11	18.255	3.651	7.543E-11	14.136	2.827	3.503E-11	10.381	2.076	1.387E-11	54.689	10.938	2.028E-09	15.109	3.022	4.276E-11
177				9.909	1.982	1.206E-11	19.016	3.803	8.526E-11	9.925	1.985	1.212E-11	9.135	1.827	9.453E-12	13.944	2.789	3.362E-11	16.572	3.314	5.643E-11	8.950	1.790	8.888E-12	14.018	2.804	3.415E-11
178				7.031	1.406	4.310E-12	47.172	9.434	1.301E-09	10.374	2.075	1.384E-11	10.945	2.189	1.626E-11	7.585	1.517	5.411E-12	10.908	2.182	1.609E-11	67.390	13.478	3.795E-09	7.601	1.520	5.446E-12
179				9.712	1.942	1.136E-11	35.256	7.051	5.434E-10	20.068	4.014	1.002E-10	14.947	2.989	4.140E-11	18.485	3.697	7.832E-11	16.303	3.261	5.373E-11	13.120	2.624	2.800E-11	23.740	4.748	1.659E-10
180				13.149	2.630	2.819E-11	8.063	1.613	6.499E-12	11.631	2.326	1.951E-11	10.421	2.084	1.403E-11	50.489	10.098	1.596E-09	16.867	3.373	5.950E-11	21.451	4.290	1.224E-10	9.927	1.985	1.213E-11
181				52.106	10.421	1.754E-09	14.254	2.851	3.591E-11	24.270	4.854	1.773E-10	15.508	3.102	4.624E-11	15.716	3.143	4.813E-11	11.200	2.240	1.742E-11	13.878	2.776	3.314E-11	9.911	1.982	1.207E-11
182				-6.962	0.000	0.000E+00	17.154	3.431	6.259E-11	9.973	1.995	1.230E-11	8.679	1.736	8.105E-12	14.400	2.880	3.703E-11	12.360	2.472	2.341E-11	38.303	7.661	6.968E-10	16.213	3.243	5.284E-11
183				14.410	2.882	3.710E-11	13.477	2.695	3.035E-11	25.733	5.147	2.113E-10	14.875	2.975	4.081E-11	13.374	2.675	2.966E-11	12.930	2.586	2.680E-11	28.172	5.634	2.772E-10	10.767	2.153	1.548E-11
184				17.553	3.511	6.706E-11	12.032	2.406	2.160E-11	8.074	1.615	6.526E-12	10.981	2.196	1.642E-11	5.879	1.176	2.519E-12	16.060	3.212	5.136E-11	7.459	1.492	5.147E-12	14.556	2.911	3.824E-11
185				13.410	2.682	2.990E-11	8.331	1.666	7.170E-12	46.935	9.387	1.282E-09	9.499	1.900	1.063E-11	13.629	2.726	3.139E-11	12.716	2.543	2.550E-11	14.679	2.936	3.921E-11	11.112	2.222	1.701E-11
186				12.760	2.552	2.576E-11	13.831	2.766	3.281E-11	16.565	3.313	5.636E-11	9.870	1.974	1.192E-11	11.751	2.350	2.012E-11	12.903	2.581	2.663E-11	7.761	1.552	5.797E-12	11.258	2.252	1.769E-11
187				12.609	2.522	2.486E-11	13.701	2.740	3.189E-11	7.733	1.547	5.734E-12	11.425	2.285	1.849E-11	18.440	3.688	7.774E-11	18.618	3.724	8.002E-11	14.212	2.842	3.595E-11	9.941	1.988	1.218E-11
188				17.877	3.575	7.084E-11	30.688	6.138	3.583E-10	6.279	1.256	3.069E-12	7.346	1.469	4.914E-12	9.480	1.896	1.056E-11	5.128	1.026	1.672E-12	11.018	2.204	1.658E-11	6.427	1.285	3.291E-12
189				8.671	1.734	8.083E-12	13.009	2.602	2.730E-11	7.126	1.425	4.486E-12	10.594	2.119	1.474E-11	16.615	3.323	5.687E-11	10.522	2.104	1.445E-11	11.696	2.339	1.984E-11	11.659	2.332	1.965E-11
190				12.537	2.507	2.443E-11	8.812	1.362	3.919E-12	34.396	6.875	5.045E-10	9.635	1.927	1.109E-11	11.741	2.348	2.007E-11	15.819	3.164	4.908E-11	12.464	2.493	2.401E-11	15.277	3.055	4.421E-11
191				9.505	1.901	1.065E-11	14.424	2.885	3.721E-11	9.520	1.904	1.070E-11	16.817	3.363	5.897E-11	11.877	2.375	2.077E-11	16.619	3.324	5.691E-11	11.312	2.262	1.795E-11	13.769	2.754	3.237E-11
192				76.406	15.281	5.531E-09	-10.360	0.000	0.000E+00	8.256	1.651	6.978E-12	11.526	2.305	1.899E-11	14.104	2.821	3.479E-11	10.089	2.018	1.273E-11	10.320	2.064	1.363E-11	13.673	2.735	3.169E-11
193				43.556	8.711	1.025E-09	11.383	2.277	1.829E-11	11.931	2.386	2.106E-11	18.298	3.660	7.596E-11	10.601	2.120	1.477E-11	12.257	2.451	2.283E-11	15.324	3.065	4.462E-11	6.794	1.359	3.888E-12
193																											

Data: Flyover 2 - Span 9 (34.75 m) - IG-04																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
219				26.944	5.389	2.425E-10	13.151	2.630	2.820E-11	8.974	1.795	8.961E-12	25.329	5.066	2.015E-10	11.644	2.329	1.958E-11	7.804	1.561	5.893E-12	12.934	2.587	2.683E-11	34.485	6.897	5.085E-10
220				12.762	2.552	2.577E-11	42.022	8.404	9.201E-10	4.066	0.813	8.337E-13	37.162	7.432	6.363E-10	37.218	7.444	6.392E-10	8.007	1.601	6.364E-12	17.347	3.469	6.472E-11	29.886	5.977	3.310E-10
221				12.516	2.503	2.431E-11	15.089	3.018	4.260E-11	11.002	2.200	1.651E-11	12.300	2.460	2.307E-11	11.210	2.242	1.746E-11	5.615	1.123	2.195E-12	7.248	1.450	4.720E-12	10.736	2.147	1.534E-11
222				10.949	2.190	1.628E-11	8.058	1.612	6.487E-12	13.790	2.758	3.252E-11	37.507	7.501	6.542E-10	15.064	3.013	4.238E-11	11.156	2.231	1.721E-11	15.771	3.154	4.864E-11	8.136	1.627	6.679E-12
223				14.185	2.837	3.539E-11	11.276	2.255	1.778E-11	13.139	2.628	2.813E-11	13.512	2.702	3.059E-11	33.543	6.709	4.680E-10	18.403	3.681	7.727E-11	11.898	2.380	2.088E-11	16.150	3.230	5.223E-11
224				7.899	1.580	6.111E-12	11.072	2.214	1.683E-11	14.922	2.984	4.120E-11	-8.952	0.000	0.000E+00	23.902	4.780	1.693E-10	-8.362	0.000	0.000E+00	-5.630	0.000	0.000E+00	10.936	2.187	1.622E-11
225				96.018	19.204	1.098E-08	14.006	2.801	3.407E-11	16.257	3.251	5.327E-11	-6.007	0.000	0.000E+00	38.430	7.686	7.037E-10	7.610	1.522	5.465E-12	10.556	2.111	1.458E-11	19.654	3.931	9.414E-11
226				11.157	2.231	1.722E-11	21.854	4.371	1.294E-10	32.732	6.546	4.348E-10	14.362	2.872	3.673E-11	14.272	2.854	3.605E-11	8.259	1.652	6.986E-12	20.202	4.040	1.022E-10	20.358	4.072	1.046E-10
227				17.288	3.458	6.407E-11	26.520	5.304	2.313E-10	-6.741	0.000	0.000E+00	9.781	1.956	1.160E-11	14.310	2.862	3.634E-11	8.176	1.635	6.777E-12	12.500	2.500	2.422E-11	11.545	2.309	1.908E-11
228				16.665	3.333	5.739E-11	16.207	3.241	5.278E-11	36.774	7.355	6.166E-10	12.250	2.450	2.279E-11	9.752	1.950	1.150E-11	9.138	1.828	9.461E-12	9.166	1.833	9.550E-12	43.046	8.609	9.890E-10
229				14.537	2.907	3.809E-11	7.520	1.504	5.274E-12	17.447	3.489	6.585E-11	12.609	2.522	2.485E-11	88.372	17.674	8.557E-09	14.994	2.999	4.180E-11	38.680	7.736	7.175E-10	8.830	1.766	8.537E-12
230				21.845	4.369	1.293E-10	12.571	2.514	2.463E-11	11.365	2.273	1.820E-11	17.211	3.442	6.322E-11	33.256	6.651	4.560E-10	6.205	1.241	2.963E-12	14.629	2.926	3.882E-11	9.535	1.907	1.075E-11
231				8.766	1.753	8.352E-12	9.915	1.983	1.209E-11	9.969	1.994	1.228E-11	28.898	5.780	2.992E-10	16.234	3.247	5.304E-11	10.364	2.073	1.380E-11	21.559	4.312	1.242E-10	11.929	2.386	2.105E-11
232				57.645	11.529	2.375E-09	9.465	1.893	1.051E-11	10.967	2.193	1.636E-11	15.220	3.044	4.372E-11	18.514	3.703	7.869E-11	32.230	6.446	4.151E-10	82.760	16.552	7.028E-09	15.268	3.054	4.413E-11
233				21.752	4.350	1.276E-10	10.106	2.021	1.280E-11	12.928	2.586	2.679E-11	14.246	2.849	3.585E-11	12.791	2.558	2.595E-11	21.220	4.244	1.185E-10	9.877	1.975	1.195E-11	12.580	2.516	2.468E-11
234				22.064	4.413	1.332E-10	12.243	2.449	2.275E-11	13.788	2.758	3.250E-11	13.469	2.694	3.030E-11	13.803	2.761	3.260E-11	15.578	3.116	4.687E-11	9.741	1.948	1.146E-11	16.662	3.332	5.736E-11
235				51.141	10.228	1.658E-09	15.873	3.175	4.959E-11	8.211	1.642	6.865E-12	12.016	2.403	2.151E-11	18.262	3.652	7.552E-11	15.883	3.177	4.968E-11	7.640	1.528	5.530E-12	19.250	3.850	8.844E-11
236				15.244	3.049	4.392E-11	11.759	2.352	2.016E-11	6.212	1.242	2.973E-12	13.026	2.605	2.741E-11	20.616	4.123	1.086E-10	12.376	2.475	2.350E-11	14.401	2.880	3.703E-11	15.641	3.128	4.744E-11
237				16.640	3.328	5.712E-11	15.542	3.108	4.655E-11	16.516	3.303	5.586E-11	18.551	3.710	7.915E-11	9.714	1.943	1.137E-11	9.124	1.825	9.416E-12	6.776	1.355	3.858E-12	12.163	2.433	2.231E-11
238				15.683	3.137	4.783E-11	12.787	2.557	2.592E-11	24.684	4.937	1.865E-10	8.898	1.780	8.735E-12	19.129	3.826	8.680E-11	28.353	5.671	2.826E-10	11.695	2.339	1.984E-11	13.894	2.779	3.326E-11
239				10.486	2.097	1.430E-11	14.543	2.909	3.814E-11	15.086	3.017	4.257E-11	16.248	3.250	5.318E-11	18.960	3.792	8.451E-11	6.952	1.390	4.167E-12	32.606	6.521	4.298E-10	18.261	3.652	7.551E-11
240				17.761	3.552	6.947E-11	5.773	1.155	2.385E-12	6.915	1.383	4.099E-12	8.256	1.651	6.978E-12	10.168	2.034	1.304E-11	11.093	2.219	1.693E-11	14.539	2.908	3.810E-11	7.787	1.557	5.855E-12
241				30.871	6.174	3.648E-10	-9.596	0.000	0.000E+00	10.742	2.148	1.537E-11	15.013	3.003	4.196E-11	11.638	2.328	1.955E-11	10.612	2.122	1.482E-11	14.065	2.813	3.450E-11	37.251	7.450	6.409E-10
242				14.285	2.857	3.615E-11	7.720	1.544	5.705E-12	15.412	3.082	4.539E-11	18.305	3.661	7.605E-11	7.908	1.582	6.132E-12	9.610	1.922	1.100E-11	18.751	3.750	8.174E-11	16.734	3.347	5.810E-11
243				19.971	3.994	9.877E-11	10.443	2.089	1.412E-11	13.938	2.788	3.357E-11	34.145	6.829	4.936E-10	13.287	2.657	2.909E-11	12.033	2.407	2.160E-11	12.853	2.571	2.633E-11	11.941	2.888	2.111E-11
244				24.377	4.875	1.796E-10	12.508	2.502	2.427E-11	15.886	3.177	4.971E-11	14.282	2.856	3.612E-11	16.449	3.290	5.518E-11	34.392	6.878	5.044E-10	9.703	1.941	1.133E-11	14.066	2.813	3.450E-11
245				15.276	3.055	4.420E-11	13.171	2.634	2.833E-11	32.357	6.471	4.201E-10	10.016	2.003	1.246E-11	15.060	3.012	4.235E-11	19.518	3.904	9.219E-11	7.795	1.559	5.872E-12	17.702	3.540	6.877E-11
246				21.218	4.244	1.184E-10	13.975	2.795	3.384E-11	58.622	11.724	2.498E-09	34.592	6.918	5.132E-10	16.270	3.254	5.340E-11	14.694	2.939	3.934E-11	13.758	2.752	3.229E-11	13.096	2.619	2.785E-11
247				66.647	13.329	3.671E-09	14.806	2.961	4.024E-11	50.720	10.144	1.618E-09	11.688	2.338	1.980E-11	17.639	3.528	6.805E-11	14.081	2.816	3.462E-11	6.082	1.216	2.790E-12	17.172	3.434	6.278E-11
248				40.722	8.144	8.373E-10	10.635	2.127	1.491E-11	12.447	2.489	2.391E-11	8.946	1.789	8.877E-12	20.530	4.106	1.073E-10	8.824	1.765	8.518E-12	16.288	3.258	5.358E-11	10.984	2.197	1.643E-11
249				20.306	4.061	1.038E-10	-6.059	0.000	0.000E+00	13.948	2.790	3.364E-11	8.400	1.680	7.349E-12	8.258	1.652	6.982E-12	14.714	2.943	3.950E-11	16.241	3.248	5.312E-11	10.118	2.024	1.284E-11
250				6.987	1.397	4.229E-12	8.977	1.795	8.970E-12	32.093	6.419	4.098E-10	9.170	1.834	9.559E-12	16.965	3.393	6.054E-11	36.731	7.346	6.144E-10	6.520	1.304	3.437E-12	10.997	2.199	1.649E-11

Data: Flyover 2 - Span 9 (34.75 m) - IG-04																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
276				8.285	1.657	7.051E-12	14.726	2.945	3.960E-11	8.192	1.638	6.815E-12	12.954	2.591	2.695E-11	12.860	2.572	2.637E-11	8.719	1.744	8.219E-12	6.820	1.364	3.934E-12	13.537	2.707	3.076E-11
277				19.644	3.929	9.400E-11	12.806	2.561	2.604E-11	10.206	2.041	1.318E-11	19.045	3.809	8.565E-11	10.461	2.092	1.419E-11	19.803	3.961	9.629E-11	10.652	2.130	1.499E-11	13.851	2.770	3.295E-11
278				111.213	22.243	1.706E-08	14.306	2.861	3.630E-11	17.033	3.407	6.127E-11	-7.794	0.000	0.000E+00	13.746	2.749	3.220E-11	9.533	1.907	1.074E-11	15.676	3.135	4.776E-11	11.623	2.325	1.947E-11
279				13.523	2.705	3.066E-11	9.468	1.894	1.052E-11	18.867	3.773	8.328E-11	15.649	3.130	4.752E-11	21.419	4.284	1.218E-10	18.315	3.663	7.618E-11	8.638	1.728	7.992E-12	15.076	3.015	4.248E-11
280				36.899	7.380	6.229E-10	18.123	3.625	7.380E-11	14.328	2.866	3.647E-11	13.815	2.763	3.269E-11	12.791	2.558	2.595E-11	-6.702	0.000	0.000E+00	14.240	2.848	3.580E-11	12.663	2.533	2.517E-11
281				9.479	1.896	1.056E-11	16.830	3.366	5.911E-11	12.183	2.437	2.242E-11	16.119	3.224	5.193E-11	13.552	2.710	3.086E-11	12.094	2.419	2.193E-11	13.360	2.672	2.957E-11	13.407	2.681	2.988E-11
282				7.972	1.594	6.281E-12	13.663	2.733	3.162E-11	12.064	2.413	2.177E-11	18.001	3.600	7.232E-11	19.170	3.834	8.735E-11	14.964	2.993	4.155E-11	13.421	2.684	2.998E-11	12.204	2.441	2.254E-11
283				49.069	9.814	1.465E-09	16.466	3.293	5.536E-11	13.944	2.789	3.362E-11	8.791	1.758	8.424E-12	15.326	3.065	4.464E-11	14.208	2.842	3.556E-11	26.726	5.345	2.367E-10	13.904	2.781	3.333E-11
284				10.542	2.108	1.453E-11	8.439	1.688	7.451E-12	10.192	2.038	1.313E-11	10.810	2.162	1.566E-11	20.585	4.117	1.082E-10	9.316	1.863	1.002E-11	8.642	1.728	8.004E-12	10.639	2.128	1.493E-11
285				19.164	3.833	8.727E-11	6.557	1.311	3.495E-12	35.341	7.068	5.473E-10	16.848	3.370	5.930E-11	18.304	3.661	7.604E-11	17.786	3.557	6.977E-11	16.719	3.344	5.795E-11	15.489	3.098	4.607E-11
286				-8.782	0.000	0.000E+00	6.989	1.398	4.233E-12	9.819	1.964	1.174E-11	18.241	3.648	7.526E-11	18.522	3.704	7.878E-11	14.055	2.811	3.443E-11	12.021	2.404	2.154E-11	16.228	3.246	5.299E-11
287				13.249	2.650	2.884E-11	10.676	2.135	1.509E-11	11.220	2.244	1.751E-11	14.823	2.965	4.038E-11	14.208	2.842	3.556E-11	14.447	2.889	3.739E-11	13.566	2.713	3.096E-11	11.559	2.312	1.915E-11
288				8.855	1.771	8.609E-12	12.248	2.450	2.278E-11	15.352	3.070	4.487E-11	4.146	0.829	8.833E-13	19.091	3.818	8.627E-11	10.255	2.051	1.337E-11	15.975	3.195	5.055E-11	20.199	4.040	1.022E-10
289				15.319	3.064	4.457E-11	11.408	2.282	1.841E-11	37.262	7.452	6.415E-10	43.058	8.612	9.898E-10	13.973	2.795	3.382E-11	13.024	2.605	2.739E-11	17.027	3.405	6.121E-11	25.391	5.078	2.030E-10
290				9.404	1.881	1.031E-11	17.065	3.413	6.161E-11	5.118	1.024	1.663E-12	17.488	3.498	6.631E-11	10.558	2.112	1.459E-11	7.648	1.530	5.546E-12	9.201	1.840	9.660E-12	16.739	3.348	5.815E-11
291				67.515	13.503	3.816E-09	12.807	2.561	2.605E-11	16.669	3.334	5.742E-11	16.949	3.390	6.037E-11	17.395	3.479	6.526E-11	8.719	1.744	8.217E-12	38.385	7.677	7.013E-10	17.387	3.477	6.518E-11
292				14.890	2.978	4.093E-11	12.335	2.467	2.327E-11	19.249	3.850	8.843E-11	18.159	3.632	7.425E-11	15.498	3.100	4.616E-11	13.117	2.623	2.798E-11	21.451	4.290	1.224E-10	13.830	2.766	3.280E-11
293				12.428	2.486	2.380E-11	14.906	2.981	4.107E-11	11.396	2.279	1.835E-11	22.019	4.404	1.324E-10	6.434	1.287	3.303E-12	15.819	3.164	4.908E-11	9.537	1.907	1.075E-11	8.769	1.754	8.360E-12
294				6.489	1.298	3.389E-12	10.681	2.136	1.511E-11	16.260	3.252	5.331E-11	13.889	2.778	3.322E-11	8.204	1.641	6.847E-12	5.313	1.063	1.860E-12	22.467	4.493	1.406E-10	10.127	2.025	1.288E-11
295				17.541	3.508	6.691E-11	9.523	1.905	1.071E-11	17.250	3.450	6.364E-11	8.433	1.687	7.436E-12	15.282	3.056	4.425E-11	17.634	3.527	6.799E-11	12.763	2.553	2.578E-11	22.669	4.534	1.444E-10
296				13.309	2.662	2.923E-11	11.782	2.356	2.028E-11	10.937	2.187	1.622E-11	9.866	1.973	1.191E-11	26.609	5.322	2.336E-10	9.798	1.960	1.166E-11	8.496	1.699	7.605E-12	12.318	2.464	2.318E-11
297				41.390	8.278	8.792E-10	10.644	2.129	1.495E-11	13.447	2.689	3.015E-11	11.549	2.310	1.910E-11	8.567	1.713	7.797E-12	6.222	1.244	2.987E-12	15.472	3.094	4.593E-11	11.015	2.203	1.657E-11
298				15.046	3.009	4.223E-11	-6.839	0.000	0.000E+00	12.671	2.534	2.522E-11	19.386	3.877	9.033E-11	15.277	3.055	4.421E-11	19.142	3.828	8.696E-11	6.944	1.389	4.152E-12	15.978	3.196	5.058E-11
299				16.943	3.389	6.030E-11	19.265	3.853	8.865E-11	27.816	5.563	2.669E-10	13.797	2.759	3.256E-11	32.384	6.477	4.211E-10	17.867	3.573	7.072E-11	11.218	2.244	1.751E-11	20.281	4.056	1.034E-10
300				19.340	3.868	8.969E-11	18.636	3.727	8.024E-11	14.906	2.981	4.106E-11	17.963	3.593	7.187E-11	16.163	3.233	5.236E-11	12.001	2.400	2.143E-11	9.543	1.909	1.078E-11	14.985	2.997	4.172E-11
301				17.024	3.405	6.117E-11	22.878	4.576	1.485E-10	16.698	3.340	5.773E-11	11.156	2.231	1.722E-11	12.160	2.432	2.229E-11	21.272	4.254	1.193E-10	-3.973	0.000	0.000E+00	10.831	2.166	1.575E-11
302				15.061	3.012	4.236E-11	13.183	2.637	2.841E-11	12.851	2.570	2.631E-11	13.476	2.695	3.034E-11	12.138	2.428	2.217E-11	14.120	2.824	3.490E-11	7.685	1.537	5.627E-12	25.198	5.040	1.984E-10
303				12.011	2.402	2.149E-11	23.904	4.781	1.694E-10	14.988	2.998	4.175E-11	17.100	3.420	6.200E-11	17.668	3.534	6.838E-11	13.833	2.767	3.282E-11	16.622	3.324	5.694E-11	13.990	2.798	3.395E-11
304				14.814	2.963	4.031E-11	11.383	2.277	1.829E-11	15.666	3.133	4.767E-11	22.828	4.566	1.475E-10	17.460	3.492	6.000E-11	22.127	4.425	1.343E-10	-8.354	0.000	0.000E+00	13.856	2.771	3.298E-11
305				9.169	1.834	9.558E-12	24.898	4.980	1.914E-10	6.394	1.279	3.241E-12	14.469	2.894	3.756E-11	12.420	2.484	2.376E-11	11.090	2.218	1.691E-11	13.474	2.695	3.033E-11	16.112	3.222	5.186E-11
306				14.498	2.900	3.778E-11	10.178	2.036	1.307E-11	10.995	2.199	1.648E-11	13.206	2.641	2.856E-11	16.569	3.314	5.640E-11	28.923	5.785	3.000E-10	8.073	1.615	6.524E-12	18.592	3.718	7.968E-11
307				19.456	3.891	9.132E-11	6.275	1.255	3.064E-12	8.951	1.790	8.892E-12	12.739	2.548	2.564E-11	14.334	2.867	3.652E-11	11.301	2.260	1.789E-11	5.619	1.124	2.199E-12	7.859	1.572	6.018E-18

Data: Flyover 2 - Span 9 (34.75 m) - IG-04																										
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
333			12.583	2.517	2.470E-11				16.819	3.364	5.899E-11	11.289	2.258	1.784E-11	14.934	2.987	4.130E-11	6.448	1.290	3.324E-12	12.366	2.473	2.345E-11	14.017	2.803	3.415E-11
334			10.481	2.096	1.427E-11				13.349	2.670	2.950E-11	25.814	5.163	2.133E-10	16.402	3.280	5.471E-11	12.849	2.570	2.630E-11	13.014	2.603	2.733E-11	16.639	3.328	5.711E-11
335			13.203	2.641	2.854E-11				10.050	2.010	1.259E-11	10.455	2.091	1.417E-11	15.422	3.084	4.548E-11	12.884	2.577	2.652E-11	7.003	1.401	4.259E-12	13.383	2.677	2.972E-11
336			19.555	3.911	9.272E-11				13.211	2.642	2.859E-11	15.201	3.040	4.355E-11	7.468	1.494	5.164E-12	18.658	3.732	8.053E-11	14.559	2.912	3.826E-11	10.211	2.042	1.320E-11
337			17.392	3.478	6.522E-11				13.778	2.756	3.243E-11	10.859	2.172	1.588E-11	16.426	3.285	5.495E-11	17.944	3.589	7.164E-11	37.898	7.580	6.749E-10	9.048	1.810	9.184E-12
338			14.030	2.806	3.424E-11				19.560	3.912	9.279E-11	16.625	3.325	5.697E-11	21.047	4.209	1.156E-10	17.300	3.460	6.419E-11	36.354	7.271	5.957E-10	15.950	3.190	5.031E-11
339			12.479	2.496	2.409E-11				11.309	2.262	1.793E-11	14.675	2.935	3.919E-11	35.799	7.160	5.688E-10	16.898	3.380	5.983E-11	81.760	16.352	6.777E-09	93.059	18.612	9.992E-09
340			12.685	2.537	2.531E-11				16.794	3.359	5.873E-11	36.169	7.234	5.867E-10	14.624	2.925	3.878E-11	15.928	3.186	5.010E-11	14.488	2.898	3.771E-11	10.462	2.092	1.420E-11
341			57.604	11.521	2.370E-09				40.877	8.175	8.469E-10	8.686	1.737	8.126E-12	13.776	2.755	3.241E-11	10.548	2.110	1.455E-11	10.747	2.149	1.539E-11	16.202	3.240	5.273E-11
342			11.968	2.394	2.125E-11				10.756	2.151	1.543E-11	5.931	1.186	2.587E-12	25.169	5.034	1.977E-10	13.419	2.684	2.996E-11	21.058	4.212	1.158E-10	30.891	6.178	3.655E-10
343			11.123	2.225	1.706E-11				13.407	2.681	2.988E-11	26.728	5.346	2.368E-10	12.666	2.533	2.520E-11	12.899	2.580	2.661E-11	17.337	3.467	6.461E-11	9.551	1.910	1.080E-11
344			6.906	1.381	4.083E-12				14.642	2.928	3.892E-11	16.033	3.207	5.110E-11	14.835	2.967	4.048E-11	39.835	7.967	7.837E-10	9.238	1.848	9.777E-12	14.392	2.878	3.696E-11
345			8.229	1.646	6.910E-12				15.478	3.096	4.598E-11	6.369	1.274	3.204E-12	4.978	0.996	1.529E-12	14.492	2.898	3.774E-11	14.975	2.995	4.164E-11	16.848	3.370	5.930E-11
346			14.585	2.917	3.847E-11				15.426	3.085	4.551E-11	9.719	1.944	1.138E-11	8.743	1.749	8.286E-12	33.606	6.721	4.706E-10	18.133	3.627	7.393E-11	9.544	1.909	1.078E-11
347			31.651	6.330	3.931E-10				18.264	3.653	7.553E-11	9.793	1.959	1.165E-11	13.299	2.660	2.917E-11	17.937	3.587	7.155E-11	6.836	1.367	3.961E-12	27.544	5.509	2.591E-10
348			18.984	3.797	8.483E-11				19.671	3.934	9.437E-11	10.561	2.112	1.461E-11	34.091	6.818	4.912E-10	9.262	1.852	9.851E-12	16.531	3.306	5.601E-11	16.097	3.219	5.172E-11
349			17.918	3.584	7.132E-11				19.670	3.934	9.436E-11	18.454	3.691	7.792E-11	13.127	2.625	2.804E-11	-7.739	0.000	0.000E+00	14.248	2.850	3.587E-11	6.809	1.362	3.914E-12
350			10.403	2.081	1.396E-11				23.090	4.618	1.526E-10	13.361	2.672	2.957E-11	25.596	5.119	2.079E-10	14.822	2.964	4.038E-11	11.683	2.337	1.977E-11	15.145	3.029	4.307E-11
351			11.439	2.288	1.856E-11				16.943	3.389	6.031E-11	13.583	2.717	3.107E-11	11.084	2.217	1.688E-11	9.791	1.958	1.164E-11	13.609	2.722	3.125E-11	10.299	2.060	1.355E-11
352			14.588	2.918	3.849E-11				9.914	1.983	1.208E-11	14.284	2.857	3.614E-11	17.502	3.500	6.647E-11	19.552	3.910	9.267E-11	11.796	2.359	2.035E-11	11.146	2.229	1.717E-11
353			36.858	7.372	6.208E-10				7.753	1.551	5.778E-12	18.638	3.728	8.028E-11	9.449	1.890	1.046E-11	12.255	2.451	2.282E-11	14.420	2.884	3.717E-11	7.246	1.449	4.717E-12
354			14.920	2.984	4.118E-11				6.617	1.323	3.593E-12	22.157	4.431	1.349E-10	27.096	5.419	2.467E-10	8.364	1.673	7.256E-12	20.868	4.174	1.127E-10	18.695	3.739	8.101E-11
355			13.258	2.652	2.889E-11				18.727	3.745	8.144E-11	6.446	1.289	3.321E-12	35.665	7.133	5.625E-10	31.776	6.355	3.978E-10	14.307	2.861	3.631E-11	28.426	5.685	2.848E-10
356			29.227	5.845	3.096E-10				14.220	2.844	3.565E-11	11.906	2.381	2.093E-11	29.922	5.984	3.322E-10	-6.017	0.000	0.000E+00	15.827	3.165	4.916E-11	13.038	2.608	2.748E-11
357			12.501	2.500	2.422E-11				21.391	4.278	1.214E-10	10.468	2.094	1.422E-11	8.124	1.625	6.648E-12	11.576	2.315	1.924E-11	16.312	3.262	5.382E-11	5.449	1.090	2.006E-12
358			16.028	3.206	5.105E-11				54.747	10.949	2.035E-09	13.513	2.703	3.060E-11	9.261	1.852	9.849E-12	15.677	3.135	4.777E-11	18.351	3.670	7.662E-11	40.643	8.129	8.324E-10
359			7.368	1.474	4.960E-12				22.067	4.413	1.332E-10	20.398	4.080	1.052E-10	17.202	3.440	6.312E-11	21.619	4.324	1.253E-10	14.459	2.892	3.748E-11	6.553	1.311	3.489E-12
360			10.290	2.058	1.351E-11				19.318	3.864	8.939E-11	10.972	2.194	1.638E-11	12.337	2.467	2.328E-11	11.103	2.221	1.697E-11	14.441	2.888	3.734E-11			
361			18.269	3.654	7.561E-11				12.713	2.543	2.548E-11	13.750	2.750	3.223E-11	18.201	3.640	7.476E-11	15.045	3.009	4.222E-11	26.199	5.240	2.230E-10			
362			9.732	1.946	1.143E-11				9.719	1.944	1.138E-11	10.731	2.146	1.532E-11	7.320	1.464	4.864E-12	8.635	1.727	7.984E-12	22.949	4.590	1.499E-10			
363			37.162	7.432	6.364E-10				13.624	2.725	3.136E-11	14.275	2.855	3.607E-11	17.404	3.481	6.536E-11	10.539	2.108	1.452E-11	84.301	16.860	7.428E-09			
364			23.339	4.668	1.576E-10				15.576	3.115	4.685E-11	6.032	1.206	2.721E-12	12.964	2.593	2.702E-11	14.230	2.846	3.573E-11	13.687	2.737	3.180E-11			
365			6.832	1.366	3.954E-12				18.626	3.725	8.013E-11	10.078	2.016	1.269E-11	11.787	2.357	2.031E-11	50.725	10.145	1.618E-09	18.641	3.728	8.032E-11			
366			12.512	2.502	2.428E-11				15.512	3.102	4.628E-11	14.559	2.912	3.827E-11	11.984	2.397	2.134E-11	16.844	3.369	5.925E-11	34.718	6.944	5.189E-10			
367			15.186	3.037	4.342E-11				16.153	3.231	5.226E-11	9.356	1.871	1.015E-11	9.787	1.957	1.162E-11	16.207	3.241	5.278E-11	13.266	2.653	2.895E-11			
368			10.456	2.091	1.417E-11				12.494	2.499	2.418E-11	9.925	1.985	1.212E-11	23.036	4.607	1.516E-10	13.683	2.737	3.177E-11						

Data: Flyover 2 - Span 9 (34.75 m) - IG-04																										
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG14	200000	11.8097	SG14			SG14			SG14			SG14			SG14			SG14			SG14			SG14		
390															16.937	3.387	6.024E-11	31.558	6.312	3.897E-10						
391															18.907	3.781	8.380E-11	11.525	2.305	1.898E-11						
392															9.476	1.895	1.055E-11	11.077	2.215	1.685E-11						
393															14.867	2.973	4.074E-11	10.661	2.132	1.502E-11						
394																		31.576	6.315	3.903E-10						
395																		13.841	2.768	3.288E-11						
396																		7.295	1.459	4.813E-12						
397																		19.967	3.993	9.871E-11						
398																		6.121	1.224	2.844E-12						
399																		13.486	2.697	3.041E-11						
400																		15.451	3.090	4.573E-11						
401																		47.947	9.589	1.367E-09						
402																		14.030	2.806	3.425E-11						
403																		8.369	1.674	7.268E-12						
404																		42.581	8.516	9.573E-10						
405																		14.819	2.964	4.035E-11						

Flyover 2 - Span 9 (34.75 m) - IG-05
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Day 4			Summary Day 5			Day 6			Day 7			Day 8			Day 9	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage
Max.	22.620	1.794E-08	Max.	25.202	2.481E-08	Max.	11.185	2.169E-09	Max.	35.094	6.699E-08	Max.	10.982	2.053E-09	Max.	17.863	8.834E-09	Max.	16.817	7.371E-09	Max.	25.633	2.610E-08	Max.	21.023	1.440E-08
Cum.	-	2.891E-08	Cum.	-	8.423E-08	Cum.	-	1.683E-08	Cum.	-	1.872E-07	Cum.	-	2.259E-08	Cum.	-	3.577E-08	Cum.	-	2.861E-08	Cum.	-	9.560E-08	Cum.	-	4.150E-08

Data: Flyover 2 - Span 9 (34.75 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
1	47.351	9.470	1.316E-09	10.728	2.146	1.531E-11	4.994	0.999	1.544E-12	43.728	8.746	1.037E-09	7.008	1.402	4.268E-12	5.978	1.196	2.648E-12	49.530	9.906	1.507E-09	5.113	1.023	1.658E-12	3.615	0.723	5.856E-13
2	9.418	1.884	1.036E-11	12.874	2.575	2.645E-11	4.010	0.802	7.997E-13	6.990	1.398	4.235E-12	6.213	1.243	2.973E-12	7.688	1.538	5.633E-12	7.488	1.498	5.206E-12	12.500	2.500	2.422E-11	39.547	7.909	7.669E-10
3	7.982	1.596	6.306E-12	41.685	8.337	8.881E-10	10.436	2.087	1.409E-11	7.114	1.423	4.464E-12	7.866	1.573	6.035E-12	5.247	1.049	1.791E-12	7.740	1.548	5.750E-12	6.266	1.253	3.050E-12	14.073	2.815	3.456E-11
4	10.799	2.160	1.561E-11	7.086	1.417	4.412E-12	4.381	0.876	1.042E-12	3.134	0.627	3.815E-13	7.034	1.407	4.315E-12	6.303	1.261	3.105E-12	6.194	1.239	2.947E-12	-6.734	0.000	0.000E+00	7.852	1.570	6.004E-12
5	-5.652	0.000	0.000E+00	10.268	2.054	1.342E-11	5.059	1.012	1.606E-12	15.041	3.008	4.219E-11	14.129	2.826	3.497E-11	47.166	9.433	1.301E-09	6.760	1.352	3.830E-12	11.503	2.301	1.887E-11	5.758	1.152	2.367E-12
6	15.896	3.179	4.981E-11	7.926	1.585	6.174E-12	4.243	0.849	9.471E-13	1.878	0.376	8.215E-14	16.604	3.321	5.676E-11	11.068	2.214	1.681E-11	30.011	6.002	3.352E-10	5.903	1.181	2.550E-12	4.936	0.987	1.491E-12
7	9.604	1.921	1.098E-11	12.802	2.560	2.602E-11	-3.426	0.000	0.000E+00	3.145	0.629	3.857E-13	17.990	3.598	7.219E-11	5.273	1.055	1.817E-12	84.083	16.817	7.371E-09	5.968	1.194	2.636E-12	7.746	1.549	5.764E-12
8	8.053	1.611	6.475E-12	7.946	1.589	6.220E-12	6.234	1.247	3.003E-12	1.082	0.216	1.572E-14	4.871	0.974	1.433E-12	6.577	1.315	3.527E-12	5.058	1.012	1.604E-12	5.250	1.050	1.795E-12	7.546	1.509	5.327E-12
9	8.534	1.707	7.706E-12	10.941	2.188	1.624E-11	55.924	11.185	2.169E-09	1.490	0.298	4.101E-14	6.197	1.239	2.951E-12	40.766	8.153	8.400E-10	46.741	9.348	1.266E-09	8.853	1.771	8.604E-12	6.789	1.358	3.880E-12
10	10.639	2.128	1.493E-11	-3.879	0.000	0.000E+00	13.395	2.679	2.980E-11	4.862	0.972	1.425E-12	5.126	1.025	1.671E-12	5.622	1.124	2.203E-12	3.757	0.751	6.574E-13	-1.079	0.000	0.000E+00	1.789	0.358	7.093E-14
11	10.531	2.106	1.448E-11	4.358	0.872	1.026E-12	-1.168	0.000	0.000E+00	-2.510	0.000	0.000E+00	16.398	3.280	5.467E-11	8.226	1.645	6.902E-12	-11.186	0.000	0.000E+00	8.716	1.743	8.209E-12	7.173	1.435	4.575E-12
12	8.474	1.695	7.546E-12	5.876	1.175	2.516E-12	8.116	1.623	6.628E-12	5.893	1.179	2.537E-12	17.692	3.538	6.866E-11	5.522	1.104	2.088E-12	24.131	4.826	1.742E-10	3.229	0.646	4.176E-13	16.353	3.271	5.422E-11
13	-6.297	0.000	0.000E+00	5.722	1.144	2.322E-12	6.704	1.341	3.736E-12	9.152	1.830	9.506E-12	4.539	0.908	1.159E-12	8.378	1.676	7.293E-12	2.254	0.451	1.420E-13	23.804	4.761	1.672E-10	5.906	1.181	2.554E-12
14	7.714	1.543	5.692E-12	-3.332	0.000	0.000E+00	20.009	4.002	9.933E-11	5.411	1.082	1.964E-12	3.510	0.702	5.360E-13	6.777	1.355	3.859E-12	9.538	1.908	1.076E-11	2.253	0.451	1.417E-13	2.896	0.579	3.013E-13
15	8.737	1.747	8.269E-12	5.238	1.048	1.782E-12	3.852	0.770	7.088E-13	51.513	10.303	1.695E-09	26.367	5.273	2.273E-10	4.907	0.981	1.465E-12	2.337	0.467	1.583E-13	3.303	0.661	4.469E-13	4.161	0.832	8.935E-13
16	18.232	3.646	7.514E-11	60.135	12.027	2.696E-09	5.003	1.001	1.552E-12	6.546	1.309	3.478E-12	6.334	1.267	3.150E-12	21.945	4.389	1.310E-10	2.360	0.472	1.631E-13	6.601	1.320	3.566E-12	7.084	1.417	4.408E-12
17	17.497	3.499	6.641E-11	-2.036	0.000	0.000E+00	30.470	6.094	3.508E-10	38.544	7.709	7.100E-10	8.902	1.780	8.745E-12	7.314	1.463	4.852E-12	3.685	0.737	6.202E-13	1.782	0.356	7.019E-14	24.120	4.824	1.740E-10
18	-8.626	0.000	0.000E+00	30.553	6.111	3.536E-10	2.908	0.582	3.048E-13	5.548	1.110	2.117E-12	6.564	1.313	3.506E-12	5.927	1.185	2.582E-12	3.665	0.733	6.106E-13	15.420	3.084	4.546E-11	12.270	2.454	2.290E-11
19	3.832	0.766	6.975E-13	5.116	1.023	1.660E-12	6.509	1.302	3.420E-12	5.732	1.146	2.335E-12	8.265	1.653	7.001E-12	8.895	1.779	8.725E-12	10.024	2.005	1.249E-11	6.154	1.231	2.890E-12	9.882	1.976	1.197E-11
20	12.951	2.590	2.694E-11	4.633	0.927	1.233E-12	3.940	0.788	7.583E-13	-2.418	0.000	0.000E+00	8.873	1.775	8.663E-12	5.469	1.094	2.028E-12	32.376	6.475	4.208E-10	19.459	3.892	9.136E-11	40.150	8.030	8.025E-10
21	8.094	1.619	6.575E-12	5.741	1.148	2.346E-12	0.094	1.819	9.325E-12	8.571	1.714	7.806E-12	6.545	1.309	3.476E-12	21.677	4.335	1.263E-10	6.644	1.329	3.637E-12	6.629	1.326	3.613E-12	7.237	0.447	1.387E-13
22	7.954	1.591	6.240E-12	7.478	1.496	5.186E-12	13.318	2.664	2.929E-11	6.790	1.358	3.882E-12	5.514	1.103	2.079E-12	-4.683	0.000	0.000E+00	5.343	1.069	1.892E-12	3.817	0.763	6.897E-13	7.438	1.488	5.102E-12
23	12.797	2.559	2.598E-11	5.755	1.151	2.363E-12	5.076	1.015	1.622E-12	5.134	1.027	1.678E-12	10.403	2.081	1.396E-11	12.426	2.485	2.379E-11	5.915	1.183	2.566E-12	5.897	1.179	2.543E-12	-14.163	0.000	0.000E+00
24	39.611	7.922	7.706E-10	13.004	2.601	2.726E-11	11.037	2.207	1.667E-11	6.580	1.316	3.532E-12	8.963	1.793	8.928E-12	6.513	1.303	3.426E-12	-3.171	0.000	0.000E+00	3.880	0.776	7.241E-13	-10.634	0.000	0.000E+00
25	5.423	1.085	1.977E-12	27.668	5.534	2.626E-10	5.315	1.063	1.862E-12	5.339	1.068	1.887E-12	9.701	1.940	1.132E-11	6.687	1.337	3.708E-12	8.849	1.770	8.593E-12	3.325	0.665	4.556E-13	3.188	0.638	4.016E-13
26	13.808	2.762	3.264E-11	5.907	1.181	2.556E-12	8.221	1.644	6.889E-12	8.007	1.601	6.365E-12	11.089	2.218	1.691E-11	4.429	0.886	1.077E-12	7.510	1.502	5.251E-12	3.334	0.667	4.597E-13	20.665	4.133	1.094E-10
27	-2.355	0.000	0.000E+00	6.291	1.258	3.087E-12	6.175	1.235	2.919E-12	12.092	2.418	2.192E-11	7.823	1.565	5.937E-12	50.601	10.120	1.606E-09	4.196	0.839	9.159E-13	8.718	1.744	8.216E-12	8.461	1.692	7.511E-12
28	7.176	1.435	4.581E-12	8.199	1.640	6.834E-12	4.710	0.942	1.295E-12	22.107	4.421	1.340E-10	-7.846	0.000	0.000E+00	42.280	8.456	9.371E-10	42.467	8.493	9.496E-10	-2.654	0.000	0.000E+00	-8.466	0.000	0.000E+00
29	8.241	1.648	6.941E-12	12.265	2.453	2.287E-11	2.567	0.513	2.096E-13	9.443	1.889	1.044E-11	5.625	1.125	2.207E-12	10.329	2.066	1.366E-11	7.119	1.424	4.474E-12	-4.986	0.000	0.000E+00	8.571	1.714	7.807E-12
30	12.053	2.411	2.171E-11	4.753	0.951	1.332E-12	9.569	1.914	1.086E-11	11.633	2.327	1.952E-11	5.575	1.115	2.148E-12	6.991	1.398	4.237E-12	6.632	1.326	3.616E-12	10.197	2.039	1.315E-11	5.687	1.137	2.280E-12
31	4.787	0.957	1.361E-12	9.308	1.862	9.999E-12	-3.221	0.000	0.000E+00	3.950	0.790	7.640E-13	-5.845	0.000	0.000E+00	-5.442	0.000	0.000E+00	-3.920	0.000	0.000E+00	9.895	1.979	1.201E-11	6.204	1.241	2.961E-12
32	8.084	1.617	6.550E-12	5.528	1.106	2.095E-12	6.879	1.376	4.036E-12	9.387	1.877	1.026E-11	6.029	1.206	2.717E-12	4.519	0.904	1.144E-12	5.094	1.019	1.639E-12	11.234	2.247	1.758E-11	8.355	1.671	7.231E-12
33	9.919	1.984	1.210E-11	8.030	1.606	6.421E-12	17.041	3.408	6.136E-11	10.511	2.102	1.440E-11	14.172	2.834	3.529E-11	4.521	0.904	1.146E-12	10.726	2.145	1.530E-11	16.253	3.251	5.323E-11	8.091	1.618	6.566E-12
34	23.923	4.785	1.698E-10	5.531	1.106	2.097E-12	40.581	8.116	8.286E-10	5.945	1.809	9.175E-12	5.804	1.161	2.424E-12	5.064	1.013	1.610E-12	7.219	1.444	4.665E-12	46.658	9.332	1.259E-09	3.485	0.697	5.247E-13
35	46.918	9.384	1.281E-09	9.161	1.832	9.534E-12	46.419	9.124	1.222E-12	40.619	8.242	1.285E-12	25.233	5.047	1.992E-10	7.910	1.582	2.107E-12	5.539	1.108	2.107E-12	8.229	1.646	6.909E-12	9.486	1.897	1.058E-11
36	9.151																										

Data: Flyover 2 - Span 9 (34.75 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
48	9.602	1.920	1.098E-11	5.060	1.012	1.606E-12	9.274	1.855	9.890E-12	8.143	1.629	6.696E-12	5.886	1.177	2.528E-12	-5.515	0.000	0.000E+00	7.430	1.486	5.086E-12	6.955	1.391	4.171E-12	9.555	1.911	1.082E-11
49	8.291	1.658	7.068E-12	30.888	6.178	3.654E-10	5.047	1.009	1.594E-12	-5.511	0.000	0.000E+00	7.338	1.468	4.899E-12	13.845	2.769	3.291E-11	7.294	1.459	4.812E-12	7.164	1.433	4.558E-12	34.274	6.855	4.992E-10
50	-6.426	0.000	0.000E+00	10.832	2.166	1.576E-11	7.573	1.515	5.386E-12	-5.548	0.000	0.000E+00	-4.411	0.000	0.000E+00	-8.126	0.000	0.000E+00	5.690	1.138	2.284E-12	7.196	1.439	4.620E-12	6.321	1.264	3.131E-12
51	42.906	8.581	9.793E-10	-7.176	0.000	0.000E+00	7.873	1.575	6.051E-12	8.233	1.647	6.920E-12	6.826	1.365	3.943E-12	9.252	1.850	9.820E-12	-7.628	0.000	0.000E+00	11.182	2.236	1.733E-11	10.539	2.108	1.451E-11
52	7.611	1.522	5.468E-12	11.116	2.223	1.703E-11	6.266	1.253	3.050E-12	6.917	1.383	4.103E-12	11.643	2.329	1.957E-11	10.736	2.147	1.534E-11	9.140	1.828	9.466E-12	10.887	2.177	1.600E-11	10.073	2.015	1.267E-11
53	-5.062	0.000	0.000E+00	-7.112	0.000	0.000E+00	6.194	1.239	2.947E-12	6.507	1.301	3.416E-12	7.791	1.558	5.864E-12	10.905	2.181	1.608E-11	11.484	2.297	1.878E-11	8.549	1.710	7.747E-12	8.046	1.609	6.458E-12
54	18.635	3.727	8.024E-11	16.288	3.258	5.358E-11	15.580	3.116	4.689E-11	8.787	1.757	8.413E-12	6.740	1.348	3.797E-12	-13.571	0.000	0.000E+00	7.300	1.460	4.824E-12	8.599	1.720	7.885E-12	8.711	1.742	8.196E-12
55	-8.738	0.000	0.000E+00	8.076	1.615	6.530E-12	10.729	2.146	1.531E-11	11.687	2.337	1.979E-11	6.756	1.351	3.824E-12	12.086	2.417	2.189E-11	6.827	1.365	3.946E-12	6.074	1.215	2.778E-12	6.681	1.336	3.698E-12
56	4.191	0.838	9.125E-13	6.574	1.315	3.524E-12	49.633	9.927	1.516E-09	7.519	1.504	5.271E-12	7.981	1.596	6.303E-12	9.081	1.816	9.284E-12	8.777	1.755	8.384E-12	9.173	1.835	9.569E-12	4.765	0.953	1.341E-12
57	7.244	1.449	4.714E-12	44.601	8.920	1.100E-09	12.025	2.405	2.156E-11	8.729	1.746	8.246E-12	8.412	1.682	7.381E-12	9.163	1.833	9.541E-12	7.981	1.596	6.302E-12	7.045	1.409	4.336E-12	5.219	1.044	1.762E-12
58	8.364	1.673	7.254E-12	5.620	1.124	2.201E-12	-6.307	0.000	0.000E+00	8.178	1.636	6.781E-12	9.720	1.944	1.139E-11	6.222	1.244	2.986E-12	-7.156	0.000	0.000E+00	8.734	1.747	8.260E-12	-2.723	0.000	0.000E+00
59	7.603	1.521	5.449E-12	11.268	2.254	1.774E-11	5.974	1.195	2.643E-12	9.765	1.953	1.155E-11	9.735	1.947	1.144E-11	7.299	1.460	4.822E-12	-6.024	0.000	0.000E+00	10.213	2.043	1.321E-11	6.747	1.349	3.809E-12
60	3.970	0.794	7.760E-13	6.767	1.353	3.842E-12	-6.673	0.000	0.000E+00	17.164	3.433	6.270E-11	54.617	10.923	2.020E-09	9.963	1.993	1.226E-11	7.700	1.540	5.661E-12	9.199	1.840	9.652E-12	5.274	1.055	1.819E-12
61	12.451	2.490	2.394E-11	7.453	1.491	5.134E-12	4.324	0.865	1.002E-12	9.167	1.833	9.551E-12	8.379	1.676	7.293E-12	-6.166	0.000	0.000E+00	4.789	0.958	1.362E-12	-6.592	0.000	0.000E+00	9.056	1.811	9.028E-12
62	7.756	1.551	5.786E-12	9.552	1.910	1.081E-11	4.897	0.979	1.456E-12	9.885	1.977	1.197E-11	20.141	4.028	1.013E-10	5.323	2.065	1.870E-12	5.942	1.188	2.601E-12	6.685	1.337	3.704E-12	7.066	1.413	4.374E-12
63	8.732	1.746	8.255E-12	7.323	1.465	4.870E-12	6.681	1.396	3.698E-12	7.656	1.531	5.564E-12	7.403	1.481	5.030E-12	11.059	2.212	1.816E-11	11.356	2.271	1.816E-11	6.746	1.349	3.807E-12	8.185	1.637	6.798E-12
64	7.615	1.523	5.475E-12	55.079	11.016	2.072E-09	7.941	1.588	6.210E-12	21.936	4.387	1.309E-10	16.591	3.318	5.662E-11	-3.980	0.000	0.000E+00	11.463	2.293	1.867E-11	6.944	1.389	4.152E-12	8.335	1.667	7.180E-12
65	4.477	0.895	1.113E-12	5.248	1.050	1.792E-12	4.983	0.997	1.534E-12	10.559	2.112	1.459E-11	9.930	1.986	1.214E-11	-5.250	0.000	0.000E+00	8.057	1.611	6.484E-12	-4.442	0.000	0.000E+00	15.395	3.079	4.524E-11
66	9.096	1.819	9.333E-12	6.653	1.331	3.652E-12	8.969	1.794	8.947E-12	11.801	2.360	2.038E-11	9.733	1.947	1.143E-11	6.475	1.295	3.367E-12	-6.137	0.000	0.000E+00	11.691	2.338	1.981E-11	7.968	1.594	6.272E-12
67	7.532	1.506	5.298E-12	-7.768	0.000	0.000E+00	6.899	1.380	4.071E-12	7.056	1.411	4.357E-12	11.077	2.215	1.685E-11	-6.646	0.000	0.000E+00	8.202	1.640	6.842E-12	7.503	1.501	5.236E-12	12.272	2.454	2.291E-11
68	10.148	2.030	1.296E-11	10.630	2.126	1.489E-11	7.286	1.457	4.796E-12	8.994	1.799	9.022E-12	4.251	0.850	9.522E-13	10.391	2.078	1.391E-11	6.172	1.234	2.916E-12	13.231	2.646	2.872E-11	10.770	2.154	1.549E-11
69	6.370	1.274	3.205E-12	-6.363	0.000	0.000E+00	18.659	3.732	8.054E-11	5.613	1.123	2.193E-12	-4.253	0.000	0.000E+00	-5.609	0.000	0.000E+00	11.566	2.313	1.918E-11	-3.975	0.000	0.000E+00	6.169	1.234	2.911E-12
70	19.498	3.900	9.191E-11	26.033	5.207	2.188E-10	8.265	1.653	7.001E-12	4.692	0.938	1.280E-12	6.909	1.382	4.088E-12	-5.274	0.000	0.000E+00	5.889	1.178	2.533E-12	9.689	1.938	1.128E-11	-4.588	0.000	0.000E+00
71	-6.577	0.000	0.000E+00	5.097	1.019	1.642E-12	4.603	0.921	1.209E-12	15.634	3.027	4.738E-11	8.982	1.796	9.848E-12	11.673	2.335	1.972E-11	9.474	1.895	1.054E-11	15.019	3.004	4.201E-11	11.293	2.259	1.786E-11
72	113.102	22.620	1.794E-08	11.535	2.307	1.903E-11	6.749	1.350	3.811E-12	4.302	0.860	9.872E-13	39.072	7.814	7.396E-10	-5.936	0.000	0.000E+00	26.553	5.311	2.321E-10	9.201	1.840	9.658E-12	12.135	2.427	2.216E-11
73	8.826	1.765	8.525E-12	6.375	1.275	3.213E-12	3.969	0.794	7.755E-13	8.566	1.713	7.793E-12	7.925	1.585	6.172E-12	18.577	3.715	7.949E-11	6.534	1.307	3.459E-12	6.101	1.220	2.816E-12	-6.110	0.000	0.000E+00
74	46.841	9.368	1.274E-09	9.968	1.994	1.228E-11	6.677	1.335	3.690E-12	10.591	2.118	1.473E-11	15.650	3.130	4.753E-11	6.239	1.248	3.011E-12	-5.288	0.000	0.000E+00	-3.426	0.000	0.000E+00	8.956	1.791	8.906E-12
75	-10.092	0.000	0.000E+00	4.553	0.911	1.170E-12	6.929	1.386	4.124E-12	-7.736	0.000	0.000E+00	8.501	1.700	7.618E-12	-6.790	0.000	0.000E+00	-3.754	0.000	0.000E+00	45.048	9.010	1.133E-09	10.980	2.196	1.641E-11
76	6.377	1.275	3.216E-12	11.065	2.213	1.680E-11	6.710	1.342	3.745E-12	6.171	1.234	2.914E-12	13.311	2.662	2.924E-11	6.106	1.221	2.822E-12	-5.456	0.000	0.000E+00	-7.573	0.000	0.000E+00	36.478	7.296	6.018E-10
77	3.845	0.769	7.047E-13	6.346	1.269	3.169E-12	10.657	2.131	1.501E-11	9.530	1.906	1.073E-11	-6.527	0.000	0.000E+00	13.891	2.778	3.324E-11	9.256	1.851	9.834E-12	7.586	1.517	5.412E-12	-5.810	0.000	0.000E+00
78	8.660	1.732	8.053E-12	9.632	1.926	1.108E-11	-3.026	0.000	0.000E+00	7.865	1.573	6.033E-12	11.456	2.291	1.864E-11	-6.036	0.000	0.000E+00	8.213	1.643	6.868E-12	13.227	2.645	2.870E-11	-6.669	1.334	3.678E-12
79	42.367	8.473	9.429E-10	-7.840	0.000	0.000E+00	6.718	1.344	3.760E-12	-7.734	0.000	0.000E+00	5.859	1.172	2.494E-12	-12.281	0.000	0.000E+00	-4.926	0.000	0.000E+00	5.974	1.195	2.644E-12	4.100	0.820	8.547E-13
80	14.091	2.818	3.469E-11	4.456	0.891	1.097E-12	52.570	10.514	1.801E-09	11.417	2.283	1.845E-11	7.288	1.458	4.800E-12	11.236	2.247	1.759E-11	-9.036	0.000	0.000E+00	23.686	4.737	1.648E-10	7.776	1.555	5.829E-12
81	7.668	1.534	5.590E-12	7.907	1.581	6.129E-12	-6.299	0.000	0.000E+00	4.013	0.803	8.014E-13	13.053	2.611	2.757E-11	-4.389	0.000	0.000E+00	14.379	2.876	3.686E-11	5.772	1.154	2.384E-12	7.770	1.554	5.817E-12
82	2.953	0.591	3.193E-13	-4.513	0.000	0.000E+00	27.587	5.517	2.603E-10	8.217	1.643	6.880E-12	7.585	1.517	5.410E-12	5.003	1.001	1.553E-12	-7.468	0.000	0.000E+00	-4.935	0.000	0.000E+00	3.110	0.622	3.728E-13
83	9.960	1.992	1.225E-11	9.777	1.955	1.159E-11	8.202	1.640	6.842E-12	6.879	1.376	4.036E-12	8.777	1.755	8.384E-12	11.036	2.207	1.667E-11	9.102	1.820	9.349E-12	-5.837	0.000	0.000E+00	8.968	1.794	8.944E-12

Data: Flyover 2 - Span 9 (34.75 m) - IG-05																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
105	8.882	1.776	8.688E-12	36.224	7.245	5.894E-10	6.260	1.252	3.041E-12	8.652	1.730	8.030E-12	8.955	1.791	8.903E-12	11.389	2.278	1.832E-11	5.581	1.116	2.156E-12	38.044	7.609	6.828E-10	5.184	1.037	1.727E-12
106	45.378	9.076	1.159E-09	13.344	2.669	2.946E-11	6.643	1.329	3.635E-12	38.150	7.630	6.884E-10	5.955	1.191	2.618E-12	11.464	2.293	1.868E-11	16.433	3.287	5.503E-11	56.587	11.317	2.247E-09	13.034	2.607	2.745E-11
107	14.320	2.864	3.641E-11	4.704	0.941	1.291E-12	8.135	1.627	6.674E-12	18.705	3.741	8.114E-11	9.176	1.835	9.580E-12	10.500	2.100	1.435E-11	7.456	1.491	5.139E-12	22.731	4.546	1.456E-10	3.714	0.743	6.351E-13
108	9.262	1.852	9.853E-12	-5.473	0.000	0.000E+00	7.723	1.545	5.711E-12	11.456	2.291	1.864E-11	5.916	1.183	2.568E-12	8.345	1.669	7.205E-12	8.164	1.633	6.746E-12	-6.352	0.000	0.000E+00	8.810	1.762	8.478E-12
109				7.104	1.421	4.446E-12	11.015	2.203	1.657E-11	6.192	1.238	2.944E-12	-5.329	0.000	0.000E+00	-2.847	0.000	0.000E+00	5.199	1.040	1.743E-12	-9.478	0.000	0.000E+00	10.465	2.093	1.421E-11
110				6.491	1.298	3.390E-12	7.161	1.432	4.553E-12	-8.332	0.000	0.000E+00	11.614	2.323	1.942E-11	11.241	2.248	1.761E-11	8.613	1.723	7.924E-12	20.462	4.092	1.062E-10	10.337	2.067	1.370E-11
111				9.675	1.935	1.123E-11	6.957	1.391	4.174E-12	22.850	4.570	1.479E-10	9.937	1.987	1.217E-11	-6.467	0.000	0.000E+00	6.684	1.337	3.702E-12	9.560	1.912	1.083E-11	14.864	2.973	4.072E-11
112				4.067	0.813	8.340E-13	7.059	1.412	4.362E-12	-6.724	0.000	0.000E+00	8.119	1.624	6.636E-12	-6.435	0.000	0.000E+00	4.042	0.808	8.191E-13	10.428	2.086	1.406E-11	3.454	0.691	5.110E-13
113				-7.018	0.000	0.000E+00	9.863	1.973	1.190E-11	7.967	1.593	6.271E-12	8.458	1.692	7.503E-12	8.391	1.678	7.325E-12	4.010	0.802	7.995E-13	5.969	1.194	2.637E-12	5.648	1.130	2.233E-12
114				-10.509	0.000	0.000E+00	6.265	1.253	3.048E-12	6.258	1.252	3.039E-12	14.665	2.933	3.910E-11	52.833	10.567	1.829E-09	8.675	1.735	8.094E-12	24.056	4.811	1.726E-10	8.599	1.720	7.885E-12
115				10.883	2.177	1.598E-11	10.256	2.051	1.338E-11	10.756	2.151	1.543E-11	8.176	1.635	6.776E-12	-3.334	0.000	0.000E+00	11.853	2.371	2.065E-11	4.594	0.919	1.202E-12	9.917	1.983	1.209E-11
116				11.303	2.261	1.790E-11	5.313	1.063	1.860E-12	9.889	1.978	1.199E-11	6.644	1.329	3.636E-12	9.848	1.970	1.184E-11	8.311	1.662	7.118E-12	13.056	2.611	2.759E-11	-7.237	0.000	0.000E+00
117				8.799	1.760	8.447E-12	4.505	0.901	1.134E-12	6.711	1.342	3.748E-12	11.238	2.248	1.760E-11	-5.554	0.000	0.000E+00	5.060	1.012	1.606E-12	8.988	1.798	9.004E-12	41.611	8.322	8.933E-10
118				9.787	1.957	1.162E-11	-8.702	0.000	0.000E+00	28.723	5.745	2.938E-10	13.006	2.601	2.728E-11	6.096	1.219	2.809E-12	6.465	1.293	3.351E-12	10.873	2.175	1.594E-11	10.206	2.041	1.318E-11
119				4.961	0.992	1.514E-12	7.629	1.526	5.505E-12	10.321	2.064	1.363E-11	5.639	1.128	2.232E-12	12.129	2.426	2.213E-11	6.315	1.263	3.123E-12	7.873	1.575	6.052E-12	5.913	1.183	2.564E-12
120				9.351	1.870	1.014E-11	6.069	1.214	2.772E-12	6.548	1.310	3.481E-12	8.284	1.657	7.048E-12	24.490	4.898	1.821E-10	7.923	1.585	6.167E-12	6.097	1.219	2.811E-12	-7.680	0.000	0.000E+00
121				7.312	1.462	4.847E-12	8.920	1.784	8.799E-12	10.213	2.043	1.321E-11	-8.161	0.000	0.000E+00	9.057	1.811	9.211E-12	7.295	1.459	4.814E-12	6.248	1.250	3.024E-12	12.364	2.473	2.343E-11
122				-5.578	0.000	0.000E+00	8.611	1.722	7.918E-12	7.483	1.497	5.195E-12	6.546	1.309	3.478E-12	-4.898	0.000	0.000E+00	13.676	2.735	3.171E-11	13.253	2.651	2.886E-11	6.978	1.396	4.214E-12
123				5.487	1.097	2.048E-12	9.086	1.817	9.301E-12	-7.004	0.000	0.000E+00	-9.768	0.000	0.000E+00	13.560	2.712	3.091E-11	6.908	1.382	4.088E-12	-7.213	0.000	0.000E+00	7.763	1.553	5.800E-12
124				6.179	1.236	2.924E-12	11.566	2.313	1.918E-11	5.897	1.179	2.542E-12	42.938	8.588	9.816E-10	-6.222	0.000	0.000E+00	6.607	1.321	3.576E-12	4.026	0.805	8.089E-13	6.209	1.242	2.968E-12
125				-6.495	0.000	0.000E+00	14.351	2.870	3.665E-11	11.061	2.212	1.678E-11	13.621	2.724	3.133E-11	-6.067	0.000	0.000E+00	8.158	1.632	6.732E-12	13.401	2.680	2.984E-11	-9.565	0.000	0.000E+00
126				24.801	4.960	1.891E-10	3.816	0.763	6.890E-13	8.540	1.708	7.723E-12	-4.851	0.000	0.000E+00	11.073	2.215	1.684E-11	11.780	2.356	2.027E-11	10.734	2.147	1.533E-11	9.234	1.847	9.764E-12
127				5.108	1.022	1.653E-12	6.965	1.393	4.189E-12	10.465	2.093	1.421E-11	14.342	2.868	3.658E-11	7.745	1.549	5.760E-12	12.055	2.411	2.172E-11	5.246	1.049	1.790E-12	8.280	1.656	7.039E-12
128				12.059	2.412	2.174E-11	10.814	2.163	1.568E-11	-5.187	0.000	0.000E+00	9.555	1.911	1.082E-11	7.771	1.554	5.818E-12	11.546	2.309	1.908E-11	22.680	4.536	1.446E-10	10.512	2.102	1.440E-11
129				13.417	2.683	2.995E-11	14.558	2.912	3.825E-11	17.366	3.473	6.493E-11	13.544	2.709	3.081E-11	-5.981	0.000	0.000E+00	7.743	1.549	5.757E-12	9.370	1.874	1.020E-11	11.097	2.219	1.694E-11
130				6.165	1.233	2.906E-12	30.954	6.191	3.677E-10	-7.766	0.000	0.000E+00	10.950	2.190	1.628E-11	13.661	2.732	3.161E-11	-6.134	0.000	0.000E+00	12.413	2.483	2.371E-11	6.426	1.285	3.290E-12
131				-6.305	0.000	0.000E+00	-3.880	0.000	0.000E+00	9.515	1.903	1.068E-11	-5.347	0.000	0.000E+00	12.406	2.481	2.368E-11	6.299	1.260	3.099E-12	11.619	2.324	1.945E-11	10.401	2.080	1.395E-11
132				-7.792	0.000	0.000E+00	13.742	2.748	3.218E-11	10.418	2.084	1.402E-11	6.483	1.297	3.378E-12	7.551	1.510	5.339E-12	14.618	2.924	3.873E-11	8.392	1.678	7.329E-12	7.906	1.581	6.127E-12
133				6.595	1.319	3.557E-12	-6.451	0.000	0.000E+00	5.267	1.053	1.812E-12	9.952	1.990	1.222E-11	25.095	5.019	1.959E-10	14.604	2.921	3.862E-11	6.718	1.344	3.759E-12	14.504	2.901	3.783E-11
134				12.976	2.595	2.709E-11	12.535	2.507	2.442E-11	44.200	8.840	1.071E-09	9.611	1.922	1.101E-11	12.069	2.414	2.180E-11	-9.643	0.000	0.000E+00	-5.336	0.000	0.000E+00	8.826	1.765	8.524E-12
135				8.924	1.785	8.813E-12	-4.753	0.000	0.000E+00	6.818	1.364	3.930E-12	-8.211	0.000	0.000E+00	7.268	1.454	4.759E-12	26.414	5.283	2.285E-10	10.987	2.197	1.645E-11	5.499	1.100	2.062E-12
136				7.746	1.549	5.763E-12	8.061	1.612	6.494E-12	9.713	1.943	1.136E-11	9.395	1.879	1.028E-11	7.488	1.498	5.206E-12	6.873	1.375	4.026E-12	-5.225	0.000	0.000E+00	7.504	1.501	5.238E-12
137				14.997	2.999	4.182E-11	17.642	3.528	6.808E-11	5.0																	

Data: Flyover 2 - Span 9 (34.75 m) - IG-05																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
162				10.263	2.053	1.340E-11	7.373	1.475	4.969E-12	7.292	1.458	4.808E-12	4.562	0.912	1.177E-12	-9.579	0.000	0.000E+00	18.399	3.680	7.723E-11	7.985	1.597	6.313E-12	14.304	2.861	3.629E-11
163				9.043	1.809	9.169E-12	8.374	1.675	7.281E-12	7.097	1.419	4.432E-12	10.172	2.034	1.305E-11	9.418	1.884	1.036E-11	5.532	1.106	2.100E-12	10.375	2.075	1.385E-11	-4.673	0.000	0.000E+00
164				-5.954	0.000	0.000E+00	8.583	1.717	7.839E-12	14.479	2.896	3.764E-11	7.287	1.457	4.797E-12	9.944	1.989	1.219E-11	28.190	5.638	2.778E-10	12.743	2.549	2.565E-11	-6.963	0.000	0.000E+00
165				11.058	2.212	1.677E-11	7.387	1.477	4.998E-12	19.253	3.851	8.849E-11	11.241	2.248	1.761E-11	-5.044	0.000	0.000E+00	12.137	2.427	2.217E-11	-5.707	0.000	0.000E+00	9.660	1.932	1.118E-11
166				-4.980	0.000	0.000E+00	9.922	1.984	1.211E-11	11.911	2.382	2.095E-11	9.941	1.988	1.218E-11	11.124	2.225	1.707E-11	-6.392	0.000	0.000E+00	10.720	2.144	1.527E-11	5.999	1.200	2.676E-12
167				11.719	2.344	1.996E-11	9.607	1.921	1.099E-11	-4.074	0.000	0.000E+00	3.796	0.759	6.785E-13	-5.477	0.000	0.000E+00	9.307	1.861	9.997E-12	7.455	1.491	5.137E-12	6.852	1.370	3.989E-12
168				5.102	1.020	1.647E-12	3.951	0.790	7.647E-13	7.927	1.585	6.177E-12	10.093	2.019	1.275E-11	-5.778	0.000	0.000E+00	23.973	4.795	1.708E-10	-4.718	0.000	0.000E+00	8.230	1.646	6.911E-12
169				13.415	2.683	2.994E-11	7.029	1.406	4.306E-12	8.470	1.694	7.534E-12	9.137	1.827	9.458E-12	4.358	0.872	1.026E-12	17.015	3.403	6.108E-11	7.944	1.589	6.217E-12	29.011	5.802	3.028E-10
170				10.805	2.161	1.564E-11	6.258	1.252	3.039E-12	23.827	4.765	1.677E-10	6.345	1.269	3.168E-12	6.173	1.235	2.916E-12	10.016	2.003	1.246E-11	11.689	2.338	1.980E-11	63.209	12.642	3.131E-09
171				7.861	1.572	6.023E-12	7.944	1.589	6.215E-12	-6.162	0.000	0.000E+00	8.291	1.658	7.066E-12	14.771	2.954	3.996E-11	-7.247	0.000	0.000E+00	6.637	1.327	3.625E-12	13.768	2.754	3.236E-11
172				-7.660	0.000	0.000E+00	13.245	2.649	2.881E-11	175.471	35.094	6.699E-08	6.498	1.300	3.402E-12	11.174	2.235	1.730E-11	23.415	4.683	1.592E-10	6.960	1.392	4.180E-12	-3.786	0.000	0.000E+00
173				40.422	8.084	8.189E-10	-5.428	0.000	0.000E+00	9.304	1.861	9.986E-12	-8.558	0.000	0.000E+00	-5.656	0.000	0.000E+00	7.263	1.453	4.750E-12	5.748	1.150	2.355E-12	-6.027	0.000	0.000E+00
174				5.953	1.191	2.616E-12	12.252	2.450	2.280E-11	14.342	2.868	3.658E-11	6.532	1.306	3.455E-12	-6.805	0.000	0.000E+00	10.499	2.100	1.435E-11	9.785	1.957	1.162E-11	7.532	1.506	5.298E-12
175				16.324	3.265	5.394E-11	4.483	0.897	1.117E-12	8.536	1.707	7.711E-12	11.709	2.342	1.991E-11	7.835	1.567	5.965E-12	21.823	4.365	1.289E-10	9.445	1.889	1.045E-11	10.722	2.144	1.528E-11
176				-4.775	0.000	0.000E+00	8.304	1.661	7.100E-12	6.442	1.288	3.314E-12	8.275	1.655	7.025E-12	8.647	1.729	8.017E-12	8.945	1.789	8.875E-12	16.897	3.379	5.982E-11	7.897	1.579	6.107E-12
177				7.518	1.504	5.269E-12	11.262	2.252	1.771E-11	7.928	1.586	6.179E-12	-7.144	0.000	0.000E+00	9.609	1.922	1.100E-11	8.411	1.682	7.379E-12	-5.955	0.000	0.000E+00	8.803	1.761	8.459E-12
178				4.743	0.949	1.323E-12	18.088	3.618	7.338E-11	9.842	1.968	1.182E-11	9.174	1.835	9.573E-12	7.155	1.431	4.542E-12	9.304	1.861	9.987E-12	79.515	15.903	6.234E-09	-6.324	0.000	0.000E+00
179				7.542	1.508	5.319E-12	42.648	8.530	9.618E-10	15.071	3.014	4.245E-11	8.000	1.600	6.348E-12	8.452	1.690	7.487E-12	12.684	2.537	2.530E-11	10.254	2.051	1.337E-11	26.349	5.270	2.268E-10
180				6.631	1.326	3.615E-12	-4.942	0.000	0.000E+00	9.149	1.830	9.495E-12	-8.726	0.000	0.000E+00	18.234	3.647	7.517E-11	8.915	1.783	8.787E-12	12.741	2.548	2.565E-11	7.502	1.500	5.236E-12
181				22.593	4.519	1.430E-10	8.191	1.638	6.814E-12	29.231	5.846	3.097E-10	11.458	2.292	1.865E-11	10.404	2.081	1.396E-11	5.506	1.101	2.070E-12	5.808	1.162	2.429E-12	7.383	1.477	4.989E-12
182				6.305	1.261	3.108E-12	11.000	2.200	1.650E-11	6.582	1.316	3.535E-12	-5.276	0.000	0.000E+00	10.185	2.037	1.310E-11	-5.923	0.000	0.000E+00	47.559	9.512	1.334E-09	8.520	1.704	7.669E-12
183				7.112	1.422	4.460E-12	5.766	1.153	2.377E-12	13.726	2.745	3.207E-11	8.287	1.657	7.056E-12	7.395	1.479	5.014E-12	9.703	1.941	1.133E-11	30.942	6.188	3.673E-10	7.763	1.553	5.801E-12
184				14.167	2.833	3.526E-11	5.555	1.111	2.125E-12	5.843	1.169	2.473E-12	-8.248	0.000	0.000E+00	6.042	1.208	2.735E-12	8.562	1.712	7.783E-12	8.170	1.634	6.762E-12	-6.149	0.000	0.000E+00
185				12.861	2.572	2.637E-11	8.388	1.678	7.318E-12	16.945	3.389	6.032E-11	-4.294	0.000	0.000E+00	3.085	0.617	3.639E-13	13.793	2.759	3.253E-11	8.229	1.646	6.909E-12	7.911	1.582	6.139E-12
186				7.300	1.460	4.823E-12	7.148	1.430	4.528E-12	7.870	1.574	6.045E-12	-6.542	0.000	0.000E+00	9.771	1.954	1.157E-11	8.285	1.657	7.051E-12	8.683	1.737	8.116E-12	-6.556	0.000	0.000E+00
187				9.934	1.987	1.216E-11	12.129	2.426	2.212E-11	3.991	0.798	7.881E-13	8.901	1.780	8.745E-12	13.299	2.660	2.916E-11	14.681	2.936	3.923E-11	13.844	2.769	3.290E-11	5.495	1.099	2.057E-12
188				17.762	3.552	6.948E-11	14.985	2.997	4.172E-11	4.946	0.989	1.500E-12	7.722	1.544	5.459E-12	-5.256	0.000	0.000E+00	7.406	1.493	5.153E-12	-3.429	0.000	0.000E+00	0.000	0.000	0.000E+00
189				4.953	0.991	1.507E-12	10.146	2.029	1.295E-11	7.457	1.491	5.142E-12	6.513	1.303	3.425E-12	8.447	1.689	7.474E-12	-5.360	0.000	0.000E+00	8.890	1.778	8.713E-12	12.389	2.478	2.358E-11
190				-6.887	0.000	0.000E+00	6.685	1.337	3.705E-12	39.744	7.949	7.784E-10	8.687	1.737	8.129E-12	4.259	0.852	9.577E-13	10.222	2.044	1.324E-11	-6.454	0.000	0.000E+00	6.198	1.240	2.953E-12
191				7.150	1.430	4.533E-12	6.250	1.250	3.027E-12	-7.928	0.000	0.000E+00	9.045	1.809	9.174E-12	8.022	1.604	6.400E-12	11.434	2.287	1.853E-11	8.286	1.657	7.055E-12	18.380	3.676	7.699E-11
192				92.644	18.529	9.859E-09	-7.692	0.000	0.000E+00	-5.135	0.000	0.000E+00	9.851	1.970	1.185E-11	6.494	1.299	3.396E-12	5.758	1.152	2.367E-12	8.522	1.704	7.673E-12	6.388	1.278	3.231E-12
193				10.892	2.178	1.602E-11	-5.107	0.000	0.000E+00	12.717	2.543	2.550E-11	8.553	1.711	7.757E-12	8.105	1.621	6.601E-12	-8.873	0.000	0.000E+00	9.060	1.812	9.220E-12	-6.454	0.000	0.000E+00
194				7.601	1.520	5.445E-12	-5.658	0.000	0.000E+00	-4.156	0.000	0.000E+00															

Data: Flyover 2 - Span 9 (34.75 m) - IG-05																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. D)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
219				14.204	2.841	3.553E-11	8.683	1.737	8.116E-12	4.092	0.818	8.495E-13	16.262	3.252	5.332E-11	-8.378	0.000	0.000E+00	8.816	1.763	8.496E-12	6.753	1.351	3.818E-12	35.166	7.033	5.392E-10
220				8.124	1.625	6.647E-12	51.946	10.389	1.738E-09	2.415	0.483	1.747E-13	-6.293	0.000	0.000E+00	25.785	5.157	2.126E-10	7.092	1.418	4.422E-12	9.641	1.928	1.111E-11	35.145	7.029	5.383E-10
221				6.302	1.260	3.103E-12	6.821	1.364	3.935E-12	-5.815	0.000	0.000E+00	7.287	1.457	4.798E-12	12.222	2.444	2.264E-11	-7.652	0.000	0.000E+00	4.921	0.984	1.477E-12	6.111	1.222	2.829E-12
222				-7.438	0.000	0.000E+00	6.093	1.219	2.805E-12	7.979	1.596	6.299E-12	43.420	8.684	1.015E-09	11.208	2.242	1.746E-11	7.962	1.592	6.258E-12	10.140	2.028	1.293E-11	3.016	0.603	3.401E-13
223				9.814	1.963	1.172E-11	-4.018	0.000	0.000E+00	6.554	1.311	3.491E-12	8.907	1.781	8.760E-12	40.178	8.036	8.042E-10	9.965	1.993	1.227E-11	5.762	1.152	2.372E-12	10.080	2.016	1.270E-11
224				-5.441	0.000	0.000E+00	6.344	1.269	3.166E-12	8.811	1.762	8.481E-12	-5.916	0.000	0.000E+00	20.099	4.020	1.007E-10	-9.305	0.000	0.000E+00	-5.334	0.000	0.000E+00	8.198	1.640	6.831E-12
225				121.366	24.273	2.217E-08	9.591	1.918	1.094E-11	-6.418	0.000	0.000E+00	-2.451	0.000	0.000E+00	41.512	8.302	8.870E-10	7.892	1.578	6.095E-12	8.464	1.693	7.518E-12	9.243	1.849	9.790E-12
226				6.709	1.342	3.744E-12	19.432	3.886	9.098E-11	42.748	8.550	9.686E-10	9.487	1.897	1.059E-11	14.104	2.821	3.479E-11	7.266	1.453	4.757E-12	11.464	2.293	1.868E-11	10.042	2.008	1.256E-11
227				19.665	3.933	9.429E-11	7.350	1.470	4.922E-12	-9.673	0.000	0.000E+00	10.582	2.116	1.469E-11	8.566	1.713	7.793E-12	5.604	1.121	2.183E-12	15.283	3.057	4.426E-11	4.609	0.922	1.214E-12
228				12.993	2.599	2.720E-11	10.250	2.050	1.335E-11	6.456	1.291	3.336E-12	9.824	1.965	1.175E-11	8.105	1.621	6.601E-12	10.127	2.025	1.288E-11	9.355	1.871	1.015E-11	52.353	10.471	1.779E-09
229				5.823	1.165	2.448E-12	-6.614	0.000	0.000E+00	9.207	1.841	9.676E-12	10.982	2.196	1.642E-11	89.316	17.863	8.834E-09	11.331	2.266	1.804E-11	11.576	2.315	1.924E-11	-4.820	0.000	0.000E+00
230				13.830	2.766	3.280E-11	8.196	1.639	6.826E-12	6.546	1.309	3.478E-12	17.629	3.526	6.794E-11	41.209	8.242	8.677E-10	-5.964	0.000	0.000E+00	11.323	2.265	1.800E-11	7.177	1.435	4.583E-12
231				-5.997	0.000	0.000E+00	7.732	1.546	5.732E-12	6.792	1.358	3.885E-12	28.544	5.709	2.884E-10	10.930	2.186	1.619E-11	10.416	2.083	1.401E-11	18.487	3.697	7.835E-11	-4.480	0.000	0.000E+00
232				22.447	4.489	1.402E-10	-2.991	0.000	0.000E+00	11.232	2.246	1.757E-11	7.391	1.478	5.006E-12	10.913	2.183	1.611E-11	38.425	7.685	7.034E-10	95.456	19.091	1.078E-08	10.014	2.003	1.245E-11
233				7.367	1.473	4.958E-12	6.892	1.378	4.060E-12	4.711	0.942	1.296E-12	16.898	3.380	5.982E-11	15.459	3.092	4.581E-11	7.809	1.562	5.904E-12	7.707	1.541	5.676E-12	6.666	1.333	3.673E-12
234				15.141	3.028	4.304E-11	5.316	1.063	1.863E-12	6.040	1.208	2.732E-12	9.656	1.931	1.116E-11	9.703	1.941	1.133E-11	11.515	2.303	1.893E-11	9.648	1.930	1.114E-11	8.710	1.742	8.194E-12
235				63.727	12.745	3.209E-09	5.523	1.105	2.089E-12	7.633	1.527	5.514E-12	13.939	2.788	3.358E-11	8.123	1.625	6.645E-12	9.270	1.854	9.877E-12	5.034	1.007	1.582E-12	13.056	2.611	2.759E-11
236				9.051	1.810	9.194E-12	9.155	1.831	9.514E-12	5.662	1.132	2.251E-12	7.245	1.449	4.714E-12	18.190	3.638	7.463E-11	7.367	1.473	4.957E-12	7.248	1.450	4.721E-12	8.525	1.705	7.683E-12
237				10.420	2.084	1.403E-11	8.718	1.744	8.215E-12	11.327	2.265	1.802E-11	12.152	2.430	2.225E-11	8.114	1.623	6.624E-12	-7.575	0.000	0.000E+00	7.147	1.429	4.526E-12	5.070	1.014	1.615E-12
238				6.094	1.219	2.806E-12	5.588	1.118	2.164E-12	9.140	1.828	9.467E-12	6.231	1.246	3.000E-12	15.108	3.022	4.276E-11	15.841	3.168	4.929E-11	9.456	1.891	1.048E-11	10.745	2.149	1.538E-11
239				11.458	2.292	1.865E-11	17.270	3.454	6.387E-11	8.094	1.619	6.575E-12	9.569	1.914	1.086E-11	12.502	2.500	2.423E-11	-6.820	0.000	0.000E+00	39.136	7.827	7.432E-10	13.905	2.781	3.333E-11
240				7.479	1.496	5.187E-12	-6.817	0.000	0.000E+00	5.713	1.143	2.312E-12	6.521	1.304	3.438E-12	6.053	1.211	2.749E-12	6.009	1.202	2.690E-12	8.520	1.704	7.669E-12	-6.370	0.000	0.000E+00
241				14.543	2.909	3.814E-11	-5.836	0.000	0.000E+00	-5.632	0.000	0.000E+00	7.738	1.548	5.745E-12	7.689	1.538	5.637E-12	6.246	1.249	3.021E-12	7.266	1.453	4.755E-12	42.814	8.563	9.731E-10
242				10.253	2.051	1.336E-11	-5.356	0.000	0.000E+00	8.103	1.621	6.598E-12	15.535	3.107	4.649E-11	-7.825	0.000	0.000E+00	8.494	1.699	7.598E-12	12.137	2.427	2.217E-11	8.341	1.668	7.196E-12
243				10.077	2.015	1.269E-11	-8.023	0.000	0.000E+00	10.319	2.064	1.363E-11	39.881	7.976	7.865E-10	7.409	1.482	5.043E-12	14.258	2.852	3.594E-11	5.310	1.062	1.856E-12	5.867	1.173	2.504E-12
244				16.867	3.373	5.950E-11	5.555	1.111	2.125E-12	8.787	1.757	8.413E-12	6.504	1.301	3.411E-12	10.446	2.089	1.413E-11	12.165	2.433	2.232E-11	6.234	1.247	3.004E-12	7.955	1.591	6.243E-12
245				7.391	1.478	5.007E-12	8.931	1.786	8.833E-12	39.208	7.842	7.473E-10	-4.122	0.000	0.000E+00	7.431	1.486	5.089E-12	13.464	2.693	3.026E-11	-5.240	0.000	0.000E+00	7.591	1.518	5.423E-12
246				16.082	3.216	5.158E-11	5.372	1.074	1.922E-12	67.849	13.570	3.873E-09	3.603	0.721	5.798E-13	10.414	2.083	1.400E-11	9.321	1.864	1.004E-11	6.869	1.374	4.018E-12	5.063	1.013	1.609E-12
247				32.918	6.584	4.423E-10	5.821	1.164	2.445E-12	16.303	3.261	5.373E-11	-6.395	0.000	0.000E+00	9.867	1.973	1.191E-11	6.733	1.347	3.785E-12	4.991	0.998	1.541E-12	8.148	1.630	6.708E-12
248				46.777	9.355	1.269E-09	4.156	0.831	8.900E-13	9.665	1.933	1.119E-11	11.189	2.238	1.737E-11	16.484	3.297	5.554E-11	-4.039	0.000	0.000E+00	8.887	1.777	8.702E-12	7.258	1.452	4.741E-12
249				9.385	1.877	1.025E-11	-7.428	0.000	0.000E+00	8.892	1.778	8.717E-12	7.506	1.501	5.244E-12	-5.932	0.000	0.000E+00	13.046	2.609	2.753E-11	9.836	1.967	1.180E-11	4.512	0.902	1.139E-12
250				-6.756	0.000	0.000E+00	9.968	1.994	1.228E-11	34.398	6.880	5.047E-10	-6.393	0.000	0.000E+00	10.782	2.156	1.554E-11	40.829	8.166	8.439E-10	7.216	1.443	4.659E-12	-5.183	0.000	0.000E+00
251				4.255	0.851	9.552E-13	-10.716	0.000	0.000E+00	8.321	1.664	7.143E-12	17.953	3.591	7.175E-11	-6.004	0.000	0.000E+00									

Data: Flyover 2 - Span 9 (34.75 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
276				6.482	1.296	3.377E-12	10.354	2.071	1.376E-11	7.919	1.584	6.157E-12	7.803	1.561	5.890E-12	6.574	1.315	3.522E-12	-6.682	0.000	0.000E+00	5.702	1.140	2.298E-12	6.516	1.303	3.430E-12
277				14.666	2.933	3.911E-11	4.930	0.986	1.486E-12	6.733	1.347	3.785E-12	10.073	2.015	1.267E-11	-5.260	0.000	0.000E+00	-27.354	0.000	0.000E+00	5.100	1.020	1.645E-12	10.811	2.162	1.567E-11
278				126.010	25.202	2.481E-08	11.036	2.207	1.667E-11	7.520	1.504	5.273E-12	-11.060	0.000	0.000E+00	5.658	1.132	2.246E-12	-7.983	0.000	0.000E+00	9.152	1.830	9.504E-12	7.898	1.580	6.108E-12
279				6.129	1.226	2.855E-12	9.026	1.805	9.118E-12	12.635	2.527	2.501E-11	8.163	1.633	6.744E-12	15.133	3.027	4.297E-11	9.776	1.955	1.158E-11	4.968	0.994	1.520E-12	12.193	2.439	2.248E-11
280				44.785	8.957	1.114E-09	7.686	1.537	5.630E-12	6.045	1.209	2.739E-12	6.392	1.278	3.239E-12	4.594	0.919	1.202E-12	-8.378	0.000	0.000E+00	5.074	1.015	1.620E-12	8.685	1.737	8.122E-12
281				5.865	1.173	2.501E-12	10.166	2.033	1.303E-11	5.554	1.111	2.124E-12	6.608	1.322	3.578E-12	6.823	1.365	3.939E-12	-6.150	0.000	0.000E+00	7.922	1.584	6.163E-12	6.023	1.205	2.709E-12
282				7.321	1.464	4.866E-12	10.239	2.048	1.331E-11	6.194	1.239	2.946E-12	13.536	2.707	3.075E-11	9.454	1.881	1.048E-11	8.969	1.794	8.946E-12	6.344	1.269	3.166E-12	3.749	0.750	6.535E-13
283				18.283	3.657	7.578E-11	6.093	1.219	2.805E-12	8.300	1.660	7.089E-12	9.361	1.872	1.017E-11	9.433	1.887	1.041E-11	8.222	1.644	6.891E-12	16.156	3.231	5.229E-11	5.614	1.123	2.194E-12
284				5.594	1.119	2.171E-12	5.730	1.146	2.332E-12	11.035	2.207	1.666E-11	-6.373	0.000	0.000E+00	11.568	2.314	1.919E-11	-10.366	0.000	0.000E+00	-6.532	0.000	0.000E+00	10.964	2.193	1.634E-11
285				4.085	0.817	8.452E-13	6.061	1.212	2.760E-12	44.939	8.988	1.125E-09	9.112	1.822	9.379E-12	8.950	1.790	8.888E-12	10.150	2.030	1.297E-11	4.800	0.960	1.371E-12	9.898	1.980	1.202E-11
286				6.974	1.395	4.206E-12	-4.496	0.000	0.000E+00	6.115	1.223	2.835E-12	7.761	1.552	5.797E-12	11.925	2.385	2.103E-11	6.449	1.290	3.326E-12	9.576	1.915	1.089E-11	10.342	2.068	1.372E-11
287				-4.402	0.000	0.000E+00	3.895	0.779	7.325E-13	-5.853	0.000	0.000E+00	-4.450	0.000	0.000E+00	6.156	1.231	2.893E-12	6.535	1.307	3.461E-12	4.620	0.924	1.222E-12	8.435	1.687	7.442E-12
288				6.933	1.387	4.133E-12	4.731	0.946	1.313E-12	7.462	1.492	5.152E-12	-5.620	0.000	0.000E+00	11.252	2.250	1.767E-11	4.430	0.886	1.078E-12	12.354	2.471	2.338E-11	13.137	2.627	2.811E-11
289				9.732	1.946	1.143E-11	7.320	1.464	4.863E-12	44.771	8.954	1.113E-09	50.655	10.131	1.612E-09	8.343	1.669	7.200E-12	6.821	1.364	3.934E-12	9.225	1.845	9.733E-12	27.579	5.516	2.601E-10
290				9.252	1.850	9.819E-12	-6.822	0.000	0.000E+00	-5.368	0.000	0.000E+00	9.996	1.999	1.238E-11	5.534	1.107	2.101E-12	6.841	1.368	3.970E-12	-5.992	0.000	0.000E+00	8.140	1.628	6.687E-12
291				31.775	6.355	3.978E-10	10.310	2.062	1.359E-11	7.748	1.550	5.768E-12	8.147	1.629	6.704E-12	6.999	1.400	4.251E-12	-4.874	0.000	0.000E+00	42.930	8.586	9.810E-10	12.262	2.452	2.286E-11
292				8.224	1.645	6.896E-12	6.228	1.246	2.995E-12	13.109	2.622	2.793E-11	9.325	1.865	1.005E-11	7.124	1.425	4.483E-12	-3.552	0.000	0.000E+00	23.207	4.641	1.550E-10	6.248	1.250	3.025E-12
293				9.762	1.952	1.154E-11	6.584	1.317	3.538E-12	-6.422	0.000	0.000E+00	13.779	2.756	3.243E-11	-5.663	0.000	0.000E+00	6.925	1.385	4.118E-12	5.712	1.142	2.311E-12	3.996	0.799	7.912E-13
294				5.924	1.185	2.578E-12	5.014	1.003	1.563E-12	7.822	1.564	5.934E-12	6.597	1.319	3.560E-12	6.992	1.398	4.238E-12	-5.038	0.000	0.000E+00	12.971	2.594	2.706E-11	10.912	2.182	1.611E-11
295				10.376	2.075	1.385E-11	-9.090	0.000	0.000E+00	7.301	1.460	4.826E-12	-5.774	0.000	0.000E+00	7.698	1.540	5.657E-12	10.092	2.018	1.275E-11	-5.116	0.000	0.000E+00	10.066	2.013	1.265E-11
296				8.717	1.743	8.212E-12	-9.333	0.000	0.000E+00	7.981	1.596	6.304E-12	7.174	1.435	4.578E-12	18.455	3.691	7.793E-11	5.872	1.174	2.511E-12	-7.333	0.000	0.000E+00	4.357	0.871	1.025E-12
297				-4.174	0.000	0.000E+00	5.308	1.062	1.855E-12	6.574	1.315	3.522E-12	9.580	1.916	1.090E-11	-8.054	0.000	0.000E+00	9.397	1.879	1.029E-11	8.098	1.620	6.584E-12	3.110	0.622	3.731E-13
298				7.828	1.566	5.948E-12	-5.589	0.000	0.000E+00	-5.549	0.000	0.000E+00	13.388	2.678	2.976E-11	4.046	0.809	8.211E-13	7.873	1.575	6.050E-12	-6.305	0.000	0.000E+00	10.434	2.087	1.408E-11
299				12.178	2.436	2.239E-11	10.821	2.164	1.571E-11	31.469	6.294	3.864E-10	4.032	0.806	8.129E-13	34.299	6.860	5.003E-10	8.354	1.671	7.230E-12	3.684	0.737	6.200E-13	7.793	1.559	5.868E-12
300				14.275	2.855	3.606E-11	9.246	1.849	9.800E-12	6.530	1.306	3.452E-12	9.661	1.932	1.118E-11	8.278	1.656	7.033E-12	-4.698	0.000	0.000E+00	-8.270	0.000	0.000E+00	10.345	2.069	1.373E-11
301				7.443	1.489	5.113E-12	14.512	2.902	3.789E-11	8.905	1.781	8.755E-12	10.604	2.121	1.479E-11	6.315	1.263	3.122E-12	10.824	2.165	1.572E-11	-7.674	0.000	0.000E+00	-7.268	0.000	0.000E+00
302				9.068	1.814	9.246E-12	6.081	1.216	2.789E-12	-5.043	0.000	0.000E+00	9.416	1.883	1.035E-11	4.979	0.996	1.530E-12	6.759	1.352	3.828E-12	-7.433	0.000	0.000E+00	10.487	2.097	1.430E-11
303				3.821	0.764	6.920E-13	28.248	5.650	2.795E-10	6.818	1.364	3.930E-12	7.090	1.418	4.420E-12	9.599	1.920	1.097E-11	8.627	1.725	7.962E-12	10.344	2.069	1.372E-11	8.040	1.608	6.445E-12
304				9.341	1.868	1.011E-11	8.383	1.677	7.304E-12	8.154	1.631	6.721E-12	8.888	1.778	8.706E-12	6.709	1.342	3.744E-12	11.892	2.378	2.085E-11	-11.190	0.000	0.000E+00	6.696	1.339	7.372E-12
305				5.504	1.101	2.068E-12	31.102	6.220	3.731E-10	3.489	0.698	5.266E-13	-10.110	0.000	0.000E+00	5.957	1.191	2.621E-12	6.224	1.245	2.990E-12	8.097	1.619	6.583E-12	7.374	1.475	4.971E-12
306				-7.054	0.000	0.000E+00	6.788	1.358	3.877E-12	-3.937	0.000	0.000E+00	-4.285	0.000	0.000E+00	8.963	1.793	9.928E-12	30.748	6.150	3.604E-10	4.384	0.877	1.045E-12	8.932	1.786	8.837E-12
307				11.159	2.232	1.723E-11	3.094	0.619	3.673E-13	-4.545	0.000	0.000E+00	-6.719	0.000	0.000E+00	6.518	1.304	3.433E-12	11.019	2.204	1.659E-11	-4.791	0.000	0.000E+00	-5.736	0.000	0.000E+00
308				7.835	1.567	5.963E-12	10.543	<																			

Data: Flyover 2 - Span 9 (34.75 m) - IG-05																											
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
333				5.113	1.023	1.658E-12				8.746	1.749	8.296E-12	14.460	2.892	3.749E-11	-7.514	0.000	0.000E+00	4.611	0.922	1.216E-12	7.066	1.413	4.375E-12	-5.734	0.000	0.000E+00
334				5.026	1.005	1.575E-12				3.864	0.773	7.151E-13	28.162	5.632	2.769E-10	9.690	1.938	1.128E-11	14.013	2.803	3.412E-11	7.541	1.508	5.316E-12	21.277	4.255	1.194E-10
335				3.357	0.671	4.692E-13				-9.048	0.000	0.000E+00	-6.498	0.000	0.000E+00	8.315	1.663	7.127E-12	-5.925	0.000	0.000E+00	-4.234	0.000	0.000E+00	6.597	1.319	3.560E-12
336				9.891	1.978	1.200E-11				5.834	1.167	2.462E-12	8.852	1.770	8.602E-12	6.983	1.397	4.222E-12	10.854	2.171	1.586E-11	10.161	2.032	1.301E-11	5.818	1.164	2.441E-12
337				13.453	2.691	3.019E-11				7.960	1.592	6.254E-12	-5.310	0.000	0.000E+00	8.744	1.749	8.288E-12	10.396	2.079	1.393E-11	46.022	9.204	1.209E-09	-7.696	0.000	0.000E+00
338				6.028	1.206	2.715E-12				7.447	1.489	5.121E-12	8.824	1.765	8.519E-12	20.515	4.103	1.070E-10	-8.517	0.000	0.000E+00	10.617	2.123	1.484E-11	11.179	2.236	1.732E-11
339				5.858	1.172	2.493E-12				-6.401	0.000	0.000E+00	16.739	3.348	5.815E-11	41.653	8.331	8.960E-10	10.589	2.118	1.472E-11	94.209	18.842	1.037E-08	105.114	21.023	1.440E-08
340				4.676	0.935	1.268E-12				17.998	3.600	7.228E-11	42.130	8.426	9.272E-10	16.627	3.325	5.699E-11	9.052	1.810	9.196E-12	9.652	1.930	1.115E-11	6.014	1.203	2.698E-12
341				22.611	4.522	1.433E-10				50.530	10.106	1.600E-09	6.332	1.266	3.147E-12	7.546	1.509	5.328E-12	9.259	1.852	9.842E-12	5.674	1.135	2.264E-12	6.729	1.346	3.779E-12
342				6.303	1.261	3.104E-12				10.322	2.064	1.363E-11	5.201	1.040	1.745E-12	7.991	1.598	6.326E-12	8.552	1.710	7.756E-12	11.199	2.240	1.741E-11	35.022	7.004	5.326E-10
343				-5.052	0.000	0.000E+00				5.667	1.133	2.256E-12	26.466	5.293	2.299E-10	-4.651	0.000	0.000E+00	8.935	1.787	8.844E-12	10.968	2.194	1.636E-11	9.709	1.942	1.135E-11
344				-4.539	0.000	0.000E+00				10.835	2.167	1.577E-11	9.221	1.844	9.720E-12	-12.954	0.000	0.000E+00	13.219	2.644	2.864E-11	4.902	0.980	1.461E-12	4.444	0.889	1.088E-12
345				-5.943	0.000	0.000E+00				10.291	2.058	1.351E-11	5.476	1.095	2.035E-12	-5.105	0.000	0.000E+00	9.166	1.833	9.550E-12	-4.745	0.000	0.000E+00	8.374	1.675	7.280E-12
346				8.971	1.794	8.953E-12				9.791	1.958	1.164E-11	5.929	1.186	2.584E-12	7.928	1.586	6.179E-12	7.899	1.580	6.111E-12	11.058	2.212	1.676E-11	11.397	2.279	1.835E-11
347				-9.231	0.000	0.000E+00				8.751	1.750	8.310E-12	-5.622	0.000	0.000E+00	8.254	1.651	6.971E-12	24.910	4.982	1.917E-10	10.392	2.078	1.392E-11	9.690	1.938	1.128E-11
348				9.230	1.846	9.751E-12				23.268	4.654	1.562E-10	11.540	2.308	1.905E-11	39.284	7.857	7.517E-10	8.597	1.719	7.879E-12	7.629	1.526	5.506E-12	6.755	1.351	3.821E-12
349				9.733	1.947	1.143E-11				11.991	2.398	2.138E-11	10.498	2.100	1.434E-11	7.363	1.473	4.950E-12	-9.128	0.000	0.000E+00	7.371	1.474	4.965E-12	-6.720	0.000	0.000E+00
350				8.664	1.733	8.064E-12				22.014	4.403	1.323E-10	10.065	2.013	1.264E-11	29.301	5.860	3.119E-10	10.325	2.065	1.365E-11	-5.116	0.000	0.000E+00	9.861	1.972	1.189E-11
351				5.608	1.122	2.186E-12				9.647	1.929	1.113E-11	4.714	0.943	1.299E-12	-6.171	0.000	0.000E+00	10.793	2.159	1.559E-11	-6.017	0.000	0.000E+00	6.503	1.301	3.409E-12
352				14.864	2.973	4.072E-11				-8.770	0.000	0.000E+00	7.705	1.541	5.672E-12	6.509	1.302	3.420E-12	11.515	2.303	1.893E-11	-5.280	0.000	0.000E+00	5.943	1.189	2.602E-12
353				41.046	8.209	8.574E-10				4.168	0.834	8.980E-13	11.035	2.207	1.666E-11	8.263	1.653	6.994E-12	5.814	1.163	2.436E-12	6.799	1.360	3.898E-12	4.876	0.975	1.438E-12
354				8.782	1.756	8.397E-12				5.914	1.183	2.565E-12	27.099	5.420	2.468E-10	11.553	2.311	1.912E-11	8.108	1.622	6.610E-12	7.162	1.432	4.555E-12	8.028	1.606	6.416E-12
355				3.949	0.790	7.637E-13				11.834	2.367	2.055E-11	-6.176	0.000	0.000E+00	39.738	7.948	7.781E-10	39.184	7.837	7.459E-10	11.164	2.233	1.725E-11	26.205	5.241	2.231E-10
356				36.047	7.209	5.808E-10				8.375	1.675	7.282E-12	11.704	2.341	1.988E-11	28.423	5.685	2.847E-10	-4.524	0.000	0.000E+00	9.888	1.978	1.199E-11	3.282	0.656	4.383E-13
357				5.228	1.046	1.772E-12				19.821	3.964	9.656E-11	6.485	1.297	3.382E-12	8.618	1.724	7.936E-12	7.295	1.459	4.813E-12	5.983	1.197	2.655E-12	4.511	0.902	1.138E-12
358				6.034	1.207	2.724E-12				65.499	13.100	3.484E-09	6.965	1.393	4.189E-12	8.086	1.617	6.555E-12	7.963	1.593	6.262E-12	10.350	2.070	1.375E-11	50.434	10.087	1.591E-09
359				-4.792	0.000	0.000E+00				15.948	3.190	5.029E-11	12.175	2.435	2.238E-11	10.519	2.104	1.443E-11	13.958	2.792	3.372E-11	4.278	0.856	9.704E-13	-3.464	0.000	0.000E+00
360				8.199	1.640	6.835E-12				10.476	2.095	1.425E-11	4.845	0.969	1.410E-12	15.278	3.056	4.422E-11	8.317	1.663	7.132E-12	7.310	1.462	4.843E-12			
361				8.977	1.795	8.969E-12				13.948	2.790	3.364E-11	4.853	0.971	1.417E-12	11.433	2.287	1.853E-11	7.767	1.553	5.809E-12	30.299	6.060	3.449E-10			
362				-6.640	0.000	0.000E+00				5.718	1.144	2.318E-12	3.963	0.793	7.715E-13	-4.633	0.000	0.000E+00	4.940	0.988	1.495E-12	26.397	5.279	2.281E-10			
363				11.173	2.235	1.730E-11				8.287	1.657	7.057E-12	11.647	2.329	1.959E-11	8.125	1.625	6.650E-12	6.999	1.400	4.251E-12	96.680	19.336	1.120E-08			
364				24.214	4.843	1.760E-10				9.683	1.937	1.126E-11	4.875	0.975	1.437E-12	6.919	1.384	4.106E-12	10.310	2.062	1.359E-11	6.567	1.313	3.511E-12			
365				3.530	0.706	5.454E-13				11.100	2.220	1.696E-11	-4.721	0.000	0.000E+00	6.682	1.336	3.699E-12	19.549	3.910	9.263E-11	8.358	1.672	7.240E-12			
366				6.805	1.361	3.907E-12				8.705	1.741	8.179E-12	9.722	1.944	1.139E-11	4.417	0.883	1.068E-12	8.242	1.648	6.941E-12	52.693	10.539	1.814E-09			
367				7.802	1.560	5.889E-12				9.290	1.858	9.941E-12	4.711	0.942	1.296E-12	5.970	1.194	2.638E-12	7.591	1.518	5.424E-12	6.613	1.323	3.586E-12			
368				5.444	1.089	2.000E-12				6.239	1.248	3.011E-12	5.358	1.072	1.907E-12	27.638	5.528	2.618E-10									

Data: Flyover 2 - Span 9 (34.75 m) - IG-05																										
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			Day 8			Day 9		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. D)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG16	200000	11.8097	SG16			SG16			SG16			SG16			SG16			SG16			SG16			SG16		
390															10.696	2.139	1.517E-11	35.870	7.174	5.722E-10						
391															22.966	4.593	1.502E-10	-4.935	0.000	0.000E+00						
392															10.476	2.095	1.425E-11	6.056	1.211	2.753E-12						
393															6.614	1.323	3.588E-12	6.975	1.395	4.208E-12						
394																		16.606	3.321	5.678E-11						
395																		5.759	1.152	2.369E-12						
396																		7.575	1.515	5.389E-12						
397																		26.174	5.235	2.223E-10						
398																		5.216	1.043	1.760E-12						
399																		6.845	1.369	3.976E-12						
400																		-3.774	0.000	0.000E+00						
401																		56.790	11.358	2.271E-09						
402																		7.128	1.426	4.490E-12						
403																		-6.941	0.000	0.000E+00						
404																		51.773	10.355	1.721E-09						
405																		4.928	0.986	1.484E-12						

Flyover 3 - Span 7 (34.40 m) - IG-01
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4				Day 5				Day 6		Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage			Eqv.Stress (MPa)	Damage			Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
Max.	42.232	5.612E-07		31.207	2.264E-07		36.384	3.589E-07		41.502	5.326E-07			41.199	5.210E-07			37.497	3.928E-07	38.248	4.169E-07
Cum.	-	1.202E-05		-	9.115E-06		-	1.005E-05		-	1.332E-05			-	1.223E-05			-	9.807E-06	-	9.948E-06

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
1	103.492	20.698	6.607E-08	19.049	3.810	4.120E-10	95.610	19.122	5.209E-08	9.028	1.806	4.386E-11	114.709	22.942	8.997E-08	2.979	0.596	1.575E-12	37.663	7.533	3.184E-09
2	3.262	0.652	2.069E-12	14.107	2.821	1.673E-10	50.390	10.078	7.627E-09	83.137	16.627	3.425E-08	42.765	8.553	4.662E-09	6.869	1.374	1.932E-11	4.688	0.938	6.143E-12
3	3.564	0.713	2.699E-12	21.624	4.325	6.027E-10	85.188	17.038	3.685E-08	84.566	16.913	3.605E-08	72.510	14.502	2.272E-08	20.952	4.190	5.482E-10	74.476	14.895	2.462E-08
4	184.399	36.880	3.737E-07	84.601	16.920	3.609E-08	103.903	20.781	6.686E-08	79.485	15.897	2.993E-08	36.302	7.260	2.852E-09	5.172	1.034	8.244E-12	100.973	20.195	6.136E-08
5	75.206	15.041	2.535E-08	84.988	16.998	3.659E-08	103.353	20.671	6.581E-08	8.354	1.671	3.475E-11	65.432	13.086	1.670E-08	89.600	17.920	4.288E-08	7.959	1.592	3.005E-11
6	-14.959	0.000	0.000E+00	82.371	16.474	3.331E-08	84.353	16.871	3.578E-08	80.890	16.178	3.155E-08	9.837	1.967	5.673E-11	9.189	1.838	4.625E-11	4.933	0.987	7.155E-12
7	51.850	10.370	8.309E-09	17.539	3.508	3.216E-10	75.403	15.081	2.555E-08	27.709	5.542	1.268E-09	1.679	0.336	2.820E-13	92.797	18.559	4.763E-08	80.435	16.087	3.102E-08
8	53.916	10.783	9.342E-09	89.484	17.897	4.271E-08	3.388	0.678	2.317E-12	95.736	19.147	5.230E-08	14.699	2.940	1.893E-10	3.902	0.780	3.541E-12	8.455	1.691	3.602E-11
9	39.743	7.949	3.742E-09	95.231	19.046	5.148E-08	92.756	18.551	4.757E-08	32.292	6.458	2.007E-09	61.871	12.374	1.412E-08	23.402	4.680	7.639E-10	102.159	20.432	6.355E-08
10	79.936	15.987	3.044E-08	98.515	19.703	5.699E-08	3.833	0.767	3.356E-12	5.198	1.040	8.371E-12	8.986	1.797	4.324E-11	-2.702	0.000	0.000E+00	112.873	22.575	8.571E-08
11	88.269	17.654	4.099E-08	23.905	4.781	8.142E-10	68.696	13.739	1.932E-08	81.112	16.222	3.181E-08	19.081	3.816	4.141E-10	32.693	6.539	2.083E-09	-2.210	0.000	0.000E+00
12	97.029	19.406	5.445E-08	61.758	12.352	1.404E-08	6.179	1.236	1.406E-11	94.987	18.997	5.108E-08	37.295	7.459	3.092E-09	94.908	18.982	5.096E-08	5.487	1.097	9.847E-12
13	60.536	12.107	1.322E-08	82.568	16.514	3.355E-08	112.243	22.449	8.429E-08	103.364	20.673	6.583E-08	61.035	12.207	1.355E-08	28.390	5.678	1.364E-09	22.852	4.570	7.113E-10
14	24.857	4.971	9.154E-10	32.948	6.590	2.132E-09	82.797	16.559	3.383E-08	54.852	10.970	9.837E-09	15.528	3.106	2.231E-10	106.264	21.253	7.152E-08	24.968	4.994	9.278E-10
15	94.365	18.873	5.009E-08	3.589	0.718	2.755E-12	103.540	20.708	6.616E-08	108.769	21.754	7.670E-08	76.049	15.210	2.622E-08	95.551	19.110	5.200E-08	27.693	5.539	1.266E-09
16	12.387	2.477	1.133E-10	22.588	4.518	6.869E-10	25.886	5.177	1.034E-09	62.865	12.573	1.481E-08	59.015	11.803	1.225E-08	99.766	19.953	5.919E-08	3.460	0.692	2.470E-12
17	33.341	6.668	2.209E-09	24.317	4.863	8.570E-10	13.078	2.616	1.333E-10	110.346	22.069	8.009E-08	18.102	3.620	3.536E-10	20.253	4.051	4.952E-10	18.585	3.717	3.826E-10
18	24.825	4.965	9.119E-10	55.078	11.016	9.959E-09	102.213	20.443	6.365E-08	27.657	5.531	1.261E-09	5.841	1.168	1.188E-11	40.376	8.075	3.923E-09	99.114	19.823	5.804E-08
19	211.161	42.232	5.612E-07	30.465	6.093	1.685E-09	21.839	4.368	6.208E-10	29.726	5.945	1.566E-09	4.194	0.839	4.397E-12	64.984	12.997	1.636E-08	102.739	20.548	6.464E-08
20	110.534	22.107	8.050E-08	3.755	0.751	3.155E-12	2.330	0.466	7.540E-13	95.631	19.126	5.213E-08	87.412	17.482	3.981E-08	94.859	18.972	5.088E-08	54.807	10.961	9.813E-09
21	76.451	15.290	2.663E-08	87.342	17.468	3.972E-08	34.597	6.919	2.468E-09	125.602	25.120	1.181E-07	79.553	15.911	3.001E-08	3.685	0.737	2.981E-12	-82.143	0.000	0.000E+00
22	68.152	13.630	1.887E-08	8.570	1.714	3.752E-11	57.849	11.570	1.154E-08	26.752	5.350	1.141E-09	75.572	15.114	2.573E-08	102.058	20.412	6.336E-08	57.279	11.456	1.120E-08
23	12.223	2.445	1.088E-10	101.761	20.352	6.281E-08	58.208	11.642	1.176E-08	4.217	0.843	4.471E-12	60.609	12.122	1.327E-08	4.736	0.947	6.333E-12	87.384	17.477	3.977E-08
24	97.077	19.415	5.453E-08	60.293	12.059	1.306E-08	105.140	21.028	6.928E-08	50.243	10.049	7.560E-09	81.494	16.299	3.226E-08	4.743	0.949	6.361E-12	20.347	4.069	5.021E-10
25	5.540	1.108	1.013E-11	4.423	0.885	5.157E-12	28.641	5.728	1.400E-09	2.421	0.484	8.454E-13	97.711	19.542	5.560E-08	110.063	22.013	7.947E-08	108.966	21.793	7.712E-08
26	111.883	22.377	8.348E-08	66.687	13.337	1.768E-08	66.435	13.287	1.748E-08	108.239	21.648	7.559E-08	95.328	19.066	5.164E-08	96.818	19.364	5.409E-08	50.644	10.129	7.742E-09
27	119.871	23.974	1.027E-07	-92.444	0.000	0.000E+00	62.737	12.547	1.472E-08	101.153	20.231	6.169E-08	63.721	12.744	1.542E-08	18.416	3.683	3.723E-10	30.742	6.148	1.732E-09
28	3.389	0.678	2.320E-12	3.578	0.716	2.730E-12	107.550	21.510	7.415E-08	39.926	7.985	3.794E-09	2.972	0.594	1.564E-12	73.133	14.627	2.331E-08	4.216	0.843	4.466E-12
29	26.189	5.238	1.071E-09	3.062	0.612	1.711E-12	5.159	1.032	8.186E-12	4.578	0.916	5.720E-12	20.135	4.027	4.865E-10	9.096	1.819	4.486E-11	101.676	20.335	6.265E-08
30	111.058	22.212	8.165E-08	14.374	2.875	1.770E-10	102.828	20.566	6.481E-08	-2.058	0.000	0.000E+00	80.701	16.140	3.133E-08	62.917	12.583	1.485E-08	106.469	21.294	7.194E-08
31	18.114	3.623	3.543E-10	105.773	21.155	7.054E-08	49.521	9.904	7.239E-09	13.338	2.668	1.414E-10	4.208	0.842	4.443E-12	3.139	0.628	1.844E-12	5.254	1.051	8.644E-12
32	100.869	20.174	6.117E-08	92.384	18.477	4.700E-08	7.503	1.501	2.518E-11	71.111	14.222	2.143E-08	103.431	20.686	6.595E-08	66.138	13.228	1.724E-08	4.550	0.910	5.615E-12
33	88.306	17.661	4.105E-08	15.690	3.138	2.302E-10	59.449	11.890	1.252E-08	40.960	8.192	4.096E-09	2.846	0.569	1.374E-12	101.677	20.335	6.265E-08	6.737	1.347	1.822E-11
34	5.247	1.049	8.611E-12	3.119	0.624	1.809E-12	22.862	4.572	7.123E-10	103.553	20.711	6.619E-08	83.834	16.767	3.512E-08	75.525	15.105	2.568E-08	55.526	11.105	1.020E-08
35	4.718	0.944	6.260E-12	104.778	20.956	6.857E-08	87.784	17.557	4.032E-08	102.820	20.564	6.479E-08	104.036	20.807	6.712E-08	19.202	3.840	4.220E-10	5.122	1.024	8.008E-12

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
36	91.573	18.315	4.577E-08	87.501	17.500	3.993E-08	4.480	0.896	5.360E-12	41.880	8.376	4.378E-09	5.225	1.045	8.503E-12	22.094	4.419	6.428E-10	5.408	1.082	9.430E-12
37	2.697	0.539	1.169E-12	27.975	5.595	1.305E-09	53.681	10.736	9.221E-09	105.593	21.119	7.018E-08	14.882	2.976	1.965E-10	96.796	19.359	5.406E-08	106.336	21.267	7.167E-08
38	17.053	3.411	2.956E-10	87.634	17.527	4.012E-08	22.151	4.430	6.479E-10	12.256	2.451	1.097E-10	6.736	1.347	1.822E-11	60.511	12.102	1.321E-08	52.880	10.576	8.814E-09
39	94.353	18.871	5.007E-08	65.644	13.129	1.686E-08	20.462	4.092	5.107E-10	12.492	2.498	1.162E-10	100.960	20.192	6.134E-08	82.405	16.481	3.335E-08	17.278	3.456	3.074E-10
40	91.845	18.369	4.618E-08	30.340	6.068	1.665E-09	97.926	19.585	5.597E-08	4.231	0.846	4.515E-12	6.144	1.229	1.382E-11	15.926	3.185	2.408E-10	81.887	16.377	3.273E-08
41	32.562	6.512	2.058E-09	77.498	15.500	2.774E-08	6.716	1.343	1.806E-11	2.865	0.573	1.402E-12	104.597	20.919	6.821E-08	16.774	3.355	2.813E-10	53.180	10.636	8.965E-09
42	47.628	9.526	6.440E-09	14.743	2.949	1.910E-10	78.821	15.764	2.919E-08	4.130	0.826	4.198E-12	101.836	20.367	6.295E-08	64.446	12.889	1.595E-08	5.372	1.074	9.240E-12
43	14.957	2.991	1.994E-10	100.951	20.190	6.132E-08	-74.939	0.000	0.000E+00	52.035	10.407	8.398E-09	21.921	4.384	6.279E-10	30.537	6.107	1.697E-09	104.186	20.837	6.741E-08
44	60.321	12.064	1.308E-08	69.292	13.858	1.983E-08	33.157	6.631	2.173E-09	43.898	8.780	5.042E-09	3.615	0.723	2.815E-12	55.694	11.139	1.030E-08	26.188	5.238	1.071E-09
45	78.881	15.776	2.926E-08	109.521	21.904	7.830E-08	78.290	15.658	2.860E-08	6.601	1.320	1.714E-11	5.188	1.038	8.323E-12	103.001	20.600	6.514E-08	14.959	2.992	1.995E-10
46	78.209	15.642	2.851E-08	8.733	1.747	3.971E-11	8.535	1.707	3.706E-11	12.437	2.487	1.147E-10	7.425	1.485	2.440E-11	184.459	36.892	3.741E-07	92.306	18.461	4.688E-08
47	70.350	14.070	2.075E-08	42.690	8.538	4.637E-09	24.152	4.830	8.397E-10	107.814	21.563	7.470E-08	77.088	15.418	2.731E-08	5.555	1.111	1.022E-11	11.172	2.234	8.311E-11
48	6.203	1.241	1.423E-11	105.278	21.056	6.955E-08	69.190	13.838	1.974E-08	52.705	10.541	8.727E-09	107.585	21.517	7.422E-08	94.986	18.997	5.108E-08	12.239	2.448	1.093E-10
49	6.140	1.228	1.380E-11	60.254	12.051	1.304E-08	75.141	15.028	2.529E-08	90.318	18.064	4.391E-08	7.998	1.600	3.050E-11	64.847	12.969	1.625E-08	102.937	20.587	6.501E-08
50	96.715	19.343	5.392E-08	2.291	0.458	7.171E-13	2.574	0.515	1.016E-12	3.460	0.692	2.470E-12	105.144	21.029	6.929E-08	106.602	21.320	7.221E-08	25.418	5.084	9.788E-10
51	2.580	0.516	1.024E-12	15.499	3.100	2.219E-10	79.140	15.828	2.954E-08	28.921	5.784	1.442E-09	77.041	15.408	2.726E-08	77.159	15.432	2.738E-08	4.391	0.878	5.047E-12
52	96.953	19.391	5.432E-08	22.214	4.443	6.534E-10	92.335	18.467	4.692E-08	16.221	3.244	2.544E-10	64.090	12.818	1.569E-08	99.959	19.992	5.953E-08	4.858	0.972	6.834E-12
53	33.821	6.764	2.306E-09	34.216	6.843	2.388E-09	85.349	17.070	3.706E-08	66.700	13.340	1.769E-08	4.233	0.847	4.522E-12	4.980	0.996	7.360E-12	18.291	3.658	3.648E-10
54	100.957	20.191	6.133E-08	51.100	10.220	7.954E-09	94.657	18.931	5.055E-08	60.377	12.075	1.312E-08	100.143	20.029	5.986E-08	56.047	11.209	1.049E-08	64.704	12.941	1.615E-08
55	34.797	6.959	2.511E-09	56.242	11.248	1.060E-08	12.920	2.584	1.285E-10	98.911	19.782	5.768E-08	61.213	12.243	1.367E-08	12.114	2.423	1.060E-10	93.352	18.670	4.849E-08
56	36.337	7.267	2.860E-09	17.898	3.580	3.417E-10	17.624	3.525	3.263E-10	24.732	4.946	9.017E-10	2.343	0.469	7.662E-13	25.471	5.094	9.849E-10	9.454	1.891	5.037E-11
57	-42.421	0.000	0.000E+00	73.078	14.616	2.326E-08	36.440	7.288	2.884E-09	99.345	19.869	5.844E-08	23.277	4.655	7.517E-10	-3.681	0.000	0.000E+00	90.724	18.145	4.451E-08
58	19.894	3.979	4.693E-10	3.064	0.613	1.714E-12	58.968	11.794	1.222E-08	4.073	0.815	4.027E-12	55.081	11.016	9.961E-09	63.991	12.798	1.562E-08	37.944	7.589	3.256E-09
59	23.791	4.758	8.026E-10	52.480	10.496	8.615E-09	60.410	12.082	1.314E-08	90.399	18.080	4.403E-08	100.856	20.171	6.115E-08	21.367	4.273	5.815E-10	63.277	12.655	1.510E-08
60	130.109	26.022	1.313E-07	40.449	8.090	3.945E-09	64.419	12.884	1.593E-08	74.776	14.955	2.492E-08	82.434	16.487	3.339E-08	6.934	1.387	1.988E-11	98.088	19.618	5.625E-08
61	5.929	1.186	1.242E-11	56.846	11.369	1.095E-08	19.640	3.928	4.516E-10	59.520	11.904	1.257E-08	9.717	1.943	5.469E-11	27.709	5.542	1.268E-09	6.184	1.237	1.409E-11
62	16.611	3.322	2.732E-10	74.574	14.915	2.472E-08	113.814	22.763	8.788E-08	103.826	20.765	6.671E-08	102.729	20.546	6.462E-08	1.977	0.395	4.606E-13	3.746	0.749	3.134E-12
63	5.812	1.162	1.170E-11	5.145	1.029	8.119E-12	54.538	10.908	9.669E-09	-159.383	0.000	0.000E+00	27.768	5.554	1.276E-09	47.631	9.526	6.441E-09	91.426	18.285	4.555E-08
64	73.156	14.631	2.334E-08	18.941	3.788	4.051E-10	102.172	20.434	6.357E-08	62.187	12.437	1.433E-08	11.336	2.267	8.683E-11	90.412	18.082	4.405E-08	2.050	0.410	5.136E-13
65	56.944	11.389	1.101E-08	16.497	3.299	2.676E-10	100.255	20.051	6.006E-08	72.950	14.590	2.314E-08	3.668	0.734	2.942E-12	112.487	22.497	8.484E-08	36.745	7.349	2.957E-09
66	54.137	10.827	9.458E-09	-4.175	0.000	0.000E+00	10.726	2.145	7.355E-11	18.692	3.738	3.893E-10	63.078	12.616	1.496E-08	71.386	14.277	2.168E-08	33.378	6.676	2.217E-09
67	5.860	1.172	1.199E-11	-3.567	0.000	0.000E+00	18.574	3.715	3.819E-10	28.253	5.651	1.344E-09	26.025	5.205	1.051E-09	60.716	12.143	1.334E-08	8.316	1.663	3.429E-11
68	68.726	13.745	1.935E-08	61.647	12.329	1.396E-08	61.123	12.225	1.361E-08	9.155	1.831	4.574E-11	87.652	17.530	4.014E-08	103.739	20.748	6.655E-08	5.411	1.082	9.442E-12
69	5.724	1.145	1.118E-11	17.514	3.503	3.202E-10	17.042	3.408	2.950E-10	60.182	12.036	1.299E-08	11.837	2.367	9.887E-11	16.910	3.382	2.882E-10	-58.373	0.000	0.000E+00
70	67.952	13.590	1.870E-08	16.256	3.251	2.560E-10	88.154	17.631	4.083E-08	90.347	18.069	4.396E-08	33.995	6.799	2.342E-09	14.618	2.924	1.862E-10	20.566	4.113	5.185E-10
71	32.338	6.468	2.016E-09	75.787	15.157	2.595E-08	95.213	19.043	5.145E-08	51.404	10.281	8.096E-09	87.979	17.596	4.059E-08	3.418	0.684	2.381E-12	59.603	11.921	1.262E-08
72	5.422	1.084	9.502E-12	9.635	1.927	5.332E-11	112.398	22.480	8.464E-08	53.841	10.768	9.303E-09	27.510	5.502	1.241E-09	4.790	0.958	6.550E-12	23.428	4.686	7.665E-10
73	89.330	17.866	4.249E-08	82.839	16.568	3.388E-08	91.166	18.233	4.516E-08	19.751	3.950	4.593E-10	86.086	17.217	3.803E-08	6.492	1.298	1.631E-11	129.862	25.972	1.305E-07
74	3.042	0.608	1.679E-12	98.144	19.629	5.635E-08	96.626	19.325	5.377E-08	139.711	27.942	1.625E-07	7.884	1.577	2.921E-11	9.682	1.936	5.410E-11	23.937	4.787	8.175E-10
75	24.227	4.845	8.475E-10	51.157	10.231	7.980E-09	4.844	0.969	6.773E-12	65.199	13.040	1.652E-08	66.886	13.377	1.784E-08	18.223	3.645	3.607E-10	10.276	2.055	6.468E-11
76	72.431	14.486	2.265E-08	53.823	10.765	9.294E-09	88.521	17.704	4.135E-08	6.681	1.336	1.778E-11	6.565	1.313	1.687E-11	96.545	19.309	5.364E-08	4.087	0.817	4.069E-12
77	67.137	13.427	1.804E-08	64.693	12.939	1.614E-08	30.562	6.112	1.701E-09	63.224	12.645	1.506E-08	31.679	6.336	1.895E-09	11.874	2.375	9.979E-11	5.698	1.140	1.103E-11
78	31.038	6.208	1.782E-09	4.517	0.903	5.495E-12	15.952	3.190	2.420E-10	-132.448	0.000	0.000E+00	91.039	18.208	4.498E-08	2.800	0.560	1.309E-12	56.812	11.362	1.093E-08
79	95.681	19.136	5.221E-08	101.532	20.306	6.239E-08	4.563	0.913	5.664E-12	95.133	19.027	5.132E-08	56.741	11.348	1.089E-08	25.108	5.022	9.435E-10	84.526	16.905	3.600E-08
80	22.749	4.550	7.017E-10	31.968	6.394	1.947E-09	9.158	1.832	4.578E-11	109.229	21.846	7.768E-08	-3.002	0.000	0.000E+00	35.173	7.035	2.594E-09	51.140	10	

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	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
81	19.644	3.929	4.518E-10	115.176	23.035	9.107E-08	27.412	5.482	1.228E-09	56.647	11.329	1.083E-08	14.218	2.844	1.713E-10	112.722	22.544	8.537E-08	-5.400	0.000	0.000E+00
82	22.041	4.408	6.382E-10	105.093	21.019	6.919E-08	64.200	12.840	1.577E-08	112.428	22.486	8.471E-08	2.942	0.588	1.518E-12	98.170	19.634	5.639E-08	20.125	4.025	4.859E-10
83	17.842	3.568	3.386E-10	50.799	10.160	7.814E-09	78.025	15.605	2.831E-08	52.684	10.537	8.716E-09	3.435	0.687	2.416E-12	57.181	11.436	1.114E-08	-31.124	0.000	0.000E+00
84	13.396	2.679	1.433E-10	5.589	1.118	1.041E-11	2.875	0.575	1.416E-12	3.032	0.606	1.661E-12	43.787	8.757	5.004E-09	19.445	3.889	4.382E-10	94.393	18.879	5.013E-08
85	103.417	20.683	6.593E-08	71.913	14.383	2.217E-08	15.446	3.089	2.197E-10	101.349	20.270	6.205E-08	50.046	10.009	7.472E-09	3.305	0.661	2.153E-12	58.470	11.694	1.192E-08
86	3.220	0.644	1.991E-12	15.342	3.068	2.153E-10	20.971	4.194	5.498E-10	23.626	4.725	7.861E-10	24.077	4.815	8.320E-10	88.008	17.602	4.063E-08	25.352	5.070	9.712E-10
87	80.890	16.178	3.155E-08	28.056	5.611	1.316E-09	23.564	4.713	7.798E-10	11.589	2.318	9.278E-11	24.090	4.818	8.333E-10	1.851	0.370	3.778E-13	14.378	2.876	1.772E-10
88	79.321	15.864	2.975E-08	25.494	5.099	9.876E-10	104.937	20.987	6.888E-08	6.468	1.294	1.613E-11	43.542	8.708	4.921E-09	101.265	20.253	6.190E-08	24.259	4.852	8.509E-10
89	20.271	4.054	4.965E-10	104.796	20.959	6.860E-08	67.699	13.540	1.849E-08	184.748	36.950	3.759E-07	23.732	4.746	7.967E-10	4.879	0.976	6.924E-12	4.615	0.923	5.859E-12
90	98.311	19.662	5.664E-08	5.644	1.129	1.071E-11	41.294	8.259	4.197E-09	111.286	22.257	8.215E-08	55.614	11.123	1.025E-08	93.120	18.624	4.813E-08	62.057	12.411	1.424E-08
91	82.269	16.454	3.319E-08	98.895	19.779	5.765E-08	6.918	1.384	1.974E-11	99.153	19.831	5.810E-08	64.972	12.994	1.635E-08	6.329	1.266	1.511E-11	4.876	0.975	6.911E-12
92	67.843	13.569	1.861E-08	19.516	3.903	4.431E-10	18.545	3.709	3.802E-10	68.350	13.670	1.903E-08	5.854	1.171	1.196E-11	34.036	6.807	2.350E-09	79.922	15.984	3.043E-08
93	59.561	11.912	1.259E-08	96.925	19.385	5.427E-08	2.671	0.534	1.136E-12	59.044	11.809	1.227E-08	4.787	0.957	6.540E-12	104.837	20.967	6.868E-08	73.584	14.717	2.375E-08
94	4.903	0.981	7.025E-12	92.716	18.543	4.751E-08	89.976	17.995	4.342E-08	30.535	6.107	1.697E-09	4.871	0.974	6.889E-12	5.793	1.159	1.159E-11	12.304	2.461	1.110E-10
95	60.189	12.038	1.300E-08	88.154	17.631	4.083E-08	84.387	16.877	3.582E-08	4.644	0.929	5.971E-12	4.975	0.995	7.340E-12	89.307	17.861	4.246E-08	3.694	0.739	3.004E-12
96	36.647	7.329	2.934E-09	51.647	10.329	8.211E-09	-11.099	0.000	0.000E+00	-11.290	0.000	0.000E+00	5.666	1.133	1.084E-11	5.343	1.069	9.090E-12	170.727	34.145	2.966E-07
97	55.920	11.184	1.042E-08	7.841	1.568	2.873E-11	65.778	13.156	1.696E-08	60.052	12.010	1.291E-08	38.164	7.633	3.313E-09	2.295	0.459	7.205E-13	4.818	0.964	6.667E-12
98	37.658	7.532	3.183E-09	8.252	1.650	3.350E-11	73.029	14.606	2.322E-08	-63.102	0.000	0.000E+00	2.809	0.562	1.321E-12	60.616	12.123	1.328E-08	4.644	0.929	5.971E-12
99	59.168	11.834	1.235E-08	19.136	3.827	4.177E-10	58.829	11.766	1.214E-08	27.776	5.555	1.277E-09	22.944	4.589	7.200E-10	15.267	3.053	2.121E-10	82.663	16.533	3.367E-08
100	-33.301	0.000	0.000E+00	4.279	0.856	4.669E-12	20.337	4.067	5.013E-10	22.344	4.469	6.649E-10	25.576	5.115	9.972E-10	88.863	17.773	4.183E-08	111.067	22.213	8.167E-08
101	112.649	22.530	8.521E-08	96.311	19.262	5.325E-08	31.001	6.200	1.776E-09	3.753	0.751	3.150E-12	5.853	1.171	1.195E-11	10.275	2.055	6.466E-11	5.201	1.040	8.387E-12
102	37.209	7.442	3.071E-09	5.172	1.034	8.245E-12	43.242	8.648	4.820E-09	54.646	10.929	9.727E-09	42.955	8.591	4.724E-09	4.206	0.841	4.435E-12	73.703	14.741	2.386E-08
103	91.853	18.371	4.619E-08	99.352	19.870	5.846E-08	4.496	0.899	5.416E-12	21.261	4.252	5.729E-10	59.272	11.854	1.241E-08	20.086	4.017	4.830E-10	32.332	6.466	2.015E-09
104	3.347	0.669	2.234E-12	41.488	8.298	4.256E-09	92.968	18.594	4.789E-08	95.202	19.040	5.143E-08	30.245	6.049	1.649E-09	26.168	5.234	1.068E-09	22.987	4.597	7.240E-10
105	7.436	1.487	2.451E-11	23.198	4.640	7.441E-10	65.467	13.093	1.672E-08	97.574	19.515	5.537E-08	-25.034	0.000	0.000E+00	27.525	5.505	1.243E-09	3.820	0.764	3.322E-12
106	3.682	0.736	2.975E-12	79.676	15.935	3.015E-08	9.175	1.835	4.604E-11	27.257	5.451	1.207E-09	37.751	7.550	3.207E-09	101.094	20.219	6.158E-08	162.923	32.585	2.578E-07
107	59.009	11.802	1.225E-08	91.311	18.262	4.538E-08	12.188	2.438	1.079E-10	108.885	21.777	7.695E-08	30.851	6.170	1.750E-09	7.009	1.402	2.053E-11	63.283	12.657	1.511E-08
108	95.912	19.182	5.259E-08	22.091	4.418	6.426E-10	5.751	1.150	1.134E-11	75.924	15.185	2.609E-08	4.212	0.842	4.455E-12	22.039	4.408	6.380E-10	1.842	0.368	3.728E-13
109	63.056	12.611	1.494E-08	10.775	2.155	7.457E-11	31.356	6.271	1.838E-09	95.013	19.003	5.113E-08	2.679	0.536	1.146E-12	-2.474	0.000	0.000E+00	9.642	1.928	5.343E-11
110	55.604	11.121	1.025E-08	5.313	1.063	8.938E-12	101.880	20.376	6.303E-08	35.730	7.146	2.719E-09	27.969	5.594	1.304E-09	75.281	15.056	2.543E-08	61.592	12.318	1.393E-08
111	35.373	7.075	2.638E-09	26.404	5.281	1.097E-09	63.131	12.626	1.500E-08	-4.523	0.000	0.000E+00	111.820	22.364	8.334E-08	41.884	8.377	4.380E-09	39.151	7.830	3.577E-09
112	30.464	6.093	1.685E-09	2.655	0.531	1.115E-12	95.257	19.051	5.152E-08	40.888	8.178	4.075E-09	20.886	4.177	5.431E-10	33.681	6.736	2.277E-09	21.673	4.335	6.068E-10
113	11.590	2.318	9.281E-11	132.091	26.418	1.374E-07	60.701	12.140	1.333E-08	82.113	16.423	3.300E-08	3.572	0.714	2.171E-12	82.721	16.544	3.374E-08	69.888	13.978	2.035E-08
114	59.303	11.861	1.243E-08	6.164	1.233	1.396E-11	22.549	4.510	6.834E-10	2.814	0.563	1.329E-12	51.385	10.277	8.087E-09	33.162	6.632	2.174E-09	106.417	21.283	7.183E-08
115	4.593	0.919	5.775E-12	100.237	20.047	6.003E-08	4.073	0.815	4.027E-12	4.678	0.936	6.104E-12	30.268	6.054	1.653E-09	59.505	11.901	1.256E-08	16.409	3.282	2.634E-10
116	23.967	4.793	8.206E-10	101.916	20.383	6.310E-08	106.927	21.385	7.287E-08	5.791	1.158	1.157E-11	32.475	6.495	2.041E-09	4.619	0.924	5.873E-12	60.160	12.032	1.298E-08
117	3.980	0.796	3.758E-12	68.667	13.733	1.930E-08	53.311	10.662	9.031E-09	34.530	6.906	2.454E-09	30.527	6.105	1.696E-09	25.918	5.184	1.038E-09	9.754	1.951	5.532E-11
118	23.120	4.624	7.367E-10	77.304	15.461	2.754E-08	22.270	4.454	6.584E-10	3.024	0.605	1.648E-12	34.422	6.884	2.431E-09	97.836	19.567	5.582E-08	63.531	12.706	1.528E-08
119	106.903	21.381	7.282E-08	-58.270	0.000	0.000E+00	36.019	7.204	2.785E-09	6.136	1.227	1.377E-11	5.797	1.159	1.161E-11	107.705	21.541	7.447E-08	5.212	1.042	8.438E-12
120	86.335	17.267	3.836E-08	23.099	4.620	7.347E-10	69.592	13.918	2.009E-08	38.583	7.717	3.423E-09	31.585	6.317	1.878E-09	60.416	12.083	1.314E-08	4.135	0.827	4.215E-12
121	44.675	8.935	5.315E-09	101.886	20.377	6.304E-08	11.750	2.350	9.669E-11	-52.831	0.000	0.000E+00	5.745	1.149	1.130E-11	49.426	9.885	7.197E-09	20.705	4.141	5.290E-10
122	15.785	3.157	2.344E-10	7.264	1.453	2.285E-11	3.611	0.722	2.806E-12	3.241	0.648	2.030E-12	32.780	6.556	2.100E-09	34.078	6.816	2.582E-09	22.270	4.454	6.584E-10
123	66.879	13.376	1.783E-08	19.547	3.909	4.452E-10	60.257	12.051	1.304E-08	5.328	1.066	9.015E-12	28.405	5.681	1.366E-09	81.716	16.343	3.252E-08	16.996	3.399	2.926E-10
124	85.715	17.143	3.754E-08	70.099	14.020	2.053E-08	103.472	20.694	6.603E-08	51.819	10.364	8.294E-09	54.378	10.876	9.584E-09	14.050	2.810	1.653E-10	19.586	3.917	4.479E-10
125	21.737	4.347	6.122E-10	5.795	1.159	1.160E-11	99.742	19.948	5.915E-08	24.335	4.867	8.590E-10	5.871	1.174	1.207E-11	39.393	7.879	3.644E-09	6.277	1.255	1.474E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
126	21.017	4.203	5.534E-10	20.669	4.134	5.263E-10	-3.544	0.000	0.000E+00	3.301	0.660	2.145E-12	30.809	6.162	1.743E-09	30.765	6.153	1.736E-09	2.360	0.472	7.831E-13
127	33.781	6.756	2.298E-09	25.812	5.162	1.025E-09	10.586	2.117	7.071E-11	69.345	13.869	1.988E-08	64.902	12.980	1.630E-08	35.502	7.100	2.667E-09	56.258	11.252	1.061E-08
128	51.536	10.307	8.159E-09	34.645	6.929	2.479E-09	23.151	4.630	7.396E-10	128.451	25.690	1.263E-07	24.855	4.971	9.152E-10	-4.480	0.000	0.000E+00	5.434	1.087	9.566E-12
129	24.324	4.865	8.578E-10	7.713	1.543	2.736E-11	53.763	10.753	9.263E-09	55.293	11.059	1.008E-08	7.034	1.407	2.075E-11	38.207	7.641	3.324E-09	29.064	5.813	1.463E-09
130	3.484	0.697	2.520E-12	5.978	1.196	1.273E-11	3.793	0.759	3.252E-12	6.478	1.296	1.620E-11	31.364	6.273	1.839E-09	-1.535	0.000	0.000E+00	33.173	6.635	2.176E-09
131	83.148	16.630	3.426E-08	34.884	6.977	2.530E-09	84.082	16.816	3.543E-08	94.910	18.982	5.096E-08	40.028	8.006	3.823E-09	23.316	4.663	7.555E-10	6.887	1.377	1.947E-11
132	6.069	1.214	1.332E-11	70.934	14.187	2.127E-08	26.598	5.320	1.122E-09	58.405	11.681	1.188E-08	23.353	4.671	7.591E-10	35.494	7.099	2.665E-09	84.650	16.930	3.616E-08
133	34.812	6.962	2.515E-09	38.138	7.628	3.306E-09	86.812	17.362	3.900E-08	26.487	5.297	1.108E-09	33.971	6.794	2.337E-09	22.112	4.422	6.444E-10	2.537	0.507	9.731E-13
134	110.517	22.103	8.046E-08	55.142	11.028	9.994E-09	18.226	3.645	3.609E-10	9.248	1.850	4.714E-11	33.875	6.775	2.317E-09	31.002	6.200	1.776E-09	20.035	4.007	4.794E-10
135	96.921	19.384	5.427E-08	8.829	1.766	4.103E-11	90.621	18.124	4.436E-08	6.401	1.280	1.564E-11	21.650	4.330	6.048E-10	20.330	4.066	5.008E-10	54.153	10.831	9.466E-09
136	52.519	10.504	8.635E-09	1.775	0.355	3.333E-13	59.482	11.896	1.254E-08	6.029	1.206	1.306E-11	6.405	1.281	1.566E-11	28.498	5.700	1.379E-09	22.687	4.537	6.961E-10
137	5.465	1.093	9.730E-12	41.756	8.351	4.339E-09	22.710	4.542	6.981E-10	12.236	2.447	1.092E-10	27.333	5.467	1.217E-09	7.383	1.477	2.398E-11	77.909	15.582	2.819E-08
138	6.247	1.249	1.453E-11	27.132	5.426	1.191E-09	44.703	8.941	5.325E-09	83.870	16.774	3.516E-08	33.425	6.685	2.226E-09	2.568	0.514	1.009E-12	47.227	9.445	6.279E-09
139	32.245	6.449	1.998E-09	4.390	0.878	5.043E-12	66.572	13.314	1.759E-08	4.258	0.852	4.601E-12	28.759	5.752	1.418E-09	6.417	1.283	1.575E-11	21.768	4.354	6.148E-10
140	3.342	0.668	2.225E-12	8.803	1.761	4.067E-11	58.415	11.683	1.188E-08	37.962	7.592	3.261E-09	2.654	0.531	1.114E-12	8.008	1.602	3.061E-11	18.509	3.702	3.780E-10
141	10.754	2.151	7.414E-11	54.579	10.916	9.691E-09	12.805	2.561	1.251E-10	51.906	10.381	8.336E-09	34.315	6.863	2.409E-09	23.699	4.740	7.934E-10	5.607	1.121	1.051E-11
142	28.645	5.729	1.401E-09	90.565	18.113	4.428E-08	28.294	5.659	1.350E-09	6.916	1.383	1.972E-11	9.059	1.812	4.431E-11	20.159	4.032	4.883E-10	89.885	17.977	4.329E-08
143	4.513	0.903	5.480E-12	48.301	9.660	6.717E-09	7.703	1.541	2.724E-11	91.129	18.226	4.511E-08	32.795	6.559	2.102E-09	30.321	6.064	1.662E-09	29.335	5.867	1.505E-09
144	26.581	5.316	1.120E-09	54.778	10.956	9.798E-09	35.182	7.036	2.596E-09	18.352	3.670	3.684E-10	51.803	10.361	8.286E-09	95.157	19.031	5.136E-08	2.256	0.451	6.847E-13
145	70.735	14.147	2.110E-08	2.084	0.417	5.397E-13	5.802	1.160	1.164E-11	12.076	2.415	1.050E-10	23.854	4.771	8.091E-10	6.972	1.394	2.020E-11	31.630	6.326	1.886E-09
146	40.374	8.075	3.923E-09	96.326	19.265	5.327E-08	24.096	4.819	8.339E-10	2.283	0.457	7.095E-13	31.747	6.349	1.907E-09	35.081	7.016	2.573E-09	28.421	5.684	1.368E-09
147	30.460	6.092	1.684E-09	5.083	1.017	7.827E-12	98.805	19.761	5.749E-08	24.443	4.889	8.704E-10	31.742	6.348	1.906E-09	40.992	8.198	4.106E-09	3.581	0.716	2.738E-12
148	28.275	5.655	1.347E-09	55.141	11.028	9.993E-09	29.994	5.999	1.608E-09	-21.359	0.000	0.000E+00	101.981	20.396	6.322E-08	24.074	4.815	8.317E-10	6.651	1.330	1.754E-11
149	69.825	13.965	2.029E-08	6.312	1.262	1.499E-11	45.717	9.143	5.695E-09	16.531	3.306	2.693E-10	30.082	6.016	1.623E-09	29.483	5.897	1.528E-09	31.002	6.200	1.776E-09
150	-5.987	0.000	0.000E+00	57.951	11.590	1.160E-08	28.240	5.648	1.342E-09	21.575	4.315	5.986E-10	29.030	5.806	1.458E-09	75.327	15.065	2.548E-08	2.636	0.527	1.091E-12
151	21.034	4.207	5.547E-10	34.242	6.848	2.393E-09	36.027	7.205	2.787E-09	34.818	6.964	2.516E-09	6.648	1.330	1.752E-11	22.853	4.571	7.114E-10	45.706	9.141	5.691E-09
152	4.075	0.815	4.034E-12	6.857	1.371	1.922E-11	25.482	5.096	9.863E-10	41.392	8.278	4.227E-09	8.644	1.729	3.850E-11	26.799	5.360	1.147E-09	3.213	0.643	1.977E-12
153	6.668	1.334	1.767E-11	33.029	6.606	2.148E-09	5.050	1.010	7.677E-12	3.574	0.715	2.722E-12	32.674	6.535	2.079E-09	187.487	37.497	3.928E-07	20.675	4.135	5.268E-10
154	6.885	1.377	1.946E-11	1.878	0.376	3.948E-13	21.736	4.347	6.121E-10	26.445	5.289	1.102E-09	16.011	3.202	2.446E-10	9.721	1.944	5.475E-11	21.578	4.316	5.988E-10
155	2.697	0.539	1.169E-12	13.015	2.603	1.314E-10	26.558	5.312	1.117E-09	69.592	13.918	2.009E-08	75.004	15.001	2.515E-08	31.781	6.356	1.913E-09	99.163	19.833	5.812E-08
156	3.736	0.747	3.109E-12	53.432	10.686	9.093E-09	34.559	6.912	2.460E-09	5.803	1.161	1.164E-11	27.740	5.548	1.272E-09	-8.154	0.000	0.000E+00	62.459	12.492	1.452E-08
157	23.364	4.673	7.602E-10	-22.812	0.000	0.000E+00	27.501	5.500	1.240E-09	30.736	6.147	1.731E-09	5.305	1.061	8.897E-12	20.213	4.043	4.922E-10	2.544	0.509	9.819E-13
158	27.033	5.407	1.178E-09	104.011	20.802	6.707E-08	63.675	12.735	1.539E-08	57.144	11.429	1.112E-08	4.848	0.970	6.792E-12	25.996	5.199	1.047E-09	6.803	1.361	1.877E-11
159	24.997	4.999	9.310E-10	18.166	3.633	3.573E-10	2.490	0.498	9.201E-13	3.943	0.789	3.655E-12	29.860	5.972	1.587E-09	25.268	5.054	9.616E-10	34.262	6.852	2.397E-09
160	3.400	0.680	2.342E-12	35.767	7.153	2.727E-09	22.476	4.495	6.768E-10	-3.860	0.000	0.000E+00	16.702	3.340	2.777E-10	4.454	0.891	5.266E-12	42.959	8.592	4.725E-09
161	31.158	6.232	1.803E-09	4.513	0.903	5.477E-12	26.596	5.319	1.121E-09	31.976	6.395	1.949E-09	5.052	1.010	7.686E-12	22.040	4.408	6.381E-10	2.361	0.472	7.845E-13
162	68.048	13.610	1.878E-08	25.922	5.184	1.038E-09	32.603	6.521	2.066E-09	6.635	1.327	1.741E-11	32.114	6.423	1.974E-09	29.064	5.813	1.463E-09	29.152	5.830	1.477E-09
163	25.289	5.058	9.640E-10	43.979	8.796	5.070E-09	4.885	0.977	6.950E-12	27.598	5.520	1.253E-09	25.299	5.060	9.652E-10	29.441	5.888	1.521E-09	25.065	5.013	9.386E-10
164	104.917	20.983	6.884E-08	72.205	14.441	2.244E-08	5.082	1.016	7.823E-12	35.427	7.085	2.650E-09	31.558	6.312	1.873E-09	28.920	5.784	1.442E-09	55.116	11.023	9.980E-09
165	98.828	19.766	5.754E-08	29.854	5.971	1.586E-09	27.035	5.407	1.178E-09	25.603	5.121	1.000E-09	19.824	3.965	4.643E-10	13.168	2.634	1.361E-10	21.674	4.335	6.069E-10
166	6.707	1.341	1.799E-11	5.461	1.092	9.709E-12	22.596	4.519	6.876E-10	-32.471	0.000	0.000E+00	103.726	20.745	6.652E-08	29.539	5.908	1.536E-09	97.317	19.463	5.494E-08
167	40.201	8.040	3.873E-09	-2.924	0.000	0.000E+00	29.312	5.862	1.501E-09	31.714	6.343	1.901E-09	35.157	7.031	2.590E-09	27.251	5.450	1.206E-09	25.681	5.136	1.010E-09
168	20.585	4.117	5.199E-10	29.919	5.984	1.596E-09	88.014	17.603	4.064E-08	6.009	1.202	1.293E-11	22.054	4.411	6.394E-10	10.134	2.027	6.203E-11	4.654	0.931	6.009E-12
169	5.606	1.121	1.050E-11	22.587	4.517	6.869E-10	28.668	5.734	1.404E-09	5.628	1.126	1.062E-11	24.551	4.910	8.821E-10	42.661	8.532	4.628E-09	41.898	8.380	4.384E-09
170	36.735	7.347	2.955E-09	11.405	2.281	8.841E-11	8.594	1.719	3.783E-11	37.716	7.543	3.198E-09	32.326	6.465	2.013E-09	10.427	2.085	6.758E-11	30.088	6.018	1.624E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
171	7.214	1.443	2.238E-11	33.743	6.749	2.290E-09	-15.160	0.000	0.000E+00	36.060	7.212	2.795E-09	18.431	3.686	3.732E-10	112.154	22.431	8.409E-08	97.237	19.447	5.480E-08
172	5.506	1.101	9.948E-12	23.359	4.672	7.597E-10	21.462	4.292	5.893E-10	8.444	1.689	3.589E-11	56.440	11.288	1.072E-08	29.242	5.848	1.490E-09	28.894	5.779	1.438E-09
173	32.738	6.548	2.091E-09	4.520	0.904	5.503E-12	5.876	1.175	1.209E-11	59.570	11.914	1.260E-08	30.756	6.151	1.734E-09	23.149	4.630	7.394E-10	10.705	2.141	7.313E-11
174	183.510	36.702	3.684E-07	33.103	6.621	2.162E-09	12.616	2.523	1.197E-10	39.601	7.920	3.702E-09	18.004	3.601	3.479E-10	20.948	4.190	5.479E-10	32.856	6.571	2.114E-09
175	24.611	4.922	8.885E-10	5.804	1.161	1.165E-11	44.014	8.803	5.082E-09	12.764	2.553	1.239E-10	9.279	1.856	4.762E-11	24.446	4.889	8.708E-10	31.980	6.396	1.949E-09
176	16.562	3.312	2.708E-10	39.178	7.836	3.584E-09	38.440	7.688	3.386E-09	46.481	9.296	5.986E-09	34.969	6.994	2.549E-09	29.589	5.918	1.544E-09	24.581	4.916	8.853E-10
177	27.926	5.585	1.298E-09	30.727	6.145	1.729E-09	23.892	4.778	8.130E-10	-18.442	0.000	0.000E+00	32.294	6.459	2.007E-09	23.755	4.751	7.991E-10	24.161	4.832	8.407E-10
178	19.663	3.933	4.531E-10	22.638	4.528	6.915E-10	39.507	7.901	3.675E-09	43.662	8.732	4.961E-09	29.776	5.955	1.574E-09	22.368	4.474	6.671E-10	24.368	4.874	8.625E-10
179	3.900	0.780	3.535E-12	60.600	12.120	1.327E-08	18.563	3.713	3.813E-10	22.204	4.441	6.525E-10	31.000	6.200	1.776E-09	26.669	5.334	1.131E-09	16.368	3.274	2.614E-10
180	28.472	5.694	1.376E-09	58.505	11.701	1.194E-08	18.981	3.796	4.076E-10	6.380	1.276	1.548E-11	4.496	0.899	5.416E-12	-6.926	0.000	0.000E+00	36.888	7.378	2.992E-09
181	53.848	10.770	9.307E-09	15.961	3.192	2.424E-10	2.802	0.560	1.311E-12	7.824	1.565	2.854E-11	28.016	5.603	1.311E-09	21.905	4.381	6.265E-10	40.599	8.120	3.989E-09
182	29.084	5.817	1.466E-09	25.384	5.077	9.749E-10	22.517	4.503	6.805E-10	9.548	1.910	5.188E-11	184.298	36.860	3.731E-07	29.906	5.981	1.594E-09	19.108	3.822	4.159E-10
183	23.260	4.652	7.501E-10	50.864	10.173	7.844E-09	53.616	10.723	9.187E-09	55.387	11.077	1.013E-08	104.246	20.849	6.753E-08	175.616	35.123	3.228E-07	45.305	9.061	5.543E-09
184	25.945	5.189	1.041E-09	4.258	0.852	4.601E-12	63.575	12.715	1.532E-08	25.669	5.134	1.008E-09	9.357	1.871	4.883E-11	30.456	6.091	1.684E-09	27.639	5.528	1.259E-09
185	31.009	6.202	1.777E-09	28.739	5.748	1.415E-09	18.578	3.716	3.822E-10	35.255	7.051	2.612E-09	31.094	6.219	1.792E-09	29.962	5.992	1.603E-09	7.554	1.511	2.569E-11
186	14.617	2.923	1.861E-10	39.749	7.950	3.743E-09	23.340	4.668	7.579E-10	8.083	1.617	3.148E-11	6.766	1.353	1.846E-11	7.017	1.403	2.060E-11	12.992	2.598	1.307E-10
187	27.134	5.427	1.191E-09	5.732	1.146	1.123E-11	31.720	6.344	1.902E-09	26.925	5.385	1.163E-09	33.349	6.670	2.211E-09	31.671	6.334	1.894E-09	9.028	1.806	4.387E-11
188	-3.342	0.000	0.000E+00	28.319	5.664	1.354E-09	17.719	3.544	3.316E-10	4.310	0.862	4.773E-12	4.514	0.903	5.484E-12	25.008	5.002	9.322E-10	29.516	5.903	1.533E-09
189	24.938	4.988	9.244E-10	36.546	7.309	2.909E-09	34.853	6.971	2.524E-09	22.547	4.509	6.832E-10	11.187	2.237	8.345E-11	7.484	1.497	2.499E-11	49.147	9.829	7.076E-09
190	-3.981	0.000	0.000E+00	28.638	5.728	1.400E-09	36.799	7.360	2.970E-09	106.544	21.309	7.209E-08	32.479	6.496	2.042E-09	26.033	5.207	1.052E-09	35.090	7.018	2.575E-09
191	28.194	5.639	1.336E-09	5.805	1.161	1.166E-11	32.946	6.589	2.131E-09	5.869	1.174	1.205E-11	25.947	5.189	1.041E-09	-19.846	0.000	0.000E+00	31.097	6.219	1.792E-09
192	-11.817	0.000	0.000E+00	47.055	9.411	6.210E-09	94.888	18.978	5.092E-08	38.817	7.763	3.486E-09	27.498	5.500	1.239E-09	16.074	3.215	2.475E-10	33.297	6.659	2.201E-09
193	35.136	7.027	2.585E-09	25.265	5.053	9.613E-10	35.226	7.045	2.606E-09	26.229	5.246	1.076E-09	104.973	20.995	6.895E-08	29.836	5.967	1.583E-09	30.792	6.158	1.740E-09
194	61.868	12.374	1.412E-08	6.371	1.274	1.541E-11	13.975	2.795	1.627E-10	30.734	6.147	1.730E-09	29.633	5.927	1.551E-09	26.765	5.353	1.143E-09	7.278	1.456	2.298E-11
195	33.633	6.727	2.268E-09	28.080	5.616	1.320E-09	28.011	5.602	1.310E-09	22.311	4.462	6.620E-10	27.072	5.414	1.183E-09	-23.469	0.000	0.000E+00	8.912	1.782	4.220E-11
196	25.011	5.002	9.326E-10	7.512	1.502	2.527E-11	35.901	7.180	2.758E-09	207.511	41.502	5.326E-07	28.159	5.632	1.331E-09	21.648	4.330	6.047E-10	22.335	4.467	6.641E-10
197	8.498	1.700	3.657E-11	40.842	8.168	4.061E-09	91.891	18.378	4.625E-08	50.790	10.158	7.809E-09	33.278	6.656	2.197E-09	-13.674	0.000	0.000E+00	6.847	1.369	1.914E-11
198	7.379	1.476	2.395E-11	-18.345	0.000	0.000E+00	3.432	0.686	2.409E-12	18.349	3.670	3.682E-10	28.573	5.715	1.390E-09	-4.133	0.000	0.000E+00	30.567	6.113	1.702E-09
199	38.226	7.645	3.329E-09	5.360	1.072	9.180E-12	19.173	3.835	4.201E-10	22.418	4.484	6.715E-10	100.568	20.114	6.063E-08	-4.129	0.000	0.000E+00	26.188	5.238	1.070E-09
200	31.420	6.284	1.849E-09	33.221	6.644	2.185E-09	29.005	5.801	1.454E-09	4.582	0.916	5.735E-12	103.468	20.694	6.602E-08	31.619	6.324	1.884E-09	21.124	4.225	5.618E-10
201	6.764	1.353	1.845E-11	21.497	4.299	5.921E-10	17.889	3.578	3.413E-10	31.676	6.335	1.895E-09	6.157	1.231	1.391E-11	27.882	5.576	1.292E-09	-3.952	0.000	0.000E+00
202	29.788	5.958	1.575E-09	31.055	6.211	1.785E-09	27.261	5.452	1.208E-09	20.154	4.031	4.879E-10	93.283	18.657	4.838E-08	13.864	2.773	1.589E-10	33.080	6.616	2.158E-09
203	32.844	6.569	2.112E-09	29.519	5.904	1.533E-09	31.882	6.376	1.932E-09	23.386	4.677	7.624E-10	61.405	12.281	1.380E-08	23.915	4.783	8.152E-10	33.191	6.638	2.180E-09
204	24.554	4.911	8.824E-10	21.655	4.331	6.053E-10	31.425	6.285	1.850E-09	27.466	5.493	1.235E-09	32.606	6.521	2.066E-09	34.258	6.852	2.396E-09	23.672	4.734	7.906E-10
205	35.677	7.135	2.707E-09	-5.190	0.000	0.000E+00	3.665	0.733	2.935E-12	30.002	6.000	1.610E-09	28.536	5.707	1.385E-09	24.197	4.839	8.444E-10	20.289	4.058	4.978E-10
206	27.816	5.563	1.283E-09	24.480	4.896	8.744E-10	29.702	5.940	1.562E-09	71.091	14.218	2.142E-08	26.119	5.224	1.062E-09	32.892	6.578	2.121E-09	25.917	5.183	1.038E-09
207	28.405	5.681	1.366E-09	29.555	5.911	1.539E-09	-4.139	0.000	0.000E+00	25.851	5.170	1.030E-09	105.982	21.196	7.096E-08	13.713	2.743	1.537E-10	26.185	5.237	1.070E-09
208	29.314	5.863	1.501E-09	-4.629	0.000	0.000E+00	34.188	6.838	2.382E-09	36.477	7.295	2.893E-09	100.949	20.190	6.132E-08	33.210	6.642	2.183E-09	22.114	4.423	6.446E-10
209	28.998	5.800	1.453E-09	6.826	1.365	1.895E-11	33.028	6.606	2.148E-09	9.560	1.912	5.208E-11	100.929	20.186	6.128E-08	30.813	6.163	1.744E-09	32.190	6.438	1.988E-09
210	33.890	6.778	2.320E-09	25.639	5.128	1.005E-09	7.601	1.520	2.617E-11	29.207	5.841	1.485E-09	96.226	19.245	5.311E-08	24.124	4.825	8.368E-10	30.657	6.131	1.718E-09
211	-9.629	0.000	0.000E+00	33.020	6.604	2.146E-09	-3.554	0.000	0.000E+00	31.677	6.335	1.895E-09	6.063	1.213	1.328E-11	33.493	6.699	2.240E-09	4.755	0.951	6.407E-12
212	16.144	3.229	2.508E-10	6.655	1.331	1.757E-11	18.935	3.787	4.004E-10	5.231	1.046	8.530E-12	36.347	7.269	2.862E-09	29.341	5.868	1.506E-09	29.057	5.811	1.462E-09
213	19.620	3.924	4.502E-10	24.992	4.998	9.305E-10	35.668	7.134	2.705E-09	31.149	6.230	1.802E-09	102.442	20.488	6.408E-08	34.375	6.875	2.421E-09	3.469	0.694	2.488E-12
214	36.383	7.277	2.871E-09	22.674	4.535	6.948E-10	24.056	4.811	8.298E-10	36.096	7.219	2.803E-09	27.248	5.450	1.206E-09	21.517	4.303	5.938E-10	27.228	5.446	1.203E-09
215	7.846	1.569	2.879E-11	34.346	6.869	2.415E-09	27.112	5.422	1.188E-09	92.515	18.503	4.720E-08	31.943	6.389	1.943E-09	34.410	6.882	2.429E-09	24.357	4.871	8.613E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
216	9.001	1.800	4.347E-11	35.191	7.038	2.598E-09	36.777	7.355	2.965E-09	3.179	0.636	1.914E-12	59.831	11.966	1.277E-08	31.883	6.377	1.932E-09	31.338	6.268	1.834E-09
217	29.349	5.870	1.507E-09	14.583	2.917	1.848E-10	25.161	5.032	9.495E-10	27.895	5.579	1.294E-09	22.582	4.516	6.864E-10	27.343	5.469	1.218E-09	24.309	4.862	8.562E-10
218	37.444	7.489	3.129E-09	36.252	7.250	2.840E-09	35.081	7.016	2.573E-09	94.319	18.864	5.001E-08	28.370	5.674	1.361E-09	39.480	7.896	3.668E-09	9.257	1.851	4.728E-11
219	21.237	4.247	5.709E-10	31.208	6.242	1.812E-09	29.247	5.849	1.491E-09	28.589	5.718	1.393E-09	32.080	6.416	1.968E-09	26.751	5.350	1.141E-09	30.185	6.037	1.639E-09
220	26.065	5.213	1.056E-09	26.840	5.368	1.153E-09	20.811	4.162	5.373E-10	25.830	5.166	1.027E-09	38.083	7.617	3.292E-09	29.729	5.946	1.566E-09	-29.983	0.000	0.000E+00
221	5.083	1.017	7.827E-12	29.323	5.865	1.503E-09	6.679	1.336	1.776E-11	-13.960	0.000	0.000E+00	20.157	4.031	4.881E-10	24.766	4.953	9.054E-10	8.586	1.717	3.772E-11
222	24.982	4.996	9.294E-10	32.522	6.504	2.050E-09	28.168	5.634	1.332E-09	31.623	6.325	1.885E-09	28.281	5.656	1.348E-09	19.635	3.927	4.512E-10	36.024	7.205	2.787E-09
223	37.719	7.544	3.199E-09	28.547	5.709	1.387E-09	30.490	6.098	1.690E-09	32.072	6.414	1.966E-09	30.877	6.175	1.755E-09	20.465	4.093	5.109E-10	25.472	5.094	9.851E-10
224	32.480	6.496	2.042E-09	21.722	4.344	6.109E-10	28.434	5.687	1.370E-09	57.764	11.553	1.149E-08	12.749	2.550	1.235E-10	29.699	5.940	1.561E-09	31.194	6.239	1.809E-09
225	33.001	6.600	2.142E-09	6.908	1.382	1.965E-11	31.875	6.375	1.930E-09	12.614	2.523	1.196E-10	31.398	6.280	1.845E-09	27.691	5.538	1.266E-09	-19.107	0.000	0.000E+00
226	32.600	6.520	2.065E-09	28.404	5.681	1.366E-09	42.083	8.417	4.442E-09	21.283	4.257	5.746E-10	109.046	21.809	7.729E-08	34.478	6.896	2.443E-09	31.172	6.234	1.805E-09
227	27.333	5.467	1.217E-09	30.266	6.053	1.652E-09	10.844	2.169	7.600E-11	20.951	4.190	5.482E-10	20.331	4.066	5.010E-10	28.268	5.654	1.346E-09	6.259	1.252	1.461E-11
228	36.895	7.379	2.994E-09	31.427	6.285	1.850E-09	35.420	7.084	2.649E-09	25.991	5.198	1.047E-09	29.600	5.920	1.546E-09	8.430	1.686	3.571E-11	40.084	8.017	3.839E-09
229	33.399	6.680	2.221E-09	26.566	5.313	1.118E-09	38.032	7.606	3.279E-09	7.699	1.540	2.720E-11	26.619	5.324	1.124E-09	21.278	4.256	5.742E-10	6.518	1.304	1.651E-11
230	26.380	5.276	1.094E-09	32.812	6.562	2.106E-09	27.122	5.424	1.189E-09	32.854	6.571	2.114E-09	32.221	6.444	1.994E-09	13.922	2.784	1.608E-10	12.532	2.506	1.173E-10
231	26.655	5.331	1.129E-09	14.757	2.951	1.916E-10	26.427	5.285	1.100E-09	26.908	5.382	1.161E-09	32.082	6.416	1.968E-09	6.362	1.272	1.535E-11	32.503	6.501	2.047E-09
232	26.140	5.228	1.065E-09	35.620	7.124	2.694E-09	29.215	5.843	1.486E-09	35.822	7.164	2.740E-09	24.070	4.814	8.312E-10	22.960	4.592	7.215E-10	23.269	4.654	7.510E-10
233	10.856	2.171	7.626E-11	5.054	1.011	7.697E-12	29.932	5.986	1.598E-09	37.732	7.546	3.202E-09	22.204	4.441	6.525E-10	34.107	6.821	2.365E-09	32.902	6.580	2.123E-09
234	33.216	6.643	2.184E-09	25.936	5.187	1.040E-09	33.923	6.785	2.327E-09	91.429	18.286	4.556E-08	11.339	2.268	8.691E-11	37.134	7.427	3.052E-09	28.565	5.713	1.389E-09
235	33.090	6.618	2.160E-09	27.214	5.443	1.201E-09	30.408	6.082	1.676E-09	30.597	6.119	1.707E-09	37.165	7.433	3.060E-09	30.519	6.104	1.694E-09	23.455	4.691	7.691E-10
236	20.427	4.085	5.081E-10	-19.368	0.000	0.000E+00	23.076	4.615	7.325E-10	30.105	6.021	1.626E-09	102.110	20.422	6.346E-08	6.844	1.369	1.910E-11	28.026	5.605	1.312E-09
237	24.586	4.917	8.858E-10	32.639	6.528	2.073E-09	30.501	6.100	1.691E-09	32.176	6.435	1.985E-09	33.687	6.737	2.279E-09	32.356	6.471	2.019E-09	-31.232	0.000	0.000E+00
238	28.213	5.643	1.339E-09	28.862	5.772	1.433E-09	16.012	3.202	2.447E-10	24.820	4.964	9.114E-10	31.132	6.226	1.798E-09	33.844	6.769	2.311E-09	32.240	6.448	1.997E-09
239	5.847	1.169	1.191E-11	31.418	6.284	1.849E-09	29.118	5.824	1.472E-09	29.413	5.883	1.517E-09	34.828	6.966	2.518E-09	38.299	7.660	3.348E-09	21.858	4.372	6.224E-10
240	29.348	5.870	1.507E-09	26.920	5.384	1.163E-09	34.079	6.816	2.359E-09	29.939	5.988	1.600E-09	35.622	7.124	2.694E-09	36.773	7.355	2.964E-09	30.970	6.194	1.771E-09
241	32.245	6.449	1.998E-09	29.828	5.966	1.582E-09	27.682	5.536	1.264E-09	2.174	0.435	6.126E-13	6.030	1.206	1.307E-11	38.559	7.712	3.417E-09	31.847	6.369	1.925E-09
242	8.159	1.632	3.237E-11	34.965	6.993	2.548E-09	35.154	7.031	2.590E-09	25.484	5.097	9.864E-10	20.162	4.032	4.885E-10	22.040	4.408	6.382E-10	33.112	6.622	2.164E-09
243	26.748	5.350	1.141E-09	30.378	6.076	1.671E-09	32.382	6.476	2.024E-09	24.267	4.853	8.518E-10	6.805	1.361	1.878E-11	26.815	5.363	1.149E-09	29.180	5.836	1.481E-09
244	39.321	7.864	3.624E-09	36.872	7.374	2.988E-09	19.308	3.862	4.290E-10	21.406	4.281	5.847E-10	33.172	6.634	2.176E-09	9.806	1.961	5.621E-11	-6.266	0.000	0.000E+00
245	37.710	7.542	3.197E-09	32.657	6.531	2.076E-09	16.258	3.252	2.561E-10	26.830	5.366	1.151E-09	32.964	6.593	2.135E-09	34.274	6.855	2.400E-09	35.998	7.200	2.781E-09
246	14.283	2.857	1.737E-10	13.404	2.681	1.436E-10	27.139	5.428	1.191E-09	33.100	6.620	2.162E-09	24.196	4.839	8.443E-10	37.727	7.545	3.201E-09	34.374	6.875	2.421E-09
247	35.147	7.029	2.588E-09	31.262	6.252	1.821E-09	9.122	1.824	4.525E-11	28.990	5.798	1.452E-09	28.979	5.796	1.451E-09	34.594	6.919	2.468E-09	33.417	6.683	2.224E-09
248	21.934	4.387	6.290E-10	28.489	5.698	1.378E-09	24.638	4.928	8.915E-10	31.234	6.247	1.816E-09	32.217	6.443	1.993E-09	34.731	6.946	2.497E-09	38.188	7.638	3.319E-09
249	34.242	6.848	2.393E-09	28.811	5.762	1.426E-09	38.664	7.733	3.445E-09	18.494	3.699	3.770E-10	30.606	6.121	1.709E-09	38.371	7.674	3.367E-09	34.292	6.858	2.404E-09
250	10.758	2.152	7.422E-11	30.227	6.045	1.646E-09	30.830	6.166	1.747E-09	32.486	6.497	2.043E-09	58.387	11.677	1.186E-08	4.280	0.856	4.674E-12	5.113	1.023	7.967E-12
251	29.272	5.854	1.495E-09	-3.709	0.000	0.000E+00	9.470	1.894	5.063E-11	6.385	1.277	1.552E-11	27.015	5.403	1.175E-09	30.229	6.046	1.646E-09	34.617	6.923	2.473E-09
252	24.204	4.841	8.452E-10	4.072	0.814	4.025E-12	25.204	5.041	9.543E-10	32.917	6.583	2.126E-09	58.986	11.797	1.223E-08	27.263	5.453	1.208E-09	25.041	5.008	9.359E-10
253	27.432	5.486	1.230E-09	32.384	6.477	2.024E-09	29.934	5.987	1.599E-09	30.241	6.048	1.649E-09	27.452	5.490	1.233E-09	7.587	1.517	2.603E-11	26.490	5.298	1.108E-09
254	11.663	2.333	9.457E-11	29.563	5.913	1.540E-09	9.494	1.899	5.101E-11	33.173	6.635	2.176E-09	28.829	5.766	1.428E-09	38.755	7.751	3.469E-09	-3.373	0.000	0.000E+00
255	31.889	6.378	1.933E-09	5.461	1.092	9.705E-12	24.637	4.927	8.914E-10	9.430	1.886	4.998E-11	30.562	6.112	1.702E-09	23.415	4.683	7.652E-10	36.795	7.359	2.969E-09
256	27.016	5.403	1.175E-09	37.964	7.593	3.261E-09	33.498	6.700	2.241E-09	27.841	5.568	1.286E-09	57.210	11.442	1.116E-08	33.286	6.657	2.198E-09	22.474	4.495	6.766E-10
257	31.690	6.338	1.897E-09	37.915	7.583	3.249E-09	30.627	6.125	1.712E-09	32.022	6.440	1.990E-09	8.577	1.715	3.761E-11	31.621	6.324	1.885E-09	30.790	6.158	1.708E-09
258	7.638	1.528	2.656E-11	33.277	6.655	2.197E-09	31.189	6.238	1.808E-09	27.178	5.436	1.197E-09	31.197	6.239	1.810E-09	-4.500	0.000	0.000E+00	25.860	5.172	1.031E-09
259	37.905	7.581	3.246E-09	25.248	5.050	9.594E-10	32.734	6.547	2.091E-09	32.022	6.404	1.957E-09	28.146	5.629	1.329E-09	32.318	6.464	2.012E-09	-3.826	0.000	0.000E+00
260	35.996	7.199	2.780E-09	34.457	6.891	2.438E-09	28.187	5.637	1.335E-09	8.333	1.667	3.449E-11	104.809	20.962	6.863E-08	24.686	4.937	8.966E-10	34.518	6.904	2.451E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
261	26.448	5.290	1.103E-09	33.114	6.623	2.164E-09	7.679	1.536	2.699E-11	29.366	5.873	1.510E-09	-10.029	0.000	0.000E+00	36.947	7.389	3.006E-09	23.424	4.685	7.660E-10
262	38.169	7.634	3.315E-09	26.314	5.263	1.086E-09	37.863	7.573	3.235E-09	7.670	1.534	2.690E-11	31.478	6.296	1.859E-09	-8.227	0.000	0.000E+00	33.011	6.602	2.144E-09
263	30.344	6.069	1.665E-09	37.858	7.572	3.234E-09	28.612	5.722	1.396E-09	35.209	7.042	2.602E-09	100.282	20.056	6.011E-08	38.055	7.611	3.285E-09	31.817	6.363	1.920E-09
264	12.493	2.499	1.162E-10	17.761	3.552	3.340E-10	20.696	4.139	5.284E-10	36.988	7.398	3.016E-09	9.895	1.979	5.774E-11	25.430	5.086	9.802E-10	-13.719	0.000	0.000E+00
265	9.381	1.876	4.921E-11	35.411	7.082	2.647E-09	33.329	6.666	2.207E-09	90.566	18.113	4.428E-08	32.123	6.425	1.976E-09	34.869	6.974	2.527E-09	7.505	1.501	2.520E-11
266	35.002	7.000	2.556E-09	25.403	5.081	9.771E-10	39.575	7.915	3.694E-09	31.798	6.360	1.916E-09	97.769	19.554	5.570E-08	10.451	2.090	6.803E-11	30.084	6.017	1.623E-09
267	33.765	6.753	2.294E-09	34.037	6.807	2.350E-09	38.667	7.733	3.446E-09	-3.661	0.000	0.000E+00	98.068	19.614	5.622E-08	36.734	7.347	2.955E-09	34.812	6.962	2.515E-09
268	31.585	6.317	1.878E-09	9.142	1.828	4.555E-11	-5.548	0.000	0.000E+00	28.590	5.718	1.393E-09	32.660	6.532	2.076E-09	11.166	2.233	8.298E-11	30.241	6.048	1.649E-09
269	36.695	7.339	2.945E-09	31.841	6.368	1.924E-09	27.944	5.589	1.301E-09	27.593	5.519	1.252E-09	10.716	2.143	7.335E-11	29.711	5.942	1.563E-09	31.276	6.255	1.824E-09
270	30.079	6.016	1.622E-09	35.820	7.164	2.740E-09	29.229	5.846	1.488E-09	32.656	6.531	2.076E-09	28.808	5.762	1.425E-09	6.598	1.320	1.712E-11	23.066	4.613	7.314E-10
271	8.404	1.681	3.538E-11	34.367	6.873	2.419E-09	30.947	6.189	1.767E-09	32.223	6.445	1.994E-09	50.734	10.147	7.784E-09	17.495	3.499	3.192E-10	7.808	1.562	2.838E-11
272	4.903	0.981	7.025E-12	26.022	5.204	1.050E-09	31.681	6.336	1.895E-09	29.987	5.997	1.607E-09	26.555	5.311	1.116E-09	37.620	7.524	3.174E-09	35.772	7.154	2.729E-09
273	32.412	6.482	2.030E-09	8.254	1.651	3.352E-11	30.622	6.124	1.712E-09	10.792	2.158	7.491E-11	28.621	5.724	1.398E-09	36.564	7.313	2.914E-09	15.895	3.179	2.394E-10
274	31.342	6.268	1.835E-09	34.129	6.826	2.370E-09	14.329	2.866	1.754E-10	36.095	7.219	2.803E-09	-11.135	0.000	0.000E+00	36.756	7.351	2.960E-09	8.343	1.669	3.461E-11
275	26.979	5.396	1.171E-09	40.837	8.167	4.059E-09	34.853	6.971	2.523E-09	23.375	4.675	7.613E-10	29.530	5.906	1.535E-09	29.012	5.802	1.456E-09	26.883	5.377	1.158E-09
276	24.692	4.938	8.974E-10	9.903	1.981	5.789E-11	28.376	5.675	1.362E-09	33.738	6.748	2.289E-09	102.456	20.491	6.411E-08	31.583	6.317	1.878E-09	27.997	5.599	1.308E-09
277	26.418	5.284	1.099E-09	31.694	6.339	1.898E-09	38.022	7.604	3.276E-09	112.516	22.503	8.491E-08	93.852	18.770	4.927E-08	35.003	7.001	2.556E-09	35.461	7.092	2.658E-09
278	17.497	3.499	3.193E-10	-10.197	0.000	0.000E+00	7.730	1.546	2.754E-11	32.017	6.403	1.956E-09	26.266	5.253	1.080E-09	26.807	5.361	1.148E-09	31.092	6.218	1.792E-09
279	31.478	6.296	1.859E-09	7.615	1.523	2.632E-11	27.277	5.455	1.210E-09	28.684	5.737	1.407E-09	25.556	5.111	9.949E-10	20.734	4.147	5.313E-10	38.154	7.631	3.311E-09
280	4.796	0.959	6.577E-12	30.404	6.081	1.675E-09	31.924	6.385	1.939E-09	38.625	7.725	3.435E-09	18.971	3.794	4.070E-10	28.446	5.689	1.372E-09	6.422	1.284	1.579E-11
281	36.156	7.231	2.817E-09	33.058	6.612	2.153E-09	32.578	6.516	2.061E-09	25.641	5.128	1.005E-09	8.973	1.795	4.307E-11	32.433	6.487	2.033E-09	35.825	7.165	2.741E-09
282	-16.651	0.000	0.000E+00	10.887	2.177	7.692E-11	31.649	6.330	1.890E-09	8.000	1.600	3.051E-11	28.429	5.686	1.370E-09	30.496	6.099	1.691E-09	25.280	5.056	9.630E-10
283	14.571	2.914	1.844E-10	32.970	6.594	2.136E-09	25.289	5.058	9.640E-10	23.539	4.708	7.774E-10	29.256	5.851	1.493E-09	12.993	2.599	1.307E-10	24.154	4.831	8.399E-10
284	25.229	5.046	9.572E-10	33.995	6.799	2.342E-09	-8.523	0.000	0.000E+00	-4.867	0.000	0.000E+00	10.391	2.078	6.688E-11	31.314	6.263	1.830E-09	7.984	1.597	3.033E-11
285	32.141	6.428	1.979E-09	28.825	5.765	1.428E-09	22.792	4.558	7.057E-10	28.491	5.698	1.378E-09	54.620	10.924	9.713E-09	20.516	4.103	5.147E-10	7.824	1.565	2.855E-11
286	26.072	5.214	1.056E-09	36.202	7.240	2.828E-09	29.940	5.988	1.600E-09	7.241	1.448	2.263E-11	32.881	6.576	2.119E-09	26.718	5.344	1.137E-09	34.946	6.989	2.544E-09
287	30.987	6.197	1.773E-09	34.965	6.993	2.548E-09	5.424	1.085	9.511E-12	21.900	4.380	6.261E-10	104.557	20.911	6.813E-08	28.246	5.649	1.343E-09	27.704	5.541	1.267E-09
288	21.076	4.215	5.580E-10	34.546	6.909	2.458E-09	12.012	2.402	1.033E-10	33.287	6.657	2.198E-09	31.261	6.252	1.821E-09	30.286	6.057	1.656E-09	8.280	1.656	3.384E-11
289	20.984	4.197	5.507E-10	34.403	6.881	2.427E-09	14.038	2.808	1.649E-10	22.229	4.446	6.547E-10	111.257	22.251	8.209E-08	-7.900	0.000	0.000E+00	31.903	6.381	1.935E-09
290	33.420	6.684	2.225E-09	27.780	5.556	1.278E-09	27.085	5.417	1.184E-09	31.894	6.379	1.934E-09	29.852	5.970	1.586E-09	8.783	1.757	4.038E-11	191.242	38.248	4.169E-07
291	39.245	7.849	3.603E-09	27.331	5.466	1.217E-09	11.084	2.217	8.117E-11	26.441	5.288	1.102E-09	26.758	5.352	1.142E-09	30.114	6.023	1.628E-09	31.759	6.352	1.909E-09
292	23.671	4.734	7.906E-10	41.582	8.316	4.286E-09	-5.218	0.000	0.000E+00	34.290	6.858	2.403E-09	28.505	5.701	1.381E-09	37.313	7.463	3.097E-09	36.370	7.274	2.868E-09
293	20.902	4.180	5.443E-10	11.451	2.290	8.951E-11	35.390	7.078	2.642E-09	9.818	1.964	5.641E-11	14.705	2.941	1.895E-10	44.651	8.930	5.306E-09	30.597	6.119	1.707E-09
294	33.624	6.725	2.266E-09	-5.007	0.000	0.000E+00	33.102	6.620	2.162E-09	35.091	7.018	2.575E-09	27.476	5.495	1.236E-09	10.524	2.105	6.948E-11	35.497	7.099	2.666E-09
295	37.169	7.434	3.061E-09	24.784	4.957	9.074E-10	36.025	7.205	2.787E-09	37.318	7.464	3.098E-09	29.974	5.995	1.605E-09	33.502	6.700	2.241E-09	23.625	4.725	7.860E-10
296	35.543	7.109	2.677E-09	38.278	7.656	3.343E-09	7.799	1.560	2.828E-11	7.391	1.478	2.406E-11	104.723	20.945	6.846E-08	37.117	7.423	3.048E-09	-10.319	0.000	0.000E+00
297	24.126	4.825	8.371E-10	19.607	3.921	4.493E-10	33.742	6.748	2.290E-09	32.415	6.483	2.030E-09	108.139	21.628	7.538E-08	31.374	6.275	1.841E-09	29.548	5.910	1.538E-09
298	21.703	4.341	6.093E-10	31.444	6.289	1.853E-09	32.830	6.566	2.109E-09	95.841	19.168	5.247E-08	29.782	5.956	1.575E-09	39.591	7.918	3.699E-09	39.101	7.820	3.563E-09
299	18.022	3.604	3.489E-10	33.239	6.648	2.189E-09	37.737	7.547	3.203E-09	24.299	4.860	8.552E-10	39.212	7.842	3.594E-09	15.867	3.173	2.381E-10	21.059	4.212	5.567E-10
300	30.999	6.200	1.776E-09	31.177	6.235	1.806E-09	25.796	5.159	1.023E-09	26.557	5.311	1.116E-09	11.052	2.210	8.047E-11	41.036	8.207	4.119E-09	32.317	6.463	2.012E-09
301	25.614	5.123	1.002E-09	33.228	6.646	2.187E-09	30.936	6.187	1.765E-09	-7.845	0.000	0.000E+00	22.224	4.445	6.543E-10	8.231	1.646	3.323E-11	37.280	7.456	3.088E-09
302	6.348	1.270	1.525E-11	8.295	1.659	3.402E-11	32.033	6.407	1.959E-09	-5.271	0.000	0.000E+00	32.178	6.436	1.986E-09	31.762	6.352	1.910E-09	33.572	6.714	2.255E-09
303	33.737	6.747	2.289E-09	25.393	5.079	9.759E-10	4.942	0.988	7.193E-12	33.237	6.647	2.188E-09	23.042	4.608	7.292E-10	41.615	8.323	4.296E-09	30.960	6.192	1.769E-09
304	37.541	7.508	3.154E-09	30.885	6.177	1.756E-09	35.793	7.159	2.733E-09	55.211	11.042	1.003E-08	24.797	4.959	9.088E-10	26.434	5.287	1.101E-09	9.053	1.811	4.422E-11
305	37.125	7.425	3.050E-09	38.876	7.775	3.502E-09	36.784	7.357	2.967E-09	30.250	6.050	1.650E-09	100.920	20.184	6.127E-08	22.152	4.430	6.479E-10	30.427	6.085	1.679E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
306	11.951	2.390	1.017E-10	31.080	6.216	1.790E-09	31.488	6.298	1.861E-09	34.019	6.804	2.347E-09	3.731	0.746	3.096E-12	11.449	2.290	8.946E-11	35.372	7.074	2.638E-09
307	34.730	6.946	2.497E-09	18.284	3.657	3.643E-10	31.828	6.366	1.922E-09	29.487	5.897	1.528E-09	8.961	1.792	4.289E-11	39.007	7.801	3.538E-09	32.400	6.480	2.027E-09
308	26.373	5.275	1.093E-09	11.302	2.260	8.605E-11	37.292	7.458	3.091E-09	8.262	1.652	3.362E-11	33.057	6.611	2.153E-09	18.466	3.693	3.753E-10	25.176	5.035	9.512E-10
309	19.509	3.902	4.426E-10	5.075	1.015	7.790E-12	26.650	5.330	1.128E-09	6.485	1.297	1.626E-11	27.674	5.535	1.263E-09	37.397	7.479	3.117E-09	34.905	6.981	2.535E-09
310	11.995	2.399	1.029E-10	28.215	5.643	1.339E-09	33.649	6.730	2.271E-09	101.816	20.363	6.291E-08	110.930	22.186	8.136E-08	7.477	1.495	2.491E-11	36.740	7.348	2.956E-09
311	29.592	5.918	1.545E-09	30.214	6.043	1.644E-09	28.775	5.755	1.420E-09	103.668	20.734	6.641E-08	33.033	6.607	2.149E-09	26.053	5.211	1.054E-09	32.618	6.524	2.069E-09
312	36.827	7.365	2.977E-09	29.995	5.999	1.609E-09	23.394	4.679	7.632E-10	30.840	6.168	1.748E-09	97.881	19.576	5.590E-08	-21.412	0.000	0.000E+00	27.127	5.425	1.190E-09
313	23.844	4.769	8.080E-10	33.816	6.763	2.305E-09	32.612	6.522	2.067E-09	103.698	20.740	6.647E-08	26.150	5.230	1.066E-09	4.165	0.833	4.305E-12	10.292	2.058	6.498E-11
314	9.619	1.924	5.304E-11	31.578	6.316	1.877E-09	35.302	7.060	2.622E-09	25.134	5.027	9.464E-10	5.799	1.160	1.162E-11	30.373	6.075	1.670E-09	-6.235	0.000	0.000E+00
315	27.223	5.445	1.203E-09	37.043	7.409	3.030E-09	30.731	6.146	1.730E-09	56.745	11.349	1.089E-08	21.463	4.293	5.894E-10	-4.435	0.000	0.000E+00	32.119	6.424	1.975E-09
316	8.669	1.734	3.883E-11	36.750	7.350	2.958E-09	32.401	6.480	2.028E-09	23.755	4.751	7.990E-10	31.667	6.333	1.893E-09	22.311	4.462	6.620E-10	34.251	6.850	2.395E-09
317	35.588	7.118	2.687E-09	25.243	5.049	9.587E-10	24.535	4.907	8.804E-10	31.982	6.396	1.950E-09	51.361	10.272	8.076E-09	28.460	5.692	1.374E-09	31.242	6.248	1.818E-09
318	28.487	5.697	1.378E-09	9.033	1.807	4.394E-11	30.820	6.164	1.745E-09	30.562	6.112	1.702E-09	29.558	5.912	1.539E-09	29.395	5.879	1.514E-09	33.866	6.773	2.315E-09
319	30.807	6.161	1.743E-09	35.808	7.162	2.737E-09	26.395	5.279	1.096E-09	31.299	6.260	1.828E-09	6.754	1.351	1.836E-11	28.241	5.648	1.343E-09	29.594	5.919	1.545E-09
320	18.045	3.609	3.503E-10	22.154	4.431	6.481E-10	38.426	7.685	3.382E-09	32.959	6.592	2.134E-09	29.684	5.937	1.559E-09	32.509	6.502	2.048E-09	29.995	5.999	1.609E-09
321	40.899	8.180	4.078E-09	25.592	5.118	9.991E-10	23.283	4.657	7.523E-10	21.462	4.292	5.892E-10	53.751	10.750	9.256E-09	9.526	1.905	5.153E-11	22.658	4.532	6.934E-10
322	31.329	6.266	1.833E-09	16.409	3.282	2.634E-10	26.832	5.366	1.151E-09	31.129	6.226	1.798E-09	27.581	5.516	1.251E-09	41.413	8.283	4.234E-09	24.397	4.879	8.655E-10
323	6.870	1.374	1.933E-11	41.604	8.321	4.292E-09	25.911	5.182	1.037E-09	34.203	6.841	2.385E-09	30.989	6.198	1.774E-09	28.213	5.643	1.339E-09	40.312	8.062	3.905E-09
324	7.204	1.441	2.228E-11	22.046	4.409	6.387E-10	39.587	7.917	3.698E-09	20.587	4.117	5.201E-10	21.951	4.390	6.305E-10	27.282	5.456	1.210E-09	23.461	4.692	7.697E-10
325	31.180	6.236	1.807E-09	9.497	1.899	5.106E-11	8.298	1.660	3.406E-11	100.100	20.020	5.978E-08	8.285	1.657	3.390E-11	31.505	6.301	1.864E-09	36.705	7.341	2.947E-09
326	4.906	0.981	7.039E-12	14.842	2.968	1.949E-10	30.071	6.014	1.621E-09	33.296	6.659	2.200E-09	10.141	2.028	6.216E-11	28.744	5.749	1.416E-09	11.691	2.338	9.524E-11
327	38.844	7.769	3.493E-09	-24.470	0.000	0.000E+00	27.965	5.593	1.304E-09	37.638	7.528	3.178E-09	25.576	5.115	9.972E-10	34.264	6.853	2.398E-09	39.745	7.949	3.742E-09
328	9.542	1.908	5.178E-11	30.655	6.131	1.717E-09	28.210	5.642	1.338E-09	32.839	6.568	2.111E-09	26.884	5.377	1.158E-09	31.368	6.274	1.840E-09	27.359	5.472	1.221E-09
329	37.648	7.530	3.181E-09	34.090	6.818	2.361E-09	30.609	6.122	1.709E-09	11.349	2.270	8.714E-11	114.419	22.884	8.929E-08	23.591	4.718	7.826E-10	27.696	5.539	1.266E-09
330	31.840	6.368	1.924E-09	13.286	2.657	1.398E-10	23.382	4.676	7.620E-10	7.600	1.520	2.617E-11	29.645	5.929	1.553E-09	17.395	3.479	3.137E-10	9.727	1.945	5.486E-11
331	29.602	5.920	1.546E-09	33.174	6.635	2.176E-09	28.034	5.607	1.313E-09	31.311	6.262	1.830E-09	33.571	6.714	2.255E-09	35.978	7.196	2.776E-09	28.434	5.687	1.370E-09
332	26.994	5.399	1.172E-09	26.341	5.268	1.089E-09	38.258	7.652	3.338E-09	37.582	7.516	3.164E-09	35.373	7.075	2.638E-09	21.364	4.273	5.812E-10	16.702	3.340	2.777E-10
333	38.906	7.781	3.510E-09	24.019	4.804	8.259E-10	34.303	6.861	2.406E-09	7.393	1.479	2.409E-11	8.382	1.676	3.510E-11	-16.512	0.000	0.000E+00	36.585	7.317	2.919E-09
334	37.185	7.437	3.065E-09	31.844	6.369	1.925E-09	28.158	5.632	1.331E-09	33.937	6.787	2.330E-09	7.662	1.532	2.682E-11	6.704	1.341	1.796E-11	23.322	4.664	7.561E-10
335	24.052	4.810	8.294E-10	9.867	1.973	5.725E-11	39.212	7.842	3.594E-09	32.879	6.576	2.119E-09	35.773	7.155	2.729E-09	6.691	1.338	1.786E-11	34.208	6.842	2.386E-09
336	14.447	2.889	1.797E-10	-6.535	0.000	0.000E+00	30.232	6.046	1.647E-09	32.739	6.548	2.092E-09	23.421	4.684	7.658E-10	36.537	7.307	2.907E-09	33.163	6.633	2.174E-09
337	35.772	7.154	2.729E-09	29.116	5.823	1.471E-09	16.657	3.331	2.755E-10	7.886	1.577	2.923E-11	8.327	1.665	3.442E-11	18.066	3.613	3.515E-10	27.310	5.462	1.214E-09
338	20.849	4.170	5.402E-10	14.751	2.950	1.913E-10	8.190	1.638	3.274E-11	114.943	22.989	9.052E-08	29.570	5.914	1.541E-09	26.052	5.210	1.054E-09	29.945	5.989	1.601E-09
339	36.006	7.201	2.782E-09	31.973	6.395	1.948E-09	19.208	3.842	4.224E-10	25.357	5.071	9.718E-10	23.744	4.749	7.979E-10	34.005	6.801	2.344E-09	35.420	7.084	2.649E-09
340	35.479	7.096	2.662E-09	-23.471	0.000	0.000E+00	32.575	6.515	2.060E-09	5.836	1.167	1.185E-11	34.615	6.923	2.472E-09	30.873	6.175	1.754E-09	29.494	5.899	1.529E-09
341	-21.645	0.000	0.000E+00	26.447	5.289	1.103E-09	16.119	3.224	2.496E-10	27.453	5.491	1.233E-09	6.658	1.332	1.759E-11	18.575	3.715	3.820E-10	10.551	2.110	7.002E-11
342	81.945	16.389	3.280E-08	35.042	7.008	2.565E-09	25.032	5.006	9.349E-10	41.968	8.394	4.406E-09	26.749	5.350	1.141E-09	34.424	6.885	2.431E-09	34.283	6.857	2.402E-09
343	19.975	3.995	4.750E-10	25.448	5.090	9.823E-10	35.225	7.045	2.605E-09	28.692	5.738	1.408E-09	29.521	5.904	1.533E-09	26.384	5.277	1.095E-09	19.436	3.887	4.376E-10
344	30.224	6.045	1.646E-09	34.538	6.908	2.456E-09	27.784	5.557	1.278E-09	33.221	6.644	2.185E-09	26.969	5.394	1.169E-09	31.282	6.256	1.825E-09	31.333	6.267	1.834E-09
345	26.642	5.328	1.127E-09	32.166	6.433	1.984E-09	16.406	3.281	2.632E-10	38.575	7.715	3.421E-09	10.051	2.010	6.053E-11	24.944	4.989	9.251E-10	29.547	5.909	1.537E-09
346	27.382	5.476	1.224E-09	39.675	7.935	3.723E-09	23.282	4.656	7.522E-10	5.429	1.086	9.539E-12	22.551	4.510	6.836E-10	35.280	7.056	2.617E-09	27.980	5.596	1.306E-09
347	30.224	6.045	1.646E-09	28.363	5.673	1.360E-09	32.623	6.525	2.070E-09	22.762	4.552	2.079E-10	15.849	3.170	2.373E-10	32.084	6.417	1.969E-09	39.903	7.981	3.787E-09
348	14.471	2.894	1.806E-10	15.929	3.186	2.409E-10	28.603	5.721	1.395E-09	15.797	3.159	2.350E-10	34.551	6.910	2.458E-09	27.119	5.424	1.189E-09	29.302	5.860	1.500E-09
349	34.572	6.914	2.463E-09	13.646	2.729	1.515E-10	33.823	6.765	2.306E-09	9.020	1.804	4.374E-11	29.606	5.921	1.547E-09	21.740	4.348	6.124E-10	32.651	6.530	2.075E-09
350	31.752	6.350	1.908E-09	23.959	4.792	8.198E-10	11.750	2.350	9.670E-11	28.816	5.763	1.426E-09	28.487	5.697	1.378E-09	37.045	7.409	3.030E-09	35.798	7.160	2.734E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
351	25.525	5.105	9.912E-10	4.666	0.933	6.055E-12	9.908	1.982	5.798E-11	20.640	4.128	5.241E-10	18.677	3.735	3.884E-10	7.834	1.567	2.866E-11	21.250	4.250	5.720E-10
352	28.502	5.700	1.380E-09	27.111	5.422	1.188E-09	36.045	7.209	2.791E-09	95.410	19.082	5.177E-08	37.313	7.463	3.097E-09	18.490	3.698	3.768E-10	28.749	5.750	1.416E-09
353	31.487	6.297	1.861E-09	19.696	3.939	4.554E-10	-21.826	0.000	0.000E+00	34.429	6.886	2.433E-09	28.899	5.780	1.439E-09	30.012	6.002	1.611E-09	9.541	1.908	5.177E-11
354	26.760	5.352	1.142E-09	24.568	4.914	8.839E-10	25.994	5.199	1.047E-09	25.282	5.056	9.633E-10	30.895	6.179	1.758E-09	-5.404	0.000	0.000E+00	7.815	1.563	2.844E-11
355	28.456	5.691	1.373E-09	24.278	4.856	8.530E-10	31.667	6.333	1.893E-09	6.603	1.321	1.716E-11	11.816	2.363	9.833E-11	29.932	5.986	1.598E-09	33.986	6.797	2.340E-09
356	34.082	6.816	2.360E-09	35.051	7.010	2.567E-09	-16.830	0.000	0.000E+00	4.803	0.961	6.603E-12	10.823	2.165	7.556E-11	32.947	6.589	2.132E-09	24.998	5.000	9.312E-10
357	53.772	10.754	9.268E-09	32.113	6.423	1.974E-09	20.865	4.173	5.414E-10	29.280	5.856	1.496E-09	33.938	6.788	2.330E-09	21.565	4.313	5.977E-10	30.098	6.020	1.625E-09
358	29.492	5.898	1.529E-09	26.076	5.215	1.057E-09	19.914	3.983	4.707E-10	7.470	1.494	2.485E-11	119.919	23.984	1.028E-07	25.548	5.110	9.940E-10	33.363	6.673	2.214E-09
359	19.481	3.896	4.407E-10	21.341	4.268	5.793E-10	30.592	6.118	1.706E-09	38.179	7.636	3.317E-09	101.823	20.365	6.293E-08	20.416	4.083	5.072E-10	25.501	5.100	9.885E-10
360	34.868	6.974	2.527E-09	26.332	5.266	1.088E-09	30.686	6.137	1.722E-09	99.722	19.944	5.911E-08	5.427	1.085	9.529E-12	32.393	6.479	2.026E-09	38.684	7.737	3.451E-09
361	21.872	4.374	6.237E-10	19.366	3.873	4.329E-10	21.504	4.301	5.927E-10	25.891	5.178	1.035E-09	2.560	0.512	1.001E-12	34.851	6.970	2.523E-09	20.159	4.032	4.883E-10
362	24.664	4.933	8.943E-10	33.099	6.620	2.161E-09	28.572	5.714	1.390E-09	27.517	5.503	1.242E-09	25.566	5.113	9.960E-10	26.900	5.380	1.160E-09	11.497	2.299	9.058E-11
363	28.314	5.663	1.353E-09	31.504	6.301	1.864E-09	3.615	0.723	2.816E-12	19.153	3.831	4.188E-10	-3.149	0.000	0.000E+00	27.460	5.492	1.234E-09	6.299	1.260	1.490E-11
364	28.492	5.698	1.379E-09	26.520	5.304	1.112E-09	21.547	4.309	5.963E-10	19.150	3.830	4.186E-10	112.839	22.568	8.564E-08	34.164	6.833	2.377E-09	33.939	6.788	2.330E-09
365	32.715	6.543	2.087E-09	35.390	7.078	2.642E-09	23.050	4.610	7.300E-10	31.850	6.370	1.926E-09	37.022	7.404	3.025E-09	29.361	5.872	1.509E-09	27.951	5.590	1.302E-09
366	26.439	5.288	1.102E-09	28.992	5.798	1.453E-09	32.662	6.532	2.077E-09	19.707	3.941	4.562E-10	29.656	5.931	1.555E-09	26.613	5.323	1.124E-09	29.590	5.918	1.544E-09
367	28.978	5.796	1.450E-09	19.558	3.912	4.459E-10	11.657	2.331	9.441E-11	10.194	2.039	6.314E-11	29.245	5.849	1.491E-09	-10.678	0.000	0.000E+00	14.339	2.868	1.757E-10
368	32.355	6.471	2.019E-09	29.842	5.968	1.584E-09	32.201	6.440	1.990E-09	99.435	19.887	5.860E-08	32.386	6.477	2.025E-09	29.823	5.965	1.581E-09	36.479	7.296	2.894E-09
369	57.642	11.528	1.142E-08	35.774	7.155	2.729E-09	29.657	5.931	1.555E-09	38.437	7.687	3.385E-09	28.849	5.770	1.431E-09	35.098	7.020	2.577E-09	14.678	2.936	1.885E-10
370	28.102	5.620	1.323E-09	10.334	2.067	6.578E-11	19.229	3.846	4.238E-10	29.015	5.803	1.456E-09	23.993	4.799	8.233E-10	30.818	6.164	1.745E-09	28.728	5.746	1.413E-09
371	30.406	6.081	1.676E-09	34.430	6.886	2.433E-09	-17.903	0.000	0.000E+00	-42.099	0.000	0.000E+00	34.374	6.875	2.421E-09	32.036	6.407	1.960E-09	26.962	5.392	1.168E-09
372	20.745	4.149	5.322E-10	27.798	5.560	1.280E-09	17.266	3.453	3.068E-10	52.631	10.526	8.690E-09	5.259	1.052	8.670E-12	26.539	5.308	1.114E-09	4.362	0.872	4.946E-12
373	11.655	2.331	9.436E-11	28.051	5.610	1.316E-09	31.060	6.212	1.786E-09	8.042	1.608	3.100E-11	-3.206	0.000	0.000E+00	27.952	5.590	1.302E-09	8.386	1.677	3.151E-11
374	29.626	5.925	1.550E-09	24.379	4.876	8.637E-10	33.261	6.652	2.193E-09	29.571	5.914	1.541E-09	31.930	6.386	1.940E-09	60.724	12.145	1.335E-08	31.835	6.367	1.923E-09
375	26.805	5.361	1.148E-09	16.373	3.275	2.616E-10	66.699	13.340	1.769E-08	30.183	6.037	1.639E-09	35.186	7.037	2.596E-09	21.801	4.360	6.176E-10	7.853	1.571	2.886E-11
376	4.992	0.998	7.416E-12	10.217	2.043	6.357E-11	67.450	13.490	1.829E-08	9.524	1.905	5.149E-11	35.099	7.020	2.577E-09	29.643	5.929	1.553E-09	31.093	6.219	1.792E-09
377	22.648	4.530	6.925E-10	25.935	5.187	1.040E-09	34.667	6.933	2.483E-09	51.580	10.316	8.179E-09	30.552	6.110	1.700E-09	30.856	6.171	1.751E-09	28.095	5.619	1.322E-09
378	29.731	5.946	1.566E-09	31.780	6.356	1.913E-09	4.931	0.986	7.145E-12	32.115	6.423	1.974E-09	98.370	19.674	5.674E-08	27.710	5.542	1.268E-09	35.624	7.125	2.695E-09
379	29.724	5.945	1.565E-09	27.136	5.427	1.191E-09	36.852	7.370	2.983E-09	34.861	6.972	2.525E-09	7.697	1.539	2.718E-11	30.960	6.192	1.769E-09	5.757	1.151	1.137E-11
380	7.843	1.569	2.875E-11	25.096	5.019	9.421E-10	40.620	8.124	3.995E-09	35.040	7.008	2.564E-09	111.754	22.351	8.319E-08	27.359	5.472	1.221E-09	32.021	6.404	1.957E-09
381	30.686	6.137	1.722E-09	33.661	6.732	2.273E-09	19.672	3.934	4.538E-10	7.329	1.466	2.347E-11	35.055	7.011	2.568E-09	37.882	7.576	3.240E-09	35.440	7.088	2.653E-09
382	25.656	5.131	1.007E-09	33.927	6.785	2.328E-09	21.318	4.264	5.775E-10	80.356	16.071	3.093E-08	18.297	3.659	3.651E-10	20.222	4.044	4.929E-10	-27.659	0.000	0.000E+00
383	23.651	4.730	7.885E-10	29.503	5.901	1.531E-09	11.981	2.396	1.025E-10	26.753	5.351	1.141E-09	18.210	3.642	3.599E-10	31.424	6.285	1.850E-09	33.166	6.633	2.174E-09
384	29.356	5.871	1.508E-09	36.568	7.314	2.915E-09	25.520	5.104	9.907E-10	100.128	20.026	5.984E-08	61.232	12.246	1.368E-08	12.814	2.563	1.254E-10	18.745	3.749	3.926E-10
385	28.809	5.762	1.425E-09	25.512	5.102	9.897E-10	31.432	6.286	1.851E-09	27.528	5.506	1.243E-09	33.453	6.691	2.232E-09	11.512	2.302	9.094E-11	34.628	6.926	2.475E-09
386	32.242	6.448	1.998E-09	24.611	4.922	8.885E-10	27.272	5.454	1.209E-09	33.479	6.696	2.237E-09	63.371	12.674	1.517E-08	22.710	4.542	6.981E-10	24.925	4.985	9.230E-10
387	19.779	3.956	4.612E-10	24.552	4.910	8.822E-10	60.434	12.087	1.316E-08	6.995	1.399	2.040E-11	27.307	5.461	1.214E-09	28.989	5.798	1.452E-09	7.656	1.531	2.675E-11
388	33.726	6.745	2.287E-09	22.534	4.507	6.820E-10	29.583	5.917	1.543E-09	29.714	5.943	1.564E-09	30.687	6.137	1.723E-09	32.306	6.461	2.010E-09	33.376	6.675	2.216E-09
389	10.547	2.109	6.994E-11	8.996	1.799	4.340E-11	6.847	1.369	1.913E-11	70.216	14.043	2.063E-08	35.963	7.193	2.772E-09	31.235	6.247	1.816E-09	24.312	4.862	8.565E-10
390	7.894	1.579	2.932E-11	16.917	3.383	2.886E-10	5.945	1.189	1.252E-11	23.368	4.674	7.606E-10	35.994	7.199	2.780E-09	19.436	3.887	4.376E-10	32.679	6.536	2.080E-09
391	36.031	7.206	2.788E-09	29.044	5.809	1.460E-09	5.107	1.021	7.939E-12	36.027	7.205	2.787E-09	6.542	1.308	1.669E-11	30.467	6.093	1.686E-09	27.519	5.504	1.242E-09
392	33.676	6.735	2.276E-09	31.552	6.310	1.872E-09	81.618	16.324	3.241E-08	6.256	1.251	1.605E-11	8.907	1.781	4.325E-10	21.975	4.395	6.325E-10	-5.341	0.000	0.000E+00
393	25.845	5.169	1.029E-09	12.273	2.455	1.102E-10	31.959	6.392	1.946E-09	29.420	5.884	1.518E-09	32.791	6.558	2.102E-09	30.141	6.028	1.632E-09	26.879	5.376	1.157E-09
394	16.550	3.310	2.702E-10	28.271	5.654	1.347E-09	24.601	4.920	8.874E-10	28.261	5.652	1.345E-09	33.839	6.768	2.310E-09	24.905	4.981	9.207E-10	27.958	5.592	1.303E-09
395	34.422	6.884	2.431E-09	24.400	4.880	8.659E-10	22.087	4.417	6.423E-10	33.223	6.645	2.186E-09	35.368	7.074	2.637E-09	30.612	6.122	1.710E-09	31.972	6.394	1.948E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
396	-17.163	0.000	0.000E+00	32.632	6.526	2.071E-09	26.686	5.337	1.133E-09	-7.772	0.000	0.000E+00	28.597	5.719	1.394E-09	33.142	6.628	2.170E-09	34.209	6.842	2.386E-09
397	46.119	9.224	5.847E-09	13.064	2.613	1.329E-10	30.477	6.095	1.687E-09	103.823	20.765	6.671E-08	29.956	5.991	1.602E-09	30.411	6.082	1.676E-09	14.918	2.984	1.979E-10
398	3.730	0.746	3.094E-12	29.413	5.883	1.517E-09	8.790	1.758	4.049E-11	20.779	4.156	5.347E-10	34.232	6.846	2.391E-09	32.178	6.436	1.986E-09	26.722	5.344	1.137E-09
399	26.675	5.335	1.131E-09	21.189	4.238	5.670E-10	57.875	11.575	1.155E-08	9.851	1.970	5.698E-11	22.725	4.545	6.995E-10	28.302	5.660	1.351E-09	4.009	0.802	3.841E-12
400	5.214	1.043	8.447E-12	7.723	1.545	2.745E-11	53.459	10.692	9.107E-09	37.197	7.439	3.068E-09	36.548	7.310	2.910E-09	28.134	5.627	1.327E-09	12.980	2.596	1.303E-10
401	33.173	6.635	2.176E-09	30.580	6.116	1.705E-09	48.463	9.693	6.784E-09	12.403	2.481	1.137E-10	28.880	5.776	1.436E-09	3.290	0.658	2.122E-12	28.916	5.783	1.441E-09
402	24.648	4.930	8.926E-10	25.273	5.055	9.622E-10	34.667	6.933	2.483E-09	34.021	6.804	2.347E-09	28.394	5.679	1.365E-09	56.171	11.234	1.056E-08	34.190	6.838	2.382E-09
403	31.245	6.249	1.818E-09	14.760	2.952	1.917E-10	30.944	6.189	1.766E-09	13.625	2.725	1.508E-10	59.125	11.825	1.232E-08	13.160	2.632	1.358E-10	4.440	0.888	5.217E-12
404	29.911	5.982	1.595E-09	17.972	3.594	3.460E-10	30.629	6.126	1.713E-09	3.874	0.775	3.465E-12	53.352	10.670	9.052E-09	34.202	6.840	2.385E-09	31.752	6.350	1.908E-09
405	27.162	5.432	1.194E-09	29.682	5.936	1.559E-09	33.897	6.779	2.321E-09	30.616	6.123	1.710E-09	12.837	2.567	1.261E-10	27.591	5.518	1.252E-09	56.746	11.349	1.089E-08
406	23.191	4.638	7.435E-10	32.112	6.422	1.974E-09	21.954	4.391	6.307E-10	27.191	5.438	1.198E-09	100.277	20.055	6.010E-08	23.689	4.738	7.923E-10	6.046	1.209	1.317E-11
407	27.467	5.493	1.235E-09	27.837	5.567	1.286E-09	-17.474	0.000	0.000E+00	36.299	7.260	2.851E-09	115.520	23.104	9.189E-08	60.388	12.078	1.313E-08	31.802	6.360	1.917E-09
408	23.579	4.716	7.814E-10	25.587	5.117	9.985E-10	30.851	6.170	1.750E-09	9.981	1.996	5.926E-11	31.078	6.216	1.789E-09	29.349	5.870	1.507E-09	4.821	0.964	6.680E-12
409	29.333	5.867	1.504E-09	7.830	1.566	2.862E-11	-5.904	0.000	0.000E+00	28.344	5.669	1.357E-09	24.892	4.978	9.193E-10	30.313	6.063	1.660E-09	20.782	4.156	5.350E-10
410	-4.158	0.000	0.000E+00	29.480	5.896	1.527E-09	32.398	6.480	2.027E-09	28.171	5.634	1.333E-09	23.569	4.714	7.804E-10	106.951	21.390	7.292E-08	33.165	6.633	2.174E-09
411	28.719	5.744	1.412E-09	29.978	5.996	1.606E-09	28.023	5.605	1.312E-09	22.365	4.473	6.668E-10	6.606	1.321	1.719E-11	28.098	5.620	1.322E-09	25.403	5.081	9.771E-10
412	8.039	1.608	3.097E-11	-4.692	0.000	0.000E+00	31.538	6.308	1.870E-09	31.317	6.263	1.831E-09	30.043	6.009	1.616E-09	7.648	1.530	2.667E-11	30.609	6.122	1.709E-09
413	29.723	5.945	1.565E-09	12.504	2.501	1.165E-10	62.534	12.507	1.458E-08	28.330	5.666	1.355E-09	31.799	6.360	1.917E-09	106.445	21.289	7.189E-08	25.308	5.062	9.662E-10
414	29.428	5.886	1.519E-09	32.435	6.487	2.034E-09	32.076	6.415	1.967E-09	7.568	1.514	2.584E-11	5.886	1.177	1.215E-11	19.783	3.957	4.615E-10	-20.159	0.000	0.000E+00
415	28.421	5.684	1.368E-09	36.405	7.281	2.876E-09	28.399	5.680	1.365E-09	28.510	5.702	1.381E-09	24.599	4.920	8.872E-10	107.554	21.511	7.416E-08	32.889	6.570	2.121E-09
416	29.948	5.990	1.601E-09	37.675	7.535	3.187E-09	32.265	6.453	2.002E-09	34.311	6.862	2.408E-09	21.977	4.395	6.327E-10	25.162	5.032	9.495E-10	30.592	6.118	1.707E-09
417	29.101	5.820	1.469E-09	30.208	6.042	1.643E-09	9.067	1.813	4.443E-11	30.901	6.180	1.759E-09	33.052	6.610	2.152E-09	33.718	6.744	2.285E-09	28.956	5.791	1.447E-09
418	25.845	5.169	1.029E-09	28.693	5.739	1.408E-09	36.071	7.214	2.797E-09	26.926	5.385	1.164E-09	6.683	1.337	1.779E-11	106.575	21.315	7.215E-08	8.614	1.723	3.810E-11
419	26.339	5.268	1.089E-09	-12.342	0.000	0.000E+00	-7.722	0.000	0.000E+00	27.815	5.563	1.283E-09	97.849	19.570	5.584E-08	34.793	6.959	2.510E-09	29.785	5.957	1.575E-09
420	94.302	18.860	4.999E-08	27.558	5.512	1.248E-09	18.293	3.659	3.649E-10	27.641	5.528	1.259E-09	36.772	7.354	2.964E-09	6.504	1.301	1.640E-11	8.207	1.641	3.295E-11
421	31.582	6.316	1.878E-09	27.731	5.546	1.271E-09	15.931	3.186	2.410E-10	34.567	6.913	2.462E-09	35.473	7.095	2.661E-09	22.121	4.424	6.452E-10	27.257	5.451	1.207E-09
422	23.956	4.791	8.195E-10	29.773	5.955	1.573E-09	27.460	5.492	1.234E-09	104.221	20.844	6.748E-08	36.211	7.242	2.830E-09	32.433	6.487	2.034E-09	23.797	4.759	8.033E-10
423	66.173	13.235	1.727E-08	30.645	6.129	1.715E-09	19.484	3.897	4.409E-10	26.535	5.307	1.114E-09	21.995	4.399	6.343E-10	134.776	26.955	1.459E-07	24.292	4.858	8.544E-10
424	57.467	11.493	1.131E-08	13.396	2.679	1.433E-10	26.830	5.366	1.151E-09	27.639	5.528	1.259E-09	8.799	1.760	4.061E-11	20.792	4.158	5.358E-10	31.767	6.353	1.911E-09
425	6.252	1.250	1.456E-11	28.002	5.600	1.309E-09	41.031	8.206	4.118E-09	98.716	19.743	5.734E-08	26.427	5.285	1.100E-09	-4.933	0.000	0.000E+00	31.527	6.305	1.868E-09
426	30.185	6.037	1.639E-09	27.740	5.548	1.272E-09	58.227	11.645	1.177E-08	43.688	8.738	4.970E-09	8.732	1.746	3.968E-11	35.906	7.181	2.759E-09	22.961	4.592	7.216E-10
427	31.604	6.321	1.882E-09	13.653	2.731	1.517E-10	95.341	19.068	5.166E-08	28.615	5.723	1.397E-09	16.351	3.270	2.606E-10	10.351	2.070	6.611E-11	37.024	7.405	3.025E-09
428	56.278	11.256	1.062E-08	32.826	6.565	2.108E-09	6.687	1.337	1.782E-11	27.568	5.514	1.249E-09	180.029	36.006	3.478E-07	12.527	2.505	1.172E-10	107.551	21.510	7.415E-08
429	30.825	6.165	1.746E-09	24.055	4.811	8.296E-10	33.742	6.748	2.290E-09	34.024	6.805	2.348E-09	28.964	5.793	1.448E-09	33.700	6.740	2.281E-09	33.894	6.779	2.321E-09
430	28.354	5.671	1.359E-09	14.739	2.948	1.909E-10	29.888	5.978	1.591E-09	23.018	4.604	7.269E-10	37.396	7.479	3.117E-09	4.818	0.964	6.668E-12	32.515	6.503	2.049E-09
431	23.759	4.752	7.994E-10	25.568	5.114	9.962E-10	22.501	4.500	6.790E-10	9.867	1.973	5.726E-11	5.454	1.091	9.670E-12	112.391	22.478	8.462E-08	25.207	5.041	9.546E-10
432	36.725	7.345	2.952E-09	28.825	5.765	1.428E-09	20.998	4.200	5.519E-10	96.751	19.350	5.398E-08	24.031	4.806	8.272E-10	31.200	6.240	1.810E-09	34.359	6.872	2.418E-09
433	33.958	6.792	2.334E-09	26.123	5.225	1.063E-09	38.236	7.647	3.332E-09	32.995	6.599	2.141E-09	23.169	4.634	7.413E-10	62.329	12.466	1.443E-08	31.842	6.368	1.924E-09
434	33.202	6.640	2.182E-09	-3.768	0.000	0.000E+00	5.390	1.078	9.335E-12	24.404	4.881	8.663E-10	105.763	21.153	7.052E-08	7.652	1.530	2.671E-11	23.832	4.766	8.068E-10
435	60.838	12.168	1.342E-08	7.984	1.597	3.033E-11	64.064	12.813	1.567E-08	11.716	2.343	9.585E-11	-3.038	0.000	0.000E+00	56.206	11.241	1.058E-08	23.825	4.765	8.061E-10
436	66.401	13.280	1.745E-08	6.121	1.224	1.367E-11	103.062	20.612	6.525E-08	9.247	1.849	4.713E-11	59.442	11.888	1.252E-08	33.642	6.728	2.269E-09	27.881	5.576	1.292E-09
437	36.945	7.389	3.006E-09	30.007	6.001	1.611E-09	20.753	4.151	5.327E-10	26.047	5.209	1.053E-09	30.651	6.130	1.716E-09	29.401	5.880	1.515E-09	35.464	7.093	2.659E-09
438	-4.497	0.000	0.000E+00	24.621	4.924	8.896E-10	28.789	5.758	1.422E-09	34.293	6.859	2.404E-09	16.918	3.384	2.886E-10	27.536	5.507	1.244E-09	30.598	6.120	1.708E-09
439	29.188	5.838	1.482E-09	10.958	2.192	7.842E-11	28.409	5.682	1.367E-09	8.687	1.737	3.907E-11	8.100	1.620	3.167E-11	14.967	2.993	1.998E-10	31.119	6.224	1.796E-09
440	6.834	1.367	1.902E-11	26.774	5.355	1.144E-09	57.258	11.452	1.119E-08	67.361	13.472	1.822E-08	29.351	5.870	1.507E-09	27.581	5.516	1.251E-09	30.931	6.186	1.764

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
441	32.745	6.549	2.093E-09	3.361	0.672	2.262E-12	31.529	6.306	1.868E-09	33.020	6.604	2.146E-09	28.732	5.746	1.414E-09	29.122	5.824	1.472E-09	4.990	0.998	7.404E-12
442	32.398	6.480	2.027E-09	84.728	16.946	3.626E-08	27.335	5.467	1.217E-09	33.437	6.687	2.228E-09	32.377	6.475	2.023E-09	31.094	6.219	1.792E-09	30.857	6.171	1.751E-09
443	32.000	6.400	1.953E-09	7.217	1.443	2.241E-11	29.797	5.959	1.577E-09	27.238	5.448	1.205E-09	7.524	1.505	2.539E-11	34.951	6.990	2.545E-09	30.513	6.103	1.693E-09
444	68.766	13.753	1.938E-08	37.163	7.433	3.059E-09	26.205	5.241	1.073E-09	29.580	5.916	1.543E-09	31.172	6.234	1.805E-09	27.416	5.483	1.228E-09	20.970	4.194	5.497E-10
445	26.782	5.356	1.145E-09	35.519	7.104	2.671E-09	28.340	5.668	1.357E-09	-6.104	0.000	0.000E+00	7.787	1.557	2.814E-11	25.927	5.185	1.039E-09	34.245	6.849	2.394E-09
446	61.435	12.287	1.382E-08	25.734	5.147	1.016E-09	69.222	13.844	1.977E-08	32.288	6.458	2.006E-09	31.660	6.332	1.892E-09	20.645	4.129	5.245E-10	19.043	3.809	4.116E-10
447	32.264	6.453	2.002E-09	30.077	6.015	1.622E-09	21.504	4.301	5.928E-10	2.733	0.547	1.216E-12	3.865	0.773	3.442E-12	32.460	6.492	2.039E-09	29.591	5.918	1.544E-09
448	31.599	6.320	1.881E-09	56.706	11.341	1.087E-08	21.714	4.343	6.103E-10	25.814	5.163	1.025E-09	27.106	5.421	1.187E-09	31.413	6.283	1.848E-09	27.189	5.438	1.198E-09
449	36.947	7.389	3.006E-09	30.020	6.004	1.613E-09	7.198	1.440	2.223E-11	32.224	6.445	1.994E-09	110.831	22.166	8.115E-08	9.348	1.870	4.869E-11	15.189	3.038	2.089E-10
450	-2.434	0.000	0.000E+00	8.974	1.795	4.308E-11	26.124	5.225	1.063E-09	61.241	12.248	1.369E-08	6.480	1.296	1.622E-11	28.885	5.777	1.437E-09	25.112	5.022	9.439E-10
451	28.327	5.665	1.355E-09	103.272	20.654	6.565E-08	29.389	5.878	1.513E-09	34.279	6.856	2.401E-09	11.649	2.330	9.422E-11	-4.127	0.000	0.000E+00	25.426	5.085	9.797E-10
452	29.068	5.814	1.464E-09	31.417	6.283	1.848E-09	62.117	12.423	1.429E-08	-28.300	0.000	0.000E+00	37.838	7.568	3.229E-09	31.243	6.249	1.818E-09	10.307	2.061	6.527E-11
453	160.110	32.022	2.446E-07	89.338	17.868	4.250E-08	69.735	13.947	2.021E-08	27.745	5.549	1.273E-09	36.445	7.289	2.885E-09	29.226	5.845	1.488E-09	29.148	5.830	1.476E-09
454	99.398	19.880	5.854E-08	36.452	7.290	2.887E-09	31.122	6.224	1.797E-09	-4.139	0.000	0.000E+00	25.932	5.186	1.039E-09	22.749	4.550	7.018E-10	35.263	7.053	2.614E-09
455	65.273	13.055	1.658E-08	107.223	21.445	7.348E-08	107.703	21.541	7.447E-08	29.563	5.913	1.540E-09	5.714	1.143	1.112E-11	32.696	6.539	2.083E-09	33.195	6.639	2.180E-09
456	69.750	13.950	2.023E-08	26.465	5.293	1.105E-09	34.336	6.867	2.413E-09	94.726	18.945	5.066E-08	8.980	1.796	4.317E-11	30.775	6.155	1.737E-09	36.488	7.298	2.896E-09
457	30.499	6.100	1.691E-09	32.586	6.517	2.062E-09	49.643	9.929	7.292E-09	31.780	6.356	1.913E-09	99.298	19.860	5.836E-08	30.776	6.155	1.737E-09	116.587	23.317	9.446E-08
458	6.688	1.338	1.783E-11	95.855	19.171	5.250E-08	55.786	11.157	1.035E-08	28.709	5.742	1.410E-09	28.783	5.757	1.421E-09	32.076	6.415	1.967E-09	25.903	5.181	1.036E-09
459	25.791	5.158	1.023E-09	29.493	5.899	1.529E-09	28.287	5.657	1.349E-09	-4.167	0.000	0.000E+00	38.096	7.619	3.296E-09	32.667	6.533	2.078E-09	47.329	9.466	6.319E-09
460	30.322	6.064	1.662E-09	25.726	5.145	1.015E-09	25.041	5.008	9.359E-10	13.584	2.717	1.494E-10	-24.274	0.000	0.000E+00	60.198	12.040	1.300E-08	25.066	5.013	9.388E-10
461	20.822	4.164	5.381E-10	26.320	5.264	1.087E-09	33.572	6.714	2.255E-09	4.666	0.933	6.054E-12	105.572	21.114	7.013E-08	-9.984	0.000	0.000E+00	28.068	5.614	1.318E-09
462	4.491	0.898	5.397E-12	50.652	10.130	7.746E-09	14.503	2.901	1.818E-10	30.171	6.034	1.637E-09	20.676	4.135	5.269E-10	23.235	4.647	7.477E-10	59.647	11.929	1.265E-08
463	28.014	5.603	1.310E-09	-14.855	0.000	0.000E+00	34.019	6.804	2.347E-09	26.292	5.258	1.083E-09	21.506	4.301	5.928E-10	30.270	6.054	1.653E-09	12.744	2.549	1.234E-10
464	26.741	5.348	1.140E-09	78.210	15.642	2.852E-08	5.257	1.051	8.661E-12	55.832	11.166	1.037E-08	29.405	5.881	1.515E-09	3.415	0.683	2.373E-12	35.081	7.016	2.573E-09
465	32.281	6.456	2.005E-09	102.724	20.545	6.461E-08	21.569	4.314	5.981E-10	19.147	3.829	4.184E-10	64.406	12.881	1.592E-08	29.061	5.812	1.463E-09	6.652	1.330	1.754E-11
466	17.976	3.595	3.463E-10	19.267	3.853	4.263E-10	6.043	1.209	1.316E-11	109.745	21.949	7.879E-08	7.143	1.429	2.172E-11	97.804	19.561	5.577E-08	10.430	2.086	6.764E-11
467	63.558	12.712	1.530E-08	33.966	6.793	2.336E-09	29.954	5.991	1.602E-09	30.683	6.137	1.722E-09	4.371	0.874	4.979E-12	28.806	5.761	1.425E-09	36.411	7.282	2.877E-09
468	27.663	5.533	1.262E-09	19.551	3.910	4.455E-10	5.925	1.185	1.240E-11	30.493	6.099	1.690E-09	104.405	20.881	6.784E-08	23.167	4.633	7.411E-10	33.702	6.740	2.282E-09
469	25.104	5.021	9.430E-10	24.866	4.973	9.165E-10	21.967	4.393	6.319E-10	30.137	6.027	1.632E-09	2.972	0.594	1.565E-12	21.813	4.363	6.186E-10	30.232	6.046	1.647E-09
470	101.556	20.311	6.243E-08	-8.541	0.000	0.000E+00	35.763	7.153	2.726E-09	103.357	20.671	6.581E-08	34.902	6.980	2.534E-09	23.163	4.633	7.407E-10	18.213	3.643	3.601E-10
471	29.344	5.869	1.506E-09	112.287	22.457	8.439E-08	25.369	5.074	9.732E-10	31.109	6.222	1.794E-09	70.346	14.069	2.075E-08	37.234	7.447	3.077E-09	29.066	5.813	1.464E-09
472	89.433	17.887	4.264E-08	58.819	11.764	1.213E-08	62.341	12.468	1.444E-08	10.964	2.193	7.856E-11	22.517	4.503	6.805E-10	7.401	1.480	2.417E-11	29.300	5.860	1.499E-09
473	54.757	10.951	9.786E-09	89.888	17.978	4.329E-08	22.154	4.431	6.481E-10	27.603	5.521	1.254E-09	100.193	20.039	5.995E-08	-3.988	0.000	0.000E+00	33.071	6.614	2.156E-09
474	26.801	5.360	1.147E-09	32.929	6.586	2.128E-09	59.144	11.829	1.233E-08	32.704	6.541	2.085E-09	26.400	5.280	1.097E-09	6.546	1.309	1.672E-11	32.297	6.459	2.008E-09
475	29.423	5.885	1.518E-09	57.694	11.539	1.145E-08	25.643	5.129	1.005E-09	11.656	2.331	9.438E-11	-20.553	0.000	0.000E+00	18.428	3.686	3.730E-10	8.762	1.752	4.010E-11
476	57.378	11.476	1.126E-08	108.004	21.601	7.509E-08	27.687	5.537	1.265E-09	29.082	5.816	1.466E-09	25.569	5.114	9.964E-10	31.881	6.376	1.932E-09	24.892	4.978	9.193E-10
477	31.779	6.356	1.913E-09	7.654	1.531	2.673E-11	115.898	23.180	9.279E-08	32.062	6.412	1.965E-09	38.842	7.768	3.493E-09	24.995	4.999	9.308E-10	9.913	1.983	5.806E-11
478	57.963	11.593	1.161E-08	8.818	1.764	4.087E-11	26.647	5.329	1.128E-09	67.112	13.422	1.802E-08	30.312	6.062	1.660E-09	165.210	33.042	2.688E-07	11.709	2.342	9.568E-11
479	28.977	5.795	1.450E-09	6.273	1.255	1.471E-11	31.148	6.230	1.801E-09	10.099	2.020	6.139E-11	28.268	5.654	1.346E-09	27.227	5.445	1.203E-09	26.570	5.314	1.118E-09
480	25.672	5.134	1.009E-09	33.535	6.707	2.248E-09	6.123	1.225	1.369E-11	57.747	11.549	1.148E-08	32.103	6.421	1.972E-09	40.083	8.017	3.838E-09	32.102	6.420	1.972E-09
481	8.379	1.676	3.506E-11	111.324	22.265	8.223E-08	34.667	6.933	2.483E-09	38.724	7.745	3.461E-09	28.513	5.703	1.382E-09	27.398	5.480	1.226E-09	60.366	12.073	1.311E-08
482	33.037	6.607	2.149E-09	104.313	20.863	6.766E-08	11.220	2.244	8.419E-11	118.329	23.666	9.876E-08	58.833	11.767	1.214E-08	5.001	1.000	7.455E-12	35.642	7.128	2.699E-09
483	7.757	1.551	2.782E-11	30.299	6.060	1.658E-09	32.494	6.499	2.045E-09	90.092	18.018	4.359E-08	105.236	21.047	6.947E-08	68.885	13.777	1.948E-08	21.116	4.223	5.612E-10
484	26.622	5.324	1.125E-09	34.186	6.837	2.381E-09	26.819	5.364	1.150E-09	29.601	5.920	1.546E-09	9.869	1.974	5.729E-11	26.145	5.229	1.065E-09	32.521	6.504	2.050E-09
485	5.191	1.038	8.338E-12	9.240	1.848	4.703E-11	33.494	6.699	2.240E-09	28.166	5.633	1.332E-09	30.111	6.022	1.627E-09	19.924	3.985	4.714E-10</			

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
486	36.745	7.349	2.957E-09	26.314	5.263	1.086E-09	26.933	5.387	1.165E-09	8.807	1.761	4.071E-11	35.161	7.032	2.591E-09	30.195	6.039	1.641E-09	31.687	6.337	1.896E-09
487	-16.075	0.000	0.000E+00	8.556	1.711	3.733E-11	29.378	5.876	1.511E-09	101.941	20.388	6.315E-08	28.735	5.747	1.414E-09	26.928	5.386	1.164E-09	31.416	6.283	1.848E-09
488	100.784	20.157	6.102E-08	8.704	1.741	3.931E-11	28.151	5.630	1.330E-09	26.506	5.301	1.110E-09	31.539	6.308	1.870E-09	22.779	4.556	7.045E-10	36.813	7.363	2.974E-09
489	127.152	25.430	1.225E-07	26.350	5.270	1.091E-09	16.708	3.342	2.780E-10	8.915	1.783	4.224E-11	36.858	7.372	2.985E-09	9.442	1.888	5.018E-11	11.051	2.210	8.044E-11
490	8.907	1.781	4.212E-11	29.646	5.929	1.553E-09	29.236	5.847	1.490E-09	21.666	4.333	6.062E-10	38.359	7.672	3.364E-09	9.446	1.889	5.024E-11	22.098	4.420	6.432E-10
491	59.291	11.858	1.242E-08	31.778	6.356	1.913E-09	54.384	10.877	9.588E-09	29.263	5.853	1.494E-09	8.974	1.795	4.308E-11	33.530	6.706	2.247E-09	34.044	6.809	2.352E-09
492	61.340	12.268	1.376E-08	30.645	6.129	1.715E-09	37.260	7.452	3.083E-09	7.399	1.480	2.415E-11	104.214	20.843	6.746E-08	28.458	5.692	1.374E-09	36.487	7.297	2.895E-09
493	22.410	4.482	6.708E-10	8.031	1.606	3.088E-11	26.306	5.261	1.085E-09	31.350	6.270	1.837E-09	108.968	21.794	7.712E-08	65.640	13.128	1.686E-08	31.231	6.246	1.816E-09
494	6.972	1.394	2.020E-11	20.480	4.096	5.120E-10	32.046	6.409	1.962E-09	28.002	5.600	1.309E-09	29.400	5.880	1.515E-09	34.079	6.816	2.359E-09	35.056	7.011	2.568E-09
495	26.834	5.367	1.152E-09	34.279	6.856	2.401E-09	31.543	6.309	1.871E-09	30.430	6.086	1.679E-09	6.382	1.276	1.550E-11	34.388	6.878	2.424E-09	100.343	20.069	6.022E-08
496	17.449	3.490	3.167E-10	24.563	4.913	8.834E-10	58.214	11.643	1.176E-08	29.546	5.909	1.537E-09	31.579	6.316	1.877E-09	11.598	2.320	9.298E-11	-39.647	0.000	0.000E+00
497	3.494	0.699	2.543E-12	22.006	4.401	6.352E-10	6.951	1.390	2.002E-11	29.569	5.914	1.541E-09	9.184	1.837	4.617E-11	22.084	4.417	6.420E-10	15.351	3.070	2.156E-10
498	34.818	6.964	2.516E-09	5.244	1.049	8.593E-12	21.787	4.357	6.165E-10	6.776	1.355	1.854E-11	32.004	6.401	1.954E-09	8.035	1.607	3.092E-11	20.293	4.059	4.981E-10
499	28.362	5.672	1.360E-09	29.885	5.977	1.591E-09	55.918	11.184	1.042E-08	22.027	4.405	6.370E-10	24.276	4.855	8.528E-10	27.379	5.476	1.223E-09	33.437	6.687	2.228E-09
500	8.981	1.796	4.318E-11	8.972	1.794	4.305E-11	16.340	3.268	2.600E-10	29.524	5.905	1.534E-09	38.697	7.739	3.454E-09	29.720	5.944	1.565E-09	31.607	6.321	1.882E-09
501	28.055	5.611	1.316E-09	32.371	6.474	2.022E-09	57.646	11.529	1.142E-08	24.865	4.973	9.163E-10	-3.719	0.000	0.000E+00	27.878	5.576	1.291E-09	29.281	5.856	1.496E-09
502	21.511	4.302	5.933E-10	30.515	6.103	1.694E-09	16.205	3.241	2.536E-10	5.728	1.146	1.120E-11	4.432	0.886	5.190E-12	39.161	7.832	3.580E-09	-20.698	0.000	0.000E+00
503	16.423	3.285	2.640E-10	26.264	5.253	1.080E-09	23.651	4.730	7.886E-10	58.219	11.644	1.176E-08	16.977	3.395	2.916E-10	5.585	1.117	1.038E-11	57.535	11.507	1.135E-08
504	26.373	5.275	1.093E-09	16.202	3.240	2.535E-10	27.574	5.515	1.250E-09	7.207	1.441	2.232E-11	10.092	2.018	6.126E-11	28.829	5.766	1.428E-09	16.306	3.261	2.584E-10
505	4.627	0.925	5.905E-12	35.045	7.009	2.565E-09	27.234	5.447	1.204E-09	33.967	6.793	2.336E-09	31.181	6.236	1.807E-09	5.805	1.161	1.166E-11	10.629	2.126	7.158E-11
506	13.401	2.680	1.435E-10	6.645	1.329	1.749E-11	-24.663	0.000	0.000E+00	33.173	6.635	2.176E-09	32.770	6.554	2.098E-09	4.145	0.829	4.244E-12	28.475	5.695	1.376E-09
507	23.935	4.787	8.173E-10	28.037	5.607	1.314E-09	22.865	4.573	7.125E-10	29.239	5.848	1.490E-09	5.371	1.074	9.234E-12	13.385	2.677	1.429E-10	20.206	4.041	4.917E-10
508	30.812	6.162	1.744E-09	10.246	2.049	6.411E-11	60.217	12.043	1.302E-08	40.064	8.013	3.833E-09	37.998	7.600	3.270E-09	26.207	5.241	1.073E-09	28.265	5.653	1.346E-09
509	36.704	7.341	2.947E-09	15.062	3.012	2.037E-10	23.637	4.727	7.871E-10	21.359	4.272	5.808E-10	26.120	5.224	1.062E-09	18.412	3.682	3.721E-10	26.235	5.247	1.076E-09
510	64.359	12.872	1.589E-08	101.052	20.210	6.151E-08	20.364	4.073	5.034E-10	58.090	11.618	1.168E-08	5.922	1.184	1.238E-11	68.236	13.647	1.894E-08	65.421	13.084	1.669E-08
511	28.183	5.637	1.334E-09	32.865	6.573	2.116E-09	34.252	6.850	2.395E-09	30.136	6.027	1.631E-09	16.223	3.245	2.545E-10	26.620	5.324	1.124E-09	174.828	34.966	3.185E-07
512	16.814	3.363	2.833E-10	30.966	6.193	1.770E-09	105.664	21.133	7.032E-08	32.529	6.506	2.052E-09	103.464	20.693	6.602E-08	7.966	1.593	3.013E-11	23.975	4.795	8.214E-10
513	28.090	5.618	1.321E-09	4.289	0.858	4.704E-12	11.634	2.327	9.386E-11	31.721	6.344	1.902E-09	-14.315	0.000	0.000E+00	29.612	5.922	1.548E-09	31.503	6.301	1.864E-09
514	30.815	6.163	1.744E-09	113.998	22.800	8.830E-08	32.314	6.463	2.011E-09	-5.305	0.000	0.000E+00	29.511	5.902	1.532E-09	-18.940	0.000	0.000E+00	29.578	5.916	1.542E-09
515	14.156	2.831	1.691E-10	30.391	6.078	1.673E-09	27.902	5.580	1.295E-09	9.072	1.814	4.450E-11	24.202	4.840	8.450E-10	-4.910	0.000	0.000E+00	8.459	1.692	3.608E-11
516	32.399	6.480	2.027E-09	15.192	3.038	2.090E-10	32.636	6.527	2.072E-09	24.943	4.989	9.250E-10	33.882	6.776	2.318E-09	21.993	4.399	6.341E-10	27.222	5.444	1.202E-09
517	-25.807	0.000	0.000E+00	28.919	5.784	1.442E-09	62.954	12.591	1.487E-08	26.804	5.361	1.148E-09	22.780	4.556	7.047E-10	53.805	10.761	9.285E-09	60.790	12.158	1.339E-08
518	30.021	6.004	1.613E-09	9.019	1.804	4.373E-11	25.847	5.169	1.029E-09	57.273	11.455	1.120E-08	30.897	6.179	1.758E-09	38.120	7.624	3.302E-09	-14.794	0.000	0.000E+00
519	62.649	12.530	1.466E-08	34.228	6.846	2.390E-09	23.960	4.792	8.199E-10	21.896	4.379	6.257E-10	7.821	1.564	2.851E-11	33.560	6.712	2.253E-09	9.925	1.985	5.828E-11
520	29.169	5.834	1.479E-09	29.841	5.968	1.584E-09	9.529	1.906	5.158E-11	29.643	5.929	1.553E-09	99.680	19.936	5.904E-08	107.287	21.457	7.361E-08	29.287	5.857	1.497E-09
521	26.010	5.202	1.049E-09	16.687	3.337	2.770E-10	29.432	5.886	1.520E-09	59.029	11.806	1.226E-08	109.514	21.903	7.829E-08	34.956	6.991	2.546E-09	54.904	10.981	9.865E-09
522	28.787	5.757	1.422E-09	32.245	6.449	1.998E-09	59.578	11.916	1.261E-08	48.211	9.642	6.679E-09	39.847	7.969	3.771E-09	29.167	5.833	1.479E-09	32.860	6.572	2.115E-09
523	36.023	7.205	2.786E-09	23.659	4.732	7.894E-10	29.354	5.871	1.508E-09	110.829	22.166	8.114E-08	5.031	1.006	7.590E-12	32.265	6.453	2.002E-09	-31.590	0.000	0.000E+00
524	27.572	5.514	1.249E-09	19.331	3.866	4.306E-10	24.743	4.949	9.029E-10	32.641	6.528	2.073E-09	38.312	7.662	3.352E-09	31.786	6.357	1.914E-09	31.286	6.257	1.825E-09
525	30.804	6.161	1.742E-09	93.954	18.791	4.944E-08	48.269	9.654	6.704E-09	34.294	6.859	2.404E-09	28.309	5.662	1.352E-09	34.380	6.876	2.422E-09	32.922	6.584	2.127E-09
526	31.468	6.294	1.857E-09	26.710	5.342	1.136E-09	6.327	1.265	1.510E-11	86.391	17.278	3.843E-08	26.945	5.389	1.166E-09	28.245	5.649	1.343E-09	22.699	4.540	6.971E-10
527	25.533	5.107	9.922E-10	27.132	5.426	1.191E-09	25.215	5.043	9.556E-10	27.568	5.514	1.249E-09	59.775	11.955	1.273E-08	29.058	5.812	1.463E-09	28.755	5.751	1.417E-09
528	114.104	22.821	8.855E-08	21.066	4.213	5.572E-10	25.712	5.142	1.013E-09	20.399	4.080	5.060E-10	27.393	5.479	1.225E-09	32.294	6.459	2.007E-09	30.029	6.006	1.614E-09
529	41.152	8.230	4.154E-09	24.975	4.995	9.285E-10	22.545	4.509	6.830E-10	65.414	13.083	1.668E-08	111.043	22.209	8.161E-08	5.734	1.147	1.124E-11	30.013	6.003	1.611E-09
530	31.496	6.299	1.862E-09	30.162	6.032	1.636E-09	37.599	7.520	3.168E-09	32.856	6.571	2.114E-09	27.913	5.583	1.296E-09	29.212	5.842	1.486E-09	6.596	1.319	1.711E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
531	29.389	5.878	1.513E-09	24.783	4.957	9.073E-10	6.837	1.367	1.905E-11	33.811	6.762	2.304E-09	117.449	23.490	9.657E-08	36.901	7.380	2.995E-09	22.867	4.573	7.128E-10
532	31.513	6.303	1.865E-09	6.371	1.274	1.541E-11	17.008	3.402	2.933E-10	35.820	7.164	2.739E-09	19.510	3.902	4.427E-10	9.557	1.911	5.203E-11	36.355	7.271	2.864E-09
533	9.954	1.991	5.880E-11	37.058	7.412	3.033E-09	23.812	4.762	8.048E-10	30.060	6.012	1.619E-09	26.479	5.296	1.107E-09	116.970	23.394	9.539E-08	30.389	6.078	1.673E-09
534	30.784	6.157	1.739E-09	52.312	10.462	8.533E-09	108.752	21.750	7.667E-08	65.986	13.197	1.713E-08	31.389	6.278	1.843E-09	14.407	2.881	1.782E-10	-34.246	0.000	0.000E+00
535	32.251	6.450	1.999E-09	100.297	20.059	6.014E-08	29.363	5.873	1.509E-09	-22.994	0.000	0.000E+00	11.052	2.210	8.047E-11	-21.225	0.000	0.000E+00	32.339	6.468	2.016E-09
536	29.863	5.973	1.587E-09	26.337	5.267	1.089E-09	96.695	19.339	5.389E-08	34.599	6.920	2.469E-09	60.672	12.134	1.331E-08	7.670	1.534	2.689E-11	14.938	2.988	1.987E-10
537	98.442	19.688	5.686E-08	21.473	4.295	5.901E-10	41.360	8.272	4.217E-09	6.907	1.381	1.964E-11	29.927	5.985	1.598E-09	39.088	7.818	3.560E-09	23.636	4.727	7.870E-10
538	29.533	5.907	1.535E-09	29.128	5.826	1.473E-09	30.386	6.077	1.672E-09	25.547	5.109	9.938E-10	60.879	12.176	1.345E-08	5.381	1.076	9.288E-12	30.500	6.100	1.691E-09
539	25.210	5.042	9.550E-10	35.763	7.153	2.726E-09	26.868	5.374	1.156E-09	25.690	5.138	1.011E-09	37.993	7.599	3.269E-09	-26.358	0.000	0.000E+00	37.062	7.412	3.034E-09
540	16.131	3.226	2.502E-10	87.348	17.470	3.972E-08	4.169	0.834	4.318E-12	23.012	4.602	7.263E-10	29.108	5.822	1.470E-09	28.992	5.798	1.453E-09	65.788	13.158	1.697E-08
541	34.310	6.862	2.407E-09	31.852	6.370	1.926E-09	-34.320	0.000	0.000E+00	21.492	4.298	5.917E-10	198.443	39.689	4.658E-07	8.841	1.768	4.119E-11	31.063	6.213	1.787E-09
542	32.572	6.514	2.060E-09	52.979	10.596	8.863E-09	4.630	0.926	5.916E-12	32.098	6.420	1.971E-09	31.469	6.294	1.857E-09	29.831	5.966	1.582E-09	116.079	23.216	9.323E-08
543	78.348	15.670	2.867E-08	20.827	4.165	5.385E-10	36.050	7.210	2.793E-09	32.550	6.510	2.056E-09	59.988	11.998	1.287E-08	33.311	6.662	2.203E-09	24.605	4.921	8.879E-10
544	67.214	13.443	1.810E-08	40.153	8.031	3.859E-09	28.342	5.668	1.357E-09	30.108	6.022	1.627E-09	64.871	12.974	1.627E-08	110.658	22.132	8.077E-08	30.228	6.046	1.646E-09
545	24.601	4.920	8.874E-10	31.083	6.217	1.790E-09	30.024	6.005	1.613E-09	30.660	6.132	1.718E-09	118.804	23.761	9.995E-08	6.201	1.240	1.421E-11	14.204	2.841	1.708E-10
546	30.597	6.119	1.707E-09	25.283	5.057	9.633E-10	22.031	4.406	6.373E-10	-5.430	0.000	0.000E+00	23.350	4.670	7.588E-10	14.521	2.904	1.825E-10	5.173	1.035	8.251E-12
547	43.651	8.730	4.958E-09	4.337	0.867	4.862E-12	-4.544	0.000	0.000E+00	24.198	4.840	8.446E-10	24.391	4.878	8.650E-10	32.077	6.415	1.967E-09	27.715	5.543	1.269E-09
548	47.052	9.410	6.209E-09	27.415	5.483	1.228E-09	27.948	5.590	1.301E-09	189.909	37.982	4.082E-07	3.994	0.799	3.798E-12	28.742	5.748	1.415E-09	28.842	5.768	1.430E-09
549	32.001	6.400	1.953E-09	100.741	20.148	6.094E-08	158.747	31.749	2.385E-07	63.632	12.726	1.536E-08	59.026	11.805	1.226E-08	34.926	6.985	2.539E-09	31.665	6.333	1.893E-09
550	62.873	12.575	1.481E-08	26.057	5.211	1.054E-09	55.008	11.002	9.921E-09	-43.296	0.000	0.000E+00	18.903	3.781	4.026E-10	29.820	5.964	1.581E-09	114.302	22.860	8.901E-08
551	9.108	1.822	4.504E-11	5.955	1.191	1.259E-11	66.187	13.237	1.728E-08	29.537	5.907	1.536E-09	29.962	5.992	1.603E-09	30.773	6.155	1.737E-09	28.914	5.783	1.441E-09
552	32.238	6.448	1.997E-09	31.460	6.292	1.856E-09	26.705	5.341	1.135E-09	111.652	22.330	8.296E-08	20.287	4.057	4.977E-10	-166.536	0.000	0.000E+00	32.908	6.582	2.124E-09
553	34.537	6.907	2.455E-09	23.750	4.750	7.985E-10	5.145	1.029	8.116E-12	34.207	6.841	2.386E-09	27.619	5.524	1.256E-09	29.882	5.976	1.590E-09	32.695	6.539	2.083E-09
554	66.995	13.399	1.792E-08	30.214	6.043	1.644E-09	66.981	13.396	1.791E-08	28.567	5.713	1.390E-09	32.365	6.473	2.021E-09	31.105	6.221	1.794E-09	33.853	6.771	2.312E-09
555	28.538	5.708	1.385E-09	27.480	5.496	1.237E-09	30.706	6.141	1.726E-09	32.456	6.491	2.038E-09	17.807	3.561	3.366E-10	112.716	22.543	8.536E-08	33.055	6.611	2.153E-09
556	31.550	6.310	1.872E-09	34.828	6.966	2.518E-09	28.646	5.729	1.401E-09	31.407	6.281	1.847E-09	27.877	5.575	1.291E-09	20.274	4.055	4.967E-10	23.129	4.626	7.375E-10
557	31.332	6.266	1.833E-09	21.722	4.344	6.109E-10	6.086	1.217	1.344E-11	14.072	2.814	1.661E-10	27.659	5.532	1.261E-09	-6.719	0.000	0.000E+00	31.524	6.305	1.867E-09
558	25.064	5.013	9.385E-10	31.009	6.202	1.777E-09	34.242	6.848	2.393E-09	39.256	7.851	3.606E-09	105.550	21.110	7.009E-08	15.653	3.131	2.286E-10	39.944	7.989	3.799E-09
559	21.699	4.340	6.089E-10	29.757	5.951	1.571E-09	20.259	4.052	4.956E-10	6.496	1.299	1.634E-11	27.359	5.472	1.221E-09	32.316	6.463	2.012E-09	32.726	6.545	2.089E-09
560	4.409	0.882	5.108E-12	25.849	5.170	1.030E-09	105.525	21.105	7.004E-08	29.061	5.812	1.463E-09	30.999	6.200	1.775E-09	25.602	5.120	1.000E-09	26.738	5.348	1.139E-09
561	106.493	21.299	7.199E-08	32.622	6.524	2.069E-09	23.915	4.783	8.153E-10	93.085	18.617	4.808E-08	31.177	6.235	1.806E-09	57.783	11.557	1.150E-08	31.166	6.233	1.804E-09
562	26.910	5.382	1.161E-09	9.601	1.920	5.275E-11	23.424	4.685	7.661E-10	27.411	5.482	1.228E-09	41.454	8.291	4.246E-09	25.872	5.174	1.032E-09	23.854	4.771	8.090E-10
563	69.104	13.821	1.967E-08	59.719	11.944	1.269E-08	51.514	10.303	8.148E-09	29.215	5.843	1.486E-09	19.750	3.950	4.592E-10	33.453	6.691	2.231E-09	20.554	4.111	5.176E-10
564	32.530	6.506	2.052E-09	39.895	7.979	3.785E-09	26.802	5.360	1.148E-09	38.623	7.725	3.434E-09	30.692	6.138	1.723E-09	31.594	6.319	1.880E-09	27.945	5.589	1.301E-09
565	6.013	1.203	1.296E-11	32.634	6.527	2.072E-09	14.489	2.898	1.813E-10	33.358	6.672	2.212E-09	100.153	20.031	5.988E-08	9.654	1.931	5.363E-11	33.418	6.684	2.224E-09
566	33.489	6.698	2.239E-09	31.230	6.246	1.816E-09	70.558	14.112	2.094E-08	78.314	15.663	2.863E-08	32.191	6.438	1.988E-09	26.629	5.326	1.126E-09	36.174	7.235	2.821E-09
567	31.791	6.358	1.915E-09	34.453	6.891	2.438E-09	22.121	4.424	6.452E-10	29.282	5.856	1.497E-09	24.863	4.973	9.161E-10	36.017	7.203	2.785E-09	17.882	3.576	3.408E-10
568	24.696	4.939	8.978E-10	26.977	5.395	1.170E-09	-22.599	0.000	0.000E+00	33.715	6.743	2.284E-09	5.175	1.035	8.261E-12	23.437	4.687	7.673E-10	56.765	11.353	1.009E-08
569	32.360	6.472	2.020E-09	37.100	7.420	3.044E-09	33.913	6.783	2.325E-09	10.235	2.047	6.392E-11	5.244	1.049	8.595E-12	25.515	5.103	9.901E-10	31.608	6.322	1.882E-09
570	40.494	8.099	3.958E-09	23.868	4.774	8.104E-10	32.738	6.548	2.092E-09	20.959	4.192	5.488E-10	33.455	6.691	2.232E-09	33.227	6.645	2.187E-09	21.208	4.242	5.686E-10
571	30.254	6.051	1.651E-09	9.843	1.969	5.684E-11	32.943	6.589	2.131E-09	22.031	4.406	6.374E-10	64.834	12.967	1.624E-08	29.735	5.947	1.567E-09	26.743	5.349	1.140E-09
572	25.867	5.173	1.032E-09	21.244	4.249	5.715E-10	35.600	7.120	2.689E-09	34.893	6.976	2.532E-09	33.779	6.756	2.297E-09	19.133	3.827	4.175E-10	-20.802	0.000	0.000E+00
573	-6.107	0.000	0.000E+00	31.216	6.243	1.813E-09	27.646	5.529	1.260E-09	62.767	12.553	1.474E-08	205.997	41.199	5.210E-07	35.490	7.098	2.665E-09	4.493	0.899	5.407E-12
574	7.893	1.579	2.931E-11	34.015	6.803	2.346E-09	7.351	1.470	2.368E-11	19.660	3.932	4.529E-10	104.674	20.935	6.836E-08	8.582	1.716	3.768E-11	-18.507	0.000	0.000E+00
575	39.227	7.845	3.598E-09	6.910	1.382	1.967E-11	27.632	5.526	1.258E-09	5.652	1.130	1.076E-11	-4.537	0.000	0.000E+00	27.446	5.489	1.232E-09			

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
576	29.165	5.833	1.479E-09	30.132	6.026	1.631E-09	15.564	3.113	2.247E-10	104.921	20.984	6.884E-08	18.750	3.750	3.929E-10	42.177	8.435	4.472E-09	23.685	4.737	7.920E-10
577	31.212	6.242	1.812E-09	63.268	12.654	1.510E-08	36.641	7.328	2.932E-09	64.333	12.867	1.587E-08	30.901	6.180	1.759E-09	62.225	12.445	1.436E-08	29.420	5.884	1.518E-09
578	22.621	4.524	6.900E-10	32.771	6.554	2.098E-09	30.122	6.024	1.629E-09	39.872	7.974	3.778E-09	27.270	5.454	1.209E-09	26.696	5.339	1.134E-09	52.868	10.574	8.808E-09
579	60.064	12.013	1.292E-08	114.279	22.856	8.896E-08	102.319	20.464	6.385E-08	29.020	5.804	1.457E-09	23.025	4.605	7.276E-10	34.392	6.878	2.425E-09	63.098	12.620	1.497E-08
580	29.590	5.918	1.544E-09	54.802	10.960	9.810E-09	33.940	6.788	2.330E-09	68.720	13.744	1.934E-08	30.929	6.186	1.764E-09	18.899	3.780	4.024E-10	31.989	6.398	1.951E-09
581	29.277	5.855	1.496E-09	24.359	4.872	8.615E-10	-27.543	0.000	0.000E+00	28.009	5.602	1.310E-09	6.369	1.274	1.540E-11	10.766	2.153	7.439E-11	26.594	5.319	1.121E-09
582	34.541	6.908	2.456E-09	34.761	6.952	2.504E-09	26.676	5.335	1.132E-09	85.829	17.166	3.769E-08	33.885	6.777	2.319E-09	24.843	4.969	9.139E-10	28.223	5.645	1.340E-09
583	32.184	6.437	1.987E-09	26.675	5.335	1.131E-09	5.949	1.190	1.255E-11	12.004	2.401	1.031E-10	36.627	7.325	2.929E-09	32.642	6.528	2.073E-09	40.979	8.196	4.102E-09
584	30.232	6.046	1.647E-09	31.604	6.321	1.882E-09	18.501	3.700	3.775E-10	55.269	11.054	1.006E-08	24.614	4.923	8.889E-10	28.096	5.619	1.322E-09	18.236	3.647	3.614E-10
585	57.660	11.532	1.143E-08	30.627	6.125	1.712E-09	30.328	6.066	1.663E-09	14.623	2.925	1.864E-10	3.902	0.780	3.540E-12	27.073	5.415	1.183E-09	80.483	16.097	3.107E-08
586	-17.099	0.000	0.000E+00	56.202	11.240	1.058E-08	27.028	5.406	1.177E-09	22.445	4.489	6.740E-10	31.686	6.337	1.896E-09	32.570	6.514	2.059E-09	40.448	8.090	3.944E-09
587	29.059	5.812	1.463E-09	44.851	8.970	5.378E-09	26.846	5.369	1.153E-09	22.267	4.453	6.581E-10	29.915	5.983	1.596E-09	27.642	5.528	1.259E-09	9.073	1.815	4.451E-11
588	40.101	8.020	3.844E-09	55.863	11.173	1.039E-08	3.762	0.752	3.174E-12	28.054	5.611	1.316E-09	27.717	5.543	1.269E-09	27.902	5.580	1.295E-09	31.804	6.361	1.918E-09
589	56.924	11.385	1.099E-08	24.455	4.891	8.717E-10	22.249	4.450	6.565E-10	64.513	12.903	1.600E-08	-5.799	0.000	0.000E+00	32.918	6.584	2.126E-09	30.818	6.164	1.745E-09
590	27.093	5.419	1.185E-09	28.514	5.703	1.382E-09	38.331	7.666	3.357E-09	10.932	2.186	7.787E-11	31.863	6.373	1.928E-09	53.697	10.739	9.228E-09	41.832	8.366	4.363E-09
591	3.228	0.646	2.005E-12	27.686	5.537	1.265E-09	30.557	6.111	1.701E-09	35.618	7.124	2.693E-09	8.131	1.626	3.204E-11	59.815	11.963	1.276E-08	26.285	5.257	1.082E-09
592	27.045	5.409	1.179E-09	26.348	5.270	1.090E-09	29.882	5.976	1.590E-09	22.647	4.529	6.923E-10	33.943	6.789	2.331E-09	27.093	5.419	1.185E-09	4.936	0.987	7.167E-12
593	33.407	6.681	2.222E-09	27.531	5.506	1.244E-09	28.250	5.650	1.344E-09	25.185	5.037	9.521E-10	32.899	6.580	2.122E-09	22.495	4.499	6.785E-10	14.053	2.811	1.654E-10
594	72.741	14.548	2.294E-08	112.450	22.490	8.476E-08	5.246	1.049	8.608E-12	5.153	1.031	8.157E-12	11.077	2.215	8.102E-11	29.857	5.971	1.587E-09	30.787	6.157	1.739E-09
595	25.865	5.173	1.031E-09	22.241	4.448	6.557E-10	28.178	5.636	1.334E-09	95.650	19.130	5.216E-08	37.255	7.451	3.082E-09	55.682	11.136	1.029E-08	27.796	5.559	1.280E-09
596	37.374	7.475	3.112E-09	8.222	1.644	3.313E-11	9.797	1.959	5.604E-11	31.286	6.257	1.825E-09	109.728	21.946	7.875E-08	37.863	7.573	3.235E-09	20.734	4.147	5.313E-10
597	65.990	13.198	1.713E-08	15.134	3.027	2.066E-10	27.018	5.404	1.176E-09	46.786	9.357	6.104E-09	33.352	6.670	2.211E-09	5.288	1.058	8.814E-12	24.656	4.931	8.935E-10
598	8.200	1.640	3.286E-11	29.393	5.879	1.514E-09	32.698	6.540	2.084E-09	16.646	3.329	2.749E-10	105.920	21.184	7.083E-08	40.512	8.102	3.963E-09	34.653	6.931	2.480E-09
599	31.483	6.297	1.860E-09	64.835	12.967	1.625E-08	27.069	5.414	1.182E-09	22.342	4.468	6.647E-10	10.572	2.114	7.043E-11	7.101	1.420	2.135E-11	7.254	1.451	2.275E-11
600	34.775	6.955	2.507E-09	29.726	5.945	1.566E-09	155.855	31.171	2.257E-07	57.997	11.599	1.163E-08	45.406	9.081	5.580E-09	33.661	6.732	2.273E-09	40.699	8.140	4.018E-09
601	35.261	7.052	2.613E-09	29.621	5.924	1.549E-09	28.743	5.749	1.415E-09	66.712	13.342	1.770E-08	19.165	3.833	4.196E-10	28.167	5.633	1.332E-09	29.170	5.834	1.480E-09
602	21.006	4.201	5.525E-10	23.984	4.797	8.223E-10	32.107	6.421	1.973E-09	100.670	20.134	6.081E-08	106.953	21.391	7.292E-08	36.673	7.335	2.940E-09	72.654	14.531	2.286E-08
603	5.556	1.111	1.022E-11	25.440	5.088	9.814E-10	30.026	6.005	1.614E-09	36.503	7.301	2.899E-09	40.842	8.168	4.061E-09	32.636	6.527	2.072E-09	104.834	20.967	6.867E-08
604	28.370	5.674	1.361E-09	7.402	1.480	2.417E-11	24.749	4.950	9.036E-10	-22.318	0.000	0.000E+00	32.100	6.420	1.972E-09	2.809	0.562	1.321E-12	25.437	5.087	9.810E-10
605	27.368	5.474	1.222E-09	32.424	6.485	2.032E-09	154.478	30.896	2.197E-07	28.955	5.791	1.447E-09	87.009	17.402	3.926E-08	29.865	5.973	1.588E-09	17.344	3.469	3.110E-10
606	39.725	7.945	3.737E-09	30.856	6.171	1.751E-09	29.582	5.916	1.543E-09	28.576	5.715	1.391E-09	30.033	6.007	1.615E-09	30.817	6.163	1.744E-09	15.122	3.024	2.061E-10
607	29.151	5.830	1.477E-09	23.853	4.771	8.089E-10	27.934	5.587	1.299E-09	-29.662	0.000	0.000E+00	34.089	6.818	2.361E-09	6.462	1.292	1.608E-11	10.649	2.130	7.199E-11
608	10.426	2.085	6.755E-11	23.993	4.799	8.233E-10	35.825	7.165	2.741E-09	22.079	4.416	6.416E-10	28.373	5.675	1.361E-09	32.576	6.515	2.060E-09	36.505	7.301	2.900E-09
609	34.110	6.822	2.366E-09	20.641	4.128	5.242E-10	11.681	2.336	9.500E-11	72.852	14.570	2.305E-08	27.880	5.576	1.292E-09	5.764	1.153	1.141E-11	63.665	12.733	1.538E-08
610	21.987	4.397	6.336E-10	28.358	5.672	1.359E-09	29.287	5.857	1.497E-09	23.241	4.648	7.483E-10	5.669	1.134	1.086E-11	32.997	6.599	2.141E-09	30.873	6.175	1.754E-09
611	33.927	6.785	2.328E-09	30.687	6.137	1.722E-09	25.739	5.148	1.016E-09	60.699	12.140	1.333E-08	44.110	8.822	5.116E-09	31.667	6.333	1.893E-09	28.879	5.776	1.436E-09
612	6.885	1.377	1.945E-11	29.762	5.952	1.571E-09	-4.366	0.000	0.000E+00	81.118	16.224	3.182E-08	31.719	6.344	1.902E-09	30.409	6.082	1.676E-09	30.426	6.085	1.679E-09
613	162.124	32.425	2.540E-07	31.087	6.217	1.791E-09	23.625	4.725	7.859E-10	85.480	17.096	3.723E-08	19.155	3.831	4.189E-10	6.608	1.322	1.720E-11	28.213	5.643	1.339E-09
614	35.044	7.009	2.565E-09	58.778	11.756	1.210E-08	56.959	11.392	1.101E-08	22.592	4.518	6.873E-10	8.971	1.794	4.304E-11	31.664	6.333	1.892E-09	66.947	13.389	1.788E-08
615	61.076	12.215	1.358E-08	18.396	3.679	3.711E-10	38.541	7.708	3.412E-09	30.988	6.198	1.774E-09	7.681	1.536	2.701E-11	8.311	1.662	3.422E-11	31.794	6.359	1.916E-09
616	5.485	1.097	9.836E-12	44.707	8.941	5.326E-09	22.497	4.499	6.786E-10	8.204	1.641	3.291E-11	11.381	2.276	8.787E-11	7.015	1.403	2.058E-11	88.749	17.750	4.167E-08
617	39.861	7.972	3.775E-09	58.851	11.770	1.215E-08	12.417	2.483	1.141E-10	35.893	7.179	2.756E-09	31.784	6.357	1.941E-09	27.760	5.552	1.275E-09	29.400	5.880	1.515E-09
618	33.694	6.739	2.280E-09	24.639	4.928	8.916E-10	60.792	12.158	1.339E-08	-11.811	0.000	0.000E+00	106.082	21.216	7.116E-08	37.809	7.562	3.222E-09	28.554	5.711	1.388E-09
619	17.999	3.600	3.475E-10	6.413	1.283	1.572E-11	-6.424	0.000	0.000E+00	38.693	7.739	3.453E-09	31.367	6.273	1.839E-09	5.305	1.061	8.900E-12	29.154	5.831	1.477E-09
620	22.618	4.524	6.897E-10	10.649	2.130	7.198E-11	31.253	6.251	1.819E-09	30.919	6.184	1.762E-09	38.982	7.796	3.531E-09	6.238	1.248	1.447E-11	26.310	5.262	1.086E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
621	-5.613	0.000	0.000E+00	28.008	5.602	1.310E-09	41.298	8.260	4.198E-09	30.869	6.174	1.753E-09	26.898	5.380	1.160E-09	60.817	12.163	1.341E-08	33.308	6.662	2.203E-09
622	29.842	5.968	1.584E-09	31.414	6.283	1.848E-09	30.870	6.174	1.754E-09	25.678	5.136	1.009E-09	21.576	4.315	5.987E-10	4.158	0.832	4.284E-12	34.569	6.914	2.462E-09
623	26.244	5.249	1.077E-09	7.255	1.451	2.276E-11	34.172	6.834	2.379E-09	35.552	7.110	2.679E-09	3.964	0.793	3.714E-12	37.707	7.541	3.196E-09	34.212	6.842	2.387E-09
624	64.388	12.878	1.591E-08	39.759	7.952	3.746E-09	32.283	6.457	2.005E-09	77.571	15.514	2.782E-08	28.294	5.659	1.350E-09	-6.227	0.000	0.000E+00	29.484	5.897	1.528E-09
625	6.601	1.320	1.715E-11	-23.817	0.000	0.000E+00	34.595	6.919	2.468E-09	58.953	11.791	1.221E-08	30.503	6.101	1.692E-09	6.633	1.327	1.739E-11	6.142	1.228	1.381E-11
626	17.214	3.443	3.040E-10	30.809	6.162	1.743E-09	32.154	6.431	1.982E-09	6.125	1.225	1.370E-11	29.077	5.815	1.465E-09	26.265	5.253	1.080E-09	4.687	0.937	6.139E-12
627	3.703	0.741	3.026E-12	29.768	5.954	1.572E-09	24.233	4.847	8.482E-10	70.806	14.161	2.116E-08	58.995	11.799	1.224E-08	-5.647	0.000	0.000E+00	-13.060	0.000	0.000E+00
628	36.387	7.277	2.872E-09	28.495	5.699	1.379E-09	60.007	12.001	1.288E-08	4.572	0.914	5.698E-12	4.563	0.913	5.663E-12	7.075	1.415	2.111E-11	59.572	11.914	1.260E-08
629	30.551	6.110	1.700E-09	28.416	5.683	1.368E-09	34.984	6.997	2.552E-09	35.354	7.071	2.634E-09	32.197	6.439	1.989E-09	61.712	12.342	1.401E-08	26.702	5.340	1.135E-09
630	67.889	13.578	1.865E-08	17.799	3.560	3.361E-10	27.693	5.539	1.266E-09	30.766	6.153	1.736E-09	27.445	5.489	1.232E-09	7.026	1.405	2.067E-11	58.959	11.792	1.222E-08
631	32.019	6.404	1.957E-09	21.892	4.378	6.254E-10	57.464	11.493	1.131E-08	-4.616	0.000	0.000E+00	35.827	7.165	2.741E-09	14.406	2.881	1.782E-10	30.030	6.006	1.614E-09
632	27.313	5.463	1.214E-09	29.854	5.971	1.586E-09	25.164	5.033	9.498E-10	30.173	6.035	1.637E-09	26.542	5.308	1.115E-09	27.625	5.525	1.257E-09	30.177	6.035	1.638E-09
633	6.262	1.252	1.464E-11	21.940	4.388	6.295E-10	8.410	1.682	3.546E-11	9.738	1.948	5.503E-11	-4.923	0.000	0.000E+00	54.577	10.915	9.690E-09	70.544	14.109	2.093E-08
634	27.551	5.510	1.247E-09	28.598	5.720	1.394E-09	52.916	10.583	8.832E-09	30.215	6.043	1.644E-09	28.220	5.644	1.340E-09	27.977	5.595	1.305E-09	29.428	5.886	1.519E-09
635	30.398	6.080	1.674E-09	46.065	9.213	5.827E-09	59.596	11.919	1.262E-08	37.730	7.546	3.201E-09	5.882	1.176	1.213E-11	7.306	1.461	2.324E-11	25.423	5.085	9.794E-10
636	17.455	3.491	3.170E-10	25.173	5.035	9.508E-10	23.558	4.712	7.793E-10	7.396	1.479	2.411E-11	32.807	6.561	2.105E-09	30.747	6.149	1.733E-09	33.304	6.661	2.202E-09
637	10.824	2.165	7.558E-11	3.614	0.723	2.813E-12	34.328	6.866	2.411E-09	24.413	4.883	8.673E-10	33.008	6.602	2.144E-09	5.332	1.066	9.035E-12	34.541	6.908	2.456E-09
638	2.719	0.544	1.198E-12	31.216	6.243	1.813E-09	7.496	1.499	2.511E-11	27.895	5.579	1.294E-09	101.352	20.270	6.206E-08	30.276	6.055	1.654E-09	7.366	1.473	2.382E-11
639	32.730	6.546	2.090E-09	34.170	6.834	2.378E-09	35.957	7.191	2.771E-09	40.716	8.143	4.023E-09	27.001	5.400	1.173E-09	29.174	5.835	1.480E-09	24.546	4.909	8.815E-10
640	29.110	5.822	1.470E-09	28.744	5.749	1.416E-09	28.656	5.731	1.403E-09	12.623	2.525	1.199E-10	22.530	4.506	6.817E-10	7.361	1.472	2.378E-11	26.176	5.235	1.069E-09
641	-2.877	0.000	0.000E+00	30.835	6.167	1.748E-09	35.279	7.056	2.617E-09	4.018	0.804	3.868E-12	40.638	8.128	4.000E-09	30.443	6.089	1.682E-09	26.677	5.335	1.132E-09
642	29.918	5.984	1.596E-09	66.213	13.243	1.730E-08	6.121	1.224	1.367E-11	6.897	1.379	1.955E-11	31.932	6.386	1.941E-09	5.505	1.101	9.942E-12	74.909	14.982	2.505E-08
643	6.086	1.217	1.344E-11	4.462	0.892	5.294E-12	37.439	7.488	3.128E-09	28.714	5.743	1.411E-09	111.869	22.374	8.345E-08	9.203	1.841	4.646E-11	4.905	0.981	7.033E-12
644	6.310	1.262	1.497E-11	26.791	5.358	1.146E-09	19.374	3.875	4.335E-10	15.247	3.049	2.113E-10	24.782	4.956	9.072E-10	24.113	4.823	8.357E-10	31.663	6.333	1.892E-09
645	53.586	10.717	9.172E-09	29.472	5.894	1.526E-09	8.180	1.636	3.262E-11	26.142	5.228	1.065E-09	30.307	6.061	1.659E-09	8.153	1.631	3.231E-11	26.218	5.244	1.074E-09
646	31.783	6.357	1.914E-09	18.088	3.618	3.528E-10	30.357	6.071	1.668E-09	31.214	6.243	1.813E-09	36.791	7.358	2.968E-09	33.727	6.745	2.287E-09	27.307	5.461	1.214E-09
647	2.528	0.506	9.626E-13	30.601	6.120	1.708E-09	18.585	3.717	3.826E-10	56.651	11.330	1.084E-08	-5.840	0.000	0.000E+00	27.955	5.591	1.302E-09	10.639	2.128	7.178E-11
648	21.721	4.344	6.108E-10	16.263	3.253	2.564E-10	9.895	1.979	5.774E-11	21.191	4.238	5.672E-10	110.790	22.158	8.106E-08	9.881	1.976	5.750E-11	26.953	5.391	1.167E-09
649	60.401	12.080	1.313E-08	31.297	6.259	1.827E-09	5.650	1.130	1.075E-11	22.142	4.428	6.470E-10	29.259	5.852	1.493E-09	23.983	4.797	8.223E-10	29.722	5.944	1.565E-09
650	35.681	7.136	2.708E-09	64.687	12.937	1.613E-08	30.868	6.174	1.753E-09	10.457	2.091	6.816E-11	29.334	5.867	1.505E-09	9.860	1.972	5.713E-11	35.492	7.098	2.665E-09
651	29.530	5.906	1.535E-09	6.557	1.311	1.681E-11	11.510	2.302	9.090E-11	29.284	5.857	1.497E-09	31.490	6.298	1.861E-09	30.010	6.002	1.611E-09	7.931	1.586	2.973E-11
652	30.720	6.144	1.728E-09	7.030	1.406	2.071E-11	5.900	1.180	1.224E-11	99.842	19.968	5.932E-08	30.023	6.005	1.613E-09	31.519	6.304	1.866E-09	28.160	5.632	1.331E-09
653	35.644	7.129	2.699E-09	30.080	6.016	1.622E-09	20.103	4.021	4.842E-10	21.750	4.350	6.133E-10	31.588	6.318	1.879E-09	30.127	6.025	1.630E-09	24.998	5.000	9.311E-10
654	32.840	6.568	2.111E-09	31.857	6.371	1.927E-09	30.287	6.057	1.656E-09	28.012	5.602	1.310E-09	-4.377	0.000	0.000E+00	-7.606	0.000	0.000E+00	28.132	5.626	1.327E-09
655	56.033	11.207	1.049E-08	24.592	4.918	8.865E-10	3.871	0.774	3.458E-12	7.265	1.453	2.286E-11	30.510	6.102	1.693E-09	21.380	4.276	5.825E-10	29.445	5.889	1.522E-09
656	11.044	2.209	8.029E-11	6.259	1.252	1.461E-11	10.295	2.059	6.504E-11	33.863	6.773	2.314E-09	37.666	7.533	3.185E-09	29.669	5.934	1.557E-09	33.983	6.797	2.339E-09
657	28.984	5.797	1.451E-09	21.045	4.209	5.556E-10	22.710	4.542	6.981E-10	31.634	6.327	1.887E-09	24.947	4.989	9.255E-10	34.399	6.880	2.426E-09	31.073	6.215	1.788E-09
658	26.220	5.244	1.074E-09	69.687	13.937	2.017E-08	6.184	1.237	1.410E-11	32.653	6.531	2.075E-09	-26.170	0.000	0.000E+00	29.136	5.827	1.474E-09	20.501	4.100	5.136E-10
659	31.673	6.335	1.894E-09	56.770	11.354	1.091E-08	33.551	6.710	2.251E-09	65.644	13.129	1.686E-08	65.838	13.168	1.701E-08	32.276	6.455	2.004E-09	29.426	5.885	1.519E-09
660	30.248	6.050	1.650E-09	32.983	6.597	2.139E-09	9.069	1.814	4.446E-11	32.040	6.408	1.961E-09	30.755	6.151	1.734E-09	19.905	3.981	4.701E-10	26.233	5.247	1.076E-09
661	25.556	5.111	9.948E-10	62.187	12.437	1.433E-08	4.922	0.984	7.107E-12	16.024	3.205	2.452E-10	34.507	6.901	2.449E-09	20.993	4.199	5.514E-10	72.098	14.420	2.234E-08
662	10.809	2.162	7.528E-11	24.514	4.903	8.781E-10	72.591	14.518	2.280E-08	21.760	4.352	6.142E-10	24.316	4.863	8.570E-10	31.206	6.241	1.811E-09	25.877	5.175	1.033E-09
663	7.051	1.410	2.089E-11	22.329	4.466	6.636E-10	29.990	5.998	1.608E-09	26.471	5.294	1.106E-09	186.718	37.344	3.880E-07	35.240	7.048	2.608E-09	-2.438	0.000	0.000E+00
664	30.923	6.185	1.762E-09	26.663	5.333	1.130E-09	10.686	2.137	7.273E-11	30.371	6.074	1.670E-09	8.273	1.655	3.375E-11	31.291	6.258	1.826E-09	27.404	5.481	1.227E-09
665	33.988	6.798	2.340E-09	4.494	0.899	5.410E-12	31.129	6.226	1.798E-09	28.405	5.681	1.366E-09	26.105	5.221	1.060E-09	18.396	3.679	3.711E-10	-5.271	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
666	37.023	7.405	3.025E-09	38.273	7.655	3.342E-09	58.942	11.788	1.221E-08	84.164	16.833	3.554E-08	43.486	8.697	4.902E-09	26.770	5.354	1.144E-09	25.757	5.151	1.019E-09
667	22.567	4.513	6.850E-10	-26.730	0.000	0.000E+00	28.496	5.699	1.379E-09	15.215	3.043	2.099E-10	23.928	4.786	8.166E-10	30.999	6.200	1.776E-09	5.677	1.135	1.090E-11
668	104.857	20.971	6.872E-08	28.725	5.745	1.413E-09	60.327	12.065	1.309E-08	8.021	1.604	3.076E-11	29.231	5.846	1.489E-09	29.712	5.942	1.563E-09	26.032	5.206	1.052E-09
669	31.396	6.279	1.845E-09	26.346	5.269	1.090E-09	18.805	3.761	3.964E-10	8.607	1.721	3.800E-11	35.063	7.013	2.569E-09	32.147	6.429	1.980E-09	75.201	15.040	2.535E-08
670	26.995	5.399	1.173E-09	30.266	6.053	1.653E-09	14.929	2.986	1.983E-10	27.543	5.509	1.245E-09	33.823	6.765	2.306E-09	30.149	6.030	1.633E-09	12.831	2.566	1.259E-10
671	28.085	5.617	1.320E-09	-5.234	0.000	0.000E+00	18.460	3.692	3.750E-10	42.679	8.536	4.634E-09	36.482	7.296	2.894E-09	27.930	5.586	1.299E-09	5.719	1.144	1.115E-11
672	27.801	5.560	1.281E-09	34.540	6.908	2.456E-09	37.210	7.442	3.071E-09	32.084	6.417	1.969E-09	3.317	0.663	2.175E-12	30.158	6.032	1.635E-09	30.253	6.051	1.650E-09
673	30.070	6.014	1.621E-09	7.275	1.455	2.295E-11	30.440	6.088	1.681E-09	49.201	9.840	7.099E-09	107.929	21.586	7.494E-08	26.111	5.222	1.061E-09	50.346	10.069	7.607E-09
674	33.352	6.670	2.211E-09	63.854	12.771	1.552E-08	5.833	1.167	1.183E-11	26.122	5.224	1.062E-09	9.464	1.893	5.053E-11	33.410	6.682	2.223E-09	29.230	5.846	1.489E-09
675	6.744	1.349	1.828E-11	22.520	4.504	6.808E-10	32.373	6.475	2.022E-09	5.953	1.191	1.257E-11	-5.237	0.000	0.000E+00	11.367	2.273	8.755E-11	-6.301	0.000	0.000E+00
676	5.531	1.106	1.009E-11	33.386	6.677	2.218E-09	31.347	6.269	1.836E-09	104.014	20.803	6.707E-08	32.306	6.461	2.010E-09	26.852	5.370	1.154E-09	4.889	0.978	6.966E-12
677	12.636	2.527	1.203E-10	25.548	5.110	9.939E-10	30.599	6.120	1.708E-09	29.926	5.985	1.598E-09	31.069	6.214	1.788E-09	29.003	5.801	1.454E-09	37.970	7.594	3.263E-09
678	33.173	6.635	2.176E-09	28.558	5.712	1.388E-09	-2.958	0.000	0.000E+00	6.249	1.250	1.454E-11	6.919	1.384	1.975E-11	9.414	1.883	4.973E-11	8.737	1.747	3.976E-11
679	22.711	4.542	6.983E-10	-16.055	0.000	0.000E+00	32.816	6.563	2.107E-09	11.086	2.217	8.121E-11	30.234	6.047	1.647E-09	30.826	6.165	1.746E-09	30.007	6.001	1.611E-09
680	7.181	1.436	2.207E-11	19.976	3.995	4.751E-10	18.303	3.661	3.655E-10	21.286	4.257	5.749E-10	9.054	1.811	4.424E-11	32.089	6.418	1.970E-09	62.309	12.462	1.442E-08
681	24.089	4.818	8.332E-10	30.535	6.107	1.697E-09	9.299	1.860	4.794E-11	38.138	7.628	3.306E-09	34.203	6.841	2.385E-09	33.733	6.747	2.288E-09	29.916	5.983	1.596E-09
682	29.892	5.978	1.592E-09	42.801	8.560	4.674E-09	31.508	6.302	1.864E-09	28.603	5.721	1.395E-09	-3.277	0.000	0.000E+00	-5.932	0.000	0.000E+00	23.161	4.632	7.406E-10
683	53.623	10.725	9.191E-09	36.521	7.304	2.903E-09	34.007	6.801	2.344E-09	65.368	13.074	1.665E-08	12.335	2.467	1.119E-10	27.497	5.499	1.239E-09	29.118	5.824	1.472E-09
684	29.303	5.861	1.500E-09	27.041	5.408	1.179E-09	29.919	5.984	1.596E-09	27.787	5.557	1.279E-09	33.828	6.766	2.307E-09	29.937	5.987	1.599E-09	189.759	37.952	4.073E-07
685	19.667	3.933	4.534E-10	32.316	6.463	2.012E-09	29.265	5.853	1.494E-09	26.354	5.271	1.091E-09	26.796	5.359	1.147E-09	27.671	5.534	1.263E-09	28.649	5.730	1.402E-09
686	27.064	5.413	1.182E-09	31.583	6.317	1.878E-09	35.244	7.049	2.609E-09	32.816	6.563	2.106E-09	7.241	1.448	2.263E-11	5.492	1.098	9.872E-12	24.777	4.955	9.067E-10
687	26.982	5.396	1.171E-09	15.489	3.098	2.215E-10	22.464	4.493	6.757E-10	4.294	0.859	4.719E-12	11.311	2.262	8.627E-11	27.854	5.571	1.288E-09	27.215	5.443	1.201E-09
688	31.666	6.333	1.893E-09	11.225	2.245	8.431E-11	18.803	3.761	3.962E-10	24.823	4.965	9.117E-10	31.208	6.242	1.812E-09	7.661	1.532	2.680E-11	25.008	5.002	9.323E-10
689	25.831	5.166	1.027E-09	4.822	0.964	6.682E-12	9.158	1.832	4.578E-11	32.222	6.444	1.994E-09	31.200	6.240	1.810E-09	4.317	0.863	4.796E-12	25.760	5.152	1.019E-09
690	5.687	1.137	1.096E-11	23.902	4.780	8.139E-10	28.714	5.743	1.411E-09	8.575	1.715	3.759E-11	4.327	0.865	4.829E-12	42.727	8.545	4.649E-09	24.381	4.876	8.638E-10
691	37.825	7.565	3.226E-09	31.896	6.379	1.934E-09	15.648	3.130	2.284E-10	68.214	13.643	1.892E-08	29.705	5.941	1.562E-09	27.367	5.473	1.222E-09	39.613	7.923	3.705E-09
692	20.342	4.068	5.017E-10	-15.563	0.000	0.000E+00	71.424	14.285	2.172E-08	21.111	4.222	5.608E-10	32.105	6.421	1.972E-09	33.448	6.690	2.230E-09	22.185	4.437	6.508E-10
693	32.910	6.582	2.125E-09	30.625	6.125	1.712E-09	22.390	4.478	6.691E-10	72.705	14.541	2.291E-08	34.447	6.889	2.436E-09	26.495	5.299	1.109E-09	5.931	1.186	1.244E-11
694	30.852	6.170	1.750E-09	26.881	5.376	1.158E-09	-24.665	0.000	0.000E+00	7.771	1.554	2.798E-11	7.223	1.445	2.246E-11	33.278	6.656	2.197E-09	6.261	1.252	1.463E-11
695	30.446	6.089	1.682E-09	31.318	6.264	1.831E-09	8.096	1.619	3.163E-11	56.091	11.218	1.052E-08	33.019	6.604	2.146E-09	18.977	3.795	4.074E-10	-3.528	0.000	0.000E+00
696	32.531	6.506	2.052E-09	27.987	5.597	1.307E-09	10.019	2.004	5.995E-11	98.892	19.778	5.765E-08	22.151	4.430	6.478E-10	11.851	2.370	9.921E-11	-5.124	0.000	0.000E+00
697	26.164	5.233	1.068E-09	9.060	1.812	4.433E-11	27.731	5.546	1.271E-09	26.112	5.222	1.061E-09	27.798	5.560	1.280E-09	-4.245	0.000	0.000E+00	32.115	6.423	1.974E-09
698	25.189	5.038	9.526E-10	65.137	13.027	1.647E-08	30.138	6.028	1.632E-09	9.696	1.939	5.433E-11	30.226	6.045	1.646E-09	30.155	6.031	1.634E-09	-3.794	0.000	0.000E+00
699	8.752	1.750	3.996E-11	27.679	5.536	1.264E-09	38.665	7.733	3.446E-09	26.926	5.385	1.164E-09	5.491	1.098	9.869E-12	7.066	1.413	2.103E-11	7.759	1.552	2.784E-11
700	29.942	5.988	1.600E-09	31.443	6.289	1.853E-09	32.448	6.490	2.036E-09	40.642	8.128	4.001E-09	7.088	1.418	2.123E-11	22.203	4.441	6.524E-10	30.344	6.069	1.665E-09
701	26.699	5.340	1.134E-09	24.326	4.865	8.581E-10	29.614	5.923	1.548E-09	29.236	5.847	1.489E-09	8.421	1.684	3.559E-11	26.989	5.398	1.172E-09	30.223	6.045	1.645E-09
702	33.123	6.625	2.166E-09	34.242	6.848	2.393E-09	31.993	6.399	1.952E-09	68.003	13.601	1.874E-08	34.424	6.828	2.372E-09	48.053	9.611	6.614E-09	33.276	6.655	2.196E-09
703	7.054	1.411	2.092E-11	27.433	5.487	1.231E-09	24.012	4.802	8.253E-10	8.851	1.770	4.133E-11	8.505	1.701	3.666E-11	35.075	7.015	2.572E-09	31.306	6.261	1.829E-09
704	32.011	6.402	1.955E-09	30.244	6.049	1.649E-09	54.822	10.964	9.821E-09	23.109	4.622	7.355E-10	26.794	5.359	1.147E-09	5.933	1.187	1.245E-11	33.710	6.742	2.283E-09
705	34.635	6.927	2.477E-09	65.972	13.194	1.711E-08	36.134	7.227	2.812E-09	35.841	7.168	2.744E-09	29.105	5.821	1.470E-09	40.851	8.170	4.063E-09	29.181	5.836	1.481E-09
706	30.453	6.091	1.683E-09	30.037	6.007	1.615E-09	4.327	0.865	4.829E-12	31.667	6.333	1.893E-09	3.946	0.789	3.663E-12	5.290	1.058	8.822E-12	32.469	6.494	2.040E-09
707	11.367	2.273	8.755E-11	30.711	6.142	1.727E-09	28.683	5.737	1.407E-09	7.089	1.418	2.123E-11	36.090	7.218	2.486E-11	9.096	1.819	4.486E-11	34.074	6.815	2.358E-09
708	7.133	1.427	2.163E-11	67.445	13.489	1.829E-08	35.520	7.104	2.671E-09	60.713	12.143	1.334E-08	37.377	7.475	3.113E-09	20.163	4.033	4.886E-10	26.816	5.363	1.149E-09
709	19.349	3.870	4.318E-10	27.488	5.498	1.238E-09	34.637	6.927	2.477E-09	25.634	5.127	1.004E-09	68.395	13.679	1.907E-08	31.412	6.282	1.848E-09	26.665	5.333	1.130E-09
710	5.562	1.112	1.025E-11	36.400	7.280	2.875E-09	37.388	7.478	3.115E-09	26.025	5.205	1.051E-09	36.666	7.333	2.938E-09	30.435	6.087	1.680E-09	5.686	1.137	1.096E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
711	29.570	5.914	1.541E-09	10.544	2.109	6.987E-11	44.212	8.842	5.151E-09	6.248	1.250	1.454E-11	44.717	8.943	5.330E-09	19.989	3.998	4.760E-10	33.407	6.681	2.222E-09
712	25.697	5.139	1.011E-09	28.074	5.615	1.319E-09	4.225	0.845	4.497E-12	101.607	20.321	6.253E-08	8.213	1.643	3.302E-11	20.207	4.041	4.918E-10	30.992	6.198	1.774E-09
713	30.061	6.012	1.619E-09	32.208	6.442	1.992E-09	6.929	1.386	1.983E-11	35.253	7.051	2.611E-09	106.868	21.374	7.275E-08	31.545	6.309	1.871E-09	64.266	12.853	1.582E-08
714	36.906	7.381	2.996E-09	8.092	1.618	3.158E-11	23.166	4.633	7.410E-10	35.428	7.086	2.650E-09	28.213	5.643	1.339E-09	31.109	6.222	1.795E-09	32.005	6.401	1.954E-09
715	9.041	1.808	4.405E-11	28.002	5.600	1.309E-09	28.600	5.720	1.394E-09	3.997	0.799	3.807E-12	5.262	1.052	8.687E-12	32.824	6.565	2.108E-09	16.423	3.285	2.640E-10
716	19.133	3.827	4.175E-10	24.136	4.827	8.380E-10	26.754	5.351	1.141E-09	8.195	1.639	3.280E-11	67.979	13.596	1.872E-08	29.018	5.804	1.456E-09	7.477	1.495	2.492E-11
717	30.177	6.035	1.638E-09	28.858	5.772	1.433E-09	25.789	5.158	1.022E-09	11.570	2.314	9.232E-11	6.005	1.201	1.291E-11	5.778	1.156	1.150E-11	25.926	5.185	1.039E-09
718	36.480	7.296	2.894E-09	5.612	1.122	1.053E-11	33.739	6.748	2.289E-09	58.460	11.692	1.191E-08	29.707	5.941	1.563E-09	2.536	0.507	9.722E-13	27.003	5.401	1.174E-09
719	30.111	6.022	1.627E-09	29.007	5.801	1.455E-09	31.708	6.342	1.900E-09	55.482	11.096	1.018E-08	40.067	8.013	3.834E-09	30.180	6.036	1.639E-09	28.988	5.798	1.452E-09
720	33.726	6.745	2.286E-09	28.342	5.668	1.357E-09	29.103	5.821	1.469E-09	7.381	1.476	2.396E-11	31.641	6.328	1.888E-09	34.877	6.975	2.529E-09	6.442	1.288	1.594E-11
721	27.690	5.538	1.265E-09	6.516	1.303	1.649E-11	13.354	2.671	1.420E-10	39.696	7.939	3.729E-09	3.139	0.628	1.844E-12	31.003	6.201	1.776E-09	27.500	5.500	1.240E-09
722	31.908	6.382	1.936E-09	19.753	3.951	4.594E-10	26.711	5.342	1.136E-09	56.304	11.261	1.064E-08	22.817	4.563	7.080E-10	4.911	0.982	7.059E-12	35.568	7.114	2.682E-09
723	26.199	5.240	1.072E-09	26.546	5.309	1.115E-09	34.116	6.823	2.367E-09	32.650	6.530	2.075E-09	9.722	1.944	5.477E-11	9.602	1.920	5.277E-11	30.300	6.060	1.658E-09
724	26.213	5.243	1.074E-09	28.006	5.601	1.309E-09	34.838	6.968	2.520E-09	4.906	0.981	7.039E-12	30.847	6.169	1.749E-09	5.589	1.118	1.041E-11	37.727	7.545	3.201E-09
725	11.079	2.216	8.106E-11	31.470	6.294	1.858E-09	14.751	2.950	1.913E-10	30.430	6.086	1.680E-09	97.389	19.478	5.506E-08	29.952	5.990	1.602E-09	35.803	7.161	2.736E-09
726	27.829	5.566	1.285E-09	38.411	7.682	3.378E-09	75.624	15.125	2.578E-08	27.332	5.466	1.217E-09	8.368	1.674	3.493E-11	3.014	0.603	1.633E-12	5.203	1.041	8.394E-12
727	30.471	6.094	1.686E-09	32.254	6.451	2.000E-09	22.583	4.517	6.864E-10	10.930	2.186	7.782E-11	23.325	4.665	7.564E-10	41.190	8.238	4.165E-09	23.440	4.688	7.677E-10
728	21.430	4.286	5.866E-10	27.661	5.532	1.262E-09	31.221	6.244	1.814E-09	22.263	4.453	6.577E-10	19.197	3.839	4.217E-10	-6.936	0.000	0.000E+00	34.827	6.965	2.518E-09
729	28.813	5.763	1.426E-09	26.822	5.364	1.150E-09	27.045	5.409	1.179E-09	22.163	4.433	6.489E-10	8.286	1.657	3.391E-11	38.471	7.694	3.394E-09	46.999	9.400	6.188E-09
730	27.733	5.547	1.271E-09	27.975	5.595	1.305E-09	29.538	5.908	1.536E-09	30.535	6.107	1.697E-09	25.065	5.013	9.387E-10	6.560	1.312	1.683E-11	31.352	6.270	1.837E-09
731	34.494	6.899	2.446E-09	34.690	6.938	2.488E-09	28.267	5.653	1.346E-09	107.921	21.584	7.492E-08	-3.985	0.000	0.000E+00	35.072	7.014	2.571E-09	9.196	1.839	4.635E-11
732	9.953	1.991	5.878E-11	28.288	5.658	1.349E-09	29.012	5.802	1.455E-09	-32.314	0.000	0.000E+00	87.065	17.413	3.934E-08	38.396	7.679	3.374E-09	6.688	1.338	1.783E-11
733	12.904	2.581	1.281E-10	-2.795	0.000	0.000E+00	26.122	5.224	1.062E-09	21.764	4.353	6.145E-10	28.189	5.638	1.335E-09	30.298	6.060	1.658E-09	35.349	7.070	2.633E-09
734	26.969	5.394	1.169E-09	31.047	6.209	1.784E-09	26.173	5.235	1.069E-09	65.169	13.034	1.650E-08	30.467	6.093	1.686E-09	-17.800	0.000	0.000E+00	22.908	4.582	7.166E-10
735	-4.734	0.000	0.000E+00	22.374	4.475	6.676E-10	-10.488	0.000	0.000E+00	56.611	11.322	1.081E-08	101.226	20.245	6.183E-08	31.350	6.270	1.837E-09	32.484	6.497	2.043E-09
736	35.099	7.020	2.577E-09	13.278	2.656	1.395E-10	28.281	5.656	1.348E-09	63.887	12.777	1.554E-08	28.309	5.662	1.352E-09	8.537	1.707	3.709E-11	26.756	5.351	1.142E-09
737	7.078	1.416	2.114E-11	34.700	6.940	2.490E-09	30.448	6.090	1.683E-09	28.646	5.729	1.401E-09	37.097	7.419	3.043E-09	28.010	5.602	1.310E-09	32.487	6.497	2.044E-09
738	18.686	3.737	3.889E-10	26.681	5.336	1.132E-09	32.975	6.595	2.137E-09	113.314	22.663	8.672E-08	3.278	0.656	2.099E-12	28.967	5.793	1.449E-09	32.764	6.553	2.096E-09
739	31.356	6.271	1.838E-09	28.814	5.763	1.426E-09	32.292	6.458	2.007E-09	32.126	6.425	1.976E-09	25.591	5.118	9.990E-10	32.661	6.532	2.077E-09	28.575	5.715	1.391E-09
740	29.297	5.859	1.499E-09	24.531	4.906	8.799E-10	24.961	4.992	9.270E-10	-33.694	0.000	0.000E+00	95.480	19.096	5.188E-08	20.492	4.098	5.129E-10	34.553	6.911	2.459E-09
741	23.820	4.764	8.056E-10	31.766	6.353	1.911E-09	33.185	6.637	2.178E-09	39.731	7.946	3.738E-09	6.044	1.209	1.316E-11	32.700	6.540	2.084E-09	24.935	4.987	9.241E-10
742	36.507	7.301	2.900E-09	5.864	1.173	1.202E-11	29.775	5.955	1.573E-09	56.960	11.392	1.102E-08	59.950	11.990	1.284E-08	25.289	5.058	9.641E-10	-16.688	0.000	0.000E+00
743	35.028	7.006	2.562E-09	29.973	5.995	1.605E-09	25.520	5.104	9.907E-10	98.535	19.707	5.702E-08	13.474	2.695	1.458E-10	32.244	6.449	1.998E-09	37.825	7.565	3.226E-09
744	30.040	6.008	1.616E-09	6.880	1.376	1.941E-11	-3.523	0.000	0.000E+00	25.770	5.154	1.020E-09	8.698	1.740	3.922E-11	4.958	0.992	7.264E-12	24.826	4.965	9.121E-10
745	18.289	3.658	3.646E-10	30.493	6.099	1.690E-09	9.231	1.846	4.689E-11	32.470	6.494	2.040E-09	33.617	6.723	2.264E-09	28.680	5.736	1.406E-09	36.375	7.275	2.869E-09
746	36.293	7.259	2.850E-09	36.987	7.397	3.016E-09	30.737	6.147	1.731E-09	23.917	4.783	8.155E-10	3.598	0.720	2.777E-12	33.835	6.767	2.309E-09	33.461	6.692	2.233E-09
747	31.268	6.254	1.822E-09	25.447	5.089	9.821E-10	32.348	6.470	2.018E-09	32.625	6.525	2.070E-09	104.145	20.829	6.733E-08	34.205	6.841	2.385E-09	30.857	6.171	1.751E-09
748	23.847	4.769	8.083E-10	25.790	5.158	1.023E-09	50.082	10.016	7.487E-09	73.554	14.711	2.372E-08	30.906	6.181	1.760E-09	56.186	11.237	1.057E-08	33.311	6.662	2.203E-09
749	38.651	7.730	3.442E-09	33.213	6.643	2.184E-09	21.918	4.384	6.276E-10	-13.156	0.000	0.000E+00	24.727	4.945	9.012E-10	34.376	6.875	2.421E-09	29.849	5.970	1.585E-09
750	28.508	5.702	1.381E-09	8.163	1.633	3.242E-11	36.093	7.219	2.802E-09	100.337	20.067	6.021E-08	58.828	11.766	1.214E-08	29.801	5.960	1.578E-09	31.425	6.285	1.850E-09
751	27.883	5.577	1.292E-09	21.494	4.299	5.919E-10	33.471	6.694	2.235E-09	-16.619	0.000	0.000E+00	85.110	17.022	3.675E-08	29.295	5.859	1.499E-09	34.780	6.956	2.508E-09
752	25.499	5.100	9.882E-10	34.326	6.865	2.411E-09	33.604	6.721	2.262E-09	6.630	1.326	1.737E-11	5.800	1.160	1.163E-11	33.249	6.650	2.191E-09	31.914	6.383	1.937E-09
753	27.605	5.521	1.254E-09	32.148	6.430	1.980E-09	27.909	5.582	1.296E-09	38.700	7.740	3.455E-09	38.836	7.767	3.491E-09	14.388	2.878	1.775E-10	7.635	1.527	2.653E-11
754	20.180	4.036	4.898E-10	30.681	6.136	1.721E-09	33.698	6.740	2.281E-09	28.077	5.615	1.319E-09	6.260	1.252	1.462E-11	26.641	5.328	1.127E-09	22.898	4.580	7.156E-10
755	25.783	5.157	1.022E-09	32.947	6.589	2.132E-09	28.226	5.645	1.340E-09	31.927	6.385	1.940E-09	6.633	1.327	1.739E-11	34.879	6.976	2.529E-09	36.332	7.266	2.859E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
756	5.229	1.046	8.521E-12	27.787	5.557	1.279E-09	30.595	6.119	1.707E-09	61.210	12.242	1.367E-08	26.863	5.373	1.155E-09	31.045	6.209	1.784E-09	18.995	3.799	4.085E-10
757	6.129	1.226	1.372E-11	4.388	0.878	5.037E-12	10.759	2.152	7.423E-11	30.602	6.120	1.708E-09	74.791	14.958	2.494E-08	17.627	3.525	3.265E-10	6.485	1.297	1.626E-11
758	8.512	1.702	3.677E-11	25.321	5.064	9.677E-10	21.678	4.336	6.072E-10	60.792	12.158	1.339E-08	8.302	1.660	3.410E-11	37.226	7.445	3.075E-09	9.038	1.808	4.401E-11
759	7.942	1.588	2.986E-11	29.286	5.857	1.497E-09	35.067	7.013	2.570E-09	61.349	12.270	1.376E-08	6.170	1.234	1.400E-11	38.461	7.692	3.391E-09	32.935	6.587	2.129E-09
760	32.227	6.445	1.995E-09	7.115	1.423	2.146E-11	33.773	6.755	2.296E-09	-19.748	0.000	0.000E+00	29.103	5.821	1.469E-09	5.468	1.094	9.745E-12	32.364	6.473	2.021E-09
761	35.969	7.194	2.774E-09	79.540	15.908	2.999E-08	32.846	6.569	2.112E-09	31.198	6.240	1.810E-09	29.920	5.984	1.596E-09	32.856	6.571	2.114E-09	3.543	0.709	2.651E-12
762	5.130	1.026	8.048E-12	-100.960	0.000	0.000E+00	31.658	6.332	1.891E-09	30.532	6.106	1.696E-09	26.620	5.324	1.124E-09	24.651	4.930	8.929E-10	36.792	7.358	2.969E-09
763	28.316	5.663	1.353E-09	69.535	13.907	2.004E-08	18.917	3.783	4.035E-10	5.348	1.070	9.119E-12	5.511	1.102	9.975E-12	5.207	1.041	8.414E-12	35.992	7.198	2.779E-09
764	29.154	5.831	1.477E-09	29.934	5.987	1.599E-09	29.766	5.953	1.572E-09	39.505	7.901	3.675E-09	34.440	6.888	2.435E-09	4.069	0.814	4.016E-12	33.847	6.769	2.311E-09
765	24.968	4.994	9.278E-10	24.461	4.892	8.724E-10	5.545	1.109	1.016E-11	5.639	1.128	1.069E-11	39.802	7.960	3.758E-09	3.908	0.782	3.559E-12	27.895	5.579	1.294E-09
766	25.627	5.125	1.003E-09	36.535	7.307	2.907E-09	29.985	5.997	1.607E-09	6.017	1.203	1.299E-11	27.084	5.417	1.184E-09	28.588	5.718	1.393E-09	22.220	4.444	6.539E-10
767	27.354	5.471	1.220E-09	7.025	1.405	2.067E-11	3.865	0.773	3.442E-12	35.298	7.060	2.621E-09	4.983	0.997	7.373E-12	12.459	2.492	1.153E-10	33.460	6.692	2.233E-09
768	34.250	6.850	2.395E-09	41.150	8.230	4.153E-09	39.190	7.838	3.588E-09	53.148	10.630	8.948E-09	35.071	7.014	2.571E-09	6.132	1.226	1.374E-11	36.095	7.219	2.803E-09
769	-5.356	0.000	0.000E+00	26.608	5.322	1.123E-09	32.671	6.534	2.079E-09	33.181	6.636	2.177E-09	36.764	7.353	2.962E-09	31.330	6.266	1.833E-09	6.525	1.305	1.656E-11
770	31.427	6.285	1.850E-09	-4.218	0.000	0.000E+00	26.411	5.282	1.098E-09	63.188	12.638	1.504E-08	-3.784	0.000	0.000E+00	28.747	5.749	1.416E-09	31.800	6.360	1.917E-09
771	36.794	7.359	2.969E-09	29.504	5.901	1.531E-09	25.608	5.122	1.001E-09	-9.123	0.000	0.000E+00	28.792	5.758	1.423E-09	11.698	2.340	9.542E-11	36.103	7.221	2.805E-09
772	35.975	7.195	2.775E-09	29.849	5.970	1.585E-09	34.001	6.800	2.343E-09	24.804	4.961	9.096E-10	27.125	5.425	1.190E-09	3.835	0.767	3.361E-12	33.712	6.742	2.284E-09
773	8.144	1.629	3.220E-11	28.519	5.704	1.383E-09	34.002	6.800	2.343E-09	32.284	6.457	2.006E-09	64.181	12.836	1.576E-08	25.209	5.042	9.549E-10	-7.033	0.000	0.000E+00
774	30.232	6.046	1.647E-09	27.664	5.533	1.262E-09	6.690	1.338	1.784E-11	23.815	4.763	8.051E-10	111.157	22.231	8.187E-08	-7.474	0.000	0.000E+00	29.809	5.962	1.579E-09
775	33.778	6.756	2.297E-09	30.263	6.053	1.652E-09	7.640	1.528	2.658E-11	28.337	5.667	1.356E-09	102.249	20.450	6.372E-08	27.937	5.587	1.300E-09	18.508	3.702	3.779E-10
776	8.326	1.665	3.441E-11	26.388	5.278	1.095E-09	32.296	6.459	2.008E-09	60.589	12.118	1.326E-08	14.262	2.852	1.729E-10	37.077	7.415	3.038E-09	-4.572	0.000	0.000E+00
777	39.536	7.907	3.683E-09	5.543	1.109	1.015E-11	20.807	4.161	5.369E-10	8.112	1.622	3.182E-11	20.656	4.131	5.253E-10	35.131	7.026	2.584E-09	35.106	7.021	2.579E-09
778	18.791	3.758	3.955E-10	30.469	6.094	1.686E-09	32.825	6.565	2.108E-09	64.364	12.873	1.589E-08	10.788	2.158	7.485E-11	8.721	1.744	3.954E-11	4.905	0.981	7.035E-12
779	33.174	6.635	2.176E-09	28.286	5.657	1.349E-09	7.223	1.445	2.246E-11	32.993	6.599	2.141E-09	27.131	5.426	1.190E-09	4.826	0.965	6.701E-12	53.041	10.608	8.894E-09
780	10.984	2.197	7.898E-11	28.109	5.622	1.324E-09	31.001	6.200	1.776E-09	66.616	13.323	1.762E-08	5.360	1.072	9.177E-12	8.146	1.629	3.222E-11	33.786	6.757	2.299E-09
781	35.160	7.032	2.591E-09	-4.941	0.000	0.000E+00	31.238	6.248	1.817E-09	46.553	9.311	6.013E-09	3.466	0.693	2.483E-12	26.420	5.284	1.099E-09	8.637	1.727	3.841E-11
782	23.175	4.635	7.420E-10	32.696	6.539	2.083E-09	9.446	1.889	5.024E-11	35.953	7.191	2.770E-09	63.143	12.629	1.501E-08	8.029	1.606	3.086E-11	7.312	1.462	2.330E-11
783	35.999	7.200	2.781E-09	24.304	4.861	8.557E-10	5.388	1.078	9.326E-12	29.020	5.804	1.457E-09	5.606	1.121	1.050E-11	30.616	6.123	1.711E-09	5.402	1.080	9.395E-12
784	15.647	3.129	2.283E-10	36.904	7.381	2.996E-09	10.689	2.138	7.280E-11	7.835	1.567	2.867E-11	106.656	21.331	7.232E-08	29.974	5.995	1.605E-09	27.237	5.447	1.204E-09
785	7.001	1.400	2.046E-11	6.526	1.305	1.656E-11	30.257	6.051	1.651E-09	8.093	1.619	3.159E-11	8.332	1.666	3.448E-11	22.739	4.548	7.009E-10	26.130	5.226	1.063E-09
786	4.946	0.989	7.212E-12	11.281	2.256	8.557E-11	14.154	2.831	1.690E-10	28.203	5.641	1.337E-09	50.206	10.041	7.543E-09	12.948	2.590	1.294E-10	-8.012	0.000	0.000E+00
787	24.557	4.911	8.827E-10	5.710	1.142	1.110E-11	30.206	6.041	1.643E-09	100.311	20.062	6.016E-08	16.289	3.258	2.576E-10	36.988	7.398	3.016E-09	35.058	7.012	2.568E-09
788	35.156	7.031	2.590E-09	36.273	7.255	2.845E-09	6.380	1.276	1.548E-11	31.327	6.265	1.833E-09	34.245	6.849	2.394E-09	33.535	6.707	2.248E-09	30.059	6.012	1.619E-09
789	36.981	7.396	3.015E-09	31.347	6.269	1.836E-09	6.767	1.353	1.847E-11	8.780	1.756	4.034E-11	57.245	11.449	1.118E-08	35.589	7.118	2.687E-09	26.632	5.326	1.126E-09
790	-6.643	0.000	0.000E+00	38.267	7.653	3.340E-09	11.508	2.302	9.083E-11	33.035	6.607	2.149E-09	30.222	6.044	1.645E-09	49.536	9.907	7.245E-09	-7.488	0.000	0.000E+00
791	30.039	6.008	1.616E-09	34.539	6.908	2.456E-09	33.885	6.777	2.319E-09	92.743	18.549	4.755E-08	31.648	6.330	1.889E-09	32.274	6.455	2.004E-09	34.209	6.842	2.386E-09
792	30.452	6.090	1.683E-09	30.665	6.133	1.719E-09	19.107	3.821	4.158E-10	30.400	6.080	1.675E-09	9.710	1.942	5.457E-11	24.322	4.864	8.576E-10	50.327	10.065	7.598E-09
793	22.312	4.462	6.621E-10	33.618	6.724	2.265E-09	6.749	1.350	1.832E-11	25.076	5.015	9.398E-10	32.641	6.528	2.073E-09	30.746	6.149	1.732E-09	19.311	3.862	4.293E-10
794	29.473	5.895	1.526E-09	9.962	1.992	5.892E-11	-7.525	0.000	0.000E+00	28.064	5.613	1.318E-09	61.593	12.319	1.393E-08	21.366	4.273	5.813E-10	26.573	5.315	1.118E-09
795	46.123	9.225	5.849E-09	34.734	6.947	2.498E-09	6.527	1.305	1.658E-11	55.948	11.190	1.044E-08	61.237	12.247	1.369E-08	-5.101	0.000	0.000E+00	23.895	4.779	8.132E-10
796	5.498	1.100	9.905E-12	6.544	1.309	1.671E-11	19.337	3.867	4.310E-10	37.205	7.441	3.070E-09	39.679	7.936	3.724E-09	29.699	5.940	1.561E-09	50.981	10.196	7.898E-09
797	6.323	1.265	1.507E-11	35.828	7.166	2.741E-09	3.559	0.712	2.686E-12	27.111	5.422	1.188E-09	31.569	6.314	1.749E-09	30.846	6.169	1.732E-09	28.561	5.712	1.389E-09
798	9.342	1.868	4.859E-11	10.813	2.163	7.535E-11	-3.382	0.000	0.000E+00	28.941	5.788	1.445E-09	43.185	8.637	4.801E-09	6.546	1.309	1.672E-11	32.532	6.506	2.052E-09
799	6.877	1.375	1.939E-11	31.272	6.254	1.823E-09	19.255	3.851	4.255E-10	28.536	5.707	1.385E-09	100.824	20.165	6.109E-08	26.618	5.324	1.124E-09	31.343	6.269	1.835E-09
800	26.203	5.241	1.072E-09	30.272	6.054	1.654E-09	32.891	6.578	2.121E-09	6.061	1.212	1.327E-11	67.639	13.528	1.844E-08	40.599	8.120	3.989E-09	37.770	7.554	3.212E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
801	29.761	5.952	1.571E-09	28.669	5.734	1.405E-09	-5.616	0.000	0.000E+00	192.788	38.558	4.271E-07	111.009	22.202	8.154E-08	95.034	19.007	5.116E-08	29.539	5.908	1.536E-09
802	30.433	6.087	1.680E-09	11.005	2.201	7.945E-11	28.662	5.732	1.403E-09	69.606	13.921	2.010E-08	93.593	18.719	4.887E-08	25.238	5.048	9.582E-10	20.360	4.072	5.030E-10
803	29.446	5.889	1.522E-09	7.648	1.530	2.667E-11	32.385	6.477	2.024E-09	90.675	18.135	4.444E-08	29.976	5.995	1.606E-09	26.616	5.323	1.124E-09	22.385	4.477	6.686E-10
804	21.504	4.301	5.927E-10	69.156	13.831	1.971E-08	-4.509	0.000	0.000E+00	-4.836	0.000	0.000E+00	4.859	0.972	6.839E-12	29.661	5.932	1.555E-09	-4.613	0.000	0.000E+00
805	7.963	1.593	3.009E-11	10.000	2.000	5.960E-11	29.341	5.868	1.506E-09	37.697	7.539	3.193E-09	31.737	6.347	1.905E-09	17.823	3.565	3.374E-10	35.956	7.191	2.771E-09
806	30.002	6.000	1.610E-09	29.297	5.859	1.499E-09	37.794	7.559	3.218E-09	31.936	6.387	1.941E-09	36.857	7.371	2.984E-09	-7.106	0.000	0.000E+00	42.377	8.475	4.536E-09
807	30.164	6.033	1.636E-09	27.735	5.547	1.272E-09	11.547	2.309	9.177E-11	37.103	7.421	3.044E-09	36.542	7.308	2.908E-09	8.327	1.665	3.442E-11	-4.566	0.000	0.000E+00
808	34.034	6.807	2.350E-09	37.774	7.555	3.213E-09	6.112	1.222	1.361E-11	31.113	6.223	1.795E-09	-3.869	0.000	0.000E+00	-2.758	0.000	0.000E+00	24.280	4.856	8.532E-10
809	3.750	0.750	3.143E-12	30.603	6.121	1.708E-09	29.866	5.973	1.588E-09	3.606	0.721	2.796E-12	7.523	1.505	2.538E-11	6.785	1.357	1.862E-11	-2.691	0.000	0.000E+00
810	49.955	9.991	7.431E-09	33.214	6.643	2.184E-09	5.671	1.134	1.087E-11	64.021	12.804	1.564E-08	-4.109	0.000	0.000E+00	34.050	6.810	2.353E-09	34.850	6.970	2.523E-09
811	17.413	3.483	3.147E-10	29.331	5.866	1.504E-09	26.316	5.263	1.086E-09	67.566	13.513	1.839E-08	6.810	1.362	1.882E-11	6.007	1.201	1.292E-11	40.049	8.010	3.829E-09
812	3.626	0.725	2.842E-12	35.992	7.198	2.779E-09	13.582	2.716	1.493E-10	42.779	8.556	4.666E-09	91.386	18.277	4.549E-08	17.820	3.564	3.373E-10	15.814	3.163	2.357E-10
813	33.313	6.663	2.204E-09	27.325	5.465	1.216E-09	26.883	5.377	1.158E-09	26.486	5.297	1.107E-09	3.813	0.763	3.306E-12	40.471	8.094	3.951E-09	27.248	5.450	1.206E-09
814	26.854	5.371	1.154E-09	33.909	6.782	2.324E-09	7.258	1.452	2.279E-11	6.038	1.208	1.312E-11	6.026	1.205	1.304E-11	7.825	1.565	2.856E-11	-21.127	0.000	0.000E+00
815	29.872	5.974	1.589E-09	56.287	11.257	1.063E-08	33.760	6.752	2.294E-09	32.908	6.582	2.124E-09	88.594	17.719	4.145E-08	32.830	6.566	2.109E-09	27.976	5.595	1.305E-09
816	30.235	6.047	1.648E-09	36.567	7.313	2.914E-09	30.409	6.082	1.676E-09	38.075	7.615	3.290E-09	3.942	0.788	3.650E-12	-4.938	0.000	0.000E+00	21.045	4.209	5.555E-10
817	9.223	1.845	4.676E-11	30.360	6.072	1.668E-09	11.121	2.224	8.198E-11	5.649	1.130	1.074E-11	62.090	12.418	1.427E-08	28.064	5.613	1.317E-09	18.172	3.634	3.577E-10
818	5.868	1.174	1.204E-11	29.588	5.918	1.544E-09	40.335	8.067	3.911E-09	56.527	11.305	1.077E-08	-76.773	0.000	0.000E+00	-6.718	0.000	0.000E+00	34.955	6.991	2.546E-09
819	11.825	2.365	9.856E-11	20.479	4.096	5.119E-10	5.403	1.081	9.401E-12	52.353	10.471	8.553E-09	105.766	21.153	7.052E-08	34.323	6.865	2.410E-09	-20.785	0.000	0.000E+00
820	28.850	5.770	1.431E-09	37.977	7.595	3.265E-09	11.546	2.309	9.175E-11	88.993	17.799	4.201E-08	4.578	0.916	5.719E-12	15.271	3.054	2.123E-10	26.359	5.272	1.092E-09
821	21.815	4.363	6.188E-10	28.904	5.781	1.439E-09	24.545	4.909	8.814E-10	82.286	16.457	3.321E-08	19.657	3.931	4.527E-10	24.171	4.834	8.417E-10	5.138	1.028	8.083E-12
822	37.924	7.585	3.251E-09	26.047	5.209	1.053E-09	27.683	5.537	1.264E-09	-65.032	0.000	0.000E+00	98.986	19.797	5.781E-08	39.126	7.825	3.570E-09	5.989	1.198	1.281E-11
823	24.426	4.885	8.687E-10	25.845	5.169	1.029E-09	5.768	1.154	1.144E-11	27.811	5.562	1.282E-09	104.426	20.885	6.788E-08	26.460	5.292	1.104E-09	29.044	5.809	1.460E-09
824	26.362	5.272	1.092E-09	24.133	4.827	8.378E-10	5.129	1.026	8.042E-12	48.106	9.621	6.636E-09	7.015	1.403	2.058E-11	16.141	3.228	2.507E-10	-19.540	0.000	0.000E+00
825	23.771	4.754	8.006E-10	16.859	3.372	2.856E-10	32.976	6.595	2.137E-09	26.658	5.332	1.129E-09	95.863	19.173	5.251E-08	-8.041	0.000	0.000E+00	8.871	1.774	4.162E-11
826	25.037	5.007	9.355E-10	29.359	5.872	1.508E-09	-3.414	0.000	0.000E+00	58.464	11.693	1.191E-08	27.918	5.584	1.297E-09	31.783	6.357	1.914E-09	10.464	2.093	6.830E-11
827	39.376	7.875	3.639E-09	31.984	6.397	1.950E-09	7.112	1.422	2.144E-11	55.226	11.045	1.004E-08	97.739	19.548	5.565E-08	31.768	6.354	1.911E-09	14.009	2.802	1.639E-10
828	-22.046	0.000	0.000E+00	6.785	1.357	1.862E-11	5.563	1.113	1.026E-11	51.776	10.355	8.273E-09	12.466	2.493	1.155E-10	32.693	6.539	2.083E-09	29.046	5.809	1.461E-09
829	32.234	6.447	1.996E-09	5.471	1.094	9.761E-12	42.659	8.532	4.627E-09	111.758	22.352	8.320E-08	96.795	19.359	5.406E-08	24.333	4.867	8.587E-10	27.166	5.433	1.195E-09
830	24.848	4.970	9.145E-10	41.060	8.212	4.126E-09	33.060	6.612	2.154E-09	35.936	7.187	2.766E-09	7.905	1.581	2.944E-11	4.432	0.886	5.190E-12	7.089	1.418	2.124E-11
831	30.185	6.037	1.639E-09	32.202	6.440	1.990E-09	32.793	6.559	2.102E-09	7.515	1.503	2.529E-11	9.749	1.950	5.523E-11	8.359	1.672	3.482E-11	17.021	3.404	2.939E-10
832	35.903	7.181	2.759E-09	17.961	3.592	3.454E-10	29.766	5.953	1.572E-09	63.805	12.761	1.548E-08	32.028	6.406	1.958E-09	58.238	11.648	1.177E-08	107.058	21.412	7.314E-08
833	30.288	6.058	1.656E-09	29.349	5.870	1.507E-09	25.174	5.035	9.510E-10	64.686	12.937	1.613E-08	7.974	1.595	3.023E-11	30.959	6.192	1.769E-09	11.412	2.282	8.859E-11
834	28.273	5.655	1.347E-09	33.725	6.745	2.286E-09	47.599	9.520	6.428E-09	37.649	7.530	3.181E-09	34.170	6.834	2.378E-09	36.011	7.202	2.784E-09	25.410	5.082	9.780E-10
835	7.746	1.549	2.770E-11	31.654	6.331	1.890E-09	37.480	7.496	3.138E-09	15.339	3.068	2.151E-10	98.171	19.634	5.640E-08	10.777	2.155	7.461E-11	29.454	5.891	1.523E-09
836	28.248	5.650	1.344E-09	28.205	5.641	1.337E-09	7.416	1.483	2.431E-11	28.148	5.630	1.329E-09	5.158	1.032	8.179E-12	6.451	1.290	1.600E-11	10.817	2.163	7.545E-11
837	7.139	1.428	2.169E-11	40.240	8.048	3.884E-09	2.847	0.569	1.376E-12	32.469	6.494	2.040E-09	106.914	21.383	7.284E-08	13.549	2.710	1.482E-10	62.086	12.417	1.427E-08
838	27.737	5.547	1.272E-09	33.411	6.682	2.223E-09	27.983	5.597	1.306E-09	44.660	8.932	5.309E-09	4.316	0.863	4.792E-12	-5.073	0.000	0.000E+00	9.822	1.964	5.648E-11
839	4.512	0.902	5.474E-12	19.444	3.889	4.382E-10	27.591	5.518	1.252E-09	27.666	5.533	1.262E-09	34.475	6.895	2.442E-09	25.844	5.169	1.029E-09	6.951	1.390	2.002E-11
840	23.094	4.619	7.342E-10	-22.819	0.000	0.000E+00	15.824	3.165	2.362E-10	99.581	19.916	5.886E-08	37.153	7.431	3.057E-09	46.695	9.339	6.069E-09	-7.163	0.000	0.000E+00
841	3.448	0.690	2.442E-12	29.423	5.885	1.518E-09	32.230	6.446	1.996E-09	32.932	6.586	2.129E-09	27.974	5.595	1.305E-09	29.835	5.967	1.583E-09	99.792	19.958	5.923E-08
842	34.106	6.821	2.365E-09	33.884	6.777	2.319E-09	8.299	1.660	3.407E-11	59.651	11.930	1.265E-08	65.656	13.131	1.687E-08	38.009	7.602	3.273E-09	25.253	5.051	9.599E-10
843	7.750	1.550	2.775E-11	44.460	8.892	5.238E-09	32.369	6.474	2.021E-09	-6.416	0.000	0.000E+00	3.778	0.756	3.214E-12	112.431	22.486	8.471E-08	42.683	8.537	4.635E-09
844	16.999	3.400	2.928E-10	16.688	3.338	2.770E-10	30.860	6.172	1.752E-09	9.911	1.982	5.802E-11	36.196	7.239	2.827E-09	26.321	5.264	1.087E-09	19.321	3.864	4.299E-10
845	7.240	1.448	2.262E-11	32.811	6.562	2.105E-09	38.798	7.760	3.481E-09	63.037	12.607	1.493E-08	103.914	20.783	6.688E-08	31.986	6.397	1.951E-09	-5.886	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
846	3.975	0.795	3.744E-12	24.508	4.902	8.775E-10	32.220	6.444	1.994E-09	7.479	1.496	2.494E-11	5.304	1.061	8.896E-12	3.268	0.654	2.080E-12	24.602	4.920	8.875E-10
847	7.791	1.558	2.818E-11	7.360	1.472	2.376E-11	42.204	8.441	4.481E-09	9.418	1.884	4.980E-11	53.740	10.748	9.251E-09	9.347	1.869	4.867E-11	24.752	4.950	9.039E-10
848	87.340	17.468	3.971E-08	34.839	6.968	2.520E-09	41.930	8.386	4.394E-09	-4.352	0.000	0.000E+00	5.748	1.150	1.132E-11	27.716	5.543	1.269E-09	-17.739	0.000	0.000E+00
849	6.726	1.345	1.813E-11	38.652	7.730	3.442E-09	32.059	6.412	1.964E-09	34.607	6.921	2.470E-09	7.499	1.500	2.514E-11	7.124	1.425	2.155E-11	-4.173	0.000	0.000E+00
850	28.454	5.691	1.373E-09	33.298	6.660	2.201E-09	-19.679	0.000	0.000E+00	2.374	0.475	7.975E-13	94.775	18.955	5.074E-08	26.624	5.325	1.125E-09	51.080	10.216	7.944E-09
851	7.943	1.589	2.987E-11	8.207	1.641	3.295E-11	26.335	5.267	1.089E-09	32.940	6.588	2.130E-09	19.832	3.966	4.649E-10	34.294	6.859	2.404E-09	33.478	6.696	2.236E-09
852	10.707	2.141	7.316E-11	6.616	1.323	1.726E-11	29.769	5.954	1.572E-09	24.882	4.976	9.182E-10	-2.789	0.000	0.000E+00	69.840	13.968	2.031E-08	29.130	5.826	1.473E-09
853	95.444	19.089	5.182E-08	4.780	0.956	6.510E-12	11.903	2.381	1.005E-10	26.713	5.343	1.136E-09	58.629	11.726	1.201E-08	13.771	2.754	1.557E-10	34.994	6.999	2.554E-09
854	17.165	3.433	3.015E-10	27.199	5.440	1.199E-09	30.865	6.173	1.753E-09	19.622	3.924	4.503E-10	29.867	5.973	1.588E-09	34.810	6.962	2.514E-09	38.247	7.649	3.335E-09
855	18.304	3.661	3.655E-10	32.130	6.426	1.977E-09	31.342	6.268	1.835E-09	24.051	4.810	8.292E-10	27.578	5.516	1.250E-09	7.702	1.540	2.723E-11	3.357	0.671	2.255E-12
856	21.711	4.342	6.100E-10	29.623	5.925	1.549E-09	28.423	5.685	1.369E-09	66.592	13.318	1.760E-08	9.698	1.940	5.437E-11	51.928	10.386	8.346E-09	10.504	2.101	6.907E-11
857	6.851	1.370	1.917E-11	26.034	5.207	1.052E-09	18.864	3.773	4.001E-10	99.656	19.931	5.899E-08	18.247	3.649	3.621E-10	29.247	5.849	1.491E-09	27.415	5.483	1.228E-09
858	7.864	1.573	2.899E-11	6.831	1.366	1.900E-11	19.953	3.991	4.735E-10	30.032	6.006	1.614E-09	81.380	16.276	3.213E-08	103.856	20.771	6.677E-08	161.137	32.227	2.494E-07
859	4.376	0.875	4.994E-12	32.050	6.410	1.962E-09	9.726	1.945	5.485E-11	76.137	15.227	2.631E-08	3.389	0.678	2.320E-12	22.605	4.521	6.885E-10	115.028	23.006	9.072E-08
860	10.957	2.191	7.841E-11	33.758	6.752	2.293E-09	26.178	5.236	1.069E-09	-38.718	0.000	0.000E+00	106.688	21.338	7.238E-08	4.821	0.964	6.680E-12	30.716	6.143	1.727E-09
861	30.429	6.086	1.679E-09	33.343	6.669	2.209E-09	5.390	1.078	9.333E-12	10.908	2.182	7.737E-11	112.075	22.415	8.391E-08	5.952	1.190	1.257E-11	106.728	21.346	7.246E-08
862	6.218	1.244	1.433E-11	34.669	6.934	2.484E-09	10.362	2.072	6.631E-11	5.804	1.161	1.166E-11	104.997	20.999	6.900E-08	44.807	8.961	5.362E-09	111.080	22.216	8.170E-08
863	29.425	5.885	1.519E-09	24.771	4.954	9.060E-10	25.701	5.140	1.012E-09	107.730	21.546	7.453E-08	102.883	20.577	6.491E-08	107.669	21.534	7.440E-08	19.943	3.989	4.728E-10
864	35.239	7.048	2.608E-09	26.230	5.246	1.076E-09	30.247	6.049	1.649E-09	27.342	5.468	1.218E-09	5.139	1.028	8.089E-12	-4.361	0.000	0.000E+00	26.346	5.269	1.090E-09
865	103.777	20.755	6.662E-08	27.505	5.501	1.240E-09	12.501	2.500	1.164E-10	103.929	20.786	6.691E-08	3.873	0.775	3.464E-12	5.737	1.147	1.125E-11	6.801	1.360	1.875E-11
866	34.529	6.906	2.454E-09	28.730	5.746	1.413E-09	26.507	5.301	1.110E-09	27.772	5.554	1.277E-09	98.888	19.778	5.764E-08	35.129	7.026	2.584E-09	10.201	2.040	6.327E-11
867	201.649	40.330	4.887E-07	26.659	5.332	1.129E-09	26.265	5.253	1.080E-09	32.004	6.401	1.954E-09	12.215	2.443	1.086E-10	18.357	3.671	3.687E-10	110.960	22.192	8.143E-08
868	9.102	1.820	4.495E-11	34.502	6.900	2.448E-09	7.434	1.487	2.449E-11	18.484	3.697	3.764E-10	58.781	11.756	1.211E-08	28.257	5.651	1.345E-09	7.094	1.419	2.128E-11
869	5.882	1.176	1.213E-11	21.878	4.376	6.242E-10	25.159	5.032	9.492E-10	29.878	5.976	1.590E-09	-5.401	0.000	0.000E+00	-8.934	0.000	0.000E+00	9.377	1.875	4.915E-11
870	85.503	17.101	3.726E-08	26.035	5.207	1.052E-09	25.713	5.143	1.013E-09	5.027	1.005	7.574E-12	104.024	20.805	6.710E-08	-4.230	0.000	0.000E+00	6.281	1.256	1.477E-11
871	-21.106	0.000	0.000E+00	28.444	5.689	1.372E-09	5.942	1.188	1.250E-11	21.925	4.385	6.282E-10	9.074	1.815	4.454E-11	-4.993	0.000	0.000E+00	30.204	6.041	1.642E-09
872	25.789	5.158	1.022E-09	6.807	1.361	1.880E-11	30.731	6.146	1.730E-09	14.995	2.999	2.010E-10	52.911	10.582	8.829E-09	6.973	1.395	2.021E-11	28.122	5.624	1.326E-09
873	5.006	1.001	7.476E-12	26.918	5.384	1.163E-09	62.286	12.457	1.440E-08	7.196	1.439	2.221E-11	79.215	15.843	2.963E-08	30.978	6.196	1.772E-09	28.928	5.786	1.443E-09
874	8.801	1.760	4.064E-11	27.861	5.572	1.289E-09	-9.627	0.000	0.000E+00	31.861	6.372	1.928E-09	56.524	11.305	1.076E-08	64.418	12.884	1.593E-08	118.882	23.776	1.001E-07
875	32.851	6.570	2.113E-09	9.718	1.944	5.471E-11	25.594	5.119	9.993E-10	26.179	5.236	1.069E-09	43.212	8.642	4.810E-09	41.396	8.279	4.228E-09	45.902	9.180	5.765E-09
876	55.773	11.155	1.034E-08	5.981	1.196	1.275E-11	33.007	6.601	2.143E-09	65.396	13.079	1.667E-08	-3.133	0.000	0.000E+00	102.667	20.533	6.450E-08	38.304	7.661	3.350E-09
877	105.759	21.152	7.051E-08	38.702	7.740	3.455E-09	3.748	0.750	3.137E-12	26.331	5.266	1.088E-09	98.762	19.752	5.742E-08	29.368	5.874	1.510E-09	4.846	0.969	6.782E-12
878	7.704	1.541	2.726E-11	17.511	3.502	3.200E-10	31.154	6.231	1.802E-09	7.544	1.509	2.559E-11	30.188	6.038	1.640E-09	6.945	1.389	1.997E-11	67.964	13.593	1.871E-08
879	8.325	1.665	3.439E-11	20.839	4.168	5.394E-10	7.117	1.423	2.148E-11	63.152	12.630	1.501E-08	103.015	20.603	6.516E-08	63.478	12.696	1.525E-08	31.293	6.259	1.827E-09
880	13.309	2.662	1.405E-10	12.945	2.589	1.293E-10	28.839	5.768	1.430E-09	24.373	4.875	8.630E-10	25.699	5.140	1.012E-09	-23.326	0.000	0.000E+00	36.395	7.279	2.873E-09
881	3.722	0.744	3.073E-12	32.991	6.598	2.140E-09	-4.394	0.000	0.000E+00	2.846	0.569	1.374E-12	98.029	19.606	5.615E-08	53.519	10.704	9.137E-09	13.571	2.714	1.490E-10
882	33.713	6.743	2.284E-09	6.933	1.387	1.987E-11	4.217	0.843	4.471E-12	31.058	6.212	1.786E-09	23.499	4.700	7.734E-10	10.619	2.124	7.137E-11	10.176	2.035	6.281E-11
883	108.777	21.755	7.672E-08	6.666	1.333	1.766E-11	32.005	6.401	1.954E-09	60.545	12.109	1.323E-08	7.020	1.404	2.062E-11	27.071	5.414	1.182E-09	32.074	6.415	1.967E-09
884	6.888	1.378	1.948E-11	6.361	1.272	1.534E-11	36.480	7.296	2.894E-09	28.458	5.692	1.374E-09	93.982	18.796	4.948E-08	7.022	1.404	2.064E-11	8.287	1.657	3.392E-11
885	36.476	7.295	2.893E-09	27.226	5.445	1.203E-09	7.883	1.577	2.920E-11	34.948	6.990	2.544E-09	59.493	11.899	1.255E-08	4.444	0.889	5.231E-12	40.833	8.167	4.058E-09
886	3.213	0.643	1.977E-12	6.562	1.312	1.684E-11	30.831	6.166	1.747E-09	7.988	1.598	3.039E-11	3.541	0.708	2.646E-12	37.261	7.452	3.084E-09	10.957	2.191	7.840E-11
887	29.194	5.839	1.483E-09	7.709	1.542	2.731E-11	94.809	18.962	5.080E-08	100.067	20.013	5.323E-08	-7.337	0.000	0.000E+00	31.820	6.364	1.920E-09	31.485	6.297	1.860E-09
888	40.916	8.183	4.083E-09	30.529	6.106	1.696E-09	22.379	4.476	6.681E-10	32.845	6.569	2.112E-09	35.877	7.175	2.753E-09	68.382	13.676	1.906E-08	65.643	13.129	1.686E-08
889	7.977	1.595	3.026E-11	8.332	1.666	3.448E-11	6.238	1.248	1.447E-11	5.940	1.188	1.249E-11	6.844	1.369	1.911E-11	5.078	1.016	7.807E-12	61.938	12.388	1.416E-08
890	19.923	3.985	4.713E-10	27.806	5.561	1.281E-09	29.846	5.969	1.585E-09	8.987	1.797	4.326E-11	106.490	21.298	7.198E-08	6.267	1.253	1.467E-11	26.524	5.305	1.112E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
891	29.192	5.838	1.483E-09	31.703	6.341	1.899E-09	28.981	5.796	1.451E-09	109.923	21.985	7.917E-08	6.691	1.338	1.786E-11	45.256	9.051	5.525E-09	103.668	20.734	6.641E-08
892	163.310	32.662	2.596E-07	6.661	1.332	1.761E-11	97.582	19.516	5.539E-08	4.535	0.907	5.561E-12	105.616	21.123	7.022E-08	103.581	20.716	6.624E-08	58.620	11.724	1.201E-08
893	27.356	5.471	1.220E-09	10.064	2.013	6.077E-11	40.075	8.015	3.836E-09	13.680	2.736	1.526E-10	45.072	9.014	5.458E-09	-82.062	0.000	0.000E+00	29.876	5.975	1.589E-09
894	29.861	5.972	1.587E-09	27.368	5.474	1.222E-09	6.869	1.374	1.932E-11	32.747	6.549	2.093E-09	104.119	20.824	6.728E-08	9.602	1.920	5.276E-11	-3.236	0.000	0.000E+00
895	2.397	0.479	8.207E-13	29.678	5.936	1.558E-09	31.069	6.214	1.788E-09	17.902	3.580	3.420E-10	22.272	4.454	6.585E-10	74.824	14.965	2.497E-08	6.025	1.205	1.304E-11
896	105.353	21.071	6.970E-08	21.597	4.319	6.005E-10	32.003	6.401	1.954E-09	108.350	21.670	7.582E-08	6.645	1.329	1.749E-11	37.273	7.455	3.086E-09	-7.047	0.000	0.000E+00
897	99.044	19.809	5.791E-08	30.691	6.138	1.723E-09	101.852	20.370	6.298E-08	31.629	6.326	1.886E-09	5.093	1.019	7.874E-12	4.127	0.825	4.190E-12	57.413	11.483	1.128E-08
898	6.191	1.238	1.414E-11	26.026	5.205	1.051E-09	173.149	34.630	3.094E-07	108.025	21.605	7.514E-08	5.434	1.087	9.563E-12	-70.080	0.000	0.000E+00	5.627	1.125	1.062E-11
899	25.692	5.138	1.011E-09	8.128	1.626	3.200E-11	24.583	4.917	8.856E-10	68.750	13.750	1.937E-08	60.219	12.044	1.302E-08	14.805	2.961	1.934E-10	71.382	14.276	2.168E-08
900	3.039	0.608	1.674E-12	8.909	1.782	4.215E-11	3.622	0.724	2.833E-12	29.016	5.803	1.456E-09	22.017	4.403	6.361E-10	67.009	13.402	1.793E-08	39.931	7.986	3.795E-09
901	7.903	1.581	2.942E-11	-3.975	0.000	0.000E+00	30.204	6.041	1.642E-09	96.160	19.232	5.300E-08	31.663	6.333	1.892E-09	46.544	9.309	6.010E-09	22.454	4.491	6.748E-10
902	14.489	2.898	1.813E-10	-6.681	0.000	0.000E+00	-17.193	0.000	0.000E+00	27.473	5.495	1.236E-09	10.471	2.094	6.842E-11	12.469	2.494	1.156E-10	89.709	17.942	4.303E-08
903	42.165	8.433	4.468E-09	28.125	5.625	1.326E-09	4.399	0.880	5.075E-12	13.822	2.764	1.574E-10	36.656	7.331	2.936E-09	4.404	0.881	5.093E-12	19.825	3.965	4.645E-10
904	4.613	0.923	5.852E-12	107.524	21.505	7.410E-08	19.624	3.925	4.504E-10	87.049	17.410	3.932E-08	121.663	24.333	1.073E-07	8.199	1.640	3.286E-11	24.965	4.993	9.274E-10
905	6.895	1.379	1.954E-11	28.281	5.656	1.348E-09	115.451	23.090	9.172E-08	53.683	10.737	9.222E-09	5.622	1.124	1.059E-11	46.105	9.221	5.841E-09	108.450	21.690	7.603E-08
906	34.870	6.974	2.527E-09	99.307	19.861	5.838E-08	28.834	5.767	1.429E-09	10.791	2.158	7.491E-11	2.702	0.540	1.176E-12	13.688	2.738	1.529E-10	6.010	1.202	1.294E-11
907	-44.082	0.000	0.000E+00	17.720	3.544	3.317E-10	33.664	6.733	2.274E-09	52.155	10.431	8.456E-09	103.433	20.687	6.596E-08	102.912	20.582	6.497E-08	101.662	20.332	6.263E-08
908	61.045	12.209	1.356E-08	-3.381	0.000	0.000E+00	97.999	19.600	5.610E-08	91.121	18.224	4.510E-08	2.898	0.580	1.451E-12	49.917	9.983	7.414E-09	108.087	21.617	7.527E-08
909	13.497	2.699	1.466E-10	97.866	19.573	5.587E-08	-83.335	0.000	0.000E+00	114.282	22.856	8.897E-08	7.115	1.423	2.147E-11	65.894	13.179	1.705E-08	111.860	22.372	8.343E-08
910	31.962	6.392	1.946E-09	6.291	1.258	1.484E-11	-80.864	0.000	0.000E+00	104.667	20.933	6.835E-08	34.957	6.991	2.546E-09	91.411	18.282	4.553E-08	29.662	5.932	1.556E-09
911	22.622	4.524	6.901E-10	32.757	6.551	2.095E-09	9.478	1.896	5.075E-11	36.391	7.278	2.873E-09	6.667	1.333	1.766E-11	6.069	1.214	1.332E-11	67.725	13.545	1.852E-08
912	-5.918	0.000	0.000E+00	6.236	1.247	1.445E-11	64.777	12.955	1.620E-08	106.821	21.364	7.265E-08	79.034	15.807	2.943E-08	67.806	13.561	1.858E-08	34.079	6.816	2.359E-09
913	62.944	12.589	1.486E-08	34.533	6.907	2.455E-09	31.001	6.200	1.776E-09	34.907	6.981	2.535E-09	-1.408	0.000	0.000E+00	97.677	19.535	5.555E-08	107.259	21.452	7.355E-08
914	32.251	6.450	1.999E-09	9.984	1.997	5.932E-11	7.558	1.512	2.574E-11	7.216	1.443	2.240E-11				15.369	3.074	2.164E-10	-106.224	0.000	0.000E+00
915	82.824	16.565	3.387E-08	33.782	6.756	2.298E-09	5.849	1.170	1.193E-11	93.367	18.673	4.851E-08				114.441	22.888	8.934E-08	87.258	17.452	3.960E-08
916	14.336	2.867	1.756E-10	7.969	1.594	3.017E-11	15.762	3.152	2.334E-10	27.364	5.473	1.221E-09				2.802	0.560	1.311E-12	76.469	15.294	2.665E-08
917	9.929	1.986	5.834E-11	21.023	4.205	5.538E-10	30.065	6.013	1.620E-09	3.629	0.726	2.848E-12				106.659	21.332	7.232E-08	96.179	19.236	5.303E-08
918	69.735	13.947	2.021E-08	4.261	0.852	4.611E-12	107.740	21.548	7.455E-08	64.304	12.861	1.585E-08				67.132	13.426	1.803E-08	10.581	2.116	7.061E-11
919	21.922	4.384	6.279E-10	22.091	4.418	6.426E-10	25.780	5.156	1.021E-09	107.334	21.467	7.371E-08				55.885	11.177	1.040E-08	6.334	1.267	1.515E-11
920	172.686	34.537	3.069E-07	27.980	5.596	1.306E-09	117.082	23.416	9.567E-08	62.578	12.516	1.461E-08				34.600	6.920	2.469E-09	107.499	21.500	7.405E-08
921	113.993	22.799	8.829E-08	35.832	7.166	2.742E-09	22.679	4.536	6.953E-10	56.303	11.261	1.064E-08				102.131	20.426	6.350E-08	92.171	18.434	4.667E-08
922	111.396	22.279	8.239E-08	-29.277	0.000	0.000E+00	33.235	6.647	2.188E-09	78.100	15.620	2.839E-08				110.447	22.089	8.031E-08	97.878	19.576	5.589E-08
923	34.820	6.964	2.516E-09	33.500	6.700	2.241E-09	90.647	18.129	4.440E-08	53.791	10.758	9.277E-09				98.203	19.641	5.645E-08	20.563	4.113	5.182E-10
924	8.268	1.654	3.368E-11	12.045	2.409	1.042E-10	4.436	0.887	5.203E-12	82.424	16.485	3.338E-08				107.303	21.461	7.364E-08	92.423	18.485	4.706E-08
925	57.230	11.446	1.117E-08	5.372	1.074	9.240E-12	108.271	21.654	7.565E-08	54.447	10.889	9.621E-09				103.537	20.707	6.616E-08	54.003	10.801	9.387E-09
926	77.774	15.555	2.804E-08	6.140	1.228	1.380E-11	102.067	20.413	6.338E-08	32.882	6.576	2.119E-09				20.986	4.197	5.509E-10	14.272	2.854	1.733E-10
927	-4.821	0.000	0.000E+00	30.951	6.190	1.767E-09	7.113	1.423	2.145E-11	27.160	5.432	1.194E-09				105.731	21.146	7.045E-08	111.759	22.352	8.320E-08
928	21.265	4.253	5.731E-10	36.882	7.376	2.990E-09	28.169	5.634	1.332E-09	118.202	23.640	9.844E-08				77.281	15.456	2.751E-08	65.906	13.181	7.016E-08
929	-83.839	0.000	0.000E+00	27.121	5.424	1.189E-09	29.960	5.992	1.603E-09	96.384	19.277	5.337E-08				48.258	9.652	6.699E-09	62.271	12.454	1.439E-08
930	22.985	4.597	7.238E-10	24.941	4.988	9.247E-10	-42.125	0.000	0.000E+00	62.007	12.401	1.421E-08				13.295	2.659	1.401E-10	70.865	14.173	2.121E-08
931	7.452	1.490	2.467E-11	96.961	19.392	5.433E-08	23.903	4.781	8.140E-10	7.578	1.516	2.594E-11				75.873	15.175	2.603E-08	64.767	12.953	1.619E-08
932	107.118	21.424	7.326E-08	8.235	1.647	3.329E-11	34.767	6.953	2.505E-09	7.485	1.497	2.499E-11				5.435	1.087	9.571E-12	105.583	21.117	7.016E-08
933	126.944	25.389	1.219E-07	6.798	1.360	1.873E-11	21.573	4.315	5.984E-10	123.187	24.637	1.114E-07				76.586	15.317	2.678E-08	-42.578	0.000	0.000E+00
934	115.141	23.028	9.099E-08	7.389	1.478	2.404E-11	34.285	6.857	2.402E-09	28.359	5.672	1.359E-09				35.506	7.101	2.668E-09	100.691	20.138	6.085E-08
935	26.257	5.251	1.079E-09	7.966	1.593	3.014E-11	181.920	36.384	3.589E-07	-4.774	0.000	0.000E+00				71.811	14.362	2.207E-08	81.839	16.368	3.267E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
936	100.159	20.032	5.989E-08	10.988	2.198	7.907E-11	68.468	13.694	1.913E-08	91.754	18.351	4.604E-08				108.960	21.792	7.711E-08	65.037	13.007	1.640E-08
937	-81.736	0.000	0.000E+00	30.887	6.177	1.756E-09	97.608	19.522	5.543E-08	8.437	1.687	3.580E-11				67.538	13.508	1.836E-08	103.124	20.625	6.537E-08
938	112.864	22.573	8.569E-08	-3.919	0.000	0.000E+00	5.256	1.051	8.655E-12	32.174	6.435	1.985E-09				105.520	21.104	7.003E-08	110.813	22.163	8.111E-08
939	86.652	17.330	3.878E-08	-3.498	0.000	0.000E+00	5.529	1.106	1.008E-11	25.429	5.086	9.801E-10				-89.800	0.000	0.000E+00	31.986	6.397	1.951E-09
940	88.633	17.727	4.150E-08	21.914	4.383	6.273E-10	29.419	5.884	1.518E-09	61.862	12.372	1.411E-08				-19.323	0.000	0.000E+00	5.107	1.021	7.940E-12
941	100.004	20.001	5.961E-08	28.639	5.728	1.400E-09	67.792	13.558	1.857E-08	9.102	1.820	4.495E-11				106.090	21.218	7.117E-08	4.314	0.863	4.786E-12
942	8.354	1.671	3.475E-11	31.466	6.293	1.857E-09	12.614	2.523	1.196E-10	34.089	6.818	2.361E-09				-2.697	0.000	0.000E+00	6.339	1.268	1.518E-11
943	66.559	13.312	1.758E-08	27.625	5.525	1.257E-09	97.358	19.472	5.500E-08	6.161	1.232	1.394E-11				6.258	1.252	1.461E-11	98.764	19.753	5.742E-08
944	81.174	16.235	3.188E-08	24.010	4.802	8.250E-10	5.426	1.085	9.523E-12	-3.100	0.000	0.000E+00				101.573	20.315	6.246E-08	57.025	11.405	1.105E-08
945	97.968	19.594	5.605E-08	5.144	1.029	8.116E-12	67.328	13.466	1.819E-08	69.968	13.994	2.042E-08				-74.146	0.000	0.000E+00	9.910	1.982	5.802E-11
946	61.656	12.331	1.397E-08	12.675	2.535	1.214E-10	-69.968	0.000	0.000E+00	93.773	18.755	4.915E-08				22.526	4.505	6.813E-10	2.833	0.567	1.355E-12
947	35.788	7.158	2.732E-09	-5.018	0.000	0.000E+00	6.464	1.293	1.610E-11	64.558	12.912	1.604E-08				60.294	12.059	1.307E-08	17.501	3.500	3.195E-10
948	103.728	20.746	6.652E-08	107.462	21.492	7.397E-08	119.736	23.947	1.023E-07	-4.681	0.000	0.000E+00				61.867	12.373	1.411E-08	38.624	7.725	3.434E-09
949	27.498	5.500	1.239E-09	14.979	2.996	2.003E-10	53.976	10.795	9.373E-09	84.157	16.831	3.553E-08				67.581	13.516	1.840E-08	26.953	5.391	1.167E-09
950	102.515	20.503	6.422E-08	28.042	5.608	1.314E-09	63.889	12.778	1.554E-08	-3.706	0.000	0.000E+00				94.045	18.809	4.958E-08	6.078	1.216	1.338E-11
951	86.551	17.310	3.865E-08	11.271	2.254	8.535E-11	91.316	18.263	4.539E-08	-4.881	0.000	0.000E+00				6.448	1.290	1.598E-11	98.917	19.783	5.769E-08
952	36.620	7.324	2.927E-09	5.529	1.106	1.008E-11	-2.726	0.000	0.000E+00	78.079	15.616	2.837E-08				33.616	6.723	2.264E-09	9.687	1.937	5.418E-11
953	-4.056	0.000	0.000E+00	16.909	3.382	2.882E-10	28.184	5.637	1.334E-09	27.494	5.499	1.239E-09				80.556	16.111	3.116E-08	31.868	6.374	1.929E-09
954	3.552	0.710	2.672E-12	25.361	5.072	9.723E-10	61.345	12.269	1.376E-08	96.550	19.310	5.365E-08				81.100	16.220	3.179E-08	101.486	20.297	6.230E-08
955	7.292	1.458	2.311E-11	8.712	1.742	3.941E-11	63.516	12.703	1.527E-08	103.581	20.716	6.624E-08				87.150	17.430	3.945E-08	85.228	17.046	3.690E-08
956	5.295	1.059	8.848E-12	18.832	3.766	3.981E-10	-32.259	0.000	0.000E+00	82.660	16.532	3.367E-08				89.870	17.974	4.326E-08	2.780	0.556	1.281E-12
957	20.704	4.141	5.290E-10	24.772	4.954	9.061E-10	91.322	18.264	4.540E-08	68.220	13.644	1.892E-08				78.190	15.638	2.849E-08	102.594	20.519	6.437E-08
958	8.708	1.742	3.936E-11	63.329	12.666	1.514E-08	30.314	6.063	1.660E-09	93.929	18.786	4.940E-08				106.811	21.362	7.263E-08	4.632	0.926	5.926E-12
959	114.099	22.820	8.854E-08	36.422	7.284	2.880E-09	105.526	21.105	7.004E-08	27.165	5.433	1.195E-09				73.023	14.605	2.321E-08	38.902	7.780	3.509E-09
960	4.853	0.971	6.814E-12	9.789	1.958	5.592E-11	109.702	21.940	7.869E-08	10.901	2.180	7.721E-11				3.370	0.674	2.282E-12	9.469	1.894	5.061E-11
961	75.893	15.179	2.606E-08	30.890	6.178	1.757E-09	164.942	32.988	2.675E-07	24.667	4.933	8.946E-10				32.641	6.528	2.073E-09	79.479	15.896	2.993E-08
962	82.819	16.564	3.386E-08	59.842	11.968	1.277E-08	57.603	11.521	1.139E-08	113.472	22.694	8.709E-08				26.308	5.262	1.085E-09	95.993	19.199	5.272E-08
963	109.629	21.926	7.854E-08	112.641	22.528	8.519E-08	73.585	14.717	2.375E-08	111.670	22.334	8.300E-08				102.725	20.545	6.461E-08	101.213	20.243	6.180E-08
964	112.602	22.520	8.510E-08	4.161	0.832	4.294E-12	-93.444	0.000	0.000E+00	34.353	6.871	2.416E-09				107.914	21.583	7.491E-08	8.946	1.789	4.268E-11
965	101.344	20.269	6.204E-08	9.143	1.829	4.555E-11	95.076	19.015	5.123E-08	23.305	4.661	7.544E-10				115.499	23.100	9.184E-08	5.078	1.016	7.803E-12
966	110.770	22.154	8.101E-08	5.300	1.060	8.872E-12	39.097	7.819	3.562E-09	34.489	6.898	2.445E-09				11.781	2.356	9.745E-11	7.991	1.598	3.041E-11
967	6.779	1.356	1.857E-11	36.392	7.278	2.873E-09	58.305	11.661	1.181E-08	97.445	19.489	5.515E-08				18.167	3.633	3.574E-10	9.992	1.998	5.947E-11
968	23.937	4.787	8.175E-10	6.023	1.205	1.303E-11	60.409	12.082	1.314E-08	36.347	7.269	2.862E-09				40.126	8.025	3.851E-09	96.663	19.333	5.384E-08
969	96.005	19.201	5.274E-08	30.054	6.011	1.618E-09	103.247	20.649	6.560E-08	73.623	14.725	2.379E-08				35.090	7.018	2.575E-09	101.442	20.288	6.222E-08
970	8.109	1.622	3.178E-11	10.981	2.196	7.892E-11	34.390	6.878	2.424E-09	119.912	23.982	1.028E-07				36.637	7.327	2.931E-09	60.952	12.190	1.350E-08
971	41.180	8.236	4.163E-09	29.527	5.905	1.534E-09	67.932	13.586	1.869E-08	87.010	17.402	3.926E-08				-3.590	0.000	0.000E+00	85.077	17.015	3.671E-08
972	102.652	20.530	6.448E-08	33.980	6.796	2.339E-09	83.092	16.618	3.420E-08	89.109	17.822	4.218E-08				62.117	12.423	1.429E-08	111.853	22.371	8.341E-08
973	4.093	0.819	4.089E-12	7.678	1.536	2.697E-11	36.042	7.208	2.791E-09	24.392	4.878	8.650E-10				72.033	14.407	2.228E-08	5.527	1.105	1.006E-11
974	107.319	21.464	7.368E-08	102.906	20.581	6.496E-08	7.452	1.490	2.467E-11	36.539	7.308	2.908E-09				45.764	9.153	5.713E-09	38.175	7.635	3.316E-09
975	7.473	1.495	2.488E-11	5.467	1.093	9.742E-12	174.641	34.928	3.175E-07	108.329	21.666	7.578E-08				86.113	17.223	3.806E-08	34.663	6.933	2.483E-09
976	98.816	19.763	5.751E-08	113.459	22.692	8.706E-08	41.458	8.292	4.247E-09	6.410	1.282	1.570E-11				30.365	6.073	1.669E-09	30.922	6.184	1.762E-09
977	94.740	18.948	5.069E-08	77.622	15.524	2.788E-08	62.715	12.543	1.470E-08	29.958	5.992	1.603E-09				5.121	1.024	8.007E-12	96.806	19.361	5.407E-08
978	13.690	2.738	1.529E-10	23.677	4.735	7.911E-10	7.612	1.522	2.629E-11	103.964	20.793	6.698E-08				5.371	1.074	9.237E-12	37.328	7.466	3.100E-09
979	5.500	1.100	9.916E-12	55.073	11.015	9.956E-09	74.523	14.905	2.467E-08	68.275	13.655	1.897E-08				27.557	5.511	1.247E-09	5.523	1.105	1.004E-11
980	93.282	18.656	4.838E-08	108.260	21.652	7.563E-08	18.459	3.692	3.749E-10	7.618	1.524	2.635E-11				103.922	20.784	6.690E-08	69.236	13.847	1.978E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E')	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
981	73.551	14.710	2.372E-08	-60.921	0.000	0.000E+00	68.648	13.730	1.928E-08	21.912	4.382	6.271E-10				68.580	13.716	1.923E-08	36.638	7.328	2.931E-09
982	49.070	9.814	7.043E-09	105.676	21.135	7.034E-08	60.004	12.001	1.288E-08	71.330	14.266	2.163E-08				4.372	0.874	4.980E-12	83.281	16.656	3.443E-08
983	8.134	1.627	3.208E-11	102.228	20.446	6.368E-08	54.368	10.874	9.579E-09	108.840	21.768	7.685E-08				91.129	18.226	4.511E-08	21.911	4.382	6.271E-10
984	105.893	21.179	7.078E-08	94.737	18.947	5.068E-08	70.184	14.037	2.061E-08	6.207	1.241	1.426E-11				101.015	20.203	6.144E-08	3.082	0.616	1.745E-12
985	-107.127	0.000	0.000E+00	89.999	18.000	4.345E-08	25.829	5.166	1.027E-09	30.821	6.164	1.745E-09				88.865	17.773	4.183E-08	72.260	14.452	2.249E-08
986	101.692	20.338	6.268E-08	74.483	14.897	2.463E-08	58.085	11.617	1.168E-08	54.720	10.944	9.766E-09				3.132	0.626	1.830E-12	67.135	13.427	1.804E-08
987	106.303	21.261	7.160E-08	-103.511	0.000	0.000E+00	63.272	12.654	1.510E-08	87.627	17.525	4.011E-08				5.395	1.079	9.361E-12	32.057	6.411	1.964E-09
988	4.248	0.850	4.568E-12	5.032	1.006	7.595E-12	104.760	20.952	6.853E-08	97.981	19.596	5.607E-08				7.982	1.596	3.031E-11	18.825	3.765	3.976E-10
989	103.350	20.670	6.580E-08	106.181	21.236	7.136E-08	83.854	16.771	3.515E-08	37.176	7.435	3.063E-09				94.432	18.886	5.019E-08	35.283	7.057	2.618E-09
990	110.815	22.163	8.111E-08	50.603	10.121	7.724E-09	101.067	20.213	6.153E-08	44.986	8.997	5.426E-09				86.302	17.260	3.831E-08	3.578	0.716	2.730E-12
991	71.138	14.228	2.146E-08	101.744	20.349	6.278E-08	63.827	12.765	1.550E-08	43.543	8.709	4.921E-09				19.746	3.949	4.589E-10	44.777	8.955	5.351E-09
992	107.110	21.422	7.325E-08	91.618	18.324	4.584E-08	-38.771	0.000	0.000E+00	54.344	10.869	9.566E-09				61.031	12.206	1.355E-08	2.465	0.493	8.923E-13
993	91.410	18.282	4.553E-08	30.263	6.053	1.652E-09	99.950	19.990	5.952E-08	101.730	20.346	6.275E-08				91.352	18.270	4.544E-08	26.641	5.328	1.127E-09
994	97.645	19.529	5.549E-08	5.814	1.163	1.171E-11	5.481	1.096	9.812E-12	82.233	16.447	3.315E-08				-17.479	0.000	0.000E+00	56.458	11.292	1.073E-08
995	10.010	2.002	5.979E-11	37.455	7.491	3.132E-09	9.151	1.830	4.568E-11	5.394	1.079	9.355E-12				58.324	11.665	1.183E-08	3.227	0.645	2.004E-12
996	18.490	3.698	3.768E-10	58.857	11.771	1.215E-08	26.409	5.282	1.098E-09	22.602	4.520	6.882E-10				2.907	0.581	1.465E-12	6.815	1.363	1.887E-11
997	107.322	21.464	7.368E-08	106.281	21.256	7.156E-08	93.868	18.774	4.930E-08	32.829	6.566	2.109E-09				6.316	1.263	1.502E-11	93.894	18.779	4.934E-08
998	23.983	4.797	8.222E-10	32.636	6.527	2.072E-09	86.931	17.386	3.916E-08	22.972	4.594	7.226E-10				105.189	21.038	6.937E-08	10.956	2.191	7.839E-11
999	116.373	23.275	9.394E-08	32.717	6.543	2.088E-09	106.431	21.286	7.186E-08	33.958	6.792	2.334E-09				105.313	21.063	6.962E-08	90.415	18.083	4.406E-08
1000	94.286	18.857	4.996E-08	5.239	1.048	8.573E-12	53.428	10.686	9.091E-09	88.742	17.748	4.166E-08				5.195	1.039	8.355E-12	105.405	21.081	6.980E-08
1001	6.395	1.279	1.559E-11	10.175	2.035	6.279E-11	83.151	16.630	3.427E-08	104.299	20.860	6.763E-08				13.083	2.617	1.335E-10	98.880	19.776	5.763E-08
1002	96.330	19.266	5.328E-08	31.588	6.318	1.879E-09	56.396	11.279	1.069E-08	34.239	6.848	2.392E-09				109.110	21.822	7.743E-08	85.002	17.000	3.661E-08
1003	4.381	0.876	5.012E-12	72.643	14.529	2.285E-08	93.413	18.683	4.859E-08	92.674	18.535	4.744E-08				8.210	1.642	3.299E-11	24.295	4.859	8.548E-10
1004	103.241	20.648	6.559E-08	28.677	5.735	1.406E-09	57.504	11.501	1.133E-08	24.555	4.911	8.825E-10				30.242	6.048	1.649E-09	92.147	18.429	4.664E-08
1005	83.294	16.659	3.445E-08	115.113	23.023	9.092E-08	34.437	6.887	2.434E-09	84.982	16.996	3.658E-08				84.671	16.934	3.618E-08	106.081	21.216	7.115E-08
1006	11.085	2.217	8.120E-11	95.266	19.053	5.154E-08	-16.520	0.000	0.000E+00	30.107	6.021	1.627E-09				37.125	7.425	3.050E-09	29.639	5.928	1.552E-09
1007	92.985	18.597	4.792E-08	22.963	4.593	7.217E-10	9.565	1.913	5.216E-11	10.960	2.192	7.848E-11				6.570	1.314	1.690E-11	101.317	20.263	6.199E-08
1008	27.830	5.566	1.285E-09	89.473	17.895	4.269E-08	19.297	3.859	4.283E-10	3.332	0.666	2.206E-12				4.486	0.897	5.381E-12	106.770	21.354	7.255E-08
1009	53.335	10.667	9.043E-09	10.830	2.166	7.571E-11	4.506	0.901	5.454E-12	108.457	21.691	7.604E-08				7.207	1.441	2.231E-11	82.529	16.506	3.351E-08
1010	99.280	19.856	5.833E-08	64.360	12.872	1.589E-08	-79.249	0.000	0.000E+00	18.710	3.742	3.904E-10				60.991	12.198	1.352E-08	103.025	20.605	6.518E-08
1011	109.746	21.949	7.879E-08	156.036	31.207	2.264E-07	102.747	20.549	6.465E-08	7.842	1.568	2.875E-11				20.123	4.025	4.857E-10	28.398	5.680	1.365E-09
1012	32.618	6.524	2.068E-09	103.989	20.798	6.703E-08	5.269	1.054	8.717E-12	5.825	1.165	1.178E-11				167.491	33.498	2.801E-07	74.406	14.881	2.455E-08
1013	99.481	19.896	5.868E-08	95.256	19.051	5.152E-08	20.981	4.196	5.505E-10	89.184	17.837	4.228E-08				113.010	22.602	8.603E-08	90.329	18.066	4.393E-08
1014	90.677	18.135	4.444E-08	89.643	17.929	4.294E-08	33.204	6.641	2.182E-09	30.191	6.038	1.640E-09				-2.173	0.000	0.000E+00	22.930	4.586	7.186E-10
1015	8.117	1.623	3.187E-11	-133.319	0.000	0.000E+00	33.236	6.647	2.188E-09	77.770	15.554	2.804E-08				4.552	0.910	5.623E-12	102.097	20.419	6.343E-08
1016	94.694	18.939	5.061E-08	13.648	2.730	1.515E-10	6.761	1.352	1.842E-11	75.618	15.124	2.577E-08				85.258	17.052	3.694E-08	22.562	4.512	6.846E-10
1017	-3.053	0.000	0.000E+00	109.609	21.922	7.849E-08	5.012	1.002	7.506E-12	27.739	5.548	1.272E-09				3.638	0.728	2.870E-12	27.861	5.572	1.289E-09
1018	20.829	4.166	5.387E-10	81.676	16.335	3.248E-08	3.616	0.723	2.818E-12	52.096	10.419	8.428E-09				93.153	18.631	4.818E-08	96.836	19.367	5.412E-08
1019	21.903	4.381	6.263E-10	104.332	20.866	6.769E-08	25.492	5.098	9.874E-10	30.991	6.198	1.774E-09				13.806	2.761	1.569E-10	25.788	5.158	1.022E-09
1020	5.273	1.055	8.739E-12	56.667	11.333	1.085E-08	104.419	20.884	6.786E-08	9.640	1.928	5.339E-11				104.309	20.862	6.765E-08	3.702	0.740	3.024E-12
1021	77.635	15.527	2.789E-08	101.412	20.282	6.217E-08	16.249	3.250	2.557E-10	30.767	6.153	1.736E-09				28.593	5.719	1.393E-09	84.918	16.984	3.650E-08
1022	6.353	1.271	1.528E-11	76.364	15.273	2.654E-08	-74.280	0.000	0.000E+00	8.256	1.651	3.355E-11				93.515	18.703	4.875E-08	5.340	1.068	9.077E-12
1023	26.456	5.291	1.104E-09	60.991	12.198	1.352E-08	29.006	5.801	1.455E-09	90.991	18.198	4.490E-08				5.944	1.189	1.251E-11	98.747	19.749	5.739E-08
1024	12.825	2.565	1.257E-10	79.359	15.872	2.979E-08	16.857	3.371	2.855E-10	-42.587	0.000	0.000E+00				59.585	11.917	1.261E-08	5.837	1.167	1.186E-11
1025	31.109	6.222	1.795E-09	32.635	6.527	2.072E-09	31.571	6.314	1.876E-09	35.878	7.176	2.753E-09				42.676	8.535	4.633E-09	5.258	1.052	8.663E-12

Data: Flyover 3 - Span 7 (34.40 m) - IG-01																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E')	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG01	200000	11.1278	SG01			SG01			SG01			SG01			SG01			SG01		
1026	43.588	8.718	4.936E-09	8.312	1.662	3.423E-11	103.116	20.623	6.535E-08	14.481	2.896	1.810E-10				113.133	22.627	8.631E-08	21.515	4.303	5.936E-10
1027	105.898	21.180	7.079E-08	99.029	19.806	5.789E-08	79.789	15.958	3.028E-08	3.741	0.748	3.121E-12				-24.767	0.000	0.000E+00	7.044	1.409	2.083E-11
1028	108.119	21.624	7.534E-08	3.057	0.611	1.703E-12	84.840	16.968	3.640E-08	3.789	0.758	3.242E-12				67.491	13.498	1.832E-08	105.713	21.143	7.042E-08
1029	98.755	19.751	5.741E-08	8.294	1.659	3.401E-11	84.248	16.850	3.564E-08	86.859	17.372	3.906E-08				20.922	4.184	5.459E-10	102.365	20.473	6.394E-08
1030	-4.156	0.000	0.000E+00	110.291	22.058	7.997E-08	14.068	2.814	1.660E-10	34.211	6.842	2.387E-09				111.360	22.272	8.231E-08	31.372	6.274	1.840E-09
1031	7.801	1.560	2.829E-11	3.552	0.710	2.670E-12	93.943	18.789	4.942E-08	91.123	18.225	4.510E-08							82.045	16.409	3.292E-08
1032	63.518	12.704	1.528E-08	96.363	19.273	5.334E-08	31.209	6.242	1.812E-09	107.431	21.486	7.391E-08									
1033	26.747	5.349	1.141E-09	98.259	19.652	5.655E-08	92.549	18.510	4.725E-08	26.908	5.382	1.161E-09									
1034	18.188	3.638	3.586E-10	113.838	22.768	8.793E-08	30.611	6.122	1.710E-09	63.975	12.795	1.561E-08									
1035	22.494	4.499	6.784E-10	50.760	10.152	7.796E-09	7.182	1.436	2.208E-11	107.713	21.543	7.449E-08									
1036	53.002	10.600	8.875E-09	88.292	17.658	4.103E-08	7.316	1.463	2.334E-11	-2.367	0.000	0.000E+00									
1037	24.390	4.878	8.648E-10	52.787	10.557	8.768E-09	103.679	20.736	6.643E-08	105.849	21.170	7.069E-08									
1038	85.889	17.178	3.777E-08	58.779	11.756	1.210E-08	-67.524	0.000	0.000E+00	7.062	1.412	2.099E-11									
1039	58.757	11.751	1.209E-08	111.256	22.251	8.208E-08	74.646	14.929	2.479E-08												
1040	34.245	6.849	2.394E-09	80.099	16.020	3.063E-08	44.222	8.844	5.155E-09												
1041	15.269	3.054	2.122E-10	72.652	14.530	2.286E-08	29.213	5.843	1.486E-09												
1042	4.609	0.922	5.836E-12	99.010	19.802	5.785E-08	56.655	11.331	1.084E-08												
1043	44.731	8.946	5.335E-09	53.660	10.732	9.210E-09	34.083	6.817	2.360E-09												
1044	29.329	5.866	1.504E-09	112.834	22.567	8.563E-08	19.609	3.922	4.494E-10												
1045	3.683	0.737	2.977E-12	-4.153	0.000	0.000E+00	4.456	0.891	5.274E-12												
1046	26.946	5.389	1.166E-09	24.558	4.912	8.828E-10	27.611	5.522	1.255E-09												
1047	111.489	22.298	8.260E-08	98.234	19.647	5.650E-08	37.966	7.593	3.262E-09												
1048	109.569	21.914	7.841E-08	10.500	2.100	6.899E-11	99.536	19.907	5.878E-08												
1049	66.282	13.256	1.736E-08	38.621	7.724	3.434E-09	20.668	4.134	5.263E-10												
1050	65.786	13.157	1.697E-08	102.992	20.598	6.512E-08	31.853	6.371	1.926E-09												
1051	4.834	0.967	6.733E-12	4.223	0.845	4.490E-12	49.061	9.812	7.039E-09												
1052				76.444	15.289	2.663E-08	71.983	14.397	2.223E-08												
1053				4.543	0.909	5.588E-12	4.417	0.883	5.137E-12												
1054				16.681	3.336	2.767E-10	45.612	9.122	5.656E-09												
1055				98.752	19.750	5.740E-08	25.381	5.076	9.745E-10												
1056				93.486	18.697	4.870E-08	111.250	22.250	8.207E-08												
1057				148.747	29.749	1.962E-07	22.280	4.456	6.593E-10												
1058				55.842	11.168	1.038E-08	24.398	4.880	8.656E-10												
1059				85.860	17.172	3.773E-08	18.393	3.679	3.709E-10												
1060				5.509	1.102	9.968E-12	31.591	6.318	1.879E-09												
1061				5.833	1.167	1.183E-11	-40.805	0.000	0.000E+00												
1062				88.919	17.784	4.191E-08	31.628	6.326	1.886E-09												
1063				89.645	17.929	4.294E-08	23.286	4.657	7.526E-10												
1064				88.165	17.633	4.085E-08	103.820	20.764	6.670E-08												
1065				4.605	0.921	5.821E-12	3.230	0.646	2.008E-12												
1066				53.002	10.600	8.875E-09	2.924	0.585	1.490E-12												
1067				20.621	4.124	5.226E-10	86.941	17.388	3.917E-08												
1068				6.084	1.217	1.342E-11	18.620	3.724	3.848E-10												
1069				33.313	6.663	2.204E-09	8.240	1.648	3.335E-11												
1070				56.481	11.296	1.074E-08															

[illegible]

Flyover 3 - Span 7 (34.40 m) - IG-02
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4		Day 5		Day 6		Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
Max.	53.972	5.180E-07		39.962	2.103E-07		49.741	4.055E-07		55.492	5.630E-07	51.630	4.534E-07	50.515	4.247E-07	52.822	4.856E-07
Cum.	-	1.366E-05		-	1.080E-05		-	1.208E-05		-	1.535E-05	-	1.383E-05	-	1.142E-05	-	1.174E-05

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
1	142.330	28.466	7.599E-08	25.692	5.138	4.470E-10	139.707	27.941	7.187E-08	24.006	4.801	3.646E-10	151.966	30.393	9.250E-08	11.971	2.394	4.522E-11	50.912	10.182	3.478E-09
2	16.011	3.202	1.082E-10	21.736	4.347	2.707E-10	68.978	13.796	8.650E-09	121.741	24.348	4.756E-08	68.101	13.620	8.324E-09	21.613	4.323	2.661E-10	14.658	2.932	8.301E-11
3	10.044	2.009	2.671E-11	29.389	5.878	6.690E-10	124.642	24.928	5.104E-08	116.286	23.257	4.145E-08	125.503	25.101	5.210E-08	28.749	5.750	6.262E-10	102.256	20.451	2.818E-08
4	240.721	48.144	3.676E-07	115.113	23.023	4.020E-08	140.441	28.088	7.301E-08	120.827	24.165	4.649E-08	44.758	8.952	2.363E-09	19.070	3.814	1.828E-10	137.183	27.437	6.804E-08
5	110.834	22.167	3.588E-08	117.945	23.589	4.324E-08	141.092	28.218	7.403E-08	13.042	2.608	5.847E-11	93.044	18.609	2.123E-08	128.745	25.749	5.624E-08	18.416	3.683	1.646E-10
6	-20.270	0.000	0.000E+00	113.942	22.788	3.899E-08	114.122	22.824	3.917E-08	112.020	22.404	3.705E-08	26.622	5.324	4.973E-10	14.159	2.832	7.481E-11	16.047	3.209	1.089E-10
7	71.639	14.328	9.691E-09	24.707	4.941	3.975E-10	106.165	21.233	3.154E-08	38.337	7.667	1.485E-09	13.271	2.654	6.161E-11	130.216	26.043	5.820E-08	115.976	23.195	4.111E-08
8	81.193	16.239	1.411E-08	130.140	26.028	5.809E-08	10.875	2.175	3.390E-11	131.089	26.218	5.937E-08	43.306	8.661	2.141E-09	13.953	2.791	7.159E-11	12.738	2.548	5.447E-11
9	53.123	10.625	3.951E-09	135.366	27.073	6.538E-08	130.611	26.122	5.873E-08	43.588	8.718	2.183E-09	87.524	17.505	1.767E-08	32.584	6.517	9.118E-10	148.782	29.756	8.680E-08
10	115.265	23.053	4.036E-08	134.618	26.924	6.430E-08	7.916	1.583	1.307E-11	12.760	2.552	5.475E-11	35.934	7.187	1.223E-09	10.296	2.059	2.877E-11	151.158	30.232	9.103E-08
11	122.956	24.591	4.899E-08	33.067	6.613	9.530E-10	95.799	19.160	2.317E-08	117.906	23.581	4.320E-08	46.546	9.309	2.658E-09	45.495	9.099	2.482E-09	9.998	2.000	2.634E-11
12	134.618	26.924	6.430E-08	83.945	16.789	1.559E-08	19.851	3.970	2.062E-10	137.236	27.447	6.812E-08	73.909	14.782	1.064E-08	133.715	26.743	6.301E-08	14.612	2.922	8.223E-11
13	84.327	16.865	1.580E-08	110.558	22.112	3.562E-08	149.356	29.871	8.781E-08	143.247	28.649	7.747E-08	88.432	17.686	1.823E-08	41.527	8.305	1.887E-09	33.955	6.791	1.032E-09
14	34.278	6.856	1.062E-09	44.136	8.827	2.266E-09	112.494	22.499	3.752E-08	66.943	13.389	7.907E-09	22.176	4.435	2.875E-10	144.304	28.861	7.920E-08	34.139	6.828	1.049E-09
15	135.857	27.171	6.609E-08	12.517	2.503	5.169E-11	140.319	28.064	7.282E-08	141.001	28.200	7.388E-08	124.492	24.898	5.085E-08	135.322	27.064	6.531E-08	48.530	9.706	3.012E-09
16	27.639	5.528	5.565E-10	31.846	6.369	8.512E-10	37.786	7.557	1.422E-09	85.144	17.029	1.627E-08	81.044	16.209	1.403E-08	136.637	27.327	6.724E-08	13.316	2.663	6.223E-11
17	46.071	9.214	2.577E-09	30.246	6.049	7.293E-10	37.808	7.562	1.424E-09	148.311	29.662	8.598E-08	27.225	5.445	5.318E-10	30.124	6.025	7.205E-10	26.128	5.226	4.701E-10
18	32.048	6.410	8.676E-10	84.567	16.913	1.594E-08	142.541	28.508	7.633E-08	39.917	7.983	1.676E-09	14.924	2.985	8.761E-11	54.330	10.866	4.227E-09	139.654	27.931	7.179E-08
19	269.858	53.972	5.180E-07	40.481	8.096	1.748E-09	30.412	6.082	7.414E-10	43.181	8.636	2.122E-09	12.372	2.474	4.992E-11	90.771	18.154	1.971E-08	136.217	27.243	6.662E-08
20	154.953	30.991	9.806E-08	8.260	1.652	1.485E-11	9.956	1.991	2.601E-11	137.334	27.467	6.827E-08	131.991	26.398	6.061E-08	138.149	27.630	6.949E-08	82.139	16.428	1.461E-08
21	102.060	20.412	2.802E-08	118.705	23.741	4.409E-08	45.983	9.197	2.563E-09	162.269	32.454	1.126E-07	112.907	22.581	3.794E-08	6.570	1.314	7.475E-12	-106.496	0.000	0.000E+00
22	93.185	18.637	2.133E-08	31.954	6.391	8.599E-10	84.369	16.874	1.583E-08	40.965	8.193	1.812E-09	110.279	22.056	3.535E-08	134.157	26.831	6.364E-08	76.251	15.250	1.168E-08
23	35.769	7.154	1.206E-09	132.999	26.600	6.201E-08	80.802	16.160	1.390E-08	14.678	2.936	8.335E-11	86.037	17.207	1.679E-08	14.227	2.845	7.590E-11	123.629	24.726	4.980E-08
24	132.521	26.504	6.134E-08	85.689	17.138	1.658E-08	148.514	29.703	8.634E-08	74.977	14.995	1.111E-08	112.082	22.416	3.711E-08	14.734	2.947	8.430E-11	30.037	6.007	7.142E-10
25	15.717	3.143	1.023E-10	15.210	3.042	9.274E-11	39.081	7.816	1.573E-09	11.749	2.350	4.275E-11	139.027	27.805	7.082E-08	146.152	29.230	8.228E-08	152.614	30.523	9.369E-08
26	156.159	31.232	1.004E-07	90.535	18.107	1.956E-08	90.953	18.191	1.983E-08	144.360	28.872	7.929E-08	136.833	27.367	6.753E-08	153.229	30.646	9.482E-08	70.907	14.181	9.396E-09
27	159.337	31.867	1.066E-07	-116.193	0.000	0.000E+00	84.390	16.878	1.584E-08	141.282	28.256	7.433E-08	95.284	19.057	2.280E-08	33.911	6.782	1.028E-09	42.078	8.416	1.964E-09
28	12.612	2.522	5.287E-11	13.573	2.715	6.591E-11	152.600	30.520	9.366E-08	56.570	11.314	4.772E-09	7.099	1.420	9.429E-12	96.038	19.208	2.335E-08	8.243	1.649	1.476E-11
29	37.098	7.420	1.346E-09	7.592	1.518	1.153E-11	14.550	2.910	8.119E-11	14.433	2.887	7.924E-11	28.023	5.605	5.800E-10	19.327	3.865	1.903E-10	139.209	27.842	7.110E-08
30	154.691	30.938	9.756E-08	23.524	4.705	3.431E-10	143.676	28.735	7.817E-08	8.853	1.771	1.829E-11	117.501	23.500	4.276E-08	87.521	17.504	1.767E-08	150.723	30.145	9.025E-08
31	26.972	5.394	5.171E-10	145.306	29.061	8.086E-08	72.864	14.573	1.020E-08	19.218	3.844	1.871E-10	15.655	3.131	1.011E-10	8.259	1.652	1.485E-11	17.507	3.501	1.414E-10
32	140.774	28.155	7.353E-08	136.066	27.213	6.640E-08	16.308	3.262	1.143E-10	98.813	19.763	5.43E-08	135.233	27.047	6.518E-08	91.106	18.221	1.993E-08	11.969	2.394	4.519E-11
33	126.693	25.339	5.360E-08	22.321	4.464	2.931E-10	83.853	16.771	1.554E-08	54.832	10.966	4.345E-09	8.409	1.682	1.567E-11	138.361	27.672	6.981E-08	15.618	3.124	1.004E-10
34	17.463	3.493	1.404E-10	11.031	2.206	3.538E-11	31.810	6.362	8.483E-10	139.354	27.871	7.133E-08	114.278	22.856	3.933E-08	101.429	20.286	2.750E-08	82.004	16.401	1.453E-08
35	13.961	2.792	7.173E-11	143.858	28.772	7.847E-08	126.193	25.239	5.297E-08	142.464	28.493	7.621E-08	138.579	27.716	7.014E-08	27.129	5.426	5.262E-10	15.077	3.015	9.033E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
36	130.505	26.101	5.858E-08	112.191	22.438	3.722E-08	13.823	2.765	6.961E-11	62.066	12.413	6.301E-09	15.007	3.001	8.908E-11	29.725	5.945	6.922E-10	15.493	3.099	9.802E-11
37	11.798	2.360	4.328E-11	101.337	20.267	2.743E-08	75.767	15.153	1.146E-08	141.031	28.206	7.393E-08	23.276	4.655	3.324E-10	134.231	26.846	6.375E-08	144.703	28.941	7.986E-08
38	22.595	4.519	3.041E-10	119.835	23.967	4.536E-08	30.143	6.029	7.219E-10	19.986	3.997	2.104E-10	21.179	4.236	2.504E-10	82.185	16.437	1.463E-08	82.300	16.460	1.469E-08
39	132.562	26.512	6.140E-08	97.776	19.555	2.464E-08	30.069	6.014	7.166E-10	44.339	8.868	2.297E-09	139.230	27.846	7.114E-08	110.082	22.016	3.516E-08	25.818	5.164	4.536E-10
40	121.741	24.348	4.756E-08	44.598	8.920	2.338E-09	135.534	27.107	6.562E-08	10.950	2.190	3.461E-11	19.823	3.965	2.053E-10	22.819	4.564	3.132E-10	114.921	22.984	4.000E-08
41	43.649	8.730	2.192E-09	106.005	21.201	3.140E-08	14.129	2.826	7.434E-11	10.586	2.117	3.127E-11	143.034	28.607	7.713E-08	24.277	4.855	3.771E-10	79.478	15.896	1.323E-08
42	91.500	18.300	2.019E-08	42.185	8.437	1.979E-09	106.488	21.298	3.183E-08	7.521	1.504	1.121E-11	143.427	28.685	7.776E-08	90.408	18.082	1.948E-08	14.035	2.807	7.287E-11
43	20.470	4.094	2.261E-10	141.473	28.295	7.463E-08	-98.840	0.000	0.000E+00	74.674	14.935	1.097E-08	30.421	6.084	7.420E-10	41.108	8.222	1.831E-09	144.323	28.865	7.923E-08
44	87.815	17.563	1.785E-08	95.989	19.198	2.331E-08	48.015	9.603	2.918E-09	77.224	15.445	1.214E-08	13.790	2.758	6.912E-11	82.552	16.510	1.483E-08	36.071	7.214	1.237E-09
45	115.300	23.060	4.040E-08	145.255	29.051	8.078E-08	105.540	21.108	3.098E-08	14.587	2.917	8.181E-11	19.447	3.889	1.939E-10	141.380	28.276	7.448E-08	22.595	4.519	3.040E-10
46	104.878	20.976	3.040E-08	13.452	2.690	6.415E-11	12.898	2.580	5.655E-11	28.542	5.708	6.129E-10	13.715	2.743	6.799E-11	252.577	50.515	4.247E-07	132.899	26.580	6.187E-08
47	96.997	19.399	2.405E-08	69.733	13.947	8.937E-09	67.469	13.494	8.095E-09	144.662	28.932	7.979E-08	104.616	20.923	3.018E-08	16.197	3.239	1.120E-10	35.049	7.010	1.135E-09
48	16.647	3.329	1.216E-10	143.621	28.724	7.808E-08	100.410	20.082	2.668E-08	77.357	15.471	1.220E-08	149.308	29.862	8.773E-08	133.904	26.781	6.328E-08	41.252	8.250	1.850E-09
49	12.347	2.469	4.961E-11	83.577	16.715	1.539E-08	106.397	21.279	3.174E-08	122.859	24.572	4.888E-08	18.173	3.635	1.582E-10	92.354	18.471	2.076E-08	136.821	27.364	6.751E-08
50	136.966	27.393	6.772E-08	6.860	1.372	8.507E-12	7.616	1.523	1.164E-11	12.864	2.573	5.611E-11	142.552	28.510	7.635E-08	145.131	29.026	8.057E-08	36.099	7.220	1.240E-09
51	16.282	3.256	1.138E-10	23.383	4.677	3.370E-10	110.124	22.025	3.520E-08	39.219	7.844	1.590E-09	106.228	21.246	3.159E-08	108.372	21.674	3.355E-08	13.123	2.625	5.957E-11
52	135.399	27.080	6.542E-08	31.423	6.285	8.178E-10	131.447	26.289	5.986E-08	23.494	4.699	3.418E-10	92.845	18.569	2.109E-08	139.027	27.805	7.083E-08	13.991	2.798	7.218E-11
53	44.877	8.975	2.382E-09	46.568	9.314	2.662E-09	126.873	25.375	5.383E-08	91.039	18.208	1.989E-08	15.577	3.115	9.961E-11	13.355	2.671	6.277E-11	27.442	5.488	5.447E-10
54	138.674	27.735	7.029E-08	67.667	13.533	8.166E-09	130.002	26.000	5.791E-08	93.988	18.798	2.188E-08	136.231	27.246	6.664E-08	82.552	16.510	1.483E-08	89.906	17.981	1.915E-08
55	49.327	9.865	3.163E-09	86.634	17.327	1.714E-08	21.432	4.286	2.595E-10	136.270	27.254	6.670E-08	89.249	17.850	1.874E-08	36.428	7.286	1.274E-09	134.740	26.948	6.447E-08
56	54.986	10.997	4.382E-09	24.156	4.831	3.715E-10	34.118	6.824	1.047E-09	33.890	6.778	1.026E-09	6.813	1.363	8.333E-12	36.280	7.256	1.259E-09	32.923	6.585	9.405E-10
57	69.473	13.895	8.838E-09	95.408	19.082	2.289E-08	49.115	9.823	3.123E-09	140.034	28.007	7.238E-08	38.419	7.684	1.495E-09	-7.429	0.000	0.000E+00	132.595	26.519	6.144E-08
58	27.553	5.511	5.513E-10	8.758	1.752	1.771E-11	83.377	16.675	1.528E-08	12.321	2.464	4.930E-11	75.795	15.159	1.148E-08	87.377	17.475	1.758E-08	52.571	10.514	3.829E-09
59	31.094	6.219	7.924E-10	74.892	14.978	1.107E-08	85.474	17.095	1.646E-08	120.886	24.177	4.656E-08	139.286	27.857	7.122E-08	29.708	5.942	6.911E-10	86.369	17.274	1.698E-08
60	176.167	35.233	1.441E-07	54.642	10.928	4.300E-09	109.829	21.966	3.492E-08	104.250	20.850	2.986E-08	113.390	22.678	3.843E-08	22.058	4.412	2.829E-10	127.677	25.535	5.486E-08
61	15.669	3.134	1.014E-10	79.202	15.840	1.309E-08	29.085	5.817	6.485E-10	82.998	16.600	1.507E-08	18.382	3.676	1.637E-10	42.852	8.570	2.074E-09	15.942	3.188	1.068E-10
62	24.758	4.952	4.000E-10	104.873	20.975	3.040E-08	154.367	30.873	9.695E-08	141.206	28.241	7.421E-08	141.264	28.253	7.430E-08	7.340	1.468	1.042E-11	9.286	1.857	2.110E-11
63	16.123	3.225	1.105E-10	15.111	3.022	9.095E-11	79.074	15.815	1.303E-08	-212.411	0.000	0.000E+00	38.323	7.665	1.483E-09	74.070	14.814	1.071E-08	129.160	25.832	5.679E-08
64	104.965	20.993	3.048E-08	25.610	5.122	4.427E-10	141.169	28.234	7.415E-08	85.923	17.185	1.672E-08	17.052	3.410	1.307E-10	134.257	26.851	6.378E-08	7.602	1.520	1.158E-11
65	80.105	16.021	1.355E-08	24.155	4.831	3.714E-10	138.587	27.717	7.015E-08	100.808	20.162	2.700E-08	13.902	2.780	7.081E-11	152.965	30.593	9.433E-08	49.473	9.895	3.191E-09
66	81.899	16.380	1.448E-08	6.738	1.348	8.063E-12	34.225	6.845	1.057E-09	56.652	11.330	4.792E-09	97.755	19.551	2.462E-08	102.518	20.504	2.840E-08	45.779	9.156	2.529E-09
67	15.844	3.169	1.048E-10	-11.881	0.000	0.000E+00	27.368	5.474	5.403E-10	62.727	12.545	6.505E-09	38.601	7.720	1.516E-09	84.049	16.810	1.565E-08	16.496	3.299	1.183E-10
68	100.277	20.055	2.658E-08	80.530	16.106	1.376E-08	89.551	17.910	1.893E-08	24.812	4.962	4.026E-10	130.674	26.135	5.881E-08	143.354	28.671	7.765E-08	20.320	4.064	2.211E-10
69	16.108	3.222	1.102E-10	28.128	5.626	5.866E-10	23.974	4.795	3.632E-10	94.069	18.814	2.194E-08	31.335	6.267	8.109E-10	23.501	4.700	3.421E-10	-80.646	0.000	0.000E+00
70	93.599	18.720	2.161E-08	22.926	4.585	3.176E-10	135.215	27.043	6.516E-08	125.000	25.000	5.148E-08	51.303	10.261	3.559E-09	26.628	5.326	4.976E-10	29.157	5.831	6.533E-10
71	47.458	9.492	2.817E-09	125.400	25.080	5.197E-08	137.845	27.569	6.903E-08	79.442	15.888	1.321E-08	133.701	26.740	6.299E-08	13.135	2.627	5.973E-11	91.105	18.221	1.993E-08
72	15.284	3.057	9.409E-11	14.285	2.857	7.683E-11	172.338	34.468	1.349E-07	71.368	14.274	9.581E-09	38.955	7.791	1.558E-09	19.207	3.841	1.868E-10	33.246	6.649	9.685E-10
73	121.132	24.226	4.685E-08	113.292	22.658	3.833E-08	132.892	26.578	6.186E-08	27.961	5.592	7.162E-10	118.324	23.665	4.366E-08	15.759	3.152	1.031E-10	179.455	35.891	1.523E-07
74	17.460	3.492	1.403E-10	138.746	27.749	7.040E-08	134.470	26.894	6.409E-08	189.402	37.880	1.791E-07	23.735	4.747	3.524E-10	27.431	5.486	5.440E-10	69.152	13.830	8.716E-09
75	33.870	6.774	1.024E-09	76.674	15.335	1.188E-08	14.077	2.815	7.352E-11	90.695	18.139	1.966E-08	98.643	19.729	2.530E-08	27.697	5.539	5.600E-10	18.481	3.696	1.664E-10
76	92.614	18.523	2.094E-08	82.229	16.446	1.465E-08	123.020	24.604	4.907E-08	21.552	4.310	2.638E-10	18.123	3.625	1.569E-10	132.630	26.526	6.149E-08	13.740	2.748	6.837E-11
77	92.461	18.492	2.083E-08	94.074	18.815	2.194E-08	45.086	9.610	2.416E-09	87.975	17.595	1.795E-08	43.547	8.709	2.177E-09	30.819	6.164	7.715E-10	15.422	3.084	9.667E-11
78	61.433	12.287	6.111E-09	15.446	3.089	9.712E-11	22.798	4.560	3.123E-10	-182.718	0.000	0.000E+00	129.841	25.968	5.769E-08	12.271	2.454	4.869E-11	79.677	15.935	1.333E-08
79	138.268	27.654	6.967E-08	133.866	26.773	6.323E-08	13.988	2.798	7.213E-11	131.192	26.238	5.951E-08	82.402	16.480	1.475E-08	42.810	8.562	2.068E-09	115.702	23.140	4.082E-08
80	32.184	6.437	8.786E-10	7																	

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
81	27.127	5.425	5.261E-10	156.178	31.236	1.004E-07	40.383	8.077	1.736E-09	82.228	16.446	1.465E-08	26.588	5.318	4.954E-10	148.431	29.686	8.619E-08	-13.332	0.000	0.000E+00
82	29.617	5.923	6.847E-10	141.534	28.307	7.473E-08	110.172	22.034	3.525E-08	153.386	30.677	9.511E-08	9.251	1.850	2.087E-11	139.723	27.945	7.189E-08	28.563	5.713	6.142E-10
83	27.306	5.461	5.366E-10	75.792	15.158	1.147E-08	121.593	24.319	4.738E-08	73.489	14.698	1.046E-08	12.454	2.491	5.091E-11	82.533	16.507	1.482E-08	-38.939	0.000	0.000E+00
84	19.229	3.846	1.874E-10	14.939	2.988	8.788E-11	7.428	1.486	1.080E-11	11.360	2.272	3.864E-11	62.477	12.495	6.427E-09	28.853	5.771	6.331E-10	123.825	24.765	5.004E-08
85	142.937	28.587	7.697E-08	99.839	19.968	2.623E-08	31.070	6.214	7.905E-10	141.224	28.245	7.424E-08	70.943	14.189	9.411E-09	12.916	2.583	5.680E-11	84.974	16.995	1.617E-08
86	11.500	2.300	4.008E-11	25.542	5.108	4.392E-10	29.294	5.859	6.625E-10	31.737	6.347	8.425E-10	33.000	6.600	9.472E-10	117.108	23.422	4.233E-08	37.020	7.404	1.337E-09
87	114.797	22.959	3.987E-08	37.723	7.545	1.415E-09	31.958	6.392	8.603E-10	17.970	3.594	1.529E-10	38.231	7.646	1.473E-09	5.972	1.194	5.615E-12	51.755	10.351	3.654E-09
88	107.165	21.433	3.244E-08	32.593	6.519	9.125E-10	143.299	28.660	7.756E-08	14.985	2.997	8.869E-11	76.638	15.328	1.186E-08	141.962	28.392	7.541E-08	34.858	6.972	1.116E-09
89	29.453	5.891	6.734E-10	145.739	29.148	8.159E-08	104.871	20.974	3.040E-08	251.838	50.368	4.210E-07	35.374	7.075	1.167E-09	15.713	3.143	1.022E-10	15.352	3.070	9.537E-11
90	140.173	28.035	7.259E-08	20.515	4.103	2.276E-10	71.769	14.354	9.743E-09	143.507	28.701	7.790E-08	80.420	16.084	1.371E-08	128.012	25.602	5.529E-08	90.212	18.042	1.935E-08
91	127.014	25.403	5.401E-08	140.967	28.193	7.383E-08	21.775	4.355	2.721E-10	137.650	27.530	6.874E-08	94.759	18.952	2.243E-08	17.605	3.521	1.438E-10	18.785	3.757	1.747E-10
92	108.529	21.706	3.369E-08	26.244	5.249	4.764E-10	28.168	5.634	5.891E-10	101.319	20.264	2.741E-08	12.706	2.541	5.407E-11	47.356	9.471	2.799E-09	117.726	23.545	4.300E-08
93	85.388	17.078	1.641E-08	137.875	27.575	6.908E-08	8.180	1.636	1.443E-11	84.318	16.864	1.580E-08	14.187	2.837	7.526E-11	143.199	28.640	7.740E-08	106.197	21.239	3.157E-08
94	20.426	4.085	2.246E-10	128.596	25.719	5.605E-08	120.996	24.199	4.669E-08	44.198	8.840	2.276E-09	14.266	2.853	7.653E-11	17.608	3.522	1.439E-10	31.831	6.366	8.501E-10
95	86.360	17.272	1.698E-08	126.831	25.366	5.377E-08	128.569	25.714	5.601E-08	13.939	2.788	7.138E-11	15.046	3.009	8.978E-11	126.317	25.263	5.312E-08	13.112	2.622	5.941E-11
96	53.023	10.605	3.929E-09	74.646	14.929	1.096E-08	36.173	7.235	1.248E-09	16.380	3.276	1.158E-10	18.921	3.784	1.785E-10	16.152	3.230	1.111E-10	236.056	47.211	3.467E-07
97	75.733	15.147	1.145E-08	21.609	4.322	2.659E-10	89.734	17.947	1.904E-08	80.541	16.108	1.377E-08	56.047	11.209	4.640E-09	11.291	2.258	3.794E-11	9.882	1.976	2.543E-11
98	52.183	10.437	3.745E-09	23.539	4.708	3.438E-10	102.236	20.447	2.816E-08	-84.299	0.000	0.000E+00	8.115	1.623	1.408E-11	86.447	17.289	1.703E-08	13.972	2.794	7.189E-11
99	85.188	17.038	1.629E-08	27.974	5.595	5.770E-10	84.982	16.996	1.618E-08	39.538	7.908	1.629E-09	42.322	8.464	1.998E-09	26.129	5.226	4.702E-10	126.876	25.375	5.383E-08
100	44.390	8.878	2.305E-09	13.069	2.614	5.884E-11	27.952	5.590	5.756E-10	31.992	6.398	8.630E-10	37.534	7.507	1.394E-09	117.356	23.471	4.260E-08	151.041	30.208	9.082E-08
101	151.213	30.243	9.113E-08	138.574	27.715	7.014E-08	42.611	8.522	2.039E-09	13.223	2.645	6.094E-11	21.099	4.220	2.475E-10	35.745	7.149	1.204E-09	19.773	3.955	2.037E-10
102	53.736	10.747	4.090E-09	14.052	2.810	7.314E-11	59.872	11.974	5.657E-09	98.064	19.613	2.486E-08	62.587	12.517	6.462E-09	8.567	1.713	1.657E-11	100.878	20.176	2.706E-08
103	122.353	24.471	4.828E-08	139.199	27.840	7.109E-08	14.203	2.841	7.552E-11	31.817	6.363	8.489E-10	84.635	16.927	1.598E-08	27.835	5.567	5.684E-10	47.473	9.495	2.820E-09
104	12.800	2.560	5.528E-11	54.865	10.973	4.353E-09	135.211	27.042	6.515E-08	135.057	27.011	6.493E-08	41.670	8.334	1.907E-09	37.960	7.592	1.442E-09	32.705	6.541	9.220E-10
105	30.276	6.055	7.314E-10	32.278	6.456	8.864E-10	96.716	19.343	2.384E-08	137.363	27.473	6.831E-08	-32.771	0.000	0.000E+00	39.829	7.966	1.665E-09	13.606	2.721	6.638E-11
106	9.079	1.816	1.972E-11	109.515	21.903	3.462E-08	36.443	7.289	1.276E-09	38.366	7.673	1.488E-09	55.851	11.170	4.592E-09	137.916	27.583	6.914E-08	226.847	45.369	3.077E-07
107	82.948	16.590	1.504E-08	134.762	26.952	6.451E-08	16.859	3.372	1.263E-10	146.556	29.311	8.297E-08	43.591	8.718	2.183E-09	23.882	4.776	3.590E-10	93.266	18.653	2.138E-08
108	128.438	25.688	5.584E-08	31.125	6.225	7.948E-10	15.124	3.025	9.117E-11	111.142	22.228	3.619E-08	18.462	3.692	1.658E-10	36.019	7.204	1.232E-09	8.086	1.617	1.393E-11
109	84.113	16.823	1.568E-08	32.145	6.429	8.755E-10	43.407	8.681	2.156E-09	134.974	26.995	6.481E-08	7.848	1.570	1.274E-11	9.498	1.900	2.258E-11	15.798	3.160	1.039E-10
110	78.006	15.601	1.251E-08	15.007	3.001	8.907E-11	144.959	28.992	8.028E-08	49.497	9.899	3.196E-09	41.959	8.392	1.947E-09	102.718	20.544	2.856E-08	88.657	17.731	1.837E-08
111	47.053	9.411	2.746E-09	38.189	7.638	1.468E-09	86.923	17.385	1.731E-08	8.079	1.616	1.390E-11	147.966	29.593	8.538E-08	64.093	12.819	6.939E-09	86.070	17.214	1.681E-08
112	48.401	9.680	2.989E-09	7.912	1.582	1.305E-11	134.273	26.855	6.380E-08	55.087	11.017	4.406E-09	31.447	6.289	8.197E-10	48.597	9.719	3.025E-09	60.976	12.195	5.975E-09
113	25.841	5.168	4.548E-10	198.081	39.616	2.048E-07	88.372	17.674	1.819E-08	110.335	22.067	3.540E-08	11.737	2.347	4.261E-11	112.029	22.406	3.706E-08	99.146	19.829	2.569E-08
114	85.857	17.171	1.668E-08	20.944	4.189	2.421E-10	31.423	6.285	8.178E-10	11.442	2.288	3.948E-11	70.265	14.053	9.144E-09	45.946	9.189	2.556E-09	145.484	29.097	8.116E-08
115	13.684	2.737	6.753E-11	136.543	27.309	6.710E-08	13.437	2.687	6.394E-11	10.859	2.172	3.375E-11	42.723	8.545	2.055E-09	81.265	16.253	1.414E-08	23.137	4.627	3.265E-10
116	33.548	6.710	9.951E-10	137.831	27.566	6.901E-08	144.507	28.901	7.953E-08	17.699	3.540	1.461E-10	45.564	9.113	2.493E-09	17.919	3.584	1.516E-10	86.380	17.276	1.699E-08
117	12.151	2.430	4.728E-11	109.833	21.967	3.492E-08	72.890	14.578	1.021E-08	46.020	9.204	2.569E-09	44.668	8.934	2.349E-09	67.206	13.441	8.000E-09	29.717	5.943	6.917E-10
118	32.901	6.580	9.387E-10	104.936	20.987	3.046E-08	32.064	6.413	8.689E-10	9.511	1.902	2.268E-11	47.623	9.525	2.847E-09	140.252	28.050	7.271E-08	88.521	17.704	1.828E-08
119	143.367	28.673	7.767E-08	-76.193	0.000	0.000E+00	60.577	12.115	5.859E-09	18.689	3.738	1.720E-10	21.073	4.215	2.467E-10	141.853	28.371	7.523E-08	13.994	2.799	7.223E-11
120	114.653	22.931	3.972E-08	33.163	6.633	9.613E-10	95.719	19.144	2.311E-08	57.866	11.573	5.107E-09	43.882	8.776	2.227E-09	81.937	16.387	1.450E-08	12.804	2.561	5.533E-11
121	60.692	12.138	5.892E-09	138.964	27.793	7.073E-08	17.024	3.405	1.301E-10	-71.100	0.000	0.000E+00	18.782	3.756	1.746E-10	73.490	14.698	1.046E-08	28.985	5.797	6.418E-10
122	26.799	5.360	5.073E-10	11.863	2.373	4.401E-11	13.926	2.785	7.119E-11	8.974	1.795	1.950E-11	44.670	8.934	2.349E-09	44.775	8.955	2.366E-09	32.499	6.500	9.047E-10
123	95.142	19.028	2.270E-08	34.193	6.839	1.054E-09	84.950	16.990	1.616E-08	18.625	3.725	1.703E-10	36.317	7.263	1.262E-09	121.716	24.343	4.753E-08	35.346	7.069	1.164E-09
124	120.605	24.121	4.624E-08	98.444	19.689	2.515E-08	140.063	28.013	7.242E-08	75.095	15.019	1.116E-08	76.792	15.358	1.194E-08	32.443	6.489	9.000E-10	26.328	5.266	4.810E-10
125	28.765	5.753	6.273E-10	19.825	3.965	2															

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
126	35.535	7.107	1.183E-09	29.057	5.811	6.466E-10	-10.550	0.000	0.000E+00	12.443	2.489	5.078E-11	42.990	8.598	2.094E-09	42.613	8.523	2.040E-09	8.741	1.748	1.760E-11
127	50.040	10.008	3.303E-09	40.896	8.179	1.803E-09	27.974	5.595	5.770E-10	99.508	19.902	2.597E-08	95.442	19.088	2.291E-08	50.758	10.152	3.447E-09	74.550	14.910	1.092E-08
128	76.340	15.268	1.173E-08	47.400	9.480	2.807E-09	33.057	6.611	9.521E-10	177.083	35.417	1.464E-07	40.508	8.102	1.752E-09	16.173	3.235	1.115E-10	19.976	3.995	2.101E-10
129	39.727	7.945	1.653E-09	14.056	2.811	7.320E-11	81.230	16.246	1.413E-08	76.086	15.217	1.161E-08	23.657	4.731	3.489E-10	52.130	10.426	3.734E-09	39.548	7.910	1.630E-09
130	16.241	3.248	1.129E-10	15.912	3.182	1.062E-10	14.341	2.868	7.774E-11	19.344	3.869	1.908E-10	45.925	9.185	2.553E-09	7.248	1.450	1.004E-11	57.570	11.514	5.029E-09
131	120.221	24.044	4.580E-08	48.323	9.665	2.974E-09	114.102	22.820	3.915E-08	133.686	26.737	6.297E-08	56.136	11.227	4.662E-09	32.802	6.560	9.302E-10	33.336	6.667	9.764E-10
132	21.575	4.315	2.647E-10	104.577	20.915	3.014E-08	37.996	7.599	1.446E-09	80.752	16.150	1.388E-08	34.669	6.934	1.098E-09	55.004	11.001	4.386E-09	114.651	22.930	3.972E-08
133	52.234	10.447	3.756E-09	52.832	10.566	3.887E-09	125.431	25.086	5.201E-08	38.754	7.751	1.534E-09	45.138	9.028	2.424E-09	29.786	5.957	6.965E-10	11.856	2.371	4.393E-11
134	145.441	29.088	8.109E-08	77.466	15.493	1.225E-08	26.401	5.280	4.850E-10	32.844	6.569	9.338E-10	45.541	9.108	2.489E-09	45.760	9.152	2.525E-09	28.683	5.737	6.220E-10
135	133.347	26.669	6.249E-08	33.236	6.647	9.676E-10	128.548	25.710	5.599E-08	18.038	3.608	1.547E-10	33.802	6.760	1.018E-09	28.387	5.677	6.029E-10	82.513	16.503	1.481E-08
136	74.682	14.936	1.098E-08	5.598	1.120	4.624E-12	84.252	16.850	1.576E-08	17.710	3.542	1.464E-10	13.248	2.650	6.129E-11	40.663	8.133	1.772E-09	32.243	6.449	8.834E-10
137	19.081	3.816	1.831E-10	59.001	11.800	5.413E-09	31.904	6.381	8.559E-10	18.782	3.756	1.746E-10	36.166	7.233	1.247E-09	22.457	4.491	2.985E-10	104.657	20.931	3.021E-08
138	17.901	3.580	1.512E-10	37.673	7.535	1.409E-09	65.658	13.132	7.460E-09	113.063	22.613	3.809E-08	44.084	8.817	2.258E-09	15.546	3.109	9.903E-11	67.344	13.469	8.050E-09
139	49.038	9.808	3.108E-09	15.986	3.197	1.077E-10	98.743	19.749	2.538E-08	12.339	2.468	4.952E-11	41.333	8.267	1.861E-09	25.012	5.002	4.124E-10	32.476	6.495	9.028E-10
140	8.363	1.673	1.542E-11	15.393	3.079	9.614E-11	88.897	17.779	1.852E-08	49.773	9.955	3.250E-09	8.998	1.800	1.920E-11	23.563	4.713	3.448E-10	27.069	5.414	5.228E-10
141	27.290	5.458	5.357E-10	76.366	15.273	1.174E-08	18.357	3.671	1.630E-10	75.009	15.002	1.112E-08	55.532	11.106	4.513E-09	33.418	6.684	9.836E-10	16.040	3.208	1.088E-10
142	37.759	7.552	1.419E-09	122.765	24.553	4.877E-08	41.274	8.255	1.853E-09	22.564	4.513	3.028E-10	22.029	4.406	2.818E-10	29.228	5.846	6.581E-10	127.030	25.406	5.403E-08
143	6.455	1.291	7.087E-12	71.679	14.336	9.706E-09	23.368	4.674	3.363E-10	126.483	25.297	5.333E-08	44.338	8.868	2.297E-09	38.267	7.653	1.477E-09	39.692	7.938	1.648E-09
144	40.977	8.195	1.813E-09	80.932	16.186	1.397E-08	46.938	9.388	2.726E-09	29.976	5.995	7.099E-10	71.364	14.273	9.579E-09	133.088	26.618	6.213E-08	7.808	1.562	1.254E-11
145	99.851	19.970	2.624E-08	5.482	1.096	4.343E-12	8.380	1.676	1.551E-11	20.696	4.139	2.336E-10	34.371	6.874	1.070E-09	18.274	3.655	1.608E-10	43.225	8.645	2.129E-09
146	56.301	11.260	4.704E-09	136.033	27.207	6.635E-08	35.256	7.051	1.155E-09	7.588	1.518	1.152E-11	46.101	9.220	2.582E-09	47.535	9.507	2.831E-09	41.462	8.292	1.879E-09
147	43.503	8.701	2.170E-09	17.655	3.531	1.450E-10	137.056	27.411	6.785E-08	31.996	6.399	8.634E-10	42.721	8.544	2.055E-09	59.676	11.935	5.601E-09	11.817	2.363	4.349E-11
148	38.977	7.795	1.561E-09	76.696	15.339	1.189E-08	43.009	8.602	2.097E-09	26.221	5.244	4.752E-10	134.713	26.943	6.443E-08	38.507	7.701	1.505E-09	19.024	3.805	1.815E-10
149	93.678	18.736	2.167E-08	14.533	2.907	8.091E-11	71.944	14.389	8.914E-09	28.369	5.674	6.018E-10	43.517	8.703	2.172E-09	39.203	7.841	1.588E-09	44.518	8.904	2.325E-09
150	-16.368	0.000	0.000E+00	81.611	16.322	1.433E-08	40.062	8.012	1.695E-09	30.284	6.057	7.320E-10	41.346	8.269	1.863E-09	116.684	23.337	4.187E-08	8.353	1.671	1.536E-11
151	29.064	5.813	6.471E-10	48.055	9.611	2.925E-09	51.828	10.366	3.669E-09	48.338	9.668	2.977E-09	11.194	2.239	3.697E-11	31.342	6.268	8.115E-10	58.026	11.605	5.149E-09
152	14.360	2.872	7.805E-11	25.648	5.130	4.447E-10	36.478	7.296	1.279E-09	62.215	12.443	6.347E-09	22.496	4.499	3.001E-10	38.918	7.784	1.554E-09	9.218	1.844	2.064E-11
153	21.451	4.290	2.601E-10	44.026	8.805	2.249E-09	15.107	3.021	9.087E-11	6.516	1.303	7.290E-12	46.846	9.369	2.710E-09	251.186	50.237	4.177E-07	29.413	5.883	6.707E-10
154	22.178	4.436	2.875E-10	12.299	2.460	4.904E-11	30.360	6.072	7.376E-10	37.918	7.584	1.437E-09	24.310	4.862	3.787E-10	18.330	3.666	1.623E-10	28.196	5.639	5.908E-10
155	15.866	3.173	1.053E-10	25.994	5.199	4.629E-10	38.074	7.615	1.455E-09	97.511	19.502	2.444E-08	106.888	21.378	3.219E-08	46.890	9.378	2.717E-09	133.236	26.647	6.234E-08
156	-9.666	0.000	0.000E+00	78.483	15.697	1.274E-08	47.097	9.419	2.753E-09	20.475	4.095	2.262E-10	41.214	8.243	1.845E-09	-13.498	0.000	0.000E+00	90.161	18.032	1.932E-08
157	33.191	6.638	9.638E-10	-31.398	0.000	0.000E+00	40.612	8.122	1.765E-09	46.287	9.257	2.614E-09	19.146	3.829	1.850E-10	27.274	5.455	5.347E-10	7.677	1.535	1.193E-11
158	36.954	7.391	1.330E-09	141.591	28.318	7.482E-08	89.636	17.927	1.898E-08	78.430	15.686	1.272E-08	17.229	3.446	1.348E-10	35.119	7.024	1.142E-09	24.609	4.922	3.928E-10
159	47.641	9.528	2.850E-09	27.274	5.455	5.347E-10	7.309	1.462	1.029E-11	14.654	2.931	8.294E-11	44.145	8.829	2.267E-09	34.123	6.825	1.047E-09	47.302	9.460	2.790E-09
160	17.351	3.470	1.377E-10	48.746	9.749	3.053E-09	32.365	6.473	8.936E-10	10.280	2.056	2.864E-11	40.298	8.060	1.725E-09	17.977	3.595	1.531E-10	57.927	11.585	5.123E-09
161	44.115	8.823	2.263E-09	16.318	3.264	1.145E-10	43.934	8.787	2.235E-09	43.174	8.635	2.121E-09	14.211	2.842	7.564E-11	32.661	6.532	9.183E-10	14.814	2.963	8.568E-11
162	93.053	18.611	2.124E-08	38.393	7.679	1.492E-09	44.269	8.854	2.287E-09	16.624	3.325	1.211E-10	45.717	9.143	2.518E-09	41.541	8.308	1.889E-09	41.477	8.295	1.881E-09
163	35.287	7.057	1.158E-09	61.432	12.866	6.110E-09	19.620	3.924	1.991E-10	40.836	8.167	1.795E-09	32.178	6.436	8.782E-10	39.624	7.925	1.640E-09	35.710	7.142	1.200E-09
164	145.213	29.043	8.071E-08	102.554	20.511	2.843E-08	18.425	3.685	1.648E-10	49.553	9.911	3.207E-09	44.902	8.980	2.386E-09	37.084	7.417	1.344E-09	80.795	16.159	1.390E-08
165	135.016	27.003	6.487E-08	43.698	8.740	2.199E-09	38.213	7.643	1.471E-09	34.517	6.903	1.084E-09	33.907	6.781	1.027E-09	18.952	3.790	1.794E-10	32.220	6.444	8.816E-10
166	23.804	4.761	3.555E-10	12.697	2.539	5.395E-11	31.695	6.339	8.392E-10	-45.635	0.000	0.000E+00	144.160	28.832	7.896E-08	44.883	8.977	2.383E-09	137.556	27.511	6.860E-08
167	57.494	11.499	5.009E-09	12.665	2.533	5.354E-11	58.582	11.716	5.299E-09	52.463	10.493	3.806E-09	48.250	9.560	2.961E-09	40.388	8.078	1.736E-09	34.551	6.910	1.087E-09
168	34.047	6.809	1.040E-09	40.117	8.023	1.702E-09	126.978	25.396	5.396E-08	16.837	3.367	1.258E-10	33.562	6.712	9.964E-10	26.931	5.386	5.148E-10	18.243	3.649	1.600E-10
169	10.536	2.107	3.082E-11	32.810	6.562	9.309E-10	41.025	8.205	1.820E-09	16.364	3.273	1.155E-10	33.968	6.794	1.033E-09	59.361	11.872	5.513E-09	55.110	11.022	4.411E-09
170	53.938	10.788	4.136E-09	19.661	3.932	2.003E-10	11.727	2.345	4.251E-11	52.711	10.542	3.860E-09	45.212	9.042	2.436E-09	17.3					

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
171	12.318	2.464	4.926E-11	47.357	9.471	2.799E-09	-19.374	0.000	0.000E+00	49.581	9.916	3.212E-09	25.415	5.083	4.327E-10	148.136	29.627	8.568E-08	134.934	26.987	6.475E-08
172	8.862	1.772	1.834E-11	34.951	6.990	1.125E-09	29.885	5.977	7.035E-10	22.320	4.464	2.931E-10	79.039	15.808	1.301E-08	44.950	8.990	2.394E-09	37.768	7.554	1.420E-09
173	38.773	7.755	1.536E-09	11.723	2.345	4.247E-11	9.529	1.906	2.281E-11	84.206	16.841	1.574E-08	40.181	8.036	1.710E-09	32.833	6.567	9.328E-10	35.934	7.187	1.223E-09
174	245.603	49.121	3.905E-07	45.713	9.143	2.518E-09	30.279	6.056	7.317E-10	57.289	11.458	4.956E-09	25.636	5.127	4.441E-10	30.002	6.000	7.118E-10	46.149	9.230	2.590E-09
175	37.998	7.600	1.446E-09	14.095	2.819	7.381E-11	66.070	13.214	7.602E-09	26.910	5.382	5.136E-10	14.099	2.820	7.387E-11	34.112	6.822	1.046E-09	44.677	8.935	2.350E-09
176	24.714	4.943	3.979E-10	53.546	10.709	4.046E-09	68.922	13.784	8.629E-09	63.646	12.729	6.795E-09	48.186	9.637	2.949E-09	39.935	7.987	1.679E-09	34.892	6.978	1.120E-09
177	41.098	8.220	1.830E-09	42.408	8.482	2.010E-09	39.342	7.868	1.605E-09	-23.702	0.000	0.000E+00	44.122	8.824	2.264E-09	33.470	6.694	9.882E-10	34.959	6.992	1.126E-09
178	29.059	5.812	6.467E-10	32.145	6.429	8.754E-10	57.039	11.408	4.891E-09	61.586	12.317	6.157E-09	41.293	8.259	1.856E-09	28.182	5.636	5.899E-10	31.884	6.377	8.543E-10
179	11.979	2.396	4.530E-11	83.509	16.702	1.535E-08	28.284	5.657	5.964E-10	35.379	7.076	1.167E-09	44.621	8.924	2.342E-09	37.256	7.451	1.363E-09	24.001	4.800	3.644E-10
180	35.847	7.169	1.214E-09	82.475	16.495	1.479E-08	28.841	5.768	6.323E-10	8.804	1.761	1.798E-11	18.891	3.778	1.777E-10	-11.353	0.000	0.000E+00	55.737	11.147	4.564E-09
181	80.542	16.108	1.377E-08	22.941	4.588	3.182E-10	6.875	1.375	8.565E-12	19.097	3.819	1.836E-10	40.535	8.107	1.755E-09	30.773	6.155	7.681E-10	59.201	11.840	5.469E-09
182	43.216	8.643	2.127E-09	36.071	7.214	1.237E-09	30.706	6.141	7.631E-10	15.564	3.113	9.938E-11	252.851	50.570	4.261E-07	44.670	8.934	2.349E-09	29.448	5.890	6.731E-10
183	34.105	6.821	1.046E-09	76.965	15.393	1.202E-08	82.695	16.539	1.490E-08	79.179	15.836	1.308E-08	133.310	26.662	6.244E-08	239.579	47.916	3.624E-07	64.931	12.986	7.215E-09
184	39.115	7.823	1.577E-09	9.340	1.868	2.147E-11	88.860	17.772	1.849E-08	34.492	6.898	1.082E-09	14.283	2.857	7.679E-11	43.422	8.684	2.158E-09	35.776	7.155	1.207E-09
185	42.068	8.414	1.962E-09	41.449	8.290	1.877E-09	23.108	4.622	3.252E-10	50.854	10.171	3.466E-09	45.715	9.143	2.518E-09	44.706	8.941	2.355E-09	22.174	4.435	2.873E-10
186	19.246	3.849	1.879E-10	58.354	11.671	5.237E-09	37.545	7.509	1.395E-09	23.675	4.735	3.497E-10	13.583	2.717	6.604E-11	19.302	3.860	1.895E-10	18.308	3.662	1.617E-10
187	38.510	7.702	1.505E-09	20.759	4.152	2.358E-10	43.387	8.677	2.153E-09	28.138	5.628	5.872E-10	47.440	9.488	2.814E-09	42.211	8.442	1.982E-09	23.113	4.623	3.254E-10
188	9.588	1.918	2.323E-11	39.617	7.923	1.639E-09	28.163	5.633	5.888E-10	18.233	3.647	1.597E-10	18.539	3.708	1.679E-10	38.743	7.749	1.533E-09	40.930	8.186	1.807E-09
189	34.893	6.979	1.120E-09	55.234	11.047	4.441E-09	54.165	10.833	4.188E-09	28.723	5.745	6.245E-10	15.815	3.163	1.042E-10	10.398	2.080	2.963E-11	66.454	13.291	7.735E-09
190	9.797	1.959	2.479E-11	40.607	8.121	1.765E-09	56.062	11.212	4.644E-09	140.074	28.015	7.244E-08	44.484	8.897	2.320E-09	37.829	7.566	1.427E-09	48.627	9.725	3.031E-09
191	36.993	7.399	1.334E-09	9.613	1.923	2.341E-11	45.374	9.075	2.462E-09	20.262	4.052	2.192E-10	36.522	7.304	1.284E-09	-25.555	0.000	0.000E+00	45.401	9.080	2.467E-09
192	-15.547	0.000	0.000E+00	65.955	13.191	7.562E-09	136.190	27.238	6.658E-08	53.308	10.662	3.993E-09	39.763	7.953	1.657E-09	22.118	4.424	2.852E-10	47.945	9.589	2.905E-09
193	46.797	9.359	2.701E-09	34.910	6.982	1.121E-09	51.131	10.226	3.523E-09	37.294	7.459	1.367E-09	136.585	27.317	6.716E-08	40.795	8.159	1.789E-09	46.235	9.247	2.605E-09
194	89.433	17.887	1.885E-08	12.524	2.505	5.178E-11	17.856	3.571	1.500E-10	43.298	8.660	2.139E-09	42.545	8.509	2.030E-09	39.642	7.928	1.642E-09	11.807	2.361	4.338E-11
195	47.931	9.586	2.902E-09	41.477	8.295	1.881E-09	38.530	7.706	1.508E-09	32.027	6.405	8.658E-10	37.866	7.573	1.431E-09	-33.381	0.000	0.000E+00	24.498	4.900	3.875E-10
196	34.178	6.836	1.052E-09	20.783	4.157	2.366E-10	53.848	10.770	4.115E-09	277.462	55.492	5.630E-07	41.656	8.331	1.905E-09	31.719	6.344	8.411E-10	28.921	5.784	6.376E-10
197	12.602	2.520	5.275E-11	57.686	11.537	5.060E-09	124.136	24.827	5.042E-08	67.684	13.537	8.172E-09	46.521	9.304	2.654E-09	-24.227	0.000	0.000E+00	11.033	2.207	3.540E-11
198	23.003	4.601	3.208E-10	-23.577	0.000	0.000E+00	14.548	2.910	8.115E-11	29.350	5.870	6.663E-10	42.265	8.453	1.990E-09	7.018	1.404	9.112E-12	43.547	8.709	2.177E-09
199	50.189	10.038	3.332E-09	19.575	3.915	1.977E-10	30.673	6.135	7.606E-10	31.903	6.381	8.558E-10	136.378	27.276	6.685E-08	14.858	2.972	8.645E-11	35.638	7.128	1.193E-09
200	46.787	9.357	2.699E-09	43.143	8.629	2.117E-09	41.139	8.228	1.835E-09	10.590	2.118	3.130E-11	138.145	27.629	6.949E-08	46.492	9.298	2.649E-09	30.584	6.117	7.540E-10
201	10.646	2.129	3.180E-11	31.461	6.292	8.208E-10	33.982	6.796	1.034E-09	43.373	8.675	2.151E-09	16.445	3.289	1.172E-10	37.807	7.561	1.424E-09	10.069	2.014	2.691E-11
202	43.170	8.634	2.120E-09	40.709	8.142	1.778E-09	39.592	7.918	1.636E-09	28.261	5.652	5.949E-10	128.875	25.775	5.641E-08	21.708	4.342	2.696E-10	44.757	8.951	2.363E-09
203	47.159	9.432	2.764E-09	41.715	8.343	1.913E-09	43.852	8.770	2.223E-09	35.056	7.011	1.136E-09	84.791	16.958	1.607E-08	37.289	7.458	1.367E-09	46.541	9.308	2.657E-09
204	35.308	7.062	1.160E-09	30.554	6.111	7.518E-10	49.578	9.916	3.212E-09	39.730	7.946	1.653E-09	44.881	8.976	2.383E-09	52.039	10.408	3.714E-09	34.684	6.937	1.100E-09
205	50.726	10.145	3.440E-09	-7.505	0.000	0.000E+00	-4.838	0.000	0.000E+00	44.373	8.875	2.303E-09	43.326	8.665	2.143E-09	37.566	7.513	1.397E-09	26.121	5.224	4.697E-10
206	36.045	7.209	1.234E-09	34.971	6.994	1.127E-09	42.711	8.542	2.054E-09	96.235	19.247	2.349E-08	36.892	7.378	1.323E-09	48.903	9.781	3.082E-09	36.525	7.305	1.284E-09
207	41.538	8.308	1.889E-09	43.246	8.649	2.132E-09	15.732	3.146	1.026E-10	35.726	7.145	1.202E-09	140.259	28.052	7.272E-08	19.624	3.925	1.992E-10	37.569	7.514	1.398E-09
208	42.541	8.508	2.029E-09	14.464	2.893	7.975E-11	51.050	10.210	3.507E-09	51.029	10.206	3.502E-09	138.246	27.649	6.964E-08	47.683	9.537	2.857E-09	31.773	6.355	8.454E-10
209	39.760	7.952	1.657E-09	22.884	4.577	3.159E-10	44.855	8.971	2.379E-09	19.527	3.905	1.962E-10	136.311	27.262	6.675E-08	43.996	8.799	2.244E-09	46.764	9.353	2.695E-09
210	53.328	10.666	3.997E-09	35.672	7.134	1.196E-09	23.033	4.607	3.221E-10	42.652	8.530	2.045E-09	133.353	26.671	6.250E-08	38.231	7.646	1.473E-09	42.087	8.417	1.965E-09
211	15.057	3.011	8.997E-11	44.766	8.953	2.365E-09	-5.930	0.000	0.000E+00	43.029	8.606	2.100E-09	10.714	2.143	3.241E-11	47.713	9.543	2.863E-09	9.414	1.883	2.199E-11
212	25.334	5.067	4.285E-10	14.120	2.824	7.420E-11	27.860	5.572	6.699E-10	18.462	3.692	1.659E-10	48.212	9.642	2.645E-09	39.414	7.883	1.614E-09	42.913	8.583	2.083E-09
213	32.896	6.579	9.382E-10	38.012	7.602	1.448E-09	49.898	9.980	3.275E-09	43.512	8.702	2.171E-09	140.902	28.180	7.373E-08	46.604	9.321	2.668E-09	9.133	1.827	2.008E-11
214	49.576	9.915	3.211E-09	35.464	7.093	1.176E-09	33.187	6.637	9.633E-10	49.813	9.963	3.258E-09	39.425	7.885	1.615E-09	33.234	6.647	9.675E-10	40.425	8.085	1.741E-09
215	12.708	2.542	5.409E-11	49.257	9.851	3.150E-09	41.259	8.252	1.851E-09	128.468	25.694	5.588E-08	44.666	8.933							

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
216	14.982	2.996	8.864E-11	49.748	9.950	3.245E-09	51.110	10.222	3.519E-09	10.731	2.146	3.257E-11	85.249	17.050	1.633E-08	46.221	9.244	2.603E-09	45.244	9.049	2.441E-09
217	41.705	8.341	1.912E-09	21.062	4.212	2.463E-10	34.738	6.948	1.105E-09	40.280	8.056	1.723E-09	28.230	5.646	5.929E-10	40.196	8.039	1.712E-09	32.394	6.479	8.959E-10
218	53.651	10.730	4.070E-09	50.943	10.189	3.485E-09	50.098	10.020	3.314E-09	130.995	26.199	5.925E-08	40.487	8.097	1.749E-09	53.985	10.797	4.147E-09	15.892	3.178	1.058E-10
219	31.494	6.299	8.233E-10	44.243	8.849	2.283E-09	43.690	8.738	2.198E-09	39.327	7.865	1.603E-09	44.015	8.803	2.247E-09	38.349	7.670	1.487E-09	42.473	8.495	2.019E-09
220	39.042	7.808	1.569E-09	35.144	7.029	1.144E-09	34.280	6.856	1.062E-09	40.743	8.149	1.783E-09	53.486	10.697	4.033E-09	41.874	8.375	1.935E-09	-41.081	0.000	0.000E+00
221	14.013	2.803	7.252E-11	44.937	8.987	2.392E-09	10.904	2.181	3.417E-11	-18.768	0.000	0.000E+00	36.119	7.224	1.242E-09	32.428	6.486	8.988E-10	14.611	2.922	8.221E-11
222	35.680	7.136	1.197E-09	46.335	9.267	2.622E-09	39.881	7.976	1.672E-09	43.698	8.740	2.199E-09	40.104	8.021	1.700E-09	26.888	5.378	5.124E-10	51.152	10.230	3.528E-09
223	52.210	10.442	3.751E-09	41.355	8.271	1.864E-09	44.341	8.868	2.298E-09	47.254	9.451	2.781E-09	41.524	8.305	1.887E-09	30.856	6.171	7.743E-10	36.791	7.358	1.313E-09
224	45.101	9.020	2.418E-09	29.588	5.918	6.827E-10	44.195	8.839	2.275E-09	84.257	16.851	1.577E-08	18.996	3.799	1.807E-10	46.488	9.298	2.648E-09	44.166	8.833	2.271E-09
225	43.762	8.752	2.209E-09	17.897	3.579	1.511E-10	43.703	8.741	2.200E-09	24.606	4.921	3.927E-10	42.948	8.590	2.088E-09	39.353	7.871	1.606E-09	-26.485	0.000	0.000E+00
226	43.995	8.799	2.244E-09	41.922	8.384	1.942E-09	59.419	11.884	5.529E-09	33.367	6.673	9.792E-10	147.465	29.493	8.452E-08	46.564	9.313	2.661E-09	46.261	9.252	2.609E-09
227	39.887	7.977	1.673E-09	41.840	8.368	1.931E-09	16.134	3.227	1.107E-10	28.379	5.676	6.024E-10	36.426	7.285	1.274E-09	40.388	8.078	1.736E-09	20.345	4.069	2.219E-10
228	51.476	10.295	3.595E-09	44.359	8.872	2.301E-09	49.993	9.999	3.293E-09	40.103	8.021	1.700E-09	42.294	8.459	1.994E-09	14.025	2.805	7.271E-11	54.027	10.805	4.157E-09
229	47.889	9.578	2.895E-09	37.032	7.406	1.338E-09	56.499	11.300	4.754E-09	21.838	4.368	2.745E-10	37.989	7.598	1.445E-09	31.706	6.341	8.401E-10	13.302	2.660	6.204E-11
230	37.147	7.429	1.351E-09	45.654	9.131	2.508E-09	41.682	8.336	1.909E-09	45.602	9.120	2.499E-09	43.731	8.746	2.204E-09	20.062	4.012	2.128E-10	17.436	3.487	1.397E-10
231	36.700	7.340	1.303E-09	22.883	4.577	3.158E-10	34.914	6.983	1.122E-09	41.325	8.265	1.860E-09	46.604	9.321	2.668E-09	10.911	2.182	3.424E-11	47.327	9.465	2.794E-09
232	36.705	7.341	1.303E-09	51.591	10.318	3.619E-09	42.177	8.435	1.978E-09	52.200	10.440	3.749E-09	39.255	7.851	1.594E-09	33.669	6.734	1.006E-09	32.907	6.581	9.392E-10
233	15.164	3.033	9.190E-11	7.957	1.591	1.328E-11	43.070	8.614	2.106E-09	56.495	11.299	4.752E-09	33.790	6.758	1.017E-09	49.744	9.949	3.244E-09	48.126	9.625	2.938E-09
234	44.836	8.967	2.376E-09	36.636	7.327	1.296E-09	48.967	9.793	3.095E-09	130.328	26.066	5.834E-08	25.496	5.099	4.368E-10	52.175	10.435	3.743E-09	40.130	8.026	1.703E-09
235	45.834	9.167	2.538E-09	38.170	7.634	1.466E-09	46.497	9.299	2.649E-09	43.969	8.794	2.240E-09	54.540	10.908	4.276E-09	42.709	8.542	2.053E-09	33.862	6.772	1.023E-09
236	26.245	5.249	4.765E-10	-27.124	0.000	0.000E+00	32.706	6.541	9.221E-10	41.834	8.367	1.930E-09	144.217	28.843	7.906E-08	12.704	2.541	5.403E-11	46.873	9.375	2.714E-09
237	33.900	6.780	1.027E-09	43.969	8.794	2.240E-09	45.047	9.009	2.409E-09	43.658	8.732	2.193E-09	46.238	9.248	2.605E-09	42.375	8.475	2.005E-09	-41.320	0.000	0.000E+00
238	40.333	8.067	1.729E-09	42.496	8.499	2.023E-09	20.701	4.140	2.338E-10	35.136	7.027	1.143E-09	43.267	8.653	2.135E-09	48.113	9.623	2.936E-09	45.155	9.031	2.427E-09
239	8.631	1.726	1.694E-11	43.709	8.742	2.201E-09	40.913	8.183	1.805E-09	41.890	8.378	1.937E-09	46.938	9.388	2.726E-09	55.126	11.025	4.415E-09	32.923	6.585	9.406E-10
240	37.823	7.565	1.426E-09	37.691	7.538	1.411E-09	45.767	9.153	2.527E-09	42.431	8.486	2.013E-09	57.471	11.494	5.003E-09	52.393	10.479	3.791E-09	45.211	9.042	2.436E-09
241	45.523	9.105	2.486E-09	41.498	8.300	1.884E-09	42.564	8.513	2.032E-09	5.780	1.156	5.090E-12	10.737	2.147	3.263E-11	54.430	10.886	4.250E-09	42.013	8.403	1.954E-09
242	22.725	4.545	3.093E-10	48.591	9.718	3.024E-09	47.204	9.441	2.772E-09	36.683	7.337	1.301E-09	29.796	5.959	6.972E-10	30.759	6.152	7.670E-10	48.910	9.782	3.084E-09
243	38.813	7.763	1.541E-09	45.611	9.122	2.501E-09	44.782	8.956	2.367E-09	41.387	8.277	1.868E-09	11.517	2.303	4.026E-11	40.049	8.010	1.693E-09	38.729	7.746	1.531E-09
244	55.085	11.017	4.405E-09	49.339	9.868	3.166E-09	26.444	5.289	4.874E-10	31.688	6.338	8.387E-10	46.850	9.370	2.710E-09	14.811	2.962	8.563E-11	8.969	1.794	1.902E-11
245	53.721	10.744	4.086E-09	44.450	8.890	2.315E-09	22.013	4.403	2.811E-10	39.126	7.825	1.579E-09	44.097	8.819	2.260E-09	46.616	9.323	2.670E-09	51.065	10.213	3.510E-09
246	20.016	4.003	2.114E-10	19.111	3.822	1.840E-10	44.302	8.860	2.292E-09	47.022	9.404	2.740E-09	32.914	6.583	9.398E-10	49.157	9.831	3.131E-09	45.761	9.152	2.526E-09
247	50.877	10.175	3.471E-09	42.597	8.519	2.037E-09	13.621	2.724	6.660E-11	40.958	8.192	1.811E-09	40.716	8.143	1.779E-09	48.325	9.665	2.974E-09	44.768	8.954	2.365E-09
248	30.489	6.098	7.470E-10	40.297	8.059	1.725E-09	35.435	7.087	1.173E-09	42.562	8.512	2.032E-09	48.500	9.700	3.007E-09	48.447	9.689	2.997E-09	52.555	10.511	3.826E-09
249	50.449	10.090	3.384E-09	40.497	8.099	1.750E-09	53.897	10.779	4.127E-09	28.749	5.750	6.263E-10	42.832	8.566	2.071E-09	52.541	10.508	3.823E-09	48.858	9.772	3.074E-09
250	15.115	3.023	9.101E-11	43.475	8.695	2.166E-09	43.809	8.762	2.216E-09	45.415	9.083	2.469E-09	81.932	16.386	1.450E-08	8.312	1.662	1.514E-11	8.661	1.732	1.712E-11
251	44.944	8.989	2.393E-09	6.988	1.398	8.994E-12	14.439	2.888	7.935E-11	19.540	3.908	1.966E-10	40.645	8.129	1.770E-09	42.404	8.481	2.010E-09	42.040	8.408	1.958E-09
252	33.856	6.771	1.023E-09	9.149	1.830	2.018E-11	35.730	7.146	1.202E-09	45.881	9.176	2.546E-09	84.588	16.918	1.595E-08	36.721	7.344	1.305E-09	37.660	7.532	1.408E-09
253	40.451	8.090	1.745E-09	46.052	9.210	2.574E-09	41.549	8.310	1.890E-09	43.566	8.713	2.179E-09	37.902	7.580	1.435E-09	16.649	3.330	1.216E-10	39.314	7.863	1.602E-09
254	17.414	3.483	1.392E-10	42.634	8.527	2.043E-09	14.088	2.818	7.369E-11	47.707	9.541	2.862E-09	39.221	7.844	1.590E-09	54.815	10.963	4.341E-09	10.056	2.011	2.680E-11
255	48.496	9.699	3.006E-09	17.993	3.599	1.535E-10	36.720	7.344	1.305E-09	14.461	2.892	7.970E-11	42.299	8.460	1.995E-09	36.426	7.285	1.274E-09	51.604	10.321	3.622E-09
256	39.470	7.894	1.621E-09	51.595	10.319	3.620E-09	48.979	9.796	3.097E-09	38.033	7.607	1.450E-09	78.289	15.658	1.265E-08	48.955	9.791	3.092E-09	32.032	6.406	8.662E-10
257	46.310	9.262	2.618E-09	52.475	10.495	3.808E-09	43.959	8.792	2.239E-09	45.462	9.092	2.774E-09	14.255	2.851	7.634E-11	45.343	9.069	2.457E-09	45.783	9.157	2.529E-09
258	20.169	4.034	2.163E-10	46.835	9.367	2.708E-09	42.217	8.443	1.983E-09	39.543	7.909	1.630E-09	45.008	9.002	2.403E-09	10.930	2.186	3.441E-11	34.923	6.985	1.123E-09
259	51.231	10.246	3.544E-09	35.510	7.102	1.180E-09	45.780	9.156	2.529E-09	45.482	9.096	2.480E-09	39.407	7.881	1.613E-09	45.983	9.197	2.563E-09	-6.567	0.000	0.000E+00
260	50.240	10.048	3.342E-09	50.868	10.174	3.469E-09	41.728	8.346	1.915E-09	11.525	2.305	4.035E-11	147.233	29.447	8.412E-08	35.088	7.018	1.13			

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
261	35.382	7.076	1.167E-09	47.125	9.425	2.758E-09	11.958	2.392	4.507E-11	42.354	8.471	2.003E-09	-13.820	0.000	0.000E+00	53.908	10.782	4.129E-09	33.826	6.765	1.020E-09
262	52.578	10.516	3.831E-09	40.630	8.126	1.768E-09	52.051	10.410	3.717E-09	12.070	2.414	4.635E-11	46.777	9.355	2.698E-09	-12.509	0.000	0.000E+00	44.728	8.946	2.358E-09
263	40.064	8.013	1.695E-09	52.552	10.510	3.825E-09	46.286	9.257	2.614E-09	49.234	9.847	3.146E-09	138.464	27.693	6.997E-08	52.312	10.462	3.773E-09	43.041	8.608	2.102E-09
264	24.756	4.951	3.999E-10	24.458	4.892	3.856E-10	29.807	5.961	6.980E-10	50.633	10.127	3.421E-09	14.860	2.972	8.649E-11	36.354	7.271	1.266E-09	-16.901	0.000	0.000E+00
265	17.204	3.441	1.342E-10	52.830	10.566	3.886E-09	45.076	9.015	2.414E-09	127.683	25.537	5.486E-08	42.635	8.527	2.043E-09	48.491	9.698	3.005E-09	12.406	2.481	5.033E-11
266	47.860	9.572	2.889E-09	37.040	7.408	1.339E-09	51.206	10.241	3.539E-09	42.504	8.501	2.024E-09	133.954	26.791	6.335E-08	15.910	3.182	1.062E-10	41.944	8.389	1.945E-09
267	45.422	9.084	2.470E-09	48.012	9.602	2.917E-09	51.694	10.339	3.641E-09	8.272	1.654	1.492E-11	130.783	26.157	5.896E-08	52.207	10.441	3.750E-09	50.002	10.000	3.295E-09
268	41.380	8.276	1.867E-09	13.994	2.799	7.223E-11	15.726	3.145	1.025E-10	34.400	6.880	1.073E-09	45.609	9.122	2.501E-09	26.917	5.383	5.140E-10	41.673	8.335	1.907E-09
269	49.360	9.872	3.170E-09	44.860	8.972	2.379E-09	42.631	8.526	2.042E-09	38.811	7.762	1.541E-09	14.499	2.900	8.034E-11	41.146	8.229	1.836E-09	45.888	9.178	2.547E-09
270	41.300	8.260	1.857E-09	49.542	9.908	3.205E-09	41.701	8.340	1.911E-09	44.420	8.884	2.310E-09	40.561	8.112	1.759E-09	12.380	2.476	5.001E-11	33.679	6.736	1.007E-09
271	12.455	2.491	5.093E-11	47.064	9.413	2.748E-09	45.994	9.199	2.564E-09	42.996	8.599	2.095E-09	75.631	15.126	1.140E-08	24.241	4.848	3.755E-10	13.626	2.725	6.668E-11
272	11.560	2.312	4.072E-11	35.832	7.166	1.213E-09	43.936	8.787	2.235E-09	42.064	8.413	1.962E-09	38.211	7.642	1.470E-09	53.033	10.607	3.931E-09	51.204	10.241	3.538E-09
273	46.979	9.396	2.733E-09	12.449	2.490	5.085E-11	46.285	9.257	2.613E-09	23.686	4.737	3.502E-10	39.098	7.820	1.575E-09	49.172	9.834	3.134E-09	21.110	4.222	2.479E-10
274	43.212	8.642	2.127E-09	48.665	9.733	3.038E-09	20.852	4.170	2.390E-10	50.469	10.094	3.388E-09	15.703	3.141	1.020E-10	50.375	10.075	3.369E-09	12.479	2.496	5.121E-11
275	39.463	7.893	1.620E-09	53.917	10.783	4.131E-09	50.481	10.096	3.391E-09	30.951	6.190	7.814E-10	42.647	8.529	2.044E-09	39.661	7.932	1.644E-09	38.499	7.700	1.504E-09
276	35.251	7.050	1.155E-09	17.138	3.428	1.327E-10	42.073	8.415	1.963E-09	46.847	9.369	2.710E-09	138.856	27.771	7.056E-08	44.214	8.843	2.278E-09	43.991	8.798	2.244E-09
277	38.516	7.703	1.506E-09	44.299	8.860	2.291E-09	51.934	10.387	3.692E-09	148.923	29.785	8.705E-08	134.289	26.858	6.383E-08	48.632	9.726	3.031E-09	48.022	9.604	2.919E-09
278	23.674	4.735	3.497E-10	14.025	2.805	7.272E-11	12.134	2.427	4.709E-11	42.352	8.470	2.002E-09	37.958	7.592	1.441E-09	39.316	7.863	1.602E-09	44.136	8.827	2.266E-09
279	42.897	8.579	2.080E-09	13.541	2.708	6.544E-11	39.064	7.813	1.571E-09	54.108	10.822	4.175E-09	35.888	7.178	1.218E-09	33.724	6.745	1.011E-09	52.671	10.534	3.851E-09
280	13.531	2.706	6.530E-11	41.965	8.393	1.948E-09	47.583	9.517	2.839E-09	49.558	9.912	3.208E-09	27.012	5.402	5.195E-10	42.111	8.422	1.968E-09	11.386	2.277	3.891E-11
281	50.045	10.009	3.303E-09	46.042	9.208	2.573E-09	46.631	9.326	2.673E-09	39.463	7.893	1.620E-09	13.399	2.680	6.340E-11	47.737	9.547	2.867E-09	51.685	10.337	3.639E-09
282	-22.383	0.000	0.000E+00	15.552	3.110	9.915E-11	44.495	8.899	2.322E-09	14.382	2.876	7.841E-11	39.216	7.843	1.590E-09	41.555	8.311	1.891E-09	37.753	7.551	1.418E-09
283	20.357	4.071	2.224E-10	47.344	9.469	2.797E-09	35.581	7.116	1.187E-09	33.572	6.714	9.973E-10	41.490	8.298	1.882E-09	17.864	3.573	1.503E-10	31.247	6.249	8.041E-10
284	34.087	6.817	1.044E-09	48.019	9.604	2.918E-09	-12.298	0.000	0.000E+00	16.634	3.327	1.213E-10	18.409	3.682	1.644E-10	41.588	8.318	1.896E-09	12.632	2.526	5.312E-11
285	44.139	8.828	2.267E-09	37.671	7.534	1.409E-09	36.001	7.200	1.230E-09	40.330	8.066	1.729E-09	74.482	14.896	1.089E-08	28.331	5.666	5.993E-10	11.158	2.232	3.661E-11
286	35.845	7.169	1.214E-09	50.061	10.012	3.307E-09	42.520	8.504	2.026E-09	9.486	1.897	2.250E-11	48.429	9.686	2.994E-09	37.083	7.417	1.344E-09	47.723	9.545	2.865E-09
287	39.920	7.984	1.677E-09	51.600	10.320	3.621E-09	18.969	3.794	1.799E-10	30.401	6.080	7.405E-10	143.968	28.794	7.865E-08	39.233	7.847	1.592E-09	38.996	7.799	1.563E-09
288	30.426	6.085	7.424E-10	46.812	9.362	2.704E-09	17.382	3.476	1.384E-10	45.286	9.057	2.448E-09	44.978	8.996	2.398E-09	44.858	8.972	2.379E-09	12.679	2.536	5.372E-11
289	30.038	6.008	7.143E-10	48.912	9.782	3.084E-09	20.750	4.150	2.355E-10	33.786	6.757	1.016E-09	146.702	29.340	8.321E-08	14.684	2.937	8.345E-11	44.583	8.917	2.336E-09
290	46.250	9.250	2.608E-09	38.650	7.730	1.522E-09	36.639	7.328	1.296E-09	43.733	8.747	2.205E-09	42.820	8.564	2.069E-09	13.194	2.639	6.054E-11	264.111	52.822	4.856E-07
291	52.345	10.469	3.780E-09	34.404	6.881	1.073E-09	17.684	3.537	1.458E-10	38.317	7.663	1.483E-09	38.185	7.637	1.467E-09	43.535	8.707	2.175E-09	44.826	8.965	2.374E-09
292	34.371	6.874	1.070E-09	56.856	11.371	4.844E-09	14.753	2.951	8.463E-11	50.177	10.035	3.330E-09	41.673	8.335	1.907E-09	52.362	10.472	3.784E-09	53.041	10.608	3.933E-09
293	29.177	5.835	6.546E-10	16.103	3.221	1.101E-10	53.006	10.601	3.925E-09	22.758	4.552	3.107E-10	20.709	4.142	2.341E-10	58.613	11.723	5.307E-09	44.696	8.939	2.353E-09
294	45.668	9.134	2.510E-09	15.544	3.109	9.898E-11	45.863	9.173	2.543E-09	47.433	9.487	2.813E-09	36.684	7.337	1.301E-09	24.271	4.854	3.769E-10	51.227	10.245	3.543E-09
295	51.422	10.284	3.584E-09	34.245	6.849	1.058E-09	49.195	9.839	3.138E-09	53.283	10.657	3.987E-09	46.462	9.292	2.643E-09	44.072	8.814	2.256E-09	35.173	7.035	1.147E-09
296	49.311	9.862	3.160E-09	53.799	10.760	4.104E-09	11.257	2.251	3.759E-11	11.873	2.375	4.411E-11	142.858	28.572	7.684E-08	50.160	10.032	3.326E-09	-12.633	0.000	0.000E+00
297	31.002	6.200	7.854E-10	29.349	5.870	6.663E-10	46.246	9.249	2.607E-09	45.631	9.126	2.504E-09	146.902	29.380	8.355E-08	42.708	8.542	2.053E-09	42.107	8.421	1.968E-09
298	32.380	6.476	8.948E-10	46.345	9.269	2.624E-09	47.296	9.459	2.788E-09	134.104	26.821	6.356E-08	39.156	7.831	1.582E-09	53.942	10.788	4.137E-09	50.655	10.131	3.426E-09
299	29.200	5.840	6.562E-10	44.880	8.976	2.383E-09	53.957	10.791	4.140E-09	37.609	7.522	1.402E-09	54.576	10.915	4.284E-09	24.004	4.801	3.645E-10	29.041	5.808	6.456E-10
300	41.520	8.304	1.886E-09	42.238	8.448	1.986E-09	37.655	7.531	1.407E-09	37.932	7.586	1.438E-09	32.419	6.484	8.980E-10	55.928	11.186	4.611E-09	47.119	9.424	2.757E-09
301	33.753	6.751	1.014E-09	47.797	9.559	2.878E-09	45.999	9.200	2.565E-09	-15.634	0.000	0.000E+00	32.468	6.494	9.021E-10	13.623	2.725	6.663E-11	49.598	9.920	3.216E-09
302	19.533	3.907	1.964E-10	20.782	4.156	2.366E-10	47.989	9.598	2.913E-09	-8.871	0.000	0.000E+00	46.152	9.230	2.591E-09	46.634	9.327	2.673E-09	43.691	8.738	2.198E-09
303	49.819	9.964	3.259E-09	34.337	6.867	1.067E-09	9.694	1.939	2.401E-11	47.240	9.448	2.779E-09	33.615	6.723	1.001E-09	59.461	11.892	5.541E-09	45.754	9.151	2.525E-09
304	52.655	10.531	3.848E-09	42.551	8.510	2.031E-09	49.316	9.863	3.161E-09	77.931	15.586	1.247E-08	38.155	7.631	1.464E-09	37.364	7.473	1.375E-09	22.273	4.455	2.912E-10
305	50.325	10.065	3.359E-09	54.507	10.901	4.268E-09	50.477	10.095	3.390E-09	43.995	8.799	2.244E-09	136.141	2							

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
306	17.802	3.560	1.487E-10	43.797	8.759	2.214E-09	44.833	8.967	2.375E-09	47.120	9.424	2.757E-09	18.027	3.605	1.544E-10	17.077	3.415	1.313E-10	49.356	9.871	3.169E-09
307	48.166	9.633	2.945E-09	26.650	5.330	4.988E-10	47.060	9.412	2.747E-09	42.631	8.526	2.042E-09	16.005	3.201	1.081E-10	54.021	10.804	4.155E-09	44.150	8.830	2.268E-09
308	37.900	7.580	1.435E-09	17.646	3.529	1.448E-10	54.198	10.840	4.196E-09	12.558	2.512	5.219E-11	48.203	9.641	2.952E-09	25.453	5.091	4.346E-10	34.536	6.907	1.086E-09
309	25.015	5.003	4.126E-10	9.455	1.891	2.228E-11	38.920	7.784	1.554E-09	19.788	3.958	2.042E-10	40.037	8.007	1.692E-09	52.210	10.442	3.751E-09	50.452	10.090	3.385E-09
310	18.934	3.787	1.789E-10	40.210	8.042	1.714E-09	46.299	9.260	2.616E-09	134.792	26.958	6.455E-08	145.053	29.011	8.044E-08	12.407	2.481	5.034E-11	51.448	10.290	3.589E-09
311	42.467	8.493	2.019E-09	44.327	8.865	2.296E-09	39.990	7.998	1.686E-09	140.805	28.161	7.358E-08	49.680	9.936	3.232E-09	39.307	7.861	1.601E-09	47.840	9.568	2.886E-09
312	50.934	10.187	3.483E-09	42.693	8.539	2.051E-09	32.924	6.585	9.406E-10	44.279	8.856	2.288E-09	134.248	26.850	6.377E-08	-28.968	0.000	0.000E+00	34.374	6.875	1.070E-09
313	37.579	7.516	1.399E-09	49.616	9.923	3.219E-09	47.237	9.447	2.778E-09	142.643	28.529	7.650E-08	36.971	7.394	1.332E-10	10.726	2.145	3.252E-11	14.502	2.900	8.039E-11
314	24.025	4.805	3.655E-10	46.017	9.203	2.568E-09	51.601	10.320	3.621E-09	34.428	6.886	1.075E-09	19.834	3.967	2.056E-10	40.916	8.183	1.805E-09	11.025	2.205	3.532E-11
315	39.626	7.925	1.640E-09	53.566	10.713	4.051E-09	45.822	9.164	2.536E-09	77.008	15.402	1.204E-08	32.083	6.417	8.704E-10	16.340	3.268	1.150E-10	48.257	9.651	2.962E-09
316	12.838	2.568	5.577E-11	51.814	10.363	3.666E-09	46.385	9.277	2.630E-09	36.455	7.291	1.277E-09	43.528	8.706	2.174E-09	31.185	6.237	7.993E-10	46.103	9.221	2.583E-09
317	48.622	9.724	3.030E-09	35.946	7.189	1.224E-09	35.473	7.095	1.176E-09	45.639	9.128	2.505E-09	74.776	14.955	1.102E-08	42.034	8.407	1.958E-09	45.703	9.141	2.516E-09
318	37.258	7.452	1.363E-09	13.026	2.605	5.825E-11	46.124	9.225	2.586E-09	40.592	8.118	1.763E-09	43.041	8.608	2.102E-09	42.481	8.496	2.021E-09	48.926	9.785	3.087E-09
319	43.169	8.634	2.120E-09	51.137	10.227	3.524E-09	36.776	7.355	1.311E-09	44.791	8.958	2.368E-09	19.381	3.876	1.919E-10	41.209	8.242	1.844E-09	44.500	8.900	2.323E-09
320	26.082	5.216	4.677E-10	28.669	5.734	6.210E-10	54.555	10.911	4.279E-09	48.948	9.790	3.091E-09	39.745	7.949	1.655E-09	45.295	9.059	2.449E-09	45.057	9.011	2.411E-09
321	54.495	10.899	4.265E-09	39.106	7.821	1.576E-09	31.433	6.287	8.185E-10	31.754	6.351	8.439E-10	73.805	14.761	1.060E-08	13.521	2.704	6.515E-11	32.609	6.522	9.139E-10
322	44.807	8.961	2.371E-09	23.055	4.611	3.230E-10	38.823	7.765	1.542E-09	45.230	9.046	2.439E-09	41.029	8.206	1.820E-09	59.712	11.942	5.611E-09	37.230	7.446	1.360E-09
323	13.400	2.680	6.341E-11	56.286	11.257	4.700E-09	36.056	7.211	1.235E-09	49.080	9.816	3.116E-09	44.345	8.869	2.298E-09	37.983	7.597	1.444E-09	60.479	12.096	5.831E-09
324	20.912	4.182	2.410E-10	31.423	6.285	8.178E-10	53.458	10.692	4.027E-09	28.971	5.794	6.409E-10	30.953	6.191	7.816E-10	37.553	7.511	1.396E-09	34.917	6.983	1.122E-09
325	41.032	8.206	1.821E-09	14.466	2.893	7.979E-11	23.107	4.621	3.252E-10	140.120	28.024	7.251E-08	22.068	4.414	2.833E-10	48.793	9.759	3.062E-09	49.756	9.951	3.247E-09
326	9.904	1.981	2.561E-11	19.667	3.933	2.005E-10	44.587	8.917	2.336E-09	42.801	8.560	2.067E-09	20.174	4.035	2.164E-10	42.203	8.441	1.981E-09	17.220	3.444	1.346E-10
327	53.260	10.652	3.982E-09	-31.837	0.000	0.000E+00	39.575	7.915	1.634E-09	48.854	9.771	3.073E-09	36.064	7.213	1.236E-09	48.636	9.727	3.032E-09	57.029	11.406	4.888E-09
328	15.059	3.012	9.001E-11	43.867	8.773	2.225E-09	41.083	8.217	1.828E-09	51.462	10.292	3.592E-09	39.050	7.810	1.569E-09	46.250	9.250	2.607E-09	39.692	7.938	1.648E-09
329	52.235	10.447	3.756E-09	49.522	9.904	3.201E-09	43.057	8.611	2.104E-09	27.766	5.553	5.642E-10	156.184	31.237	1.004E-07	30.917	6.183	7.789E-10	44.601	8.920	2.338E-09
330	40.556	8.111	1.758E-09	17.596	3.519	1.436E-10	35.999	7.200	1.230E-09	14.231	2.846	7.595E-11	44.958	8.992	2.395E-09	24.698	4.940	3.971E-10	14.350	2.870	7.788E-11
331	43.958	8.792	2.239E-09	47.601	9.520	2.843E-09	43.790	8.758	2.213E-09	43.335	8.667	2.145E-09	44.017	8.803	2.248E-09	49.905	9.981	3.276E-09	43.559	8.712	2.178E-09
332	39.484	7.897	1.622E-09	38.573	7.715	1.513E-09	54.668	10.934	4.306E-09	60.481	12.096	5.831E-09	48.351	9.670	2.979E-09	35.144	7.029	1.144E-09	20.979	4.196	2.433E-10
333	54.458	10.892	4.257E-09	37.237	7.447	1.361E-09	48.200	9.640	2.951E-09	12.792	2.558	5.517E-11	11.937	2.387	4.483E-11	24.988	4.998	4.112E-10	52.666	10.533	3.850E-09
334	53.516	10.703	4.040E-09	44.940	8.988	2.392E-09	40.187	8.037	1.711E-09	47.289	9.458	2.787E-09	20.112	4.022	2.144E-10	12.327	2.465	4.937E-11	32.594	6.519	9.126E-10
335	35.687	7.137	1.198E-09	16.038	3.208	1.087E-10	54.031	10.806	4.157E-09	42.852	8.570	2.074E-09	47.397	9.479	2.806E-09	11.383	2.277	3.887E-11	48.531	9.706	3.013E-09
336	20.891	4.178	2.403E-10	11.808	2.362	4.339E-11	43.128	8.626	2.114E-09	44.184	8.837	2.273E-09	46.898	9.380	2.719E-09	53.933	10.787	4.135E-09	47.989	9.598	2.913E-09
337	54.754	10.951	4.326E-09	43.578	8.716	2.181E-09	24.082	4.816	3.681E-10	13.165	2.633	6.014E-11	13.012	2.602	5.807E-11	24.007	4.801	3.647E-10	40.970	8.194	1.813E-09
338	26.620	5.324	4.972E-10	22.362	4.472	2.947E-10	13.748	2.750	6.849E-11	147.474	29.495	8.454E-08	42.358	8.472	2.003E-09	37.502	7.500	1.390E-09	39.307	7.861	1.601E-09
339	50.142	10.028	3.323E-09	44.172	8.834	2.272E-09	27.625	5.525	5.557E-10	37.293	7.459	1.367E-09	34.812	6.962	1.112E-09	51.724	10.345	3.647E-09	51.347	10.269	3.568E-09
340	50.053	10.011	3.305E-09	-30.806	0.000	0.000E+00	46.692	9.338	2.683E-09	10.624	2.125	3.160E-11	51.587	10.317	3.618E-09	45.464	9.093	2.477E-09	42.280	8.456	1.992E-09
341	-31.665	0.000	0.000E+00	36.801	7.360	1.314E-09	26.428	5.286	4.865E-10	36.418	7.284	1.273E-09	11.852	2.370	4.389E-11	25.371	5.074	4.304E-10	18.935	3.787	1.789E-10
342	113.288	22.658	3.832E-08	46.202	9.240	2.599E-09	36.867	7.373	1.321E-09	58.625	11.725	5.310E-09	39.180	7.836	1.585E-09	47.157	9.431	2.764E-09	49.294	9.859	3.157E-09
343	28.013	5.603	5.794E-10	33.578	6.716	9.979E-10	52.217	10.443	3.753E-09	39.308	7.862	1.601E-09	39.601	7.920	1.637E-09	38.504	7.701	1.505E-09	26.576	5.315	4.947E-10
344	42.900	8.580	2.081E-09	45.134	9.027	2.423E-09	42.369	8.474	2.005E-09	44.608	8.922	2.340E-09	34.610	6.922	1.093E-09	45.548	9.110	2.491E-09	44.907	8.981	2.387E-09
345	35.491	7.098	1.178E-09	43.371	8.674	2.150E-09	22.890	4.578	3.161E-10	53.186	10.637	3.965E-09	16.672	3.334	1.221E-10	33.075	6.615	9.536E-10	41.818	8.364	1.927E-09
346	40.743	8.149	1.783E-09	53.153	10.631	3.958E-09	32.260	6.452	8.849E-10	10.968	2.194	3.477E-11	29.135	5.827	6.518E-10	53.323	10.665	3.996E-09	42.846	8.569	2.073E-09
347	44.287	8.857	2.289E-09	41.760	8.352	1.891E-09	45.554	9.111	2.492E-09	33.480	6.696	9.891E-09	21.256	4.251	2.531E-10	45.458	9.092	2.476E-09	54.565	10.913	4.282E-09
348	21.643	4.329	2.672E-10	22.206	4.441	2.886E-10	40.657	8.131	1.771E-09	21.681	4.336	2.686E-10	48.996	9.799	3.100E-09	39.947	7.989	1.680E-09	39.106	7.821	1.576E-09
349	-46.635	0.000	0.000E+00	20.115	4.023	2.145E-10	48.295	9.659	2.969E-09	13.080	2.616	5.898E-11	43.671	8.734	2.195E-09	32.479	6.496	9.030E-10	48.788	9.758	3.061E-09
350	48.024	9.605	2.919E-09	33.202	6.640	9.647E-10	18.071	3.614	1.555E-10	41.703	8.341	1.912E-09	40.398	8.080	1.738E-09	52.319	10.464	3.775E-09	49.087		

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
351	36.038	7.208	1.234E-09	18.184	3.637	1.585E-10	15.590	3.118	9.987E-11	26.166	5.233	4.722E-10	59.997	11.999	5.692E-09	12.107	2.421	4.677E-11	30.397	6.079	7.402E-10
352	39.356	7.871	1.607E-09	37.352	7.470	1.373E-09	48.953	9.791	3.092E-09	139.685	27.937	7.184E-08	49.910	9.982	3.277E-09	24.537	4.907	3.894E-10	44.326	8.865	2.295E-09
353	42.470	8.494	2.019E-09	28.146	5.629	5.877E-10	-29.490	0.000	0.000E+00	45.345	9.069	2.457E-09	43.531	8.706	2.174E-09	42.877	8.575	2.078E-09	13.678	2.736	6.745E-11
354	38.531	7.706	1.508E-09	34.826	6.965	1.113E-09	40.354	8.071	1.732E-09	35.817	7.163	1.211E-09	44.397	8.879	2.306E-09	-6.923	0.000	0.000E+00	11.136	2.227	3.639E-11
355	38.338	7.668	1.485E-09	35.714	7.143	1.201E-09	45.534	9.107	2.488E-09	21.493	4.299	2.617E-10	27.523	5.505	5.495E-10	43.787	8.757	2.213E-09	44.983	8.997	2.399E-09
356	48.370	9.674	2.983E-09	50.790	10.158	3.453E-09	26.994	5.399	5.184E-10	18.194	3.639	1.587E-10	15.493	3.099	9.801E-11	41.582	8.316	1.895E-09	35.532	7.106	1.182E-09
357	81.721	16.344	1.438E-08	47.973	9.595	2.910E-09	27.489	5.498	5.475E-10	40.205	8.041	1.713E-09	50.200	10.040	3.334E-09	30.425	6.085	7.423E-10	43.526	8.705	2.173E-09
358	41.467	8.293	1.879E-09	39.172	7.834	1.584E-09	33.605	6.721	1.000E-09	12.459	2.492	5.098E-11	157.986	31.597	1.039E-07	35.375	7.075	1.167E-09	48.737	9.747	3.051E-09
359	28.728	5.746	6.249E-10	30.776	6.155	7.683E-10	46.011	9.202	2.567E-09	54.550	10.910	4.278E-09	136.385	27.277	6.686E-08	26.980	5.396	5.176E-10	37.569	7.514	1.398E-09
360	49.486	9.897	3.194E-09	38.808	7.762	1.541E-09	45.721	9.144	2.519E-09	140.013	28.003	7.234E-08	17.635	3.527	1.445E-10	47.217	9.443	2.774E-09	52.312	10.462	3.773E-09
361	32.917	6.583	9.401E-10	28.158	5.632	5.884E-10	31.115	6.223	7.940E-10	36.002	7.200	1.230E-09	11.140	2.228	3.644E-11	50.024	10.005	3.299E-09	28.068	5.614	5.828E-10
362	34.994	6.999	1.129E-09	47.899	9.580	2.896E-09	46.810	9.362	2.703E-09	40.621	8.124	1.767E-09	34.405	6.881	1.073E-09	39.731	7.946	1.653E-09	17.014	3.403	1.298E-10
363	41.186	8.237	1.841E-09	43.253	8.651	2.133E-09	11.791	2.358	4.320E-11	31.897	6.379	8.554E-10	14.477	2.895	7.997E-11	35.802	7.160	1.209E-09	10.468	2.094	3.023E-11
364	39.335	7.867	1.604E-09	38.511	7.702	1.505E-09	28.067	5.613	5.827E-10	29.047	5.809	6.459E-10	159.909	31.982	1.078E-07	44.431	8.886	2.312E-09	47.899	9.580	2.897E-09
365	44.349	8.870	2.299E-09	47.929	9.586	2.902E-09	33.276	6.655	9.712E-10	44.124	8.825	2.264E-09	51.829	10.366	3.670E-09	47.951	9.590	2.906E-09	40.639	8.128	1.769E-09
366	34.819	6.964	1.113E-09	40.831	8.166	1.794E-09	45.405	9.081	2.467E-09	26.461	5.292	4.883E-10	40.538	8.108	1.756E-09	37.895	7.579	1.434E-09	44.236	8.847	2.282E-09
367	42.098	8.420	1.966E-09	28.034	5.607	5.807E-10	27.365	5.473	5.401E-10	34.810	6.962	1.112E-09	41.600	8.320	1.897E-09	-17.872	0.000	0.000E+00	19.663	3.933	2.004E-10
368	48.126	9.625	2.938E-09	45.747	9.149	2.523E-09	43.991	8.798	2.244E-09	138.341	27.668	6.978E-08	42.733	8.547	2.057E-09	37.697	7.539	1.412E-09	49.435	9.887	3.184E-09
369	79.719	15.944	1.335E-08	51.013	10.203	3.499E-09	39.124	7.825	1.578E-09	54.048	10.810	4.161E-09	43.596	8.719	2.184E-09	49.530	9.906	3.203E-09	21.258	4.252	2.532E-10
370	36.532	7.306	1.285E-09	15.267	3.053	9.379E-11	27.270	5.454	5.345E-10	40.016	8.003	1.689E-09	25.227	5.045	4.231E-10	44.788	8.958	2.368E-09	41.044	8.209	1.822E-09
371	42.882	8.576	2.078E-09	47.710	9.542	2.862E-09	-28.182	0.000	0.000E+00	-56.877	0.000	0.000E+00	47.423	9.485	2.811E-09	48.762	9.752	3.056E-09	39.736	7.947	1.654E-09
372	30.986	6.197	7.841E-10	40.111	8.022	1.701E-09	20.715	4.143	2.343E-10	72.059	14.412	9.862E-09	19.156	3.831	1.853E-10	37.423	7.485	1.381E-09	8.408	1.682	1.567E-11
373	16.215	3.243	1.124E-10	39.325	7.865	1.603E-09	45.646	9.129	2.507E-09	13.872	2.774	7.035E-11	9.517	1.903	2.272E-11	40.454	8.091	1.745E-09	22.098	4.420	2.844E-10
374	36.192	7.328	1.249E-09	33.394	6.679	9.815E-10	49.421	9.884	3.182E-09	43.060	8.612	2.104E-09	39.813	7.963	1.663E-09	86.986	17.397	1.735E-08	41.839	8.368	1.930E-09
375	38.420	7.684	1.495E-09	28.099	5.620	5.848E-10	93.015	18.603	2.121E-08	42.531	8.506	2.028E-09	48.094	9.619	2.932E-09	31.066	6.213	7.903E-10	11.467	2.293	3.974E-11
376	21.902	4.380	2.769E-10	15.558	3.112	9.925E-11	98.372	19.674	2.509E-08	31.748	6.350	8.434E-10	51.824	10.365	3.668E-09	40.313	8.063	1.727E-09	44.228	8.846	2.280E-09
377	34.285	6.857	1.062E-09	38.889	7.778	1.550E-09	49.992	9.998	3.293E-09	69.984	13.997	9.034E-09	49.589	9.918	3.214E-09	41.624	8.325	1.901E-09	40.538	8.108	1.756E-09
378	41.724	8.345	1.915E-09	44.228	8.846	2.280E-09	12.166	2.433	4.746E-11	47.193	9.439	2.770E-09	133.503	26.701	6.271E-08	37.664	7.533	1.408E-09	47.444	9.489	2.815E-09
379	41.439	8.288	1.876E-09	34.408	6.882	1.074E-09	51.312	10.262	3.561E-09	47.363	9.473	2.800E-09	12.868	2.574	5.616E-11	45.960	9.192	2.559E-09	30.280	6.056	7.317E-10
380	12.523	2.505	5.176E-11	35.840	7.168	1.213E-09	55.039	11.008	4.394E-09	49.373	9.875	3.172E-09	149.996	29.999	8.895E-08	38.112	7.622	1.459E-09	44.517	8.903	2.325E-09
381	43.948	8.790	2.237E-09	46.540	9.308	2.657E-09	29.366	5.873	6.674E-10	30.266	6.053	7.308E-10	53.114	10.623	3.949E-09	51.180	10.236	3.533E-09	56.090	11.218	4.651E-09
382	39.369	7.874	1.608E-09	49.481	9.896	3.193E-09	32.287	6.457	8.871E-10	107.133	21.427	3.241E-08	28.958	5.792	6.400E-10	37.871	7.574	1.432E-09	-35.042	0.000	0.000E+00
383	34.944	6.989	1.125E-09	41.005	8.201	1.817E-09	17.238	3.448	1.350E-10	40.562	8.112	1.759E-09	26.777	5.355	5.060E-10	45.438	9.088	2.473E-09	48.857	9.771	3.074E-09
384	40.403	8.081	1.738E-09	50.914	10.183	3.479E-09	39.664	7.933	1.645E-09	134.460	26.892	6.407E-08	87.302	17.460	1.754E-08	18.105	3.621	1.564E-10	27.511	5.502	5.488E-10
385	37.722	7.544	1.415E-09	35.981	7.196	1.228E-09	41.009	8.202	1.818E-09	40.575	8.115	1.761E-09	46.161	9.232	2.592E-09	15.532	3.106	9.876E-11	45.873	9.175	2.544E-09
386	45.287	9.057	2.448E-09	36.036	7.207	1.233E-09	35.865	7.173	1.216E-09	47.182	9.436	2.768E-09	89.350	17.870	1.880E-08	32.406	6.481	8.970E-10	34.418	6.884	1.075E-09
387	25.611	5.122	4.428E-10	36.695	7.339	1.302E-09	83.350	16.670	1.526E-08	13.442	2.688	6.402E-11	39.580	7.916	1.634E-09	43.566	8.713	2.179E-09	21.460	4.292	2.605E-10
388	46.108	9.222	2.584E-09	33.395	6.679	9.816E-10	42.684	8.537	2.050E-09	47.658	9.472	2.853E-09	45.105	9.021	2.419E-09	47.405	9.481	2.808E-09	46.349	9.270	2.624E-09
389	15.357	3.071	9.545E-11	12.318	2.464	4.926E-11	10.856	2.171	3.373E-11	100.527	20.105	2.678E-08	50.080	10.016	3.310E-09	48.516	9.703	3.010E-09	35.588	7.118	1.188E-09
390	23.070	4.614	3.236E-10	24.286	4.857	3.775E-10	12.950	2.590	5.724E-11	32.393	6.479	8.959E-10	49.266	9.853	3.152E-09	29.752	5.950	6.941E-10	45.174	9.035	2.430E-09
391	52.523	10.505	3.819E-09	39.479	7.896	1.622E-09	12.183	2.437	4.766E-11	53.231	10.946	3.975E-09	10.599	2.120	3.138E-11	41.580	8.316	1.895E-09	37.452	7.490	1.385E-09
392	47.292	9.458	2.788E-09	44.809	8.962	2.371E-09	114.899	22.980	3.998E-08	19.679	6.338	2.009E-10	23.440	4.688	3.395E-10	28.770	5.754	6.277E-10	14.741	2.948	8.443E-11
393	36.109	7.222	1.241E-09	19.160	3.832	1.854E-10	45.579	9.116	2.496E-09	41.966	8.393	1.948E-09	45.235	9.047	2.440E-09	45.224	9.045	2.438E-09	36.406	7.281	1.272E-09
394	26.401	5.280	4.850E-10	40.998	8.200	1.816E-09	38.123	7.625	1.460E-09	41.582	8.316	1.895E-09	46.894	9.379	2.718E-09	36.868	7.374	1.321E-09	38.733	7.747	1.532E-09
395	48.720	9.744	3.048E-09	34.558	6.912	1.088E-09	28.906	5.781	6.366E-10	43.031	8.606	2.100E-09	48.350	9.670	2.979E-09	42.223	8.445	1.984E-09	43.917	8.783	

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
396	25.604	5.121	4.424E-10	46.814	9.363	2.704E-09	39.609	7.922	1.638E-09	-11.864	0.000	0.000E+00	42.947	8.589	2.088E-09	47.974	9.595	2.910E-09	48.851	9.770	3.073E-09
397	62.898	12.580	6.559E-09	19.144	3.829	1.849E-10	39.999	8.000	1.687E-09	145.893	29.179	8.185E-08	42.963	8.593	2.090E-09	43.133	8.627	2.115E-09	20.070	4.014	2.131E-10
398	7.377	1.475	1.058E-11	42.359	8.472	2.003E-09	13.563	2.713	6.576E-11	31.119	6.224	7.943E-10	51.002	10.200	3.497E-09	46.281	9.256	2.613E-09	38.294	7.659	1.480E-09
399	40.921	8.184	1.806E-09	27.498	5.500	5.480E-10	83.415	16.683	1.530E-08	26.178	5.236	4.728E-10	28.900	5.780	6.362E-10	41.096	8.219	1.829E-09	9.537	1.907	2.286E-11
400	21.208	4.242	2.514E-10	20.708	4.142	2.340E-10	76.229	15.246	1.167E-08	51.363	10.273	3.571E-09	50.656	10.131	3.426E-09	35.023	7.005	1.132E-09	19.469	3.894	1.945E-10
401	44.660	8.932	2.348E-09	44.991	8.998	2.400E-09	75.845	15.169	1.150E-08	18.935	3.787	1.789E-10	41.806	8.361	1.926E-09	13.058	2.612	5.869E-11	39.388	7.878	1.611E-09
402	33.853	6.771	1.023E-09	35.432	7.086	1.172E-09	49.195	9.839	3.138E-09	56.004	11.201	4.630E-09	42.968	8.594	2.091E-09	85.304	17.061	1.636E-08	49.314	9.863	3.161E-09
403	44.557	8.911	2.332E-09	33.685	6.737	1.007E-09	44.159	8.832	2.270E-09	20.900	4.180	2.406E-10	80.606	16.121	1.380E-08	17.300	3.460	1.365E-10	10.226	2.045	2.818E-11
404	44.679	8.936	2.351E-09	25.133	5.027	4.184E-10	41.308	8.262	1.858E-09	9.742	1.948	2.437E-11	76.193	15.239	1.166E-08	49.488	9.898	3.194E-09	45.894	9.179	2.548E-09
405	40.580	8.116	1.761E-09	44.644	8.929	2.345E-09	47.466	9.493	2.819E-09	44.376	8.875	2.303E-09	19.931	3.986	2.087E-10	38.740	7.748	1.532E-09	80.074	16.015	1.353E-08
406	35.811	7.162	1.210E-09	43.659	8.732	2.193E-09	32.622	6.524	9.150E-10	35.466	7.093	1.176E-09	138.685	27.737	7.030E-08	35.342	7.068	1.163E-09	15.365	3.073	9.561E-11
407	38.941	7.788	1.556E-09	39.172	7.834	1.584E-09	-24.765	0.000	0.000E+00	49.570	9.914	3.210E-09	151.386	30.277	9.144E-08	84.993	16.999	1.618E-08	45.251	9.050	2.442E-09
408	34.229	6.846	1.057E-09	38.910	7.782	1.553E-09	42.407	8.481	2.010E-09	14.467	2.893	7.981E-11	45.709	9.142	2.517E-09	42.783	8.557	2.064E-09	10.385	2.077	2.952E-11
409	44.002	8.800	2.245E-09	16.935	3.387	1.280E-10	9.991	1.998	2.628E-11	36.177	7.235	1.248E-09	37.408	7.482	1.380E-09	38.483	7.697	1.502E-09	29.028	5.806	6.447E-10
410	14.976	2.995	8.853E-11	42.198	8.440	1.980E-09	46.054	9.211	2.574E-09	39.657	7.931	1.644E-09	36.892	7.378	1.323E-09	137.838	27.568	6.902E-08	43.686	8.737	2.197E-09
411	40.629	8.126	1.768E-09	39.185	7.837	1.586E-09	44.125	8.825	2.264E-09	34.761	6.952	1.107E-09	10.774	2.155	3.296E-11	39.559	7.912	1.632E-09	36.086	7.217	1.239E-09
412	16.420	3.284	1.167E-10	14.488	2.898	8.016E-11	42.920	8.584	2.084E-09	41.173	8.235	1.840E-09	43.984	8.797	2.243E-09	12.735	2.547	5.444E-11	42.839	8.568	2.072E-09
413	42.413	8.483	2.011E-09	17.359	3.472	1.379E-10	89.664	17.933	1.900E-08	38.175	7.635	1.466E-09	44.237	8.847	2.282E-09	145.627	29.125	8.140E-08	37.965	7.593	1.442E-09
414	41.943	8.389	1.945E-09	47.551	9.510	2.834E-09	46.922	9.384	2.723E-09	12.223	2.445	4.813E-11	10.150	2.030	2.756E-11	28.692	5.738	6.225E-10	-27.423	0.000	0.000E+00
415	42.053	8.411	1.960E-09	50.695	10.139	3.434E-09	41.972	8.394	1.949E-09	47.117	9.423	2.757E-09	33.763	6.753	1.014E-09	139.621	27.924	7.174E-08	46.078	9.216	2.579E-09
416	43.733	8.747	2.205E-09	52.773	10.555	3.874E-09	59.132	11.826	5.450E-09	47.986	9.597	2.912E-09	29.931	5.986	7.067E-10	34.791	6.958	1.110E-09	40.827	8.165	1.794E-09
417	41.963	8.393	1.947E-09	45.426	9.085	2.471E-09	13.851	2.770	7.004E-11	43.945	8.789	2.237E-09	44.161	8.832	2.270E-09	47.745	9.549	2.869E-09	38.412	7.682	1.494E-09
418	36.271	7.254	1.258E-09	39.980	7.996	1.684E-09	51.572	10.314	3.615E-09	38.469	7.694	1.500E-09	22.375	4.475	2.952E-10	141.660	28.332	7.493E-08	13.187	2.637	6.044E-11
419	39.143	7.829	1.581E-09	-17.577	0.000	0.000E+00	-13.386	0.000	0.000E+00	36.621	7.324	1.294E-09	125.568	25.114	5.218E-08	49.127	9.825	3.125E-09	40.844	8.169	1.796E-09
420	139.701	27.940	7.186E-08	34.343	6.869	1.068E-09	28.425	5.685	6.053E-10	34.587	6.917	1.091E-09	50.827	10.165	3.461E-09	20.754	4.151	2.356E-10	24.384	4.877	3.821E-10
421	46.095	9.219	2.581E-09	40.332	8.066	1.729E-09	32.324	6.465	8.901E-10	50.174	10.035	3.329E-09	49.605	9.921	3.217E-09	34.663	6.933	1.098E-09	36.446	7.289	1.276E-09
422	35.350	7.070	1.164E-09	42.997	8.599	2.095E-09	40.250	8.050	1.719E-09	140.350	28.070	7.287E-08	49.462	9.892	3.189E-09	42.432	8.486	2.014E-09	30.735	6.147	7.652E-10
423	85.967	17.193	1.675E-08	38.947	7.789	1.557E-09	32.265	6.453	8.853E-10	37.957	7.591	1.441E-09	30.502	6.100	7.480E-10	184.078	36.816	1.644E-07	35.745	7.149	1.204E-09
424	80.305	16.061	1.365E-08	18.057	3.611	1.552E-10	36.241	7.248	1.255E-09	38.929	7.786	1.555E-09	30.266	6.053	7.307E-10	30.538	6.108	7.506E-10	41.640	8.328	1.903E-09
425	15.478	3.096	9.774E-11	39.729	7.946	1.653E-09	57.513	11.503	5.014E-09	141.415	28.283	7.454E-08	38.359	7.672	1.488E-09	12.523	2.505	5.176E-11	38.690	7.738	1.526E-09
426	45.845	9.169	2.540E-09	38.329	7.666	1.484E-09	84.564	16.913	1.594E-08	72.779	14.556	1.016E-08	27.097	5.419	5.244E-10	50.554	10.111	3.405E-09	35.046	7.009	1.134E-09
427	45.610	9.122	2.501E-09	18.909	3.782	1.782E-10	129.266	25.853	5.693E-08	40.311	8.062	1.726E-09	23.220	4.644	3.300E-10	25.220	5.044	4.228E-10	52.982	10.596	3.920E-09
428	82.594	16.519	1.485E-08	46.999	9.400	2.736E-09	18.291	3.658	1.613E-10	38.370	7.674	1.489E-09	241.250	48.250	3.701E-07	35.912	7.182	1.221E-09	144.944	28.989	8.026E-08
429	45.144	9.029	2.425E-09	34.879	6.976	1.118E-09	48.341	9.668	2.977E-09	48.704	9.741	3.045E-09	37.853	7.571	1.430E-09	48.105	9.621	2.934E-09	49.673	9.935	3.230E-09
430	37.871	7.574	1.432E-09	21.621	4.324	2.664E-10	40.346	8.069	1.731E-09	31.446	6.289	8.196E-10	51.976	10.395	3.701E-09	16.609	3.322	1.208E-10	40.239	8.048	1.717E-09
431	33.277	6.655	9.712E-10	35.603	7.121	1.189E-09	30.163	6.033	7.233E-10	37.800	7.560	1.424E-09	16.654	3.331	1.217E-10	148.206	29.641	8.580E-08	34.531	6.906	1.085E-09
432	51.595	10.319	3.620E-09	40.591	8.118	1.763E-09	29.601	5.920	6.836E-10	134.931	26.986	6.475E-08	33.584	6.717	9.983E-10	44.277	8.855	2.288E-09	48.561	9.712	3.018E-09
433	45.767	9.153	2.527E-09	36.548	7.310	1.287E-09	54.668	10.934	4.306E-09	45.319	9.064	2.453E-09	33.186	6.637	9.633E-10	91.926	18.385	2.047E-08	48.577	9.715	3.021E-09
434	49.403	9.881	3.178E-09	10.610	2.122	3.148E-11	15.634	3.127	1.007E-10	36.246	7.249	1.255E-09	140.839	28.168	7.363E-08	19.702	3.940	2.016E-10	40.641	8.128	1.769E-09
435	84.519	16.904	1.591E-08	13.368	2.674	6.296E-11	87.259	17.452	1.751E-08	18.664	3.733	1.713E-10	-5.410	0.000	0.000E+00	81.795	16.359	1.442E-08	34.567	6.913	1.089E-09
436	91.264	18.253	2.004E-08	13.256	2.651	6.140E-11	142.063	28.413	7.557E-08	36.327	7.265	1.264E-09	82.325	16.465	1.471E-08	45.600	9.120	2.499E-09	35.867	7.173	1.216E-09
437	52.020	10.404	3.710E-09	41.665	8.333	1.906E-09	29.325	5.865	6.646E-10	36.943	7.389	1.329E-09	44.603	8.921	2.339E-09	41.803	8.361	1.925E-09	51.525	10.305	3.605E-09
438	-8.451	0.000	0.000E+00	32.421	6.484	8.982E-10	41.199	8.240	1.843E-09	48.673	9.735	3.039E-09	31.885	6.377	8.544E-10	38.136	7.627	1.462E-09	45.461	9.092	2.476E-09
439	42.281	8.456	1.992E-09	22.145	4.429	2.862E-10	41.770	8.354	1.921E-09	34.468	6.894	1.079E-09	12.687	2.537	5.383E-11	24.511	4.902	3.881E-10	42.008	8.402	1.954E-09
440	15.675	3.135	1.015E-10	35.532	7.106	1.182E-09	79.636	15.927	1.331E-08	92.363	18.473	2.077E-08	39.870	7.974	1.670E-0						

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
441	43.391	8.678	2.153E-09	7.518	1.504	1.120E-11	47.471	9.494	2.820E-09	47.676	9.535	2.856E-09	44.674	8.935	2.350E-09	39.853	7.971	1.668E-09	9.690	1.938	2.398E-11
442	44.056	8.811	2.254E-09	109.819	21.964	3.491E-08	39.246	7.849	1.593E-09	46.761	9.352	2.695E-09	42.929	8.586	2.085E-09	46.307	9.261	2.617E-09	45.126	9.025	2.422E-09
443	46.436	9.287	2.639E-09	14.399	2.880	7.868E-11	40.243	8.049	1.718E-09	39.191	7.838	1.586E-09	11.568	2.314	4.081E-11	49.499	9.900	3.197E-09	38.810	7.762	1.541E-09
444	97.007	19.401	2.406E-08	51.912	10.382	3.687E-09	39.119	7.824	1.578E-09	40.861	8.172	1.798E-09	43.120	8.624	2.113E-09	41.645	8.329	1.904E-09	30.470	6.094	7.456E-10
445	38.864	7.773	1.547E-09	49.570	9.914	3.210E-09	41.531	8.306	1.888E-09	25.150	5.030	4.193E-10	13.576	2.715	6.595E-11	35.374	7.075	1.167E-09	48.351	9.670	2.979E-09
446	89.062	17.812	1.862E-08	39.603	7.921	1.637E-09	95.316	19.063	2.282E-08	45.435	9.087	2.472E-09	45.208	9.042	2.435E-09	28.570	5.714	6.146E-10	29.692	5.938	6.899E-10
447	44.476	8.895	2.319E-09	43.526	8.705	2.173E-09	27.948	5.590	5.754E-10	6.554	1.311	7.420E-12	7.085	1.417	9.375E-12	46.251	9.250	2.608E-09	41.074	8.215	1.826E-09
448	44.271	8.854	2.287E-09	88.068	17.614	1.800E-08	30.681	6.136	7.612E-10	36.086	7.217	1.239E-09	43.042	8.608	2.102E-09	46.638	9.328	2.674E-09	36.803	7.361	1.314E-09
449	49.464	9.893	3.190E-09	42.839	8.568	2.072E-09	11.550	2.310	4.061E-11	43.477	8.695	2.166E-09	151.252	30.250	9.120E-08	12.823	2.565	5.557E-11	26.801	5.360	5.074E-10
450	7.409	1.482	1.072E-11	31.638	6.328	8.347E-10	37.290	7.458	1.367E-09	87.769	17.554	1.782E-08	9.605	1.921	2.336E-11	39.266	7.853	1.596E-09	36.767	7.353	1.310E-09
451	41.914	8.383	1.941E-09	138.169	27.634	6.952E-08	41.008	8.202	1.818E-09	46.939	9.388	2.726E-09	30.284	6.057	7.320E-10	10.381	2.076	2.948E-11	39.321	7.864	1.602E-09
452	41.621	8.324	1.900E-09	40.879	8.176	1.801E-09	88.286	17.657	1.814E-08	-39.217	0.000	0.000E+00	51.896	10.379	3.684E-09	46.881	9.376	2.716E-09	17.672	3.534	1.455E-10
453	216.318	43.264	2.668E-07	129.617	25.923	5.739E-08	93.257	18.651	2.138E-08	44.737	8.947	2.360E-09	49.182	9.836	3.136E-09	42.425	8.485	2.013E-09	41.090	8.218	1.828E-09
454	133.034	26.607	6.206E-08	47.389	9.478	2.805E-09	41.255	8.251	1.851E-09	13.137	2.627	5.976E-11	38.897	7.779	1.551E-09	31.503	6.301	8.241E-10	48.694	9.739	3.043E-09
455	95.523	19.105	2.297E-08	159.055	31.811	1.061E-07	148.524	29.705	8.635E-08	41.137	8.227	1.835E-09	9.982	1.996	2.621E-11	47.132	9.426	2.759E-09	46.637	9.327	2.673E-09
456	95.162	19.032	2.271E-08	34.845	6.969	1.115E-09	45.716	9.143	2.518E-09	127.902	25.580	5.515E-08	14.423	2.885	7.908E-11	40.671	8.134	1.773E-09	48.738	9.748	3.051E-09
457	43.893	8.779	2.229E-09	45.299	9.060	2.450E-09	63.959	12.792	6.896E-09	41.185	8.237	1.841E-09	137.698	27.540	6.881E-08	43.227	8.645	2.129E-09	151.268	30.254	9.123E-08
458	19.441	3.888	1.937E-10	130.312	26.062	5.832E-08	78.652	15.730	1.282E-08	40.767	8.153	1.786E-09	39.781	7.956	1.659E-09	42.820	8.564	2.069E-09	34.172	6.834	1.052E-09
459	37.045	7.409	1.340E-09	40.459	8.092	1.746E-09	42.987	8.597	2.094E-09	7.951	1.590	1.325E-11	51.927	10.385	3.690E-09	44.212	8.842	2.278E-09	66.408	13.282	7.719E-09
460	43.677	8.735	2.196E-09	39.451	7.890	1.618E-09	38.434	7.687	1.496E-09	43.431	8.686	2.159E-09	-33.400	0.000	0.000E+00	86.884	17.377	1.729E-08	37.361	7.472	1.374E-09
461	30.478	6.096	7.462E-10	36.272	7.254	1.258E-09	50.141	10.028	3.323E-09	12.938	2.588	5.708E-11	142.864	28.573	7.685E-08	11.357	2.271	3.861E-11	42.267	8.453	1.990E-09
462	16.868	3.374	1.265E-10	73.408	14.682	1.043E-08	21.343	4.269	2.563E-10	44.335	8.867	2.297E-09	26.135	5.227	4.705E-10	31.825	6.365	8.496E-10	86.511	17.302	1.706E-08
463	40.815	8.163	1.792E-09	-19.503	0.000	0.000E+00	46.076	9.215	2.578E-09	39.747	7.949	1.655E-09	33.621	6.724	1.002E-09	43.672	8.734	2.195E-09	34.715	6.943	1.103E-09
464	40.152	8.030	1.706E-09	102.146	20.429	2.809E-08	8.001	1.600	1.350E-11	81.015	16.203	1.402E-08	40.604	8.121	1.764E-09	10.721	2.144	3.248E-11	45.136	9.027	2.424E-09
465	43.415	8.683	2.157E-09	140.323	28.065	7.282E-08	33.783	6.757	1.016E-09	26.643	5.329	4.985E-10	84.045	16.809	1.565E-08	41.211	8.242	1.845E-09	10.263	2.053	2.849E-11
466	26.288	5.258	4.788E-10	28.391	5.678	6.032E-10	11.023	2.205	3.530E-11	151.115	30.223	9.095E-08	10.711	2.142	3.239E-11	135.716	27.143	6.588E-08	35.975	7.195	1.227E-09
467	87.509	17.502	1.766E-08	45.049	9.010	2.410E-09	42.215	8.443	1.983E-09	42.641	8.528	2.043E-09	8.984	1.797	1.911E-11	38.705	7.741	1.528E-09	49.112	9.822	3.122E-09
468	38.839	7.768	1.544E-09	30.809	6.162	7.708E-10	11.135	2.227	3.639E-11	45.474	9.095	2.479E-09	137.507	27.501	6.853E-08	33.530	6.706	9.936E-10	44.604	8.921	2.339E-09
469	37.695	7.539	1.412E-09	35.349	7.070	1.164E-09	32.791	6.558	9.293E-10	44.052	8.810	2.253E-09	15.456	3.091	9.732E-11	33.413	6.683	9.832E-10	41.691	8.338	1.910E-09
470	133.464	26.693	6.266E-08	26.942	5.388	5.154E-10	49.146	9.829	3.129E-09	142.869	28.574	7.686E-08	40.133	8.027	1.704E-09	32.382	6.476	8.950E-10	24.135	4.827	3.706E-10
471	41.764	8.353	1.920E-09	147.795	29.559	8.509E-08	40.929	8.186	1.807E-09	42.102	8.420	1.967E-09	98.798	19.760	2.542E-08	49.367	9.873	3.171E-09	41.631	8.326	1.902E-09
472	122.256	24.451	4.816E-08	87.638	17.528	1.774E-08	89.575	17.915	1.894E-08	16.187	3.237	1.118E-10	30.101	6.020	7.189E-10	20.356	4.071	2.223E-10	41.327	8.265	1.860E-09
473	79.816	15.963	1.340E-08	122.558	24.512	4.852E-08	27.273	5.455	5.347E-10	41.487	8.297	1.882E-09	137.392	27.478	6.836E-08	14.727	2.945	8.418E-11	44.950	8.990	2.394E-09
474	39.043	7.809	1.569E-09	45.602	9.120	2.499E-09	86.998	17.400	1.735E-08	48.262	9.652	2.963E-09	37.040	7.408	1.339E-09	11.370	2.274	3.875E-11	49.456	9.891	3.188E-09
475	40.452	8.090	1.745E-09	83.860	16.772	1.554E-08	38.340	7.668	1.485E-09	37.060	7.412	1.342E-09	-24.731	0.000	0.000E+00	24.137	4.827	3.706E-10	23.797	4.759	3.552E-10
476	85.276	17.055	1.634E-08	141.192	28.238	7.418E-08	38.356	7.671	1.487E-09	40.929	8.186	1.807E-09	39.949	7.990	1.680E-09	44.142	8.828	2.267E-09	36.887	7.377	1.323E-09
477	40.916	8.183	1.805E-09	10.272	2.054	2.857E-11	153.704	30.741	9.571E-08	43.828	8.766	2.219E-09	50.921	10.184	3.480E-09	35.611	7.122	1.190E-09	36.822	7.364	1.316E-09
478	82.607	16.521	1.486E-08	31.795	6.359	8.472E-10	38.623	7.725	1.519E-09	92.795	18.559	2.106E-08	40.354	8.071	1.732E-09	227.588	45.518	3.107E-07	15.882	3.176	1.056E-10
479	41.190	8.238	1.842E-09	14.854	2.971	8.639E-11	43.204	8.641	2.126E-09	37.522	7.504	1.392E-09	40.414	8.083	1.740E-09	36.874	7.375	1.321E-09	39.090	7.818	1.574E-09
480	33.694	6.739	1.008E-09	45.796	9.159	2.531E-09	15.430	3.086	9.682E-11	86.819	17.364	1.725E-08	45.386	9.077	2.464E-09	54.682	10.936	4.310E-09	46.191	9.238	2.598E-09
481	26.038	5.208	4.653E-10	144.945	28.989	8.026E-08	46.275	9.255	2.612E-09	50.883	10.177	3.472E-09	39.769	7.954	1.658E-09	39.354	7.871	1.606E-09	84.260	16.852	1.577E-08
482	48.473	9.695	3.002E-09	141.970	28.394	7.542E-08	36.524	7.305	1.284E-09	153.220	30.644	9.481E-08	80.722	16.144	1.386E-08	8.811	1.762	1.803E-11	54.166	10.833	4.189E-09
483	17.888	3.578	1.509E-10	45.056	9.011	2.411E-09	46.413	9.283	2.635E-09	126.263	25.253	5.305E-08	139.835	27.967	7.207E-08	94.798	18.960	2.245E-08	31.592	6.318	8.310E-10
484	38.576	7.715	1.513E-09	45.239	9.048	2.440E-09	39.890	7.978	1.673E-09	45.014	9.003	2.404E-09	14.573	2.915	8.158E-11	35.957	7.191	1.225E-09	43.986	8.797	2.243E-09
485	9.497	1.899	2.257E-11	33.746	6.749	1.013E-09	47.293	9.459	2.788E-09	40.748	8.150	1.783E-09	40.600	8.120	1.764E-09	28.729	5.				

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
486	52.326	10.465	3.776E-09	36.689	7.338	1.302E-09	38.935	7.787	1.556E-09	13.731	2.746	6.823E-11	51.967	10.393	3.699E-09	43.945	8.789	2.237E-09	44.347	8.869	2.299E-09
487	22.707	4.541	3.086E-10	34.386	6.877	1.072E-09	44.736	8.947	2.360E-09	142.943	28.589	7.698E-08	42.572	8.514	2.034E-09	40.943	8.189	1.809E-09	44.634	8.927	2.344E-09
488	134.109	26.822	6.357E-08	32.843	6.569	9.337E-10	38.303	7.661	1.481E-09	36.163	7.233	1.246E-09	41.457	8.291	1.878E-09	34.650	6.930	1.097E-09	51.444	10.289	3.588E-09
489	166.561	33.312	1.218E-07	37.539	7.508	1.394E-09	41.395	8.279	1.870E-09	34.570	6.914	1.089E-09	50.523	10.105	3.399E-09	12.545	2.509	5.204E-11	15.522	3.104	9.857E-11
490	15.113	3.023	9.098E-11	41.919	8.384	1.941E-09	42.999	8.600	2.095E-09	31.580	6.316	8.301E-10	50.661	10.132	3.427E-09	15.083	3.017	9.043E-11	29.275	5.855	6.613E-10
491	84.672	16.934	1.600E-08	41.859	8.372	1.933E-09	78.845	15.769	1.292E-08	37.578	7.516	1.399E-09	32.541	6.508	9.082E-10	47.580	9.516	2.839E-09	48.844	9.769	3.071E-09
492	87.356	17.471	1.757E-08	45.776	9.155	2.528E-09	49.383	9.877	3.174E-09	9.724	1.945	2.424E-11	144.239	28.848	7.909E-08	39.460	7.892	1.619E-09	50.276	10.055	3.349E-09
493	33.291	6.658	9.725E-10	32.161	6.432	8.768E-10	38.494	7.699	1.503E-09	45.680	9.136	2.512E-09	149.770	29.954	8.855E-08	90.062	18.012	1.925E-08	44.125	8.825	2.264E-09
494	12.143	2.429	4.719E-11	29.681	5.936	6.892E-10	45.385	9.077	2.464E-09	39.035	7.807	1.568E-09	39.649	7.930	1.643E-09	45.620	9.124	2.502E-09	47.147	9.429	2.762E-09
495	33.408	6.682	9.828E-10	45.843	9.169	2.539E-09	46.593	9.319	2.666E-09	40.811	8.162	1.791E-09	25.407	5.081	4.323E-10	46.767	9.353	2.696E-09	139.435	27.887	7.145E-08
496	27.716	5.543	5.612E-10	34.630	6.926	1.095E-09	75.608	15.122	1.139E-08	40.393	8.079	1.737E-09	43.110	8.622	2.112E-09	35.864	7.173	1.216E-09	-52.038	0.000	0.000E+00
497	9.598	1.920	2.330E-11	33.470	6.694	9.882E-10	18.655	3.731	1.711E-10	45.930	9.186	2.554E-09	12.972	2.594	5.753E-11	36.553	7.311	1.287E-09	32.514	6.503	9.059E-10
498	46.788	9.358	2.700E-09	13.474	2.695	6.447E-11	28.026	5.605	5.802E-10	9.692	1.938	2.399E-11	45.870	9.174	2.544E-09	20.013	4.003	2.113E-10	33.168	6.634	9.617E-10
499	42.735	8.547	2.057E-09	41.983	8.397	1.950E-09	78.979	15.796	1.298E-08	30.035	6.007	7.141E-10	39.065	7.813	1.571E-09	39.757	7.951	1.656E-09	45.648	9.130	2.507E-09
500	13.451	2.690	6.414E-11	18.602	3.720	1.696E-10	40.836	8.167	1.795E-09	44.160	8.832	2.270E-09	51.398	10.280	3.579E-09	39.290	7.858	1.599E-09	46.214	9.243	2.601E-09
501	41.321	8.264	1.860E-09	40.316	8.063	1.727E-09	85.901	17.180	1.671E-08	32.840	6.568	9.335E-10	7.293	1.459	1.023E-11	41.774	8.355	1.921E-09	37.670	7.534	1.409E-09
502	27.854	5.571	5.696E-10	53.081	10.616	3.942E-09	23.257	4.651	3.316E-10	12.870	2.574	5.618E-11	19.198	3.840	1.865E-10	51.200	10.240	3.537E-09	-24.250	0.000	0.000E+00
503	36.501	7.300	1.282E-09	36.774	7.355	1.311E-09	36.660	7.332	1.299E-09	84.056	16.811	1.565E-08	25.564	5.113	4.403E-10	18.259	3.652	1.604E-10	82.190	16.438	1.463E-08
504	35.770	7.154	1.206E-09	24.070	4.814	3.675E-10	37.360	7.472	1.374E-09	15.543	3.109	9.898E-11	13.687	2.737	6.758E-11	38.853	7.771	1.546E-09	22.519	4.504	3.010E-10
505	9.818	1.964	2.494E-11	49.159	9.832	3.131E-09	39.417	7.883	1.614E-09	50.424	10.085	3.379E-09	43.109	8.622	2.111E-09	18.752	3.750	1.738E-10	32.792	6.558	9.294E-10
506	19.274	3.855	1.887E-10	17.174	3.435	1.335E-10	-34.391	0.000	0.000E+00	47.673	9.535	2.856E-09	50.194	10.039	3.333E-09	15.419	3.084	9.661E-11	32.384	6.477	8.951E-10
507	34.180	6.836	1.052E-09	39.613	7.923	1.638E-09	35.670	7.134	1.196E-09	42.362	8.472	2.004E-09	8.889	1.778	1.851E-11	26.018	5.204	4.642E-10	29.056	5.811	6.466E-10
508	44.778	8.956	2.366E-09	22.421	4.484	2.971E-10	86.381	17.276	1.699E-08	52.197	10.439	3.748E-09	53.261	10.652	3.982E-09	37.717	7.543	1.414E-09	38.679	7.736	1.525E-09
509	51.740	10.348	3.651E-09	20.919	4.184	2.413E-10	36.177	7.235	1.248E-09	30.735	6.147	7.652E-10	37.746	7.549	1.417E-09	29.840	5.968	7.003E-10	36.467	7.293	1.278E-09
510	93.217	18.643	2.135E-08	140.519	28.104	7.313E-08	30.419	6.084	7.419E-10	85.957	17.191	1.674E-08	13.509	2.702	6.498E-11	92.042	18.408	2.055E-08	91.720	18.344	2.034E-08
511	41.340	8.268	1.862E-09	46.014	9.203	2.568E-09	46.002	9.200	2.566E-09	42.567	8.513	2.033E-09	24.722	4.944	3.982E-10	38.865	7.773	1.547E-09	240.027	48.005	3.645E-07
512	28.364	5.673	6.015E-10	42.181	8.436	1.978E-09	145.409	29.082	8.103E-08	42.706	8.541	2.053E-09	141.095	28.219	7.403E-08	12.118	2.424	4.690E-11	35.091	7.018	1.139E-09
513	40.203	8.041	1.713E-09	13.040	2.608	5.844E-11	16.370	3.274	1.156E-10	43.143	8.629	2.116E-09	-18.386	0.000	0.000E+00	42.776	8.555	2.063E-09	42.837	8.567	2.072E-09
514	44.824	8.965	2.374E-09	148.883	29.777	8.698E-08	44.105	8.821	2.261E-09	11.092	2.218	3.596E-11	39.952	7.990	1.681E-09	-23.529	0.000	0.000E+00	39.120	7.824	1.578E-09
515	24.287	4.857	3.776E-10	43.055	8.611	2.104E-09	44.622	8.924	2.342E-09	13.154	2.631	5.999E-11	32.137	6.427	8.748E-10	23.699	4.740	3.508E-10	12.880	2.576	5.632E-11
516	48.300	9.660	2.970E-09	20.385	4.077	2.233E-10	45.099	9.020	2.418E-09	33.707	6.741	1.009E-09	46.377	9.275	2.629E-09	30.899	6.180	7.775E-10	38.815	7.763	1.541E-09
517	-34.515	0.000	0.000E+00	42.651	8.530	2.045E-09	85.204	17.041	1.630E-08	40.374	8.075	1.735E-09	33.059	6.612	9.523E-10	78.000	15.600	1.251E-08	81.538	16.308	1.429E-08
518	41.765	8.353	1.920E-09	12.899	2.580	5.656E-11	36.998	7.400	1.335E-09	83.438	16.688	1.531E-08	40.419	8.084	1.740E-09	50.742	10.148	3.443E-09	23.898	4.780	3.597E-10
519	85.526	17.105	1.649E-08	49.827	9.965	3.260E-09	32.692	6.538	9.209E-10	31.072	6.214	7.907E-10	13.843	2.769	6.992E-11	46.742	9.348	2.692E-09	34.717	6.943	1.103E-09
520	44.532	8.906	2.328E-09	42.543	8.509	2.029E-09	17.829	3.566	1.494E-10	41.085	8.217	1.828E-09	132.504	26.501	6.132E-08	144.984	28.997	8.032E-08	41.696	8.339	1.911E-09
521	35.482	7.096	1.177E-09	24.523	4.905	3.887E-10	42.813	8.563	2.068E-09	82.994	16.599	1.507E-08	151.572	30.314	9.178E-08	49.944	9.989	3.284E-09	80.757	16.151	1.388E-08
522	41.319	8.264	1.859E-09	43.165	8.633	2.120E-09	84.624	16.925	1.597E-08	75.961	15.192	1.155E-08	55.928	11.186	4.611E-09	43.767	8.753	2.210E-09	43.814	8.763	2.217E-09
523	55.435	11.087	4.490E-09	30.088	6.018	7.179E-10	39.546	7.909	1.630E-09	146.453	29.291	8.279E-08	14.369	2.874	7.820E-11	44.593	8.919	2.337E-09	-43.862	0.000	0.000E+00
524	39.295	7.859	1.599E-09	26.354	5.271	4.824E-10	36.130	7.226	1.243E-09	44.243	8.849	2.282E-09	52.596	10.519	3.835E-09	43.845	8.769	2.221E-09	42.915	8.583	2.083E-09
525	43.446	8.689	2.161E-09	133.151	26.630	6.222E-08	68.145	13.629	8.340E-09	47.458	9.492	2.817E-09	41.086	8.217	1.828E-09	46.493	9.299	2.649E-09	44.387	8.877	2.305E-09
526	42.883	8.577	2.078E-09	35.587	7.117	1.188E-09	10.209	2.042	2.804E-11	121.891	24.378	4.773E-08	43.678	8.736	2.196E-09	38.505	7.701	1.505E-09	29.934	5.987	7.069E-10
527	37.934	7.587	1.439E-09	40.131	8.026	1.703E-09	36.729	7.346	1.306E-09	35.610	7.122	1.190E-09	82.251	16.450	1.476E-08	40.144	8.029	1.705E-09	40.009	8.002	1.688E-09
528	151.926	30.385	9.242E-08	29.102	5.820	6.496E-10	36.305	7.261	1.261E-09	31.190	6.238	7.997E-10	37.551	7.510	1.396E-09	43.602	8.720	2.185E-09	42.925	8.585	2.085E-09
529	57.878	11.576	5.110E-09	38.133	7.627	1.461E-09	35.299	7.060	1.159E-09	92.925	18.585	2.115E-08	145.783	29.157	8.166E-08	9.308	1.862	2.126E-11	41.420	8.284	1.873E-09
530	44.845	8.969	2.377E-09	42.201	8.440	1.981E-09	51.220	10.244	3.542E-09	46.092	9.218	2.581E-09	38.871	7.774	1.54						

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
531	40.987	8.197	1.815E-09	36.888	7.378	1.323E-09	10.880	2.176	3.395E-11	42.384	8.477	2.007E-09	158.533	31.707	1.050E-07	51.454	10.291	3.591E-09	33.544	6.709	9.948E-10
532	46.988	9.398	2.734E-09	26.454	5.291	4.880E-10	24.229	4.846	3.749E-10	48.892	9.778	3.080E-09	32.511	6.502	9.057E-10	15.682	3.136	1.016E-10	61.919	12.384	6.257E-09
533	36.309	7.262	1.262E-09	52.671	10.534	3.851E-09	34.825	6.965	1.113E-09	40.515	8.103	1.753E-09	37.474	7.495	1.387E-09	150.492	30.098	8.983E-08	43.091	8.618	2.109E-09
534	40.435	8.087	1.742E-09	81.589	16.318	1.431E-08	147.698	29.540	8.492E-08	91.220	18.244	2.001E-08	41.283	8.257	1.854E-09	18.866	3.773	1.770E-10	-48.412	0.000	0.000E+00
535	46.905	9.381	2.720E-09	137.383	27.477	6.834E-08	41.647	8.329	1.904E-09	-29.634	0.000	0.000E+00	23.131	4.626	3.262E-10	-26.626	0.000	0.000E+00	48.804	9.761	3.064E-09
536	42.014	8.403	1.955E-09	40.352	8.070	1.732E-09	140.926	28.185	7.377E-08	59.747	11.949	5.621E-09	91.862	18.372	2.043E-08	22.258	4.452	2.907E-10	21.925	4.385	2.778E-10
537	140.896	28.179	7.372E-08	29.295	5.859	6.626E-10	55.338	11.068	4.466E-09	17.834	3.567	1.495E-10	44.369	8.874	2.302E-09	55.212	11.042	4.436E-09	32.730	6.546	9.241E-10
538	40.619	8.124	1.766E-09	38.665	7.733	1.524E-09	44.212	8.842	2.278E-09	35.679	7.136	1.197E-09	86.732	17.346	1.720E-08	8.820	1.764	1.808E-11	39.345	7.869	1.605E-09
539	35.411	7.082	1.170E-09	51.309	10.262	3.560E-09	38.744	7.749	1.533E-09	37.531	7.506	1.393E-09	51.767	10.353	3.656E-09	-35.542	0.000	0.000E+00	53.333	10.667	3.998E-09
540	25.233	5.047	4.234E-10	117.266	23.453	4.250E-08	8.791	1.758	1.791E-11	34.314	6.863	1.065E-09	40.329	8.066	1.729E-09	41.289	8.258	1.855E-09	90.391	18.078	1.947E-08
541	49.274	9.855	3.153E-09	42.689	8.538	2.050E-09	-48.694	0.000	0.000E+00	27.095	5.419	5.243E-10	258.148	51.630	4.534E-07	31.293	6.259	8.076E-10	41.568	8.314	1.893E-09
542	47.561	9.512	2.836E-09	78.569	15.714	1.278E-08	8.375	1.675	1.548E-11	45.979	9.196	2.562E-09	45.000	9.000	2.402E-09	41.022	8.204	1.819E-09	147.222	29.444	8.410E-08
543	108.821	21.764	3.396E-08	33.434	6.687	9.850E-10	52.638	10.528	3.844E-09	49.024	9.805	3.105E-09	86.457	17.291	1.703E-08	45.448	9.090	2.474E-09	35.127	7.025	1.142E-09
544	92.830	18.566	2.108E-08	54.628	10.926	4.297E-09	42.945	8.589	2.087E-09	42.197	8.439	1.980E-09	93.514	18.703	2.155E-08	147.662	29.532	8.486E-08	40.190	8.038	1.711E-09
545	35.129	7.026	1.143E-09	43.195	8.639	2.124E-09	42.329	8.466	1.999E-09	44.955	8.991	2.395E-09	160.321	32.064	1.086E-07	20.037	4.007	2.120E-10	21.414	4.283	2.588E-10
546	43.772	8.754	2.210E-09	36.647	7.329	1.297E-09	32.171	6.434	8.776E-10	16.085	3.217	1.097E-10	34.272	6.854	1.061E-09	41.495	8.299	1.883E-09	9.675	1.935	2.387E-11
547	60.301	12.060	5.779E-09	10.146	2.029	2.753E-11	-6.687	0.000	0.000E+00	35.382	7.076	1.167E-09	36.617	7.323	1.294E-09	42.530	8.506	2.028E-09	40.524	8.105	1.754E-09
548	63.811	12.762	6.848E-09	41.946	8.389	1.945E-09	42.288	8.458	1.993E-09	254.062	50.812	4.322E-07	9.430	1.886	2.210E-11	39.308	7.862	1.601E-09	37.009	7.402	1.336E-09
549	44.949	8.990	2.394E-09	139.404	27.881	7.140E-08	208.806	41.761	2.399E-07	93.600	18.720	2.161E-08	87.971	17.594	1.794E-08	48.481	9.696	3.003E-09	47.376	9.475	2.803E-09
550	84.568	16.914	1.594E-08	35.028	7.006	1.133E-09	74.459	14.892	1.088E-08	-57.610	0.000	0.000E+00	27.896	5.579	5.721E-10	44.630	8.926	2.343E-09	144.789	28.958	8.000E-08
551	23.527	4.705	3.432E-10	9.124	1.825	2.002E-11	90.188	18.038	1.933E-08	40.279	8.056	1.722E-09	42.046	8.409	1.959E-09	37.826	7.565	1.427E-09	38.285	7.657	1.479E-09
552	45.109	9.022	2.419E-09	41.917	8.383	1.941E-09	38.736	7.747	1.532E-09	149.948	29.990	8.886E-08	25.402	5.080	4.320E-10	-220.566	0.000	0.000E+00	42.256	8.451	1.989E-09
553	49.797	9.959	3.255E-09	34.508	6.902	1.083E-09	16.730	3.346	1.234E-10	47.038	9.408	2.743E-09	37.093	7.419	1.345E-09	39.546	7.909	1.630E-09	44.031	8.806	2.250E-09
554	93.959	18.792	2.186E-08	43.837	8.767	2.220E-09	88.750	17.750	1.842E-08	37.877	7.575	1.432E-09	47.792	9.558	2.877E-09	45.649	9.130	2.507E-09	47.677	9.535	2.856E-09
555	37.512	7.502	1.391E-09	36.470	7.294	1.278E-09	40.561	8.112	1.759E-09	47.250	9.450	2.780E-09	26.001	5.200	4.633E-10	147.192	29.438	8.405E-08	45.338	9.068	2.456E-09
556	43.826	8.765	2.219E-09	49.233	9.847	3.145E-09	42.426	8.485	2.013E-09	43.720	8.744	2.203E-09	40.143	8.029	1.705E-09	28.676	5.735	6.215E-10	32.254	6.451	8.844E-10
557	43.638	8.728	2.190E-09	32.215	6.443	8.811E-10	12.688	2.538	5.383E-11	20.290	4.058	2.202E-10	39.738	7.948	1.654E-09	13.992	2.798	7.220E-11	43.680	8.736	2.197E-09
558	38.904	7.781	1.552E-09	41.547	8.309	1.890E-09	45.574	9.115	2.495E-09	54.058	10.812	4.164E-09	145.747	29.149	8.160E-08	22.135	4.427	2.858E-10	55.584	11.117	4.526E-09
559	31.199	6.240	8.004E-10	40.801	8.160	1.790E-09	28.435	5.687	6.060E-10	16.184	3.237	1.117E-10	39.405	7.881	1.613E-09	48.495	9.699	3.006E-09	45.394	9.079	2.465E-09
560	15.948	3.190	1.069E-10	38.128	7.626	1.461E-09	139.080	27.816	7.091E-08	41.449	8.290	1.877E-09	43.235	8.647	2.130E-09	37.738	7.548	1.417E-09	39.605	7.921	1.637E-09
561	143.444	28.689	7.779E-08	46.360	9.272	2.626E-09	32.397	6.479	8.962E-10	133.521	26.704	6.274E-08	41.206	8.241	1.844E-09	83.538	16.708	1.537E-08	42.704	8.541	2.053E-09
562	38.782	7.756	1.537E-09	33.817	6.763	1.019E-09	30.353	6.071	7.370E-10	40.264	8.053	1.720E-09	60.117	12.023	5.726E-09	35.899	7.180	1.219E-09	33.958	6.792	1.032E-09
563	93.813	18.763	2.176E-08	83.861	16.772	1.554E-08	73.710	14.742	1.056E-08	43.255	8.651	2.133E-09	30.322	6.064	7.348E-10	48.258	9.652	2.962E-09	28.603	5.721	6.167E-10
564	40.488	8.098	1.749E-09	55.326	11.065	4.464E-09	38.449	7.690	1.498E-09	52.769	10.554	3.873E-09	46.737	9.347	2.691E-09	44.223	8.845	2.280E-09	42.519	8.504	2.026E-09
565	12.699	2.540	5.397E-11	44.635	8.927	2.344E-09	19.918	3.984	2.083E-10	45.347	9.069	2.458E-09	141.858	28.372	7.524E-08	46.813	9.363	2.704E-09	46.999	9.400	2.736E-09
566	46.623	9.325	2.671E-09	44.218	8.844	2.279E-09	97.525	19.505	2.445E-08	107.422	21.484	3.267E-08	47.171	9.434	2.766E-09	30.279	6.056	7.317E-10	45.779	9.156	2.529E-09
567	47.231	9.446	2.777E-09	47.581	9.516	2.839E-09	30.832	6.166	7.725E-10	42.648	8.530	2.045E-09	37.480	7.496	1.388E-09	48.731	9.746	3.050E-09	32.591	6.518	9.124E-10
568	33.565	6.713	9.967E-10	39.551	7.910	1.631E-09	-32.900	0.000	0.000E+00	42.994	8.599	2.095E-09	13.191	2.638	6.049E-11	30.781	6.156	7.687E-10	77.607	15.521	1.232E-08
569	43.369	8.674	2.150E-09	49.961	9.992	3.287E-09	46.467	9.293	2.644E-09	41.416	8.283	1.872E-09	17.392	3.478	1.386E-10	33.464	6.693	9.877E-10	41.408	8.282	1.871E-09
570	56.236	11.247	4.687E-09	33.266	6.653	9.703E-10	45.267	9.053	2.445E-09	37.857	7.571	1.430E-09	45.760	9.152	2.526E-09	43.856	8.771	2.223E-09	30.369	6.074	7.382E-10
571	43.161	8.632	2.119E-09	29.344	5.869	6.660E-10	44.031	8.806	2.250E-09	30.181	6.036	7.246E-10	86.471	17.294	1.704E-08	38.799	7.760	1.539E-09	40.474	8.095	1.747E-09
572	40.751	8.150	1.784E-09	28.006	5.601	5.789E-10	56.742	11.348	4.815E-09	48.892	9.778	3.080E-09	44.972	8.994	2.397E-09	27.490	5.498	5.475E-10	-27.498	0.000	0.000E+00
573	-10.753	0.000	0.000E+00	43.253	8.651	2.133E-09	41.333	8.267	1.861E-09	90.424	18.085	1.949E-08	257.827	51.565	4.517E-07	48.455	9.691	2.998E-09	15.145	3.029	9.157E-11
574	16.573	3.315	1.200E-10	47.522	9.504	2.829E-09	18.583	3.717	1.691E-10	27.519	5.504	5.492E-10	146.536	29.307	8.293E-08	18.112	3.622	1.566E-10	-27.048	0.000	0.000E+00
575	51.016	10.203	3.499E-09	29.863	5.973	7.019E-10	39.614	7.923	1.638E-09	17.462	3.492	1.403E-10	12.799								

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
576	41.516	8.303	1.886E-09	43.836	8.767	2.220E-09	41.126	8.225	1.833E-09	140.914	28.183	7.375E-08	26.309	5.262	4.799E-10	57.075	11.415	4.900E-09	36.044	7.209	1.234E-09
577	40.630	8.126	1.768E-09	84.177	16.835	1.572E-08	50.951	10.190	3.486E-09	91.037	18.207	1.989E-08	44.427	8.885	2.311E-09	108.789	21.758	3.393E-08	39.078	7.816	1.573E-09
578	32.498	6.500	9.046E-10	45.849	9.170	2.540E-09	38.684	7.737	1.526E-09	57.020	11.404	4.886E-09	39.725	7.945	1.652E-09	38.451	7.690	1.498E-09	76.187	15.237	1.166E-08
579	85.001	17.000	1.619E-08	151.877	30.375	9.234E-08	137.843	27.569	6.903E-08	45.363	9.073	2.460E-09	29.867	5.973	7.022E-10	49.166	9.833	3.132E-09	90.383	18.077	1.946E-08
580	44.097	8.819	2.260E-09	79.281	15.856	1.313E-08	45.967	9.193	2.560E-09	92.169	18.434	2.064E-08	43.335	8.667	2.145E-09	24.619	4.924	3.933E-10	40.931	8.186	1.807E-09
581	41.260	8.252	1.851E-09	36.107	7.221	1.241E-09	-36.051	0.000	0.000E+00	36.879	7.376	1.322E-09	10.821	2.164	3.340E-11	15.365	3.073	9.561E-11	38.558	7.712	1.511E-09
582	48.107	9.621	2.934E-09	47.964	9.593	2.908E-09	37.039	7.408	1.339E-09	119.362	23.872	4.482E-08	43.954	8.791	2.238E-09	37.319	7.464	1.370E-09	40.033	8.007	1.691E-09
583	41.943	8.389	1.945E-09	39.371	7.874	1.609E-09	10.212	2.042	2.806E-11	16.659	3.332	1.218E-10	50.520	10.104	3.398E-09	45.617	9.123	2.502E-09	53.613	10.723	4.062E-09
584	40.318	8.064	1.727E-09	46.206	9.241	2.600E-09	24.453	4.891	3.854E-10	84.520	16.904	1.591E-08	31.455	6.291	8.203E-10	37.158	7.432	1.352E-09	25.828	5.166	4.541E-10
585	84.974	16.995	1.617E-08	41.973	8.395	1.949E-09	39.559	7.912	1.632E-09	19.521	3.904	1.961E-10	10.451	2.090	3.009E-11	37.990	7.598	1.445E-09	108.063	21.613	3.326E-08
586	27.425	5.485	5.437E-10	85.059	17.012	1.622E-08	39.140	7.828	1.580E-09	27.958	5.592	5.760E-10	44.423	8.885	2.311E-09	55.455	11.091	4.495E-09	57.484	11.497	5.006E-09
587	43.582	8.716	2.182E-09	51.844	10.369	3.673E-09	35.932	7.186	1.223E-09	31.842	6.368	8.509E-10	39.011	7.802	1.565E-09	36.671	7.334	1.300E-09	14.472	2.894	7.989E-11
588	55.712	11.142	4.558E-09	78.087	15.617	1.255E-08	7.503	1.501	1.113E-11	41.221	8.244	1.846E-09	38.025	7.605	1.449E-09	42.767	8.553	2.062E-09	43.746	8.749	2.206E-09
589	75.552	15.110	1.137E-08	36.030	7.206	1.233E-09	30.831	6.166	7.724E-10	90.285	18.057	1.940E-08	22.648	4.530	3.062E-10	45.700	9.140	2.516E-09	45.034	9.007	2.407E-09
590	39.108	7.822	1.577E-09	40.220	8.044	1.715E-09	51.844	10.369	3.673E-09	36.636	7.327	1.296E-09	42.187	8.437	1.979E-09	77.034	15.407	1.205E-08	64.054	12.811	6.927E-09
591	15.330	3.066	9.496E-11	54.843	10.969	4.348E-09	45.038	9.008	2.408E-09	51.421	10.284	3.584E-09	13.681	2.736	6.749E-11	86.405	17.281	1.700E-08	41.302	8.260	1.857E-09
592	37.572	7.514	1.398E-09	35.374	7.075	1.167E-09	44.934	8.987	2.391E-09	32.567	6.513	9.104E-10	45.171	9.034	2.429E-09	38.753	7.751	1.534E-09	6.580	1.316	7.509E-12
593	48.465	9.693	3.000E-09	40.440	8.088	1.743E-09	36.946	7.389	1.329E-09	37.919	7.584	1.437E-09	45.211	9.042	2.436E-09	29.669	5.934	6.884E-10	42.855	8.571	2.074E-09
594	105.222	21.044	3.071E-08	146.913	29.383	8.357E-08	12.193	2.439	4.778E-11	8.393	1.679	1.558E-11	17.053	3.411	1.307E-10	42.699	8.540	2.052E-09	43.502	8.700	2.170E-09
595	37.265	7.453	1.364E-09	29.777	5.955	6.959E-10	41.068	8.214	1.826E-09	124.841	24.968	5.128E-08	51.537	10.307	3.608E-09	83.579	16.716	1.539E-08	39.039	7.808	1.568E-09
596	51.659	10.332	3.634E-09	22.395	4.479	2.960E-10	15.506	3.101	9.826E-11	49.066	9.813	3.113E-09	151.272	30.254	9.124E-08	51.854	10.371	3.675E-09	28.876	5.775	6.346E-10
597	90.274	18.055	1.939E-08	23.253	4.651	3.314E-10	40.409	8.082	1.739E-09	65.818	13.164	7.515E-09	45.027	9.005	2.406E-09	13.667	2.733	6.729E-11	37.425	7.485	1.382E-09
598	15.296	3.059	9.433E-11	43.882	8.776	2.227E-09	46.545	9.309	2.658E-09	43.881	8.776	2.227E-09	144.813	28.963	8.004E-08	51.206	10.241	3.539E-09	48.206	9.641	2.952E-09
599	43.208	8.642	2.126E-09	90.623	18.125	1.962E-08	32.813	6.563	9.312E-10	34.193	6.839	1.054E-09	20.393	4.079	2.235E-10	10.583	2.117	3.124E-11	20.629	4.126	2.314E-10
600	49.192	9.838	3.137E-09	41.037	8.207	1.821E-09	218.144	43.629	2.736E-07	86.883	17.377	1.729E-08	61.012	12.202	5.986E-09	44.227	8.845	2.280E-09	58.170	11.634	5.188E-09
601	51.480	10.296	3.596E-09	43.114	8.623	2.112E-09	42.728	8.546	2.056E-09	91.104	18.221	1.993E-08	29.550	5.910	6.801E-10	39.146	7.829	1.581E-09	42.922	8.584	2.084E-09
602	33.075	6.615	9.537E-10	33.846	6.769	1.022E-09	43.003	8.601	2.096E-09	137.375	27.475	6.833E-08	141.474	28.295	7.463E-08	50.479	10.096	3.390E-09	99.227	19.845	2.575E-08
603	14.049	2.810	7.309E-11	38.484	7.697	1.502E-09	41.315	8.263	1.859E-09	51.656	10.331	3.633E-09	54.779	10.956	4.333E-09	45.365	9.073	2.461E-09	142.401	28.480	7.611E-08
604	36.970	7.394	1.332E-09	13.944	2.789	7.146E-11	36.761	7.352	1.309E-09	-29.440	0.000	0.000E+00	43.662	8.732	2.194E-09	15.326	3.065	9.488E-11	35.806	7.161	1.210E-09
605	41.890	8.378	1.937E-09	43.077	8.615	2.107E-09	212.739	42.548	2.538E-07	41.232	8.246	1.847E-09	122.080	24.416	4.795E-08	39.259	7.852	1.595E-09	23.115	4.623	3.255E-10
606	50.307	10.061	3.356E-09	44.196	8.839	2.275E-09	43.281	8.656	2.137E-09	40.619	8.124	1.766E-09	41.386	8.277	1.868E-09	44.654	8.931	2.347E-09	40.688	8.138	1.775E-09
607	39.668	7.934	1.645E-09	37.147	7.429	1.351E-09	40.270	8.054	1.721E-09	-43.136	0.000	0.000E+00	45.478	9.096	2.479E-09	12.792	2.558	5.517E-11	33.700	6.740	1.009E-09
608	19.865	3.973	2.066E-10	33.774	6.755	1.015E-09	50.648	10.130	3.424E-09	29.549	5.910	6.800E-10	39.033	7.807	1.567E-09	44.685	8.937	2.352E-09	50.962	10.192	3.488E-09
609	41.163	8.233	1.838E-09	29.892	5.978	7.040E-10	17.251	3.450	1.353E-10	103.137	20.627	2.892E-08	40.556	8.111	1.758E-09	13.811	2.762	6.943E-11	86.502	17.300	1.706E-08
610	31.496	6.299	8.235E-10	37.355	7.471	1.374E-09	40.493	8.099	1.750E-09	40.967	8.193	1.812E-09	16.295	3.259	1.140E-10	51.057	10.211	3.508E-09	43.920	8.784	2.233E-09
611	60.605	12.121	5.867E-09	44.172	8.834	2.272E-09	32.388	6.478	8.954E-10	90.364	18.073	1.945E-08	90.808	18.162	1.974E-08	46.184	9.237	2.596E-09	41.301	8.260	1.857E-09
612	17.024	3.405	1.300E-10	44.007	8.801	2.246E-09	10.448	2.090	3.006E-11	113.471	22.694	3.851E-08	43.482	8.696	2.167E-09	42.334	8.467	2.000E-09	44.182	8.836	2.273E-09
613	231.628	46.326	3.275E-07	43.312	8.662	2.141E-09	35.732	7.146	1.202E-09	117.405	23.481	4.265E-08	30.168	6.034	7.237E-10	11.058	2.212	3.563E-11	40.746	8.149	1.783E-09
614	48.650	9.730	3.035E-09	81.870	16.374	1.446E-08	84.605	16.921	1.596E-08	30.249	6.050	7.295E-10	12.737	2.547	5.446E-11	50.758	10.152	3.447E-09	95.851	19.170	2.321E-08
615	83.787	16.757	1.550E-08	26.568	5.314	4.943E-10	52.770	10.554	3.873E-09	39.699	7.940	1.649E-09	23.203	4.641	3.292E-10	12.687	2.537	5.382E-11	41.284	8.257	1.855E-09
616	13.080	2.616	5.899E-11	62.820	12.564	6.534E-09	32.148	6.430	8.757E-10	13.785	2.757	6.904E-11	17.002	3.400	1.295E-10	11.446	2.289	3.953E-11	119.541	23.908	4.502E-08
617	53.209	10.642	3.970E-09	86.878	17.376	1.728E-08	18.312	3.662	1.618E-10	48.019	9.604	2.265E-08	44.048	8.810	2.253E-09	37.421	7.484	1.381E-09	40.319	8.064	1.788E-09
618	45.370	9.074	2.462E-09	37.369	7.474	1.375E-09	84.862	16.972	1.611E-08	-33.010	0.000	0.000E+00	144.759	28.952	7.995E-08	56.173	11.235	4.672E-09	38.107	7.621	1.458E-09
619	23.746	4.749	3.529E-10	10.908	2.182	3.420E-11	-24.329	0.000	0.000E+00	54.737	10.947	4.322E-09	43.811	8.762	2.216E-09	10.643	2.129	3.178E-11	41.397	8.279	1.870E-09
620	36.057	7.211	1.236E-09	40.297	8.059	1.725E-09	41.174	8.235	1.840E-09	41.719	8.344	1.914E-0									

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
621	10.167	2.033	2.770E-11	37.050	7.410	1.340E-09	58.959	11.792	5.402E-09	42.950	8.590	2.088E-09	35.748	7.150	1.204E-09	82.444	16.489	1.477E-08	45.788	9.158	2.530E-09
622	38.543	7.709	1.509E-09	42.053	8.411	1.960E-09	44.001	8.800	2.245E-09	34.594	6.919	1.091E-09	30.682	6.136	7.613E-10	12.257	2.451	4.854E-11	48.114	9.623	2.936E-09
623	37.684	7.537	1.411E-09	12.434	2.487	5.066E-11	45.032	9.006	2.407E-09	53.262	10.652	3.982E-09	12.049	2.410	4.611E-11	56.802	11.360	4.830E-09	46.082	9.216	2.579E-09
624	86.393	17.279	1.700E-08	57.269	11.454	4.951E-09	43.430	8.686	2.159E-09	107.735	21.547	3.296E-08	33.382	6.676	9.805E-10	11.732	2.346	4.256E-11	46.483	9.297	2.647E-09
625	10.563	2.113	3.107E-11	-31.767	0.000	0.000E+00	48.313	9.663	2.972E-09	84.562	16.912	1.594E-08	40.774	8.155	1.787E-09	8.261	1.652	1.486E-11	18.508	3.702	1.671E-10
626	28.976	5.795	6.412E-10	44.638	8.928	2.344E-09	46.395	9.279	2.632E-09	17.191	3.438	1.339E-10	41.612	8.322	1.899E-09	37.183	7.437	1.355E-09	12.337	2.467	4.949E-11
627	8.627	1.725	1.692E-11	44.272	8.854	2.287E-09	33.094	6.619	9.553E-10	96.000	19.200	2.332E-08	83.946	16.789	1.559E-08	8.572	1.714	1.660E-11	-17.611	0.000	0.000E+00
628	48.483	9.697	3.004E-09	42.761	8.552	2.061E-09	83.614	16.723	1.541E-08	10.816	2.163	3.335E-11	18.328	3.666	1.623E-10	13.248	2.650	6.128E-11	82.326	16.465	1.471E-08
629	41.328	8.266	1.860E-09	43.445	8.689	2.161E-09	49.939	9.988	3.282E-09	62.828	12.566	6.536E-09	44.695	8.939	2.353E-09	86.819	17.364	1.725E-08	40.756	8.151	1.784E-09
630	93.749	18.750	2.172E-08	27.465	5.493	5.460E-10	38.631	7.726	1.520E-09	41.159	8.232	1.838E-09	39.311	7.862	1.601E-09	12.039	2.408	4.599E-11	80.214	16.043	1.360E-08
631	43.551	8.710	2.177E-09	33.200	6.640	9.645E-10	81.612	16.322	1.433E-08	10.663	2.133	3.195E-11	47.775	9.555	2.874E-09	18.723	3.745	1.730E-10	44.504	8.901	2.323E-09
632	41.809	8.362	1.926E-09	42.905	8.581	2.082E-09	36.501	7.300	1.282E-09	40.147	8.029	1.706E-09	35.439	7.088	1.173E-09	42.844	8.569	2.073E-09	43.213	8.643	2.127E-09
633	19.251	3.850	1.881E-10	31.104	6.221	7.931E-10	13.307	2.661	6.210E-11	33.831	6.766	1.021E-09	13.527	2.705	6.524E-11	78.844	15.769	1.292E-08	94.736	18.947	2.241E-08
634	41.629	8.326	1.901E-09	38.102	7.620	1.458E-09	78.744	15.749	1.287E-08	42.413	8.483	2.011E-09	39.491	7.898	1.623E-09	38.782	7.756	1.537E-09	39.707	7.941	1.650E-09
635	41.497	8.299	1.883E-09	60.681	12.136	5.889E-09	85.770	17.154	1.663E-08	51.071	10.214	3.511E-09	17.133	3.427	1.326E-10	10.727	2.145	3.253E-11	40.287	8.057	1.723E-09
636	25.381	5.076	4.310E-10	36.317	7.263	1.262E-09	29.176	5.835	6.546E-10	18.027	3.605	1.544E-10	45.645	9.129	2.507E-09	42.456	8.491	2.017E-09	50.053	10.011	3.305E-09
637	32.749	6.550	9.257E-10	10.781	2.156	3.303E-11	47.460	9.492	2.818E-09	36.853	7.371	1.319E-09	44.601	8.920	2.338E-09	9.933	1.987	2.583E-11	48.716	9.743	3.047E-09
638	8.558	1.712	1.652E-11	43.065	8.613	2.105E-09	14.009	2.802	7.247E-11	37.574	7.515	1.398E-09	137.741	27.548	6.888E-08	41.151	8.230	1.837E-09	12.091	2.418	4.659E-11
639	42.590	8.518	2.036E-09	47.466	9.493	2.819E-09	48.517	9.703	3.010E-09	59.126	11.825	5.448E-09	38.113	7.623	1.459E-09	40.462	8.092	1.746E-09	35.030	7.006	1.133E-09
640	38.210	7.642	1.470E-09	41.651	8.330	1.904E-09	39.142	7.828	1.581E-09	36.750	7.350	1.308E-09	29.991	5.998	7.110E-10	15.378	3.076	9.585E-11	40.472	8.094	1.747E-09
641	11.747	2.349	4.272E-11	45.458	9.092	2.476E-09	48.876	9.775	3.077E-09	11.258	2.252	3.760E-11	53.328	10.666	3.997E-09	44.450	8.890	2.315E-09	36.935	7.387	1.328E-09
642	43.179	8.636	2.122E-09	95.013	19.003	2.261E-08	29.965	5.993	7.091E-10	19.029	3.806	1.816E-10	44.790	8.958	2.368E-09	16.206	3.241	1.122E-10	105.141	21.028	3.063E-08
643	19.477	3.895	1.947E-10	13.186	2.637	6.042E-11	50.153	10.031	3.325E-09	41.065	8.213	1.825E-09	149.877	29.975	8.874E-08	13.902	2.780	7.081E-11	13.709	2.742	6.790E-11
644	10.417	2.083	2.980E-11	39.399	7.880	1.612E-09	29.240	5.848	6.589E-10	20.790	4.158	2.368E-10	32.477	6.495	9.029E-10	36.882	7.376	1.322E-09	43.956	8.791	2.238E-09
645	75.250	15.050	1.123E-08	39.684	7.937	1.647E-09	33.563	6.713	9.965E-10	40.941	8.188	1.809E-09	39.825	7.965	1.665E-09	19.905	3.981	2.079E-10	37.149	7.430	1.351E-09
646	40.334	8.067	1.729E-09	27.575	5.515	5.526E-10	42.586	8.517	2.036E-09	43.922	8.784	2.233E-09	51.733	10.347	3.649E-09	44.064	8.813	2.255E-09	39.743	7.949	1.655E-09
647	7.004	1.401	9.054E-12	43.236	8.647	2.130E-09	32.841	6.568	9.336E-10	80.680	16.136	1.384E-08	11.913	2.383	4.456E-11	39.195	7.839	1.587E-09	15.779	3.156	1.035E-10
648	29.167	5.833	6.540E-10	25.435	5.087	4.337E-10	33.581	6.716	9.981E-10	29.497	5.899	6.764E-10	144.365	28.873	7.930E-08	33.890	6.778	1.026E-09	38.275	7.655	1.478E-09
649	85.531	17.106	1.649E-08	48.224	9.645	2.956E-09	10.218	2.044	2.812E-11	32.739	6.548	9.249E-10	39.951	7.990	1.681E-09	35.723	7.145	1.202E-09	41.957	8.391	1.947E-09
650	53.234	10.647	3.976E-09	88.899	17.780	1.852E-08	41.547	8.309	1.890E-09	14.501	2.900	8.037E-11	41.366	8.273	1.866E-09	39.358	7.872	1.607E-09	48.530	9.706	3.012E-09
651	40.844	8.169	1.796E-09	12.496	2.499	5.143E-11	15.873	3.175	1.054E-10	37.340	7.468	1.372E-09	43.780	8.756	2.212E-09	44.743	8.949	2.361E-09	30.757	6.151	7.669E-10
652	45.034	9.007	2.407E-09	21.059	4.212	2.461E-10	31.063	6.213	7.900E-10	133.600	26.720	6.285E-08	40.408	8.082	1.739E-09	44.227	8.845	2.280E-09	35.908	7.182	1.220E-09
653	50.046	10.009	3.304E-09	40.738	8.148	1.782E-09	29.713	5.943	6.914E-10	32.218	6.444	8.814E-10	42.658	8.532	2.046E-09	41.128	8.226	1.834E-09	32.467	6.493	9.020E-10
654	44.601	8.920	2.338E-09	40.493	8.099	1.750E-09	42.796	8.559	2.066E-09	35.167	7.033	1.146E-09	-7.352	0.000	0.000E+00	29.618	5.924	6.848E-10	38.246	7.649	1.475E-09
655	87.625	17.525	1.773E-08	36.022	7.204	1.232E-09	10.219	2.044	2.813E-11	19.053	3.811	1.823E-10	41.035	8.207	1.821E-09	30.943	6.189	7.808E-10	40.338	8.068	1.730E-09
656	19.509	3.902	1.957E-10	9.525	1.905	2.277E-11	15.716	3.143	1.023E-10	46.930	9.386	2.724E-09	50.497	10.099	3.394E-09	41.861	8.372	1.933E-09	43.777	8.755	2.211E-09
657	40.175	8.035	1.709E-09	28.369	5.674	6.017E-10	29.467	5.893	6.744E-10	46.245	9.249	2.607E-09	33.878	6.776	1.025E-09	46.769	9.354	2.696E-09	38.889	7.778	1.550E-09
658	39.125	7.825	1.579E-09	100.410	20.082	2.668E-08	12.225	2.445	4.816E-11	45.842	9.168	2.539E-09	-34.017	0.000	0.000E+00	37.536	7.507	1.394E-09	27.129	5.426	5.263E-10
659	41.786	8.357	1.923E-09	82.527	16.505	1.481E-08	45.585	9.117	2.497E-09	90.509	18.102	1.954E-08	90.822	18.164	1.975E-08	45.006	9.001	2.403E-09	40.810	8.162	1.791E-09
660	41.071	8.214	1.826E-09	46.510	9.302	2.652E-09	20.948	4.190	2.423E-10	43.608	8.722	2.186E-09	38.642	7.728	1.521E-09	30.676	6.135	7.609E-10	38.083	7.617	1.456E-09
661	35.868	7.174	1.216E-09	86.654	17.331	1.715E-08	13.927	2.785	7.120E-11	43.753	8.751	2.208E-09	47.497	9.499	2.824E-09	24.398	4.880	3.828E-10	99.061	19.812	2.562E-08
662	16.402	3.280	1.163E-10	36.030	7.206	1.233E-09	99.674	19.935	2.160E-08	31.403	6.281	8.162E-10	31.432	6.286	8.185E-10	43.651	8.730	2.192E-09	38.358	7.672	1.487E-09
663	18.001	3.600	1.537E-10	30.465	6.093	7.452E-10	41.696	8.339	1.911E-09	39.081	7.816	1.573E-09	242.983	48.597	3.781E-07	49.690	9.938	3.234E-09	4.097	0.819	1.812E-12
664	41.081	8.216	1.827E-09	35.352	7.070	1.165E-09	21.752	4.350	2.713E-10	44.144	8.829	2.267E-09	22.170	4.434	2.872E-10	42.676	8.535	2.049E-09	41.227	8.245	1.847E-09
665	46.495	9.299	2.649E-09	13.169	2.634	6.019E-11	46.483	9.297	2.647E-09	42.418	8.484	2.012E-09	39.973	7.995	1.683E-09						

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
666	50.271	10.054	3.348E-09	56.174	11.235	4.672E-09	77.337	15.467	1.219E-08	136.180	27.236	6.656E-08	56.746	11.349	4.816E-09	38.259	7.652	1.476E-09	35.994	7.199	1.229E-09
667	31.378	6.276	8.142E-10	-37.786	0.000	0.000E+00	41.408	8.282	1.871E-09	23.119	4.624	3.257E-10	34.932	6.986	1.123E-09	42.137	8.427	1.972E-09	12.322	2.464	4.931E-11
668	141.732	28.346	7.504E-08	41.318	8.264	1.859E-09	83.277	16.655	1.522E-08	13.175	2.635	6.028E-11	44.281	8.856	2.289E-09	38.279	7.656	1.478E-09	39.143	7.829	1.581E-09
669	43.816	8.763	2.217E-09	36.597	7.319	1.292E-09	25.266	5.053	4.251E-10	33.828	6.766	1.020E-09	47.822	9.564	2.883E-09	43.663	8.733	2.194E-09	107.050	21.410	3.233E-08
670	35.457	7.091	1.175E-09	41.605	8.321	1.898E-09	38.823	7.765	1.542E-09	37.634	7.527	1.405E-09	47.765	9.553	2.872E-09	40.366	8.073	1.734E-09	21.077	4.215	2.468E-10
671	36.515	7.303	1.283E-09	12.456	2.491	5.094E-11	25.897	5.179	4.577E-10	58.875	11.775	5.379E-09	50.683	10.137	3.432E-09	39.718	7.944	1.651E-09	19.776	3.955	2.038E-10
672	38.533	7.707	1.508E-09	45.691	9.138	2.514E-09	55.965	11.193	4.620E-09	45.533	9.107	2.488E-09	10.888	2.178	3.402E-11	41.340	8.268	1.862E-09	41.747	8.349	1.918E-09
673	41.038	8.208	1.822E-09	11.620	2.324	4.135E-11	45.518	9.104	2.486E-09	72.105	14.421	9.881E-09	146.899	29.380	8.355E-08	36.434	7.287	1.275E-09	73.856	14.771	1.062E-08
674	48.026	9.605	2.920E-09	88.682	17.736	1.838E-08	9.478	1.896	2.244E-11	38.472	7.694	1.501E-09	17.372	3.474	1.382E-10	49.242	9.848	3.147E-09	44.736	8.947	2.360E-09
675	9.984	1.997	2.623E-11	35.239	7.048	1.153E-09	44.238	8.848	2.282E-09	20.098	4.020	2.140E-10	10.165	2.033	2.768E-11	34.612	6.922	1.093E-09	-9.654	0.000	0.000E+00
676	12.009	2.402	4.565E-11	48.540	9.708	3.014E-09	43.259	8.652	2.134E-09	144.517	28.903	7.955E-08	45.944	9.189	2.556E-09	38.031	7.606	1.450E-09	16.658	3.332	1.218E-10
677	31.579	6.316	8.300E-10	37.225	7.445	1.360E-09	44.605	8.921	2.339E-09	40.992	8.198	1.815E-09	44.833	8.967	2.375E-09	41.290	8.258	1.855E-09	50.948	10.190	3.486E-09
678	41.695	8.339	1.911E-09	40.398	8.080	1.738E-09	18.064	3.613	1.554E-10	10.703	2.141	3.232E-11	11.607	2.321	4.122E-11	13.814	2.763	6.947E-11	21.846	4.369	2.748E-10
679	32.865	6.573	9.356E-10	21.564	4.313	2.643E-10	62.087	12.417	6.308E-09	18.438	3.688	1.652E-10	40.489	8.098	1.749E-09	43.394	8.679	2.154E-09	41.698	8.340	1.911E-09
680	10.898	2.180	3.411E-11	26.270	5.254	4.778E-10	27.757	5.551	5.637E-10	33.944	6.789	1.031E-09	19.668	3.934	2.005E-10	47.360	9.472	2.800E-09	90.972	18.194	1.984E-08
681	34.547	6.909	1.087E-09	42.345	8.469	2.001E-09	20.732	4.146	2.349E-10	51.513	10.303	3.603E-09	44.476	8.895	2.319E-09	43.983	8.797	2.243E-09	43.304	8.661	2.140E-09
682	39.998	8.000	1.687E-09	59.726	11.945	5.615E-09	41.443	8.289	1.876E-09	36.705	7.341	1.303E-09	15.919	3.184	1.063E-10	-7.435	0.000	0.000E+00	35.072	7.014	1.137E-09
683	78.207	15.641	1.261E-08	47.903	9.581	2.897E-09	46.712	9.342	2.686E-09	90.409	18.082	1.948E-08	26.507	5.301	4.909E-10	41.505	8.301	1.884E-09	34.980	6.996	1.128E-09
684	40.596	8.119	1.763E-09	37.957	7.591	1.441E-09	39.705	7.941	1.650E-09	36.999	7.400	1.335E-09	47.796	9.559	2.878E-09	42.266	8.453	1.990E-09	254.722	50.944	4.356E-07
685	25.909	5.182	4.584E-10	45.813	9.163	2.534E-09	40.750	8.150	1.784E-09	38.861	7.772	1.547E-09	36.705	7.341	1.303E-09	37.210	7.442	1.358E-09	35.871	7.174	1.217E-09
686	37.900	7.580	1.435E-09	41.111	8.222	1.831E-09	49.513	9.903	3.199E-09	42.994	8.599	2.095E-09	12.148	2.430	4.725E-11	10.538	2.108	3.085E-11	39.250	7.850	1.594E-09
687	37.950	7.590	1.441E-09	20.649	4.130	2.321E-10	31.597	6.319	8.314E-10	9.413	1.883	2.198E-11	17.787	3.557	1.483E-10	38.179	7.636	1.467E-09	40.081	8.016	1.697E-09
688	42.232	8.446	1.985E-09	16.912	3.382	1.275E-10	28.677	5.735	6.216E-10	36.676	7.335	1.300E-09	43.887	8.777	2.228E-09	16.883	3.377	1.268E-10	35.405	7.081	1.170E-09
689	38.537	7.707	1.508E-09	15.300	3.060	9.439E-11	25.971	5.194	4.617E-10	46.656	9.331	2.677E-09	45.349	9.070	2.458E-09	8.465	1.693	1.599E-11	38.420	7.684	1.495E-09
690	13.253	2.651	6.135E-11	30.818	6.164	7.715E-10	37.949	7.590	1.440E-09	14.623	2.925	8.241E-11	17.805	3.561	1.488E-10	56.797	11.359	4.829E-09	35.026	7.005	1.133E-09
691	50.262	10.052	3.347E-09	42.910	8.582	2.082E-09	20.179	4.036	2.166E-10	99.098	19.820	2.565E-08	41.415	8.283	1.872E-09	35.898	7.180	1.219E-09	57.624	11.525	5.043E-09
692	28.090	5.618	5.842E-10	-20.992	0.000	0.000E+00	97.699	19.540	2.458E-08	29.460	5.892	6.739E-10	47.503	9.501	2.825E-09	47.580	9.516	2.839E-09	29.876	5.975	7.029E-10
693	45.764	9.153	2.526E-09	40.868	8.174	1.799E-09	25.189	5.038	4.213E-10	91.606	18.321	2.026E-08	47.173	9.435	2.767E-09	40.139	8.028	1.704E-09	17.456	3.491	1.402E-10
694	41.953	8.391	1.946E-09	37.878	7.576	1.432E-09	-33.175	0.000	0.000E+00	13.004	2.601	5.796E-11	16.450	3.290	1.173E-10	47.127	9.425	2.759E-09	11.512	2.302	4.021E-11
695	44.533	8.907	2.328E-09	44.314	8.863	2.294E-09	13.764	2.753	6.872E-11	82.547	16.509	1.482E-08	45.829	9.166	2.537E-09	28.587	5.717	6.158E-10	10.530	2.106	3.078E-11
696	42.351	8.470	2.002E-09	41.229	8.246	1.847E-09	17.736	3.547	1.470E-10	136.987	27.397	6.775E-08	33.059	6.612	9.523E-10	17.288	3.458	1.362E-10	17.348	3.470	1.376E-10
697	34.698	6.940	1.101E-09	21.077	4.215	2.468E-10	40.163	8.033	1.707E-09	36.630	7.326	1.295E-09	40.139	8.028	1.704E-09	13.048	2.610	5.855E-11	42.775	8.555	2.063E-09
698	35.740	7.148	1.203E-09	88.893	17.779	1.851E-08	41.915	8.383	1.941E-09	12.591	2.518	5.261E-11	44.879	8.976	2.382E-09	42.249	8.450	1.988E-09	13.060	2.612	5.871E-11
699	14.478	2.896	7.999E-11	41.227	8.245	1.847E-09	51.636	10.327	3.629E-09	40.375	8.075	1.735E-09	9.624	1.925	2.349E-11	14.782	2.956	8.514E-11	13.584	2.717	6.607E-11
700	44.044	8.809	2.252E-09	42.681	8.536	2.049E-09	44.672	8.934	2.350E-09	55.680	11.136	4.550E-09	12.148	2.430	4.725E-11	31.353	6.271	8.123E-10	38.799	7.760	1.539E-09
701	36.436	7.287	1.275E-09	34.156	6.831	1.050E-09	41.663	8.333	1.906E-09	39.165	7.833	1.583E-09	24.077	4.815	3.679E-10	39.581	7.916	1.634E-09	43.418	8.684	2.157E-09
702	41.843	8.369	1.931E-09	48.646	9.729	3.034E-09	42.076	8.415	1.963E-09	91.942	18.388	2.049E-08	46.422	9.284	2.637E-09	72.297	14.459	9.960E-09	49.306	9.861	3.159E-09
703	19.029	3.806	1.816E-10	36.833	7.367	1.317E-09	34.972	6.994	1.127E-09	12.482	2.496	5.126E-11	21.207	4.241	2.514E-10	50.312	10.062	3.357E-09	42.706	8.541	2.053E-09
704	44.579	8.916	2.335E-09	42.031	8.406	1.957E-09	73.988	14.798	1.068E-08	33.526	6.705	9.932E-10	38.455	7.691	1.499E-09	17.115	3.423	1.321E-10	48.395	9.679	2.987E-09
705	46.089	9.218	2.580E-09	92.403	18.481	2.079E-08	46.155	9.231	2.592E-09	54.189	10.838	4.194E-09	41.320	8.264	1.859E-09	53.808	10.762	4.106E-09	40.928	8.186	1.807E-09
706	48.327	9.665	2.975E-09	41.363	8.273	1.865E-09	9.751	1.950	2.444E-11	47.763	9.553	2.872E-09	7.597	1.519	1.156E-11	8.093	1.619	1.397E-11	43.026	8.605	2.099E-09
707	17.991	3.598	1.535E-10	41.613	8.323	1.899E-09	39.648	7.930	1.643E-09	13.165	2.633	6.014E-11	53.856	10.771	4.117E-09	14.119	2.824	7.418E-11	46.027	9.205	2.570E-09
708	11.004	2.201	3.512E-11	92.868	18.574	2.111E-08	47.768	9.554	2.873E-09	90.498	18.100	1.954E-08	49.962	9.992	3.287E-09	28.438	5.688	6.061E-10	38.049	7.610	1.452E-09
709	28.097	5.619	5.846E-10	38.468	7.694	1.500E-09	51.543	10.309	3.609E-09	32.162	6.432	8.769E-10	91.504	18.301	2.019E-08	43.588	8.718	2.183E-09	38.666	7.733	1.524E-09
710	11.316	2.263	3.819E-11	48.894	9.779	3.081E-09	51.496	10.299	3.599E-09	38.997	7.799	1.563E-09	48.890	9.778	3.080E-09	41.863	8.373	1			

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
711	43.945	8.789	2.237E-09	18.044	3.609	1.548E-10	60.179	12.036	5.744E-09	33.231	6.646	9.672E-10	60.275	12.055	5.772E-09	28.288	5.658	5.966E-10	46.729	9.346	2.689E-09
712	35.315	7.063	1.161E-09	36.007	7.201	1.230E-09	16.532	3.306	1.191E-10	140.707	28.141	7.342E-08	12.981	2.596	5.765E-11	27.635	5.527	5.562E-10	41.966	8.393	1.948E-09
713	46.549	9.310	2.658E-09	42.962	8.592	2.090E-09	11.880	2.376	4.419E-11	49.210	9.842	3.141E-09	147.117	29.423	8.392E-08	41.286	8.257	1.855E-09	96.937	19.387	2.401E-08
714	48.492	9.698	3.005E-09	16.422	3.284	1.167E-10	32.167	6.433	8.773E-10	47.607	9.521	2.844E-09	40.926	8.185	1.807E-09	46.786	9.357	2.699E-09	44.830	8.966	2.375E-09
715	14.629	2.926	8.252E-11	40.231	8.046	1.716E-09	38.364	7.673	1.488E-09	12.872	2.574	5.621E-11	20.051	4.010	2.125E-10	44.173	8.835	2.272E-09	20.677	4.135	2.330E-10
716	29.409	5.882	6.704E-10	33.958	6.792	1.032E-09	41.478	8.296	1.881E-09	25.962	5.192	4.612E-10	90.687	18.137	1.966E-08	42.334	8.467	2.000E-09	13.780	2.756	6.896E-11
717	40.238	8.048	1.717E-09	38.494	7.699	1.503E-09	37.252	7.450	1.363E-09	18.960	3.792	1.796E-10	15.235	3.047	9.321E-11	7.476	1.495	1.101E-11	37.822	7.564	1.426E-09
718	48.933	9.787	3.088E-09	12.865	2.573	5.612E-11	46.769	9.354	2.696E-09	86.619	17.324	1.713E-08	37.029	7.406	1.338E-09	13.889	2.778	7.061E-11	38.676	7.735	1.525E-09
719	41.702	8.340	1.912E-09	40.519	8.104	1.753E-09	40.766	8.153	1.786E-09	80.699	16.140	1.385E-08	55.157	11.031	4.423E-09	43.105	8.621	2.111E-09	41.331	8.266	1.861E-09
720	44.635	8.927	2.344E-09	39.954	7.991	1.681E-09	45.251	9.050	2.442E-09	30.244	6.049	7.291E-10	42.995	8.599	2.095E-09	43.699	8.740	2.199E-09	14.504	2.901	8.043E-11
721	40.126	8.025	1.703E-09	10.366	2.073	2.936E-11	19.072	3.814	1.828E-10	54.957	10.991	4.375E-09	17.179	3.436	1.336E-10	41.689	8.338	1.910E-09	35.579	7.116	1.187E-09
722	44.665	8.933	2.349E-09	30.035	6.007	7.141E-10	39.933	7.987	1.678E-09	83.001	16.600	1.507E-08	33.353	6.671	9.779E-10	16.483	3.297	1.180E-10	48.582	9.716	3.022E-09
723	38.968	7.794	1.560E-09	34.802	6.960	1.111E-09	45.901	9.180	2.549E-09	45.437	9.087	2.472E-09	17.003	3.401	1.296E-10	23.160	4.632	3.274E-10	39.403	7.881	1.612E-09
724	36.553	7.311	1.287E-09	41.131	8.226	1.834E-09	48.508	9.702	3.008E-09	15.031	3.006	8.950E-11	41.834	8.367	1.930E-09	16.991	3.398	1.293E-10	54.460	10.892	4.257E-09
725	25.989	5.198	4.626E-10	46.685	9.337	2.682E-09	21.660	4.332	2.678E-10	40.921	8.184	1.806E-09	133.739	26.748	6.305E-08	40.551	8.110	1.757E-09	52.806	10.561	3.881E-09
726	42.798	8.560	2.066E-09	52.194	10.439	3.748E-09	100.200	20.040	2.652E-08	37.945	7.589	1.440E-09	12.419	2.484	5.049E-11	15.007	3.001	8.909E-11	11.506	2.301	4.014E-11
727	43.979	8.796	2.242E-09	43.864	8.773	2.224E-09	28.016	5.603	5.796E-10	36.603	7.321	1.293E-09	28.344	5.669	6.001E-10	57.289	11.458	4.956E-09	33.237	6.647	9.678E-10
728	36.831	7.366	1.317E-09	37.765	7.553	1.420E-09	44.129	8.826	2.265E-09	31.030	6.206	7.875E-10	27.153	5.431	5.277E-10	-12.658	0.000	0.000E+00	46.699	9.340	2.684E-09
729	41.158	8.232	1.838E-09	38.271	7.654	1.477E-09	38.842	7.768	1.545E-09	39.571	7.914	1.633E-09	23.326	4.665	3.345E-10	50.112	10.022	3.317E-09	62.515	12.503	6.439E-09
730	38.804	7.761	1.540E-09	39.355	7.871	1.607E-09	41.100	8.220	1.830E-09	39.217	7.843	1.590E-09	37.334	7.467	1.372E-09	12.634	2.527	5.315E-11	42.423	8.485	2.012E-09
731	47.207	9.441	2.773E-09	46.044	9.209	2.573E-09	37.746	7.549	1.417E-09	150.033	30.007	8.901E-08	16.655	3.331	1.218E-10	47.896	9.579	2.896E-09	13.942	2.788	7.143E-11
732	24.873	4.975	4.056E-10	41.167	8.233	1.839E-09	42.476	8.495	2.020E-09	-47.830	0.000	0.000E+00	126.922	25.384	5.389E-08	48.555	9.711	3.017E-09	19.574	3.915	1.977E-10
733	19.687	3.937	2.011E-10	7.418	1.484	1.076E-11	37.964	7.593	1.442E-09	35.699	7.140	1.199E-09	38.525	7.705	1.507E-09	41.238	8.248	1.848E-09	51.038	10.208	3.504E-09
734	36.102	7.220	1.240E-09	42.610	8.522	2.039E-09	37.340	7.468	1.372E-09	90.606	18.121	1.960E-08	43.621	8.724	2.188E-09	27.598	5.520	5.540E-10	28.987	5.797	6.420E-10
735	13.589	2.718	6.614E-11	31.347	6.269	8.118E-10	-15.760	0.000	0.000E+00	81.741	16.348	1.439E-08	136.180	27.236	6.656E-08	42.943	8.589	2.087E-09	42.131	8.426	1.971E-09
736	47.604	9.521	2.843E-09	28.533	5.707	6.123E-10	38.630	7.726	1.519E-09	95.172	19.034	2.272E-08	41.692	8.338	1.910E-09	21.841	4.368	2.746E-10	37.200	7.440	1.357E-09
737	11.377	2.275	3.882E-11	47.229	9.446	2.777E-09	41.567	8.313	1.893E-09	39.844	7.969	1.667E-09	50.672	10.134	3.429E-09	39.347	7.869	1.606E-09	43.501	8.700	2.170E-09
738	25.322	5.064	4.279E-10	34.998	7.000	1.130E-09	46.624	9.325	2.671E-09	153.041	30.608	9.447E-08	8.035	1.607	1.367E-11	45.148	9.030	2.426E-09	44.032	8.806	2.250E-09
739	43.184	8.637	2.123E-09	38.929	7.786	1.555E-09	45.143	9.029	2.425E-09	42.464	8.493	2.018E-09	36.893	7.379	1.324E-09	46.153	9.231	2.591E-09	41.869	8.374	1.935E-09
740	41.272	8.254	1.853E-09	37.753	7.551	1.418E-09	34.198	6.840	1.054E-09	50.718	10.144	3.439E-09	131.248	26.250	5.959E-08	29.823	5.965	6.991E-10	46.027	9.205	2.570E-09
741	33.749	6.750	1.013E-09	46.101	9.220	2.582E-09	48.512	9.702	3.009E-09	52.933	10.587	3.909E-09	10.817	2.163	3.336E-11	43.570	8.714	2.180E-09	35.432	7.086	1.172E-09
742	50.020	10.004	3.298E-09	20.348	4.070	2.220E-10	45.006	9.001	2.403E-09	86.054	17.211	1.680E-08	84.372	16.874	1.583E-08	33.025	6.605	9.494E-10	25.909	5.182	4.584E-10
743	47.966	9.593	2.909E-09	41.278	8.256	1.854E-09	38.314	7.663	1.482E-09	134.885	26.977	6.468E-08	19.608	3.922	1.987E-10	44.943	8.989	2.393E-09	48.734	9.747	3.051E-09
744	41.824	8.365	1.928E-09	15.600	3.120	1.001E-10	-6.318	0.000	0.000E+00	36.761	7.352	1.309E-09	13.192	2.638	6.051E-11	8.047	1.609	1.374E-11	31.791	6.358	8.468E-10
745	24.439	4.888	3.847E-10	43.334	8.667	2.145E-09	21.461	4.292	2.605E-10	45.592	9.118	2.498E-09	43.780	8.756	2.212E-09	37.853	7.571	1.430E-09	49.340	9.868	3.166E-09
746	51.059	10.212	3.508E-09	48.950	9.790	3.091E-09	42.335	8.467	2.000E-09	33.053	6.611	9.517E-10	16.543	3.309	1.193E-10	46.489	9.298	2.648E-09	42.788	8.558	2.065E-09
747	41.270	8.254	1.853E-09	37.901	7.580	1.435E-09	45.192	9.038	2.433E-09	44.777	8.955	2.366E-09	140.373	28.075	7.290E-08	44.379	8.876	2.304E-09	43.823	8.765	2.218E-09
748	34.291	6.858	1.063E-09	36.526	7.305	1.284E-09	68.415	13.683	8.440E-09	105.328	21.066	3.080E-08	43.725	8.745	2.203E-09	83.419	16.684	1.530E-08	45.200	9.040	2.434E-09
749	53.447	10.689	4.024E-09	46.055	9.211	2.575E-09	31.353	6.271	8.123E-10	-18.805	0.000	0.000E+00	32.617	6.523	9.146E-10	45.119	9.024	2.421E-09	39.151	7.830	1.582E-09
750	41.898	8.380	1.939E-09	12.308	2.462	4.914E-11	50.007	10.001	3.296E-09	142.255	28.451	7.587E-08	85.570	17.114	1.651E-08	41.267	8.253	1.852E-09	44.310	8.862	2.293E-09
751	35.469	7.094	1.176E-09	32.498	6.500	9.046E-10	46.335	9.267	2.622E-09	-22.827	0.000	0.000E+00	122.138	24.428	4.802E-08	42.355	8.471	2.003E-09	46.775	9.355	2.697E-09
752	34.110	6.822	1.046E-09	47.201	9.440	2.772E-09	45.118	9.024	2.421E-09	31.172	6.234	7.984E-10	15.893	3.179	1.058E-10	42.782	8.556	2.064E-09	40.599	8.120	1.764E-09
753	37.216	7.443	1.359E-09	45.957	9.191	2.558E-09	38.773	7.755	1.536E-09	53.297	10.659	3.990E-09	51.698	10.340	3.642E-09	20.408	4.082	2.240E-10	13.923	2.785	7.114E-11
754	27.538	5.508	5.504E-10	42.779	8.556	2.063E-09	44.905	8.981	2.386E-09	39.060	7.812	1.571E-09	11.955	2.391	4.503E-11	38.866	7.773	1.547E-09	33.800	6.760	1.018E-09
755	39.100	7.820	1.575E-09	44.881	8.976	2.383E-09	38.333	7.667	1.485E-09	41.549	8.310	1.891E-09	17.522	3.504	1.418E-10	49.144					

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
756	18.083	3.617	1.558E-10	39.147	7.829	1.581E-09	41.487	8.297	1.882E-09	87.988	17.598	1.795E-08	36.708	7.342	1.304E-09	34.501	6.900	1.082E-09	27.936	5.587	5.746E-10
757	19.930	3.986	2.086E-10	13.919	2.784	7.107E-11	15.399	3.080	9.625E-11	43.531	8.706	2.174E-09	99.787	19.957	2.619E-08	25.507	5.101	4.374E-10	10.223	2.045	2.816E-11
758	13.785	2.757	6.904E-11	35.324	7.065	1.162E-09	32.533	6.507	9.075E-10	87.382	17.476	1.759E-08	12.980	2.596	5.764E-11	48.177	9.635	2.947E-09	24.858	4.972	4.049E-10
759	12.635	2.527	5.316E-11	43.541	8.708	2.176E-09	49.451	9.890	3.187E-09	88.664	17.733	1.837E-08	11.249	2.250	3.752E-11	48.827	9.765	3.068E-09	43.950	8.790	2.238E-09
760	43.882	8.776	2.227E-09	13.727	2.745	6.817E-11	46.860	9.372	2.712E-09	-25.516	0.000	0.000E+00	41.861	8.372	1.933E-09	12.838	2.568	5.577E-11	44.060	8.812	2.254E-09
761	50.414	10.083	3.377E-09	100.099	20.020	2.644E-08	45.078	9.016	2.414E-09	46.315	9.263	2.618E-09	39.719	7.944	1.651E-09	44.971	8.994	2.397E-09	-8.916	0.000	0.000E+00
762	13.946	2.789	7.150E-11	126.032	25.206	5.276E-08	40.651	8.130	1.771E-09	42.076	8.415	1.963E-09	39.529	7.906	1.628E-09	34.925	6.985	1.123E-09	52.475	10.495	3.808E-09
763	37.635	7.527	1.405E-09	97.738	19.548	2.461E-08	25.411	5.082	4.325E-10	22.920	4.584	3.173E-10	16.949	3.390	1.283E-10	17.723	3.545	1.467E-10	50.289	10.058	3.352E-09
764	42.954	8.591	2.089E-09	42.256	8.451	1.989E-09	38.548	7.710	1.510E-09	54.781	10.956	4.333E-09	46.669	9.334	2.679E-09	16.669	3.334	1.221E-10	46.804	9.361	2.702E-09
765	35.409	7.082	1.170E-09	34.022	6.804	1.038E-09	9.697	1.939	2.403E-11	19.177	3.835	1.859E-10	53.306	10.661	3.992E-09	9.329	1.866	2.140E-11	39.608	7.922	1.638E-09
766	38.042	7.608	1.451E-09	50.044	10.009	3.303E-09	43.115	8.623	2.112E-09	19.877	3.975	2.070E-10	43.950	8.790	2.238E-09	38.242	7.648	1.474E-09	30.444	6.089	7.437E-10
767	36.960	7.392	1.331E-09	17.919	3.584	1.516E-10	15.967	3.193	1.073E-10	48.655	9.731	3.036E-09	10.358	2.072	2.929E-11	18.577	3.715	1.690E-10	53.263	10.653	3.983E-09
768	48.259	9.652	2.962E-09	55.863	11.173	4.595E-09	53.035	10.607	3.932E-09	78.940	15.788	1.297E-08	51.640	10.328	3.630E-09	21.403	4.281	2.584E-10	47.822	9.564	2.883E-09
769	12.624	2.525	5.302E-11	34.880	6.976	1.118E-09	45.140	9.028	2.424E-09	43.261	8.652	2.134E-09	51.942	10.388	3.694E-09	42.192	8.438	1.980E-09	21.592	4.318	2.653E-10
770	40.521	8.104	1.754E-09	17.446	3.489	1.400E-10	38.987	7.797	1.562E-09	87.184	17.437	1.747E-08	-8.999	0.000	0.000E+00	40.509	8.102	1.752E-09	45.930	9.186	2.554E-09
771	50.599	10.120	3.414E-09	38.740	7.748	1.532E-09	38.256	7.651	1.476E-09	-11.253	0.000	0.000E+00	41.981	8.396	1.950E-09	23.265	4.653	3.319E-10	49.713	9.943	3.238E-09
772	50.840	10.168	3.463E-09	42.419	8.484	2.012E-09	47.726	9.545	2.865E-09	32.607	6.521	9.137E-10	39.561	7.912	1.632E-09	15.231	3.046	9.312E-11	44.921	8.984	2.389E-09
773	20.597	4.119	2.303E-10	41.337	8.267	1.862E-09	45.671	9.134	2.511E-09	41.877	8.375	1.936E-09	85.332	17.066	1.638E-08	35.180	7.036	1.148E-09	-12.837	0.000	0.000E+00
774	41.551	8.310	1.891E-09	40.911	8.182	1.805E-09	10.545	2.109	3.091E-11	34.412	6.882	1.074E-09	147.177	29.435	8.403E-08	-12.339	0.000	0.000E+00	40.737	8.147	1.782E-09
775	46.612	9.322	2.669E-09	41.602	8.320	1.898E-09	12.532	2.506	5.187E-11	39.720	7.944	1.652E-09	138.418	27.684	6.990E-08	38.676	7.735	1.525E-09	26.575	5.315	4.947E-10
776	19.449	3.890	1.939E-10	37.300	7.460	1.368E-09	41.942	8.388	1.945E-09	83.476	16.695	1.533E-08	19.699	3.940	2.015E-10	51.686	10.337	3.639E-09	16.386	3.277	1.160E-10
777	51.988	10.398	3.703E-09	19.219	3.844	1.871E-10	27.000	5.400	5.188E-10	21.369	4.274	2.572E-10	31.170	6.234	7.982E-10	47.543	9.509	2.832E-09	48.995	9.799	3.100E-09
778	26.405	5.281	4.852E-10	43.121	8.624	2.113E-09	47.639	9.528	2.850E-09	87.081	17.416	1.740E-08	16.517	3.303	1.188E-10	22.332	4.466	2.936E-10	16.639	3.328	1.214E-10
779	47.483	9.497	2.822E-09	38.976	7.795	1.561E-09	11.812	2.362	4.343E-11	45.357	9.071	2.459E-09	39.778	7.956	1.659E-09	16.234	3.247	1.128E-10	72.474	14.495	1.003E-08
780	20.930	4.186	2.417E-10	35.811	7.162	1.210E-09	44.460	8.892	2.316E-09	86.142	17.228	1.685E-08	24.037	4.807	3.660E-10	14.547	2.909	8.113E-11	47.543	9.509	2.832E-09
781	46.124	9.225	2.586E-09	8.033	1.607	1.366E-11	40.075	8.015	1.696E-09	65.576	13.115	7.432E-09	7.544	1.509	1.131E-11	38.241	7.648	1.474E-09	12.754	2.551	5.468E-11
782	32.378	6.476	8.947E-10	46.537	9.307	2.656E-09	14.002	2.800	7.235E-11	48.616	9.723	3.029E-09	94.282	18.856	2.209E-08	11.959	2.392	4.508E-11	12.154	2.431	4.732E-11
783	52.008	10.402	3.708E-09	36.087	7.217	1.239E-09	19.375	3.875	1.917E-10	40.222	8.044	1.715E-09	15.588	3.118	9.982E-11	43.385	8.677	2.152E-09	13.479	2.696	6.455E-11
784	25.062	5.012	4.149E-10	51.759	10.352	3.655E-09	19.250	3.850	1.880E-10	16.905	3.381	1.273E-10	141.826	28.365	7.519E-08	43.582	8.716	2.182E-09	32.932	6.586	9.413E-10
785	19.318	3.864	1.900E-10	20.501	4.100	2.271E-10	43.030	8.606	2.100E-09	32.870	6.574	9.360E-10	25.148	5.030	4.192E-10	32.768	6.554	9.273E-10	39.671	7.934	1.646E-09
786	13.645	2.729	6.695E-11	34.345	6.869	1.068E-09	19.568	3.914	1.975E-10	40.664	8.133	1.772E-09	68.841	13.768	8.599E-09	19.097	3.819	1.836E-10	9.991	1.998	2.628E-11
787	34.595	6.919	1.091E-09	16.776	3.355	1.244E-10	44.115	8.823	2.263E-09	145.225	29.045	8.073E-08	26.139	5.228	4.707E-10	48.915	9.783	3.085E-09	47.661	9.532	2.853E-09
788	44.924	8.985	2.390E-09	49.335	9.867	3.165E-09	10.476	2.095	3.030E-11	41.217	8.243	1.846E-09	47.390	9.478	2.805E-09	46.757	9.351	2.694E-09	39.913	7.983	1.676E-09
789	52.319	10.464	3.775E-09	46.645	9.329	2.675E-09	19.565	3.913	1.974E-10	13.307	2.661	6.211E-11	79.958	15.992	1.347E-08	51.227	10.245	3.543E-09	37.558	7.512	1.396E-09
790	11.297	2.259	3.800E-11	54.137	10.827	4.182E-09	16.718	3.344	1.232E-10	43.489	8.698	2.168E-09	41.719	8.344	1.914E-09	64.239	12.848	6.987E-09	19.750	3.950	2.031E-10
791	41.392	8.278	1.869E-09	48.856	9.771	3.074E-09	45.696	9.139	2.515E-09	128.326	25.665	5.570E-08	41.732	8.346	1.916E-09	46.793	9.359	2.700E-09	45.571	9.114	2.494E-09
792	45.181	9.036	2.431E-09	45.770	9.154	2.527E-09	27.276	5.455	5.348E-10	51.230	10.246	3.544E-09	14.895	2.979	8.709E-11	35.230	7.046	1.152E-09	64.842	12.968	7.186E-09
793	33.481	6.696	9.892E-10	46.987	9.397	2.734E-09	16.915	3.383	1.276E-10	36.729	7.346	1.306E-09	45.030	9.006	2.407E-09	43.980	8.796	2.242E-09	23.647	4.729	3.485E-10
794	39.909	7.982	1.675E-09	15.526	3.105	9.864E-11	27.353	5.471	5.394E-10	39.815	7.963	1.664E-09	85.062	17.012	1.622E-08	32.013	6.403	8.647E-10	40.493	8.099	1.750E-09
795	93.069	18.614	2.125E-08	47.043	9.409	2.744E-09	14.487	2.897	8.014E-11	102.009	20.402	2.798E-08	90.451	18.090	1.950E-08	7.921	1.584	1.310E-11	35.277	7.055	1.157E-09
796	13.545	2.709	6.549E-11	17.729	3.546	1.469E-10	26.677	5.335	5.004E-10	51.092	10.218	3.515E-09	55.536	11.107	4.514E-09	40.438	8.088	1.743E-09	73.520	14.704	1.047E-08
797	11.719	2.344	4.242E-11	49.338	9.868	3.165E-09	17.763	3.553	1.477E-10	38.240	7.648	1.474E-09	42.770	8.554	2.242E-09	43.932	8.786	2.235E-09	40.813	8.163	1.792E-09
798	13.050	2.610	5.858E-11	16.020	3.204	1.084E-10	19.335	3.867	1.905E-10	38.033	7.607	1.450E-09	59.722	11.944	5.614E-09	11.311	2.262	3.815E-11	54.404	10.881	4.244E-09
799	15.923	3.185	1.064E-10	46.309	9.262	2.618E-09	25.735	5.147	4.492E-10	40.591	8.118	1.763E-09	131.754	26.351	6.028E-08	37.789	7.558	1.422E-09	44.535	8.907	2.328E-09
800	35.295	7.059	1.159E-09	41.061	8.212	1.825E-09	41.874	8.375	1.935E-09	10.804	2.161	3.324E-11	91.691	18.338	2.032E-08	53.334					

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
801	41.085	8.217	1.828E-09	41.668	8.334	1.907E-09	11.726	2.345	4.250E-11	253.617	50.723	4.300E-07	149.642	29.928	8.832E-08	151.888	30.378	9.235E-08	38.540	7.708	1.509E-09
802	41.168	8.234	1.839E-09	37.915	7.583	1.437E-09	40.451	8.090	1.745E-09	91.004	18.201	1.986E-08	125.720	25.144	5.237E-08	36.586	7.317	1.291E-09	28.436	5.687	6.060E-10
803	43.630	8.726	2.189E-09	16.682	3.336	1.224E-10	45.120	9.024	2.421E-09	133.056	26.611	6.209E-08	42.286	8.457	1.993E-09	37.850	7.570	1.429E-09	32.022	6.404	8.654E-10
804	32.718	6.544	9.231E-10	98.122	19.624	2.490E-08	15.121	3.024	9.112E-11	15.756	3.151	1.031E-10	17.672	3.534	1.455E-10	38.680	7.736	1.525E-09	-8.929	0.000	0.000E+00
805	18.605	3.721	1.697E-10	23.599	4.720	3.464E-10	42.287	8.457	1.993E-09	47.088	9.418	2.752E-09	44.159	8.832	2.270E-09	27.182	5.436	5.293E-10	47.869	9.574	2.891E-09
806	41.249	8.250	1.850E-09	40.134	8.027	1.704E-09	51.395	10.279	3.578E-09	41.900	8.380	1.939E-09	50.203	10.041	3.335E-09	14.099	2.820	7.387E-11	55.571	11.114	4.523E-09
807	44.286	8.857	2.289E-09	38.731	7.746	1.531E-09	32.376	6.475	8.945E-10	54.184	10.837	4.193E-09	51.519	10.304	3.604E-09	14.196	2.839	7.541E-11	-6.517	0.000	0.000E+00
808	44.227	8.845	2.280E-09	53.410	10.682	4.016E-09	20.597	4.119	2.303E-10	44.880	8.976	2.383E-09	13.936	2.787	7.134E-11	10.427	2.085	2.988E-11	36.149	7.230	1.245E-09
809	17.763	3.553	1.477E-10	45.134	9.027	2.423E-09	45.733	9.147	2.521E-09	7.376	1.475	1.058E-11	19.479	3.896	1.948E-10	17.158	3.432	1.331E-10	8.339	1.668	1.528E-11
810	62.874	12.575	6.551E-09	48.349	9.670	2.979E-09	14.757	2.951	8.470E-11	90.392	18.078	1.947E-08	17.920	3.584	1.517E-10	47.757	9.551	2.871E-09	44.031	8.806	2.250E-09
811	25.584	5.117	4.414E-10	39.572	7.914	1.633E-09	37.964	7.593	1.442E-09	94.846	18.969	2.249E-08	12.963	2.593	5.741E-11	23.862	4.772	3.581E-10	53.883	10.777	4.123E-09
812	19.177	3.835	1.859E-10	54.616	10.923	4.294E-09	30.181	6.036	7.246E-10	75.753	15.151	1.146E-08	127.377	25.475	5.447E-08	26.473	5.295	4.890E-10	25.744	5.149	4.497E-10
813	45.779	9.156	2.529E-09	35.260	7.052	1.155E-09	40.579	8.116	1.761E-09	36.442	7.288	1.276E-09	7.642	1.528	1.176E-11	54.414	10.883	4.246E-09	39.584	7.917	1.635E-09
814	36.568	7.314	1.289E-09	49.275	9.855	3.153E-09	10.714	2.143	3.242E-11	29.848	5.970	7.009E-10	9.759	1.952	2.450E-11	11.686	2.337	4.206E-11	-35.847	0.000	0.000E+00
815	43.429	8.686	2.159E-09	78.624	15.725	1.281E-08	45.493	9.099	2.482E-09	50.127	10.025	3.320E-09	132.657	26.531	6.153E-08	46.079	9.216	2.579E-09	36.844	7.369	1.318E-09
816	43.899	8.780	2.230E-09	50.455	10.091	3.385E-09	42.315	8.463	1.997E-09	51.726	10.345	3.648E-09	13.763	2.753	6.871E-11	8.599	1.720	1.676E-11	28.062	5.612	5.824E-10
817	25.823	5.165	4.538E-10	40.043	8.009	1.692E-09	17.619	3.524	1.442E-10	13.484	2.697	6.461E-11	110.354	22.071	3.542E-08	40.048	8.010	1.693E-09	25.849	5.170	4.552E-10
818	18.535	3.707	1.678E-10	40.288	8.058	1.724E-09	62.498	12.500	6.434E-09	84.569	16.914	1.594E-08	-96.321	0.000	0.000E+00	12.864	2.573	5.611E-11	49.572	9.914	3.211E-09
819	17.258	3.452	1.355E-10	28.477	5.695	6.087E-10	11.537	2.307	4.047E-11	70.123	14.025	9.088E-09	140.035	28.007	7.238E-08	50.875	10.175	3.471E-09	-25.227	0.000	0.000E+00
820	42.611	8.522	2.039E-09	49.427	9.885	2.039E-09	32.573	6.515	9.109E-10	126.932	25.386	5.390E-08	16.625	3.325	1.211E-10	20.391	4.078	2.235E-10	38.101	7.620	1.458E-09
821	26.872	5.374	5.114E-10	40.304	8.061	1.726E-09	35.249	7.050	1.154E-09	107.876	21.575	3.309E-08	26.794	5.359	5.070E-10	32.702	6.540	9.218E-10	8.868	1.774	1.838E-11
822	52.666	10.533	3.850E-09	36.527	7.305	1.285E-09	38.041	7.608	1.451E-09	-80.798	0.000	0.000E+00	133.660	26.732	6.294E-08	54.701	10.940	4.314E-09	10.625	2.125	3.161E-11
823	34.885	6.977	1.119E-09	35.185	7.037	1.148E-09	14.638	2.928	8.267E-11	41.757	8.351	1.919E-09	137.289	27.458	6.820E-08	38.731	7.746	1.531E-09	42.962	8.592	2.090E-09
824	37.306	7.461	1.368E-09	35.169	7.034	1.146E-09	10.789	2.158	3.310E-11	63.487	12.697	6.745E-09	21.376	4.275	2.575E-10	22.085	4.417	2.839E-10	-27.640	0.000	0.000E+00
825	33.618	6.724	1.001E-09	22.288	4.458	2.918E-10	40.360	8.072	1.733E-09	38.103	7.621	1.458E-09	134.326	26.865	6.388E-08	13.471	2.694	6.443E-11	13.624	2.725	6.665E-11
826	35.888	7.178	1.218E-09	40.187	8.037	1.711E-09	13.852	2.770	7.006E-11	83.839	16.768	1.553E-08	42.557	8.511	2.031E-09	41.796	8.359	1.924E-09	18.539	3.708	1.680E-10
827	54.891	10.978	4.359E-09	45.197	9.039	2.433E-09	24.344	4.869	3.802E-10	65.621	13.124	7.448E-09	138.770	27.754	7.043E-08	43.713	8.743	2.202E-09	20.762	4.152	2.359E-10
828	-27.302	0.000	0.000E+00	21.085	4.217	2.471E-10	17.139	3.428	1.327E-10	71.578	14.316	9.666E-09	18.454	3.691	1.656E-10	42.569	8.514	2.033E-09	42.839	8.568	2.072E-09
829	43.823	8.765	2.218E-09	16.645	3.329	1.215E-10	60.877	12.175	5.946E-09	143.418	28.684	7.775E-08	139.146	27.829	7.101E-08	35.167	7.033	1.146E-09	39.578	7.916	1.634E-09
830	36.226	7.245	1.253E-09	55.286	11.057	4.454E-09	46.662	9.332	2.678E-09	48.359	9.672	2.981E-09	15.598	3.120	1.000E-10	7.662	1.532	1.186E-11	10.548	2.110	3.093E-11
831	40.403	8.081	1.738E-09	44.317	8.863	2.294E-09	41.414	8.283	1.872E-09	23.642	4.728	3.483E-10	37.139	7.428	1.350E-09	17.363	3.473	1.380E-10	23.547	4.709	3.441E-10
832	51.507	10.301	3.601E-09	25.871	5.174	4.564E-10	41.586	8.317	1.896E-09	86.448	17.290	1.703E-08	44.770	8.954	2.365E-09	86.442	17.288	1.702E-08	147.965	29.593	8.538E-08
833	45.191	9.038	2.432E-09	40.145	8.029	1.705E-09	46.836	9.367	2.708E-09	87.431	17.486	1.761E-08	10.226	2.045	2.818E-11	44.676	8.935	2.350E-09	22.484	4.497	2.996E-10
834	40.108	8.022	1.701E-09	46.556	9.311	2.660E-09	66.274	13.255	7.672E-09	47.370	9.474	2.801E-09	46.509	9.302	2.652E-09	48.979	9.796	3.097E-09	35.489	7.098	1.178E-09
835	24.737	4.947	3.990E-10	44.753	8.951	2.362E-09	48.432	9.686	2.994E-09	22.094	4.419	2.842E-10	130.418	26.084	5.847E-08	34.319	6.864	1.065E-09	37.808	7.562	1.424E-09
836	37.779	7.556	1.421E-09	39.861	7.972	1.669E-09	22.740	4.548	3.099E-10	39.602	7.920	1.637E-09	10.496	2.099	3.048E-11	18.198	3.640	1.588E-10	15.813	3.163	1.042E-10
837	11.044	2.209	3.550E-11	54.851	10.970	4.349E-09	11.465	2.293	3.972E-11	40.821	8.164	1.793E-09	143.613	28.723	7.807E-08	20.724	4.145	2.346E-10	88.408	17.682	1.821E-08
838	41.486	8.297	1.882E-09	48.155	9.631	2.943E-09	39.844	7.969	1.667E-09	57.197	11.439	4.932E-09	15.633	3.127	1.007E-10	6.145	1.229	6.117E-12	14.431	2.886	7.922E-11
839	12.314	2.463	4.922E-11	26.354	5.271	4.824E-10	39.858	7.972	1.669E-09	41.053	8.211	1.824E-09	48.045	9.609	2.923E-09	35.990	7.198	1.229E-09	19.148	3.830	1.850E-10
840	33.701	6.740	1.009E-09	-28.051	0.000	0.000E+00	27.261	5.452	5.340E-10	134.798	26.960	6.456E-08	52.606	10.521	3.837E-09	61.465	12.293	6.120E-09	-10.979	0.000	0.000E+00
841	15.318	3.064	9.473E-11	43.247	8.649	2.132E-09	43.429	8.686	2.159E-09	44.808	8.962	2.371E-09	39.712	7.942	1.651E-09	41.797	8.359	1.925E-09	134.169	26.834	6.366E-08
842	46.977	9.395	2.732E-09	47.357	9.471	2.799E-09	19.789	3.958	2.043E-10	84.428	16.850	1.576E-08	86.587	17.317	1.711E-08	55.771	11.154	4.572E-09	34.218	6.844	1.056E-09
843	11.469	2.294	3.976E-11	62.013	12.403	6.285E-09	48.121	9.624	2.937E-09	-9.653	0.000	0.000E+00	9.245	1.849	2.082E-11	150.863	30.173	9.050E-08	58.699	11.740	5.331E-09
844	26.543	5.309	4.929E-10	24.999	5.000	4.118E-10	42.676	8.535	2.049E-09	28.974	5.795	6.411E-10	48.555	9.711	3.017E-09	37.207	7.441	1.358E-09	25.359	5.072	4.298E-10
845	11.341	2.268	3.845E-11	45.433	9.087	2.472E-09	72.019	14.404	9.845E-09	88.702	17.740	1.839E-08	136.054	27.211	6.638E-08	43.212	8.642				

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
846	16.597	3.319	1.205E-10	35.948	7.190	1.224E-09	47.940	9.588	2.904E-09	15.769	3.154	1.033E-10	21.276	4.255	2.539E-10	16.116	3.223	1.103E-10	33.256	6.651	9.694E-10
847	12.202	2.440	4.789E-11	11.948	2.390	4.495E-11	57.416	11.483	4.989E-09	25.014	5.003	4.125E-10	71.955	14.391	9.819E-09	14.951	2.990	8.809E-11	37.605	7.521	1.402E-09
848	125.629	25.126	5.226E-08	46.054	9.211	2.574E-09	59.157	11.831	5.457E-09	9.694	1.939	2.401E-11	7.625	1.525	1.168E-11	37.816	7.563	1.425E-09	-24.897	0.000	0.000E+00
849	11.501	2.300	4.009E-11	52.635	10.527	3.843E-09	42.792	8.558	2.065E-09	45.817	9.163	2.535E-09	12.473	2.495	5.115E-11	20.204	4.041	2.174E-10	14.742	2.948	8.444E-11
850	36.539	7.308	1.286E-09	46.407	9.281	2.634E-09	-27.322	0.000	0.000E+00	6.214	1.243	6.324E-12	130.085	26.017	5.802E-08	38.501	7.700	1.504E-09	72.977	14.595	1.024E-08
851	11.452	2.290	3.959E-11	23.625	4.725	3.475E-10	38.447	7.689	1.498E-09	46.411	9.282	2.635E-09	30.635	6.127	7.578E-10	44.843	8.969	2.377E-09	46.266	9.253	2.610E-09
852	15.567	3.113	9.944E-11	11.805	2.361	4.337E-11	39.869	7.974	1.670E-10	33.344	6.669	9.771E-10	13.612	2.722	6.647E-11	97.596	19.519	2.450E-08	41.273	8.255	1.853E-09
853	135.335	27.067	6.533E-08	15.802	3.160	1.040E-10	17.480	3.496	1.408E-10	40.671	8.134	1.773E-09	81.679	16.336	1.436E-08	34.027	6.805	1.038E-09	47.693	9.539	2.859E-09
854	24.871	4.974	4.055E-10	38.320	7.664	1.483E-09	43.600	8.720	2.184E-09	27.597	5.519	5.540E-10	52.673	10.535	3.852E-09	46.824	9.365	2.706E-09	51.079	10.216	3.513E-09
855	25.392	5.078	4.315E-10	46.201	9.240	2.599E-09	42.489	8.498	2.022E-09	35.532	7.106	1.182E-09	38.818	7.764	1.542E-09	23.243	4.649	3.309E-10	11.911	2.382	4.453E-11
856	34.172	6.834	1.052E-09	40.461	8.092	1.746E-09	44.131	8.826	2.265E-09	101.576	20.315	2.762E-08	14.520	2.904	8.069E-11	80.096	16.019	1.354E-08	24.772	4.954	4.006E-10
857	10.890	2.178	3.404E-11	34.798	6.960	1.111E-09	31.440	6.288	8.191E-10	139.470	27.894	7.150E-08	26.709	5.342	5.022E-10	43.890	8.778	2.228E-09	40.066	8.013	1.695E-09
858	26.039	5.208	4.653E-10	20.892	4.178	2.403E-10	25.852	5.170	4.554E-10	41.102	8.220	1.830E-09	106.578	21.316	3.191E-08	144.109	28.822	7.888E-08	224.440	44.888	2.980E-07
859	9.162	1.832	2.027E-11	44.148	8.830	2.268E-09	15.374	3.075	9.578E-11	103.978	20.796	2.963E-08	14.759	2.952	8.474E-11	31.247	6.249	8.041E-10	153.621	30.724	9.555E-08
860	37.499	7.500	1.390E-09	44.578	8.916	2.335E-09	37.074	7.415	1.343E-09	-48.508	0.000	0.000E+00	133.293	26.659	6.242E-08	17.107	3.421	1.320E-10	46.813	9.363	2.704E-09
861	40.926	8.185	1.807E-09	44.223	8.845	2.279E-09	8.738	1.748	1.758E-11	21.978	4.396	2.798E-10	147.335	29.467	8.430E-08	19.843	3.969	2.059E-10	144.975	28.995	8.031E-08
862	17.720	3.544	1.466E-10	47.391	9.478	2.805E-09	14.746	2.949	8.451E-11	18.361	3.672	1.631E-10	143.308	28.662	7.757E-08	64.216	12.843	6.980E-09	150.938	30.188	9.063E-08
863	39.075	7.815	1.572E-09	35.200	7.040	1.150E-09	37.090	7.418	1.345E-09	149.144	29.829	8.744E-08	143.293	28.659	7.755E-08	146.594	29.319	8.303E-08	34.077	6.815	1.043E-09
864	51.682	10.336	3.638E-09	36.415	7.283	1.273E-09	42.662	8.532	2.047E-09	36.636	7.327	1.296E-09	9.199	1.840	2.052E-11	13.455	2.691	6.420E-11	41.131	8.226	1.834E-09
865	146.041	29.208	8.210E-08	39.321	7.864	1.602E-09	20.430	4.086	2.247E-10	139.773	27.955	7.197E-08	15.921	3.184	1.064E-10	10.809	2.162	3.328E-11	16.125	3.225	1.105E-10
866	48.713	9.743	3.047E-09	38.358	7.672	1.487E-09	38.631	7.726	1.520E-09	41.497	8.299	1.883E-09	140.843	28.169	7.364E-08	46.742	9.348	2.692E-09	34.430	6.886	1.076E-09
867	260.686	52.137	4.669E-07	38.364	7.673	1.488E-09	37.285	7.457	1.366E-09	42.417	8.483	2.011E-09	18.004	3.601	1.538E-10	29.978	5.996	7.101E-10	145.924	29.185	8.190E-08
868	13.557	2.711	6.567E-11	46.936	9.387	2.725E-09	23.629	4.726	3.477E-10	29.572	5.914	6.816E-10	82.042	16.408	1.455E-08	41.369	8.274	1.866E-09	19.068	3.814	1.827E-10
869	29.549	5.910	6.800E-10	31.785	6.357	8.463E-10	36.374	7.275	1.268E-09	40.986	8.197	1.815E-09	12.621	2.524	5.299E-11	-18.718	0.000	0.000E+00	25.890	5.178	4.574E-10
870	123.934	24.787	5.017E-08	36.635	7.327	1.296E-09	39.940	7.988	1.679E-09	20.453	4.091	2.255E-10	143.914	28.783	7.856E-08	17.059	3.412	1.308E-10	17.629	3.526	1.444E-10
871	-29.564	0.000	0.000E+00	40.798	8.160	1.790E-09	20.537	4.107	2.283E-10	29.395	5.879	6.694E-10	21.420	4.284	2.590E-10	12.180	2.436	4.762E-11	40.607	8.121	1.765E-09
872	36.643	7.329	1.297E-09	24.901	4.980	4.069E-10	44.010	8.802	2.247E-09	41.045	8.209	1.823E-09	73.805	14.761	1.060E-08	18.756	3.751	1.739E-10	39.176	7.835	1.585E-09
873	16.007	3.201	1.081E-10	37.878	7.576	1.432E-09	87.174	17.435	1.746E-08	10.531	2.106	3.078E-11	110.971	22.194	3.602E-08	45.002	9.000	2.402E-09	42.628	8.526	2.042E-09
874	14.038	2.808	7.291E-11	39.236	7.847	1.592E-09	-14.059	0.000	0.000E+00	45.095	9.019	2.417E-09	81.973	16.395	1.452E-08	91.058	18.212	1.990E-08	156.856	31.371	1.017E-07
875	46.344	9.269	2.623E-09	26.264	5.253	4.775E-10	36.931	7.386	1.328E-09	39.183	7.837	1.586E-09	61.250	12.250	6.056E-09	58.306	11.661	5.224E-09	61.261	12.252	6.060E-09
876	98.421	19.684	2.513E-08	9.951	1.990	2.597E-11	47.231	9.446	2.777E-09	90.953	18.191	1.983E-08	7.272	1.454	1.014E-11	147.287	29.457	8.421E-08	53.856	10.771	4.117E-09
877	144.233	28.847	7.908E-08	50.705	10.141	3.436E-09	15.554	3.111	9.918E-11	35.355	7.071	1.165E-09	141.547	28.309	7.475E-08	40.428	8.086	1.742E-09	9.621	1.924	2.347E-11
878	20.004	4.001	2.110E-10	24.679	4.936	3.962E-10	43.782	8.756	2.212E-09	12.223	2.445	4.814E-11	43.169	8.634	1.210E-09	11.754	2.351	4.280E-11	94.171	18.834	2.201E-08
879	25.910	5.182	4.584E-10	28.417	5.683	6.048E-10	11.434	2.287	3.940E-11	83.259	16.652	1.521E-08	141.522	28.304	7.471E-08	86.381	17.276	1.699E-08	43.362	8.672	2.149E-09
880	19.493	3.899	1.952E-10	26.061	5.212	4.665E-10	38.449	7.690	1.498E-09	35.912	7.182	1.221E-09	36.450	7.290	1.276E-09	-31.734	0.000	0.000E+00	48.163	9.633	2.945E-09
881	13.406	2.681	6.350E-11	46.742	9.348	2.692E-09	13.970	2.794	7.186E-11	8.194	1.639	1.450E-11	141.051	28.210	7.396E-08	76.483	15.297	1.179E-08	19.765	3.953	2.035E-10
882	44.960	8.992	2.395E-09	15.885	3.177	1.057E-10	11.110	2.222	3.615E-11	46.249	9.250	2.607E-09	33.593	6.719	9.992E-10	32.985	6.597	9.459E-10	32.289	6.458	8.873E-10
883	147.182	29.436	8.403E-08	15.355	3.071	9.543E-11	42.071	8.414	1.963E-09	90.017	18.003	1.922E-08	14.858	2.972	8.645E-11	37.687	7.537	1.411E-09	44.076	8.815	2.257E-09
884	11.904	2.381	4.446E-11	19.020	3.804	1.814E-10	53.154	10.631	3.958E-09	42.170	8.434	1.977E-09	131.361	26.272	5.974E-08	23.661	4.732	3.491E-10	32.881	6.576	9.370E-10
885	49.597	9.919	3.215E-09	39.429	7.886	1.616E-09	25.344	5.069	4.290E-10	47.723	9.545	2.865E-09	83.195	16.639	1.518E-08	8.048	1.610	1.374E-11	56.075	11.215	4.647E-09
886	15.805	3.161	1.041E-10	23.569	4.714	3.451E-10	40.902	8.180	1.803E-09	17.246	3.449	1.352E-10	6.005	1.201	5.708E-12	50.781	10.156	3.451E-09	15.719	3.144	1.024E-10
887	42.388	8.478	2.007E-09	11.937	2.387	4.483E-11	134.376	26.875	6.395E-08	128.246	25.649	5.559E-08	-10.720	0.000	0.000E+00	43.813	8.763	2.217E-09	44.601	8.920	2.338E-09
888	53.945	10.789	4.138E-09	42.212	8.442	1.982E-09	31.909	6.382	8.563E-10	44.437	8.887	2.313E-09	50.434	10.087	3.381E-09	110.615	22.123	3.567E-08	96.880	19.376	2.397E-08
889	13.697	2.739	6.773E-11	19.081	3.816	1.831E-10	15.723	3.145	1.025E-10	21.109	4.222	2.479E-10	9.891	1.978	2.550E-11	6.248	1.250	6.428E-12	83.886	16.777	1.556E-08
890	30.017	6.003	7.129E-10	40.699	8.140	1.777E-09	43.317	8.663	2.142E-09	21.699	4.340	2.693E-10	144.7								

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
891	41.994	8.399	1.952E-09	44.261	8.852	2.285E-09	40.965	8.193	1.812E-09	146.071	29.214	8.215E-08	17.192	3.438	1.339E-10	64.498	12.900	7.072E-09	138.970	27.794	7.074E-08
892	221.981	44.396	2.883E-07	11.311	2.262	3.814E-11	135.987	27.197	6.628E-08	15.092	3.018	9.060E-11	143.460	28.692	7.782E-08	139.473	27.895	7.151E-08	85.533	17.107	1.649E-08
893	38.479	7.696	1.502E-09	21.395	4.279	2.581E-10	55.637	11.127	4.539E-09	44.161	8.832	2.270E-09	61.423	12.285	6.108E-09	-116.976	0.000	0.000E+00	41.071	8.214	1.826E-09
894	42.274	8.455	1.991E-09	38.110	7.622	1.459E-09	11.257	2.251	3.760E-11	43.972	8.794	2.241E-09	144.517	28.903	7.955E-08	14.893	2.979	8.706E-11	12.957	2.591	5.733E-11
895	4.591	0.918	2.551E-12	40.203	8.041	1.713E-09	40.338	8.068	1.730E-09	55.632	11.126	4.538E-09	30.879	6.176	7.761E-10	103.668	20.734	2.936E-08	8.618	1.724	1.687E-11
896	158.759	31.752	1.055E-07	35.711	7.142	1.200E-09	44.464	8.893	2.317E-09	141.704	28.341	7.500E-08	20.511	4.102	2.274E-10	53.410	10.682	4.016E-09	-17.671	0.000	0.000E+00
897	136.783	27.357	6.745E-08	44.811	8.962	2.372E-09	137.454	27.491	6.845E-08	43.312	8.662	2.142E-09	14.385	2.877	7.845E-11	12.293	2.459	4.896E-11	82.972	16.594	1.506E-08
898	7.100	1.420	9.434E-12	36.481	7.296	1.280E-09	239.372	47.874	3.615E-07	146.448	29.290	8.278E-08	15.992	3.198	1.078E-10	-94.349	0.000	0.000E+00	16.650	3.330	1.216E-10
899	35.409	7.082	1.170E-09	13.176	2.635	6.029E-11	38.062	7.612	1.453E-09	89.738	17.948	1.905E-08	85.008	17.002	1.619E-08	20.716	4.143	2.343E-10	92.630	18.526	2.095E-08
900	8.807	1.761	1.800E-11	22.333	4.467	2.936E-10	13.336	2.667	6.251E-11	40.655	8.131	1.771E-09	34.273	6.855	1.061E-09	86.410	17.282	1.701E-08	53.509	10.702	4.038E-09
901	17.504	3.501	1.414E-10	8.186	1.637	1.446E-11	39.579	7.916	1.634E-09	134.600	26.920	6.427E-08	42.466	8.493	2.018E-09	67.356	13.471	8.054E-09	33.576	6.715	9.977E-10
902	20.964	4.193	2.428E-10	-16.172	0.000	0.000E+00	-22.334	0.000	0.000E+00	39.033	7.807	1.567E-09	34.167	6.833	1.051E-09	16.223	3.245	1.125E-10	119.868	23.974	4.539E-08
903	61.689	12.338	6.187E-09	34.867	6.973	1.117E-09	6.494	1.299	7.217E-12	20.626	4.125	2.313E-10	52.782	10.556	3.876E-09	17.120	3.424	1.322E-10	62.259	12.452	6.361E-09
904	15.697	3.139	1.019E-10	145.967	29.193	8.197E-08	29.653	5.931	6.872E-10	125.198	25.040	5.172E-08	181.688	36.338	1.581E-07	15.504	3.101	9.823E-11	33.240	6.648	9.680E-10
905	16.883	3.377	1.268E-10	42.586	8.517	2.036E-09	147.206	29.441	8.407E-08	80.736	16.147	1.387E-08	8.231	1.646	1.470E-11	62.453	12.491	6.420E-09	142.865	28.573	7.685E-08
906	49.712	9.942	3.238E-09	139.985	27.997	7.230E-08	40.420	8.084	1.741E-09	15.759	3.152	1.031E-10	7.552	1.510	1.135E-11	18.731	3.746	1.732E-10	21.178	4.236	2.503E-10
907	-58.473	0.000	0.000E+00	52.811	10.562	3.882E-09	44.382	8.876	2.304E-09	78.934	15.787	1.296E-08	140.944	28.189	7.380E-08	134.281	26.856	6.382E-08	146.456	29.291	8.280E-08
908	83.401	16.680	1.529E-08	12.799	2.560	5.526E-11	142.121	28.424	7.566E-08	125.128	25.026	5.164E-08	11.517	2.303	4.026E-11	77.378	15.476	1.221E-08	143.205	28.641	7.740E-08
909	40.289	8.058	1.724E-09	141.394	28.279	7.450E-08	-118.086	0.000	0.000E+00	148.094	29.619	8.561E-08	21.768	4.354	2.719E-10	94.619	18.924	2.233E-08	148.499	29.700	8.631E-08
910	41.701	8.340	1.911E-09	16.209	3.242	1.122E-10	-100.653	0.000	0.000E+00	141.392	28.278	7.450E-08	47.394	9.479	2.806E-09	129.447	25.889	5.717E-08	41.033	8.207	1.821E-09
911	32.280	6.456	8.865E-10	43.759	8.752	2.209E-09	13.320	2.664	6.229E-11	51.046	10.209	3.506E-09	22.480	4.496	2.994E-10	23.404	4.681	3.379E-10	93.050	18.610	2.123E-08
912	-9.014	0.000	0.000E+00	22.044	4.409	2.823E-10	89.113	17.823	1.865E-08	141.532	28.306	7.472E-08	113.012	22.602	3.804E-08	90.943	18.189	1.982E-08	56.926	11.385	4.862E-09
913	85.099	17.020	1.624E-08	54.647	10.929	4.301E-09	41.957	8.391	1.947E-09	50.367	10.073	3.368E-09	6.018	1.204	5.744E-12	136.032	27.206	6.635E-08	175.846	35.169	1.433E-07
914	43.293	8.659	2.139E-09	37.180	7.436	1.355E-09	11.913	2.383	4.456E-11	21.188	4.238	2.507E-10				20.915	4.183	2.411E-10	-142.708	0.000	0.000E+00
915	108.963	21.793	3.410E-08	46.128	9.226	2.587E-09	15.979	3.196	1.075E-10	131.679	26.336	6.018E-08				147.695	29.539	8.492E-08	100.032	20.006	2.638E-08
916	19.132	3.826	1.846E-10	25.979	5.196	4.621E-10	22.646	4.529	3.061E-10	38.003	7.601	1.447E-09				13.436	2.687	6.393E-11	115.398	23.080	4.050E-08
917	25.275	5.055	4.256E-10	30.580	6.116	7.537E-10	42.402	8.480	2.009E-09	13.412	2.682	6.359E-11				145.509	29.102	8.120E-08	137.280	27.456	6.819E-08
918	94.920	18.984	2.254E-08	15.046	3.009	8.977E-11	147.222	29.444	8.410E-08	87.075	17.415	1.740E-08				90.118	18.024	1.929E-08	15.553	3.111	9.916E-11
919	33.707	6.741	1.009E-09	33.880	6.776	1.025E-09	35.748	7.150	1.204E-09	142.437	28.487	7.617E-08				85.959	17.192	1.674E-08	17.676	3.535	1.456E-10
920	224.705	44.941	2.990E-07	40.132	8.026	1.704E-09	155.436	31.087	9.898E-08	85.064	17.013	1.622E-08				46.696	9.339	2.684E-09	142.692	28.538	7.658E-08
921	150.660	30.132	9.013E-08	51.030	10.206	3.502E-09	32.482	6.496	9.032E-10	83.518	16.704	1.535E-08				142.463	28.493	7.621E-08	128.632	25.726	5.610E-08
922	148.661	29.732	8.659E-08	-41.226	0.000	0.000E+00	46.516	9.303	2.653E-09	106.641	21.328	3.196E-08				149.270	29.854	8.766E-08	133.107	26.621	6.216E-08
923	46.642	9.328	2.674E-09	50.523	10.105	3.399E-09	126.216	25.243	5.299E-08	74.870	14.974	1.106E-08				132.726	26.545	6.163E-08	27.614	5.523	5.550E-10
924	34.411	6.882	1.074E-09	17.691	3.538	1.459E-10	16.749	3.350	1.238E-10	113.670	22.734	3.817E-08				146.969	29.394	8.367E-08	122.480	24.496	4.843E-08
925	59.098	11.820	5.440E-09	10.168	2.034	2.771E-11	147.736	29.547	8.499E-08	78.353	15.671	1.268E-08				138.427	27.685	6.991E-08	77.857	15.571	1.244E-08
926	109.791	21.958	3.488E-08	9.508	1.902	2.266E-11	133.331	26.666	6.247E-08	47.086	9.417	2.751E-09				32.119	6.424	8.733E-10	21.846	4.369	2.748E-10
927	-6.793	0.000	0.000E+00	45.928	9.186	2.553E-09	11.822	2.364	4.355E-11	38.085	7.617	1.456E-09				146.626	29.325	8.309E-08	149.342	29.868	8.779E-08
928	34.325	6.865	1.066E-09	53.216	10.643	3.972E-09	41.943	8.389	1.945E-09	153.246	30.649	9.485E-08				107.164	21.433	3.244E-08	103.673	20.735	2.937E-08
929	-114.758	0.000	0.000E+00	38.782	7.756	1.537E-09	38.651	7.730	1.522E-09	132.641	26.528	6.151E-08				60.620	12.124	5.871E-09	87.995	17.599	1.796E-08
930	27.716	5.543	5.612E-10	36.224	7.245	1.253E-09	-53.504	0.000	0.000E+00	82.339	16.468	1.471E-08				38.346	7.669	1.486E-09	97.399	19.480	2.435E-08
931	22.587	4.517	3.037E-10	135.815	27.163	6.603E-08	35.118	7.024	1.141E-09	20.909	4.182	2.409E-10				107.116	21.423	3.239E-08	83.578	16.716	1.539E-08
932	139.644	27.929	7.177E-08	23.679	4.736	3.499E-10	47.621	9.524	2.846E-09	17.743	3.549	1.472E-10				14.655	2.931	8.296E-11	143.519	28.704	7.791E-08
933	167.639	33.528	1.242E-07	9.342	1.868	2.149E-11	31.660	6.332	8.364E-10	156.282	31.256	1.006E-07				104.656	20.931	3.021E-08	-53.277	0.000	0.000E+00
934	161.889	32.378	1.118E-07	20.182	4.036	2.167E-10	48.062	9.612	2.926E-09	39.213	7.843	1.589E-09				50.172	10.034	3.329E-09	137.765	27.553	6.891E-08
935	36.340	7.268	1.265E-09	14.067	2.813	7.337E-11	248.705	49.741	4.055E-07	8.670	1.734	1.718E-11				103.909	20.782	2.957E-08	121.036	24.207	4.673E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
936	137.562	27.512	6.861E-08	17.334	3.467	1.373E-10	95.545	19.109	2.299E-08	131.287	26.257	5.964E-08				151.197	30.239	9.110E-08	80.102	16.020	1.355E-08
937	-112.778	0.000	0.000E+00	43.950	8.790	2.238E-09	131.191	26.238	5.951E-08	21.662	4.332	2.679E-10				95.283	19.057	2.280E-08	141.745	28.349	7.506E-08
938	151.253	30.251	9.120E-08	25.920	5.184	4.590E-10	18.552	3.710	1.683E-10	45.498	9.100	2.482E-09				144.681	28.936	7.982E-08	150.128	30.026	8.918E-08
939	122.698	24.540	4.869E-08	16.513	3.303	1.187E-10	16.655	3.331	1.218E-10	33.544	6.709	9.948E-10				-123.120	0.000	0.000E+00	46.404	9.281	2.634E-09
940	133.430	26.686	6.261E-08	31.740	6.348	8.427E-10	44.317	8.863	2.294E-09	91.093	18.219	1.992E-08				-25.318	0.000	0.000E+00	17.699	3.540	1.461E-10
941	135.093	27.019	6.498E-08	40.649	8.130	1.770E-09	90.356	18.071	1.944E-08	35.224	7.045	1.152E-09				146.505	29.301	8.288E-08	16.469	3.294	1.177E-10
942	24.104	4.821	3.691E-10	45.222	9.044	2.437E-09	17.429	3.486	1.395E-10	48.091	9.618	2.932E-09				11.482	2.296	3.990E-11	14.643	2.929	8.275E-11
943	90.563	18.113	1.958E-08	41.563	8.313	1.892E-09	134.880	26.976	6.468E-08	18.600	3.720	1.696E-10				19.999	4.000	2.108E-10	125.676	25.135	5.232E-08
944	110.249	22.050	3.532E-08	67.649	13.530	8.160E-09	15.301	3.060	9.441E-11	7.750	1.550	1.227E-11				148.232	29.646	8.584E-08	78.900	15.780	1.295E-08
945	137.657	27.531	6.875E-08	15.476	3.095	9.770E-11	89.939	17.988	1.918E-08	99.200	19.840	2.573E-08				-99.463	0.000	0.000E+00	14.850	2.970	8.630E-11
946	84.507	16.901	1.591E-08	18.677	3.735	1.717E-10	-96.701	0.000	0.000E+00	128.866	25.773	5.640E-08				31.450	6.290	8.199E-10	12.378	2.476	4.998E-11
947	46.563	9.313	2.661E-09	10.610	2.122	3.148E-11	12.820	2.564	5.553E-11	89.112	17.822	1.865E-08				85.163	17.033	1.628E-08	43.862	8.772	2.224E-09
948	140.170	28.034	7.259E-08	144.619	28.924	7.972E-08	168.453	33.691	1.260E-07	9.801	1.960	2.482E-11				99.804	19.961	2.620E-08	81.428	16.286	1.423E-08
949	37.121	7.424	1.348E-09	23.245	4.649	3.310E-10	75.841	15.168	1.150E-08	129.814	25.963	5.766E-08				93.227	18.645	2.136E-08	40.809	8.162	1.791E-09
950	141.580	28.316	7.480E-08	42.586	8.517	2.036E-09	89.103	17.821	1.865E-08	18.136	3.627	1.572E-10				127.393	25.479	5.449E-08	16.936	3.387	1.280E-10
951	123.206	24.641	4.929E-08	40.011	8.002	1.688E-09	125.714	25.143	5.236E-08	10.712	2.142	3.239E-11				19.664	3.933	2.004E-10	135.927	27.185	6.619E-08
952	51.971	10.394	3.700E-09	22.376	4.475	2.953E-10	8.753	1.751	1.768E-11	101.498	20.300	2.756E-08				48.199	9.640	2.951E-09	23.738	4.748	3.526E-10
953	13.058	2.612	5.868E-11	56.665	11.333	4.795E-09	39.941	7.988	1.679E-09	39.044	7.809	1.569E-09				115.258	23.052	4.036E-08	57.923	11.585	5.122E-09
954	17.241	3.448	1.351E-10	37.688	7.538	1.411E-09	85.006	17.001	1.619E-08	136.869	27.374	6.758E-08				113.057	22.611	3.809E-08	136.775	27.355	6.744E-08
955	12.815	2.563	5.547E-11	23.939	4.788	3.616E-10	92.106	18.421	2.059E-08	141.104	28.221	7.405E-08				124.353	24.871	5.068E-08	118.942	23.788	4.435E-08
956	10.788	2.158	3.309E-11	25.999	5.200	4.632E-10	49.055	9.811	3.111E-09	114.789	22.958	3.986E-08				126.996	25.399	5.398E-08	12.760	2.552	5.475E-11
957	32.246	6.449	8.838E-10	38.172	7.634	1.466E-09	129.516	25.903	5.726E-08	91.228	18.246	2.001E-08				106.380	21.276	3.173E-08	141.060	28.212	7.398E-08
958	31.018	6.204	7.866E-10	93.778	18.756	2.174E-08	42.059	8.412	1.961E-09	133.159	26.632	6.223E-08				146.353	29.271	8.262E-08	15.841	3.168	1.048E-10
959	152.379	30.476	9.325E-08	52.224	10.445	3.754E-09	151.220	30.244	9.114E-08	40.740	8.148	1.782E-09				109.067	21.813	3.420E-08	55.354	11.071	4.470E-09
960	16.262	3.252	1.134E-10	16.203	3.241	1.121E-10	149.285	29.857	8.769E-08	18.565	3.713	1.687E-10				13.081	2.616	5.899E-11	26.380	5.276	4.839E-10
961	104.674	20.935	3.023E-08	41.789	8.358	1.923E-09	233.770	46.754	3.367E-07	35.846	7.169	1.214E-09				44.664	8.933	2.348E-09	104.239	20.848	2.985E-08
962	114.325	22.865	3.938E-08	84.814	16.963	1.608E-08	78.234	15.647	1.262E-08	153.288	30.658	9.493E-08				37.782	7.556	1.422E-09	138.528	27.706	7.006E-08
963	140.684	28.137	7.339E-08	151.745	30.349	9.209E-08	107.082	21.416	3.236E-08	142.080	28.416	7.559E-08				143.606	28.721	7.806E-08	140.060	28.012	7.242E-08
964	154.271	30.854	9.677E-08	8.559	1.712	1.653E-11	-118.031	0.000	0.000E+00	49.089	9.818	3.118E-09				142.684	28.537	7.656E-08	24.045	4.809	3.664E-10
965	135.385	27.077	6.540E-08	35.079	7.016	1.138E-09	126.802	25.360	5.374E-08	33.163	6.633	9.613E-10				156.504	31.301	1.010E-07	18.273	3.655	1.608E-10
966	148.686	29.737	8.664E-08	18.001	3.600	1.537E-10	55.863	11.173	4.595E-09	44.347	8.869	2.299E-09				17.485	3.497	1.409E-10	18.121	3.624	1.568E-10
967	20.545	4.109	2.286E-10	52.606	10.521	3.837E-09	99.805	19.961	2.620E-08	136.701	27.340	6.733E-08				26.337	5.267	4.815E-10	31.682	6.336	8.381E-10
968	28.912	5.782	6.370E-10	22.491	4.498	2.999E-10	79.743	15.949	1.336E-08	52.087	10.417	3.725E-09				53.165	10.633	3.961E-09	134.320	26.864	6.387E-08
969	130.498	26.100	5.857E-08	41.461	8.292	1.878E-09	139.011	27.802	7.080E-08	97.919	19.584	2.475E-08				47.351	9.470	2.798E-09	141.506	28.301	7.468E-08
970	31.258	6.252	8.050E-10	26.405	5.281	4.852E-10	49.167	9.833	3.133E-09	163.199	32.640	1.146E-07				49.871	9.974	3.269E-09	82.199	16.440	1.464E-08
971	52.237	10.447	3.757E-09	40.057	8.011	1.694E-09	97.377	19.475	2.434E-08	118.463	23.693	4.382E-08				12.076	2.415	4.642E-11	120.182	24.036	4.575E-08
972	137.752	27.550	6.889E-08	48.335	9.667	2.976E-09	110.979	22.196	3.603E-08	118.965	23.793	4.438E-08				81.762	16.352	1.441E-08	149.760	29.952	8.853E-08
973	14.657	2.931	8.298E-11	15.872	3.174	1.054E-10	61.030	12.206	5.991E-09	33.927	6.785	1.029E-09				97.219	19.444	2.422E-08	16.397	3.279	1.162E-10
974	142.471	28.494	7.622E-08	144.726	28.945	7.990E-08	11.622	2.324	4.138E-11	47.571	9.514	2.837E-09				63.912	12.782	6.881E-09	50.705	10.141	3.436E-09
975	17.515	3.503	1.416E-10	17.915	3.583	1.516E-10	234.264	46.853	3.388E-07	143.422	28.684	7.776E-08				116.604	23.321	4.179E-08	47.876	9.575	2.892E-09
976	140.240	28.048	7.270E-08	151.559	30.312	9.176E-08	57.157	11.431	4.921E-09	11.524	2.305	4.033E-11				40.461	8.092	1.746E-09	45.695	9.139	2.515E-09
977	130.247	26.049	5.824E-08	103.927	20.785	2.958E-08	84.691	16.938	1.601E-08	42.131	8.426	1.971E-09				15.164	3.033	9.191E-11	132.052	26.410	6.069E-08
978	19.919	3.984	2.083E-10	30.418	6.084	7.418E-10	18.212	3.642	1.592E-10	138.163	27.633	6.951E-08				14.362	2.872	7.808E-11	48.161	9.632	2.944E-09
979	18.518	3.704	1.674E-10	78.900	15.780	1.295E-08	105.457	21.091	3.091E-08	98.275	19.655	2.502E-08				37.614	7.523	1.403E-09	16.728	3.346	1.234E-10
980	133.577	26.715	6.282E-08	139.682	27.936	7.183E-08	27.023	5.405	5.201E-10	27.195	5.439	5.301E-10				139.934	27.987	7.222E-08	115.510	23.102	4.062E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
981	101.887	20.377	2.788E-08	-86.781	0.000	0.000E+00	92.821	18.564	2.108E-08	29.063	5.813	6.470E-10				94.571	18.914	2.229E-08	50.267	10.053	3.348E-09
982	68.953	13.791	8.641E-09	136.379	27.276	6.685E-08	77.533	15.507	1.228E-08	102.672	20.534	2.853E-08				17.807	3.561	1.488E-10	112.026	22.405	3.705E-08
983	17.451	3.490	1.401E-10	135.055	27.011	6.493E-08	74.266	14.853	1.080E-08	144.700	28.940	7.985E-08				130.262	26.052	5.826E-08	29.368	5.874	6.676E-10
984	140.605	28.121	7.326E-08	138.574	27.715	7.013E-08	92.263	18.453	2.070E-08	14.472	2.894	7.989E-11				136.688	27.338	6.731E-08	13.416	2.683	6.365E-11
985	-142.887	0.000	0.000E+00	121.400	24.280	4.716E-08	49.580	9.916	3.212E-09	40.746	8.149	1.783E-09				127.727	25.545	5.492E-08	102.702	20.540	2.855E-08
986	143.352	28.670	7.764E-08	101.036	20.207	2.718E-08	77.061	15.412	1.206E-08	70.251	14.050	9.138E-09				10.931	2.186	3.443E-11	96.240	19.248	2.349E-08
987	144.638	28.928	7.975E-08	-138.764	0.000	0.000E+00	93.696	18.739	2.168E-08	121.498	24.300	4.727E-08				16.006	3.201	1.081E-10	45.302	9.060	2.450E-09
988	18.204	3.641	1.590E-10	14.789	2.958	8.525E-11	142.654	28.531	7.651E-08	135.758	27.152	6.595E-08				21.544	4.309	2.635E-10	33.933	6.787	1.030E-09
989	140.899	28.180	7.372E-08	140.781	28.156	7.354E-08	111.439	22.288	3.648E-08	48.899	9.780	3.082E-09				132.267	26.453	6.099E-08	48.335	9.667	2.976E-09
990	150.262	30.052	8.942E-08	65.173	13.035	7.296E-09	143.886	28.777	7.851E-08	62.143	12.429	6.325E-09				124.878	24.976	5.133E-08	7.819	1.564	1.260E-11
991	93.709	18.742	2.169E-08	136.601	27.320	6.718E-08	83.478	16.696	1.533E-08	60.468	12.094	5.827E-09				27.468	5.494	5.462E-10	64.162	12.832	6.962E-09
992	143.994	28.799	7.869E-08	137.564	27.513	6.861E-08	-49.521	0.000	0.000E+00	77.532	15.506	1.228E-08				87.498	17.500	1.766E-08	6.316	1.263	6.639E-12
993	126.322	25.264	5.313E-08	42.038	8.408	1.958E-09	141.148	28.230	7.412E-08	140.008	28.002	7.234E-08				127.526	25.505	5.466E-08	38.721	7.744	1.530E-09
994	141.965	28.393	7.541E-08	10.303	2.061	2.882E-11	12.057	2.411	4.620E-11	111.608	22.322	3.664E-08				-39.726	0.000	0.000E+00	81.282	16.256	1.415E-08
995	43.534	8.707	2.175E-09	47.842	9.568	2.886E-09	33.412	6.682	9.831E-10	16.105	3.221	1.101E-10				81.665	16.333	1.435E-08	6.757	1.351	8.131E-12
996	60.271	12.054	5.770E-09	84.736	16.947	1.604E-08	36.771	7.354	1.310E-09	46.500	9.300	2.650E-09				16.662	3.332	1.219E-10	20.322	4.064	2.212E-10
997	141.933	28.387	7.536E-08	141.710	28.342	7.500E-08	129.268	25.854	5.693E-08	43.661	8.732	2.194E-09				15.953	3.191	1.070E-10	127.088	25.418	5.410E-08
998	32.991	6.598	9.464E-10	46.995	9.399	2.736E-09	156.403	31.281	1.008E-07	31.047	6.209	7.888E-10				146.162	29.232	8.230E-08	24.515	4.903	3.883E-10
999	150.001	30.000	8.896E-08	52.598	10.520	3.835E-09	137.296	27.459	6.821E-08	49.817	9.963	3.259E-09				139.609	27.922	7.172E-08	129.007	25.801	5.659E-08
1000	132.929	26.586	6.191E-08	16.591	3.318	1.204E-10	74.970	14.994	1.111E-08	133.623	26.725	6.288E-08				9.260	1.852	2.092E-11	143.615	28.723	7.807E-08
1001	20.543	4.109	2.285E-10	17.194	3.439	1.340E-10	114.192	22.838	3.925E-08	139.292	27.858	7.123E-08				41.900	8.380	1.939E-09	136.014	27.203	6.632E-08
1002	134.081	26.816	6.353E-08	45.965	9.193	2.560E-09	74.971	14.994	1.111E-08	48.909	9.782	3.084E-09				147.673	29.535	8.488E-08	128.245	25.649	5.559E-08
1003	9.880	1.976	2.542E-11	101.054	20.211	2.720E-08	129.874	25.975	5.774E-08	132.967	26.593	6.196E-08				21.450	4.290	2.601E-10	32.956	6.591	9.434E-10
1004	143.427	28.685	7.776E-08	39.360	7.872	1.607E-09	88.189	17.638	1.808E-08	33.978	6.796	1.034E-09				39.176	7.835	1.585E-09	129.067	25.813	5.667E-08
1005	119.347	23.869	4.480E-08	161.508	32.302	1.110E-07	46.856	9.371	2.711E-09	120.915	24.183	4.659E-08				114.269	22.854	3.933E-08	143.339	28.668	7.762E-08
1006	40.834	8.167	1.795E-09	129.258	25.852	5.692E-08	-21.537	0.000	0.000E+00	46.123	9.225	2.586E-09				52.582	10.516	3.832E-09	39.794	7.959	1.661E-09
1007	127.890	25.578	5.513E-08	32.482	6.496	9.033E-10	22.695	4.539	3.081E-10	37.150	7.430	1.351E-09				16.652	3.330	1.217E-10	138.188	27.638	6.955E-08
1008	38.335	7.667	1.485E-09	124.174	24.835	5.046E-08	62.507	12.501	6.437E-09	6.568	1.314	7.467E-12				15.388	3.078	9.604E-11	147.196	29.439	8.406E-08
1009	78.400	15.680	1.270E-08	33.417	6.683	9.836E-10	6.301	1.260	6.594E-12	148.604	29.721	8.649E-08				21.553	4.311	2.639E-10	124.689	24.938	5.109E-08
1010	137.951	27.590	6.919E-08	92.424	18.485	2.081E-08	-104.706	0.000	0.000E+00	27.160	5.432	5.281E-10				90.917	18.183	1.981E-08	142.748	28.550	7.667E-08
1011	146.527	29.305	8.292E-08	199.811	39.962	2.103E-07	136.382	27.276	6.686E-08	21.499	4.300	2.619E-10				28.064	5.613	5.825E-10	36.929	7.386	1.327E-09
1012	44.711	8.942	2.356E-09	146.104	29.221	8.220E-08	28.180	5.636	5.898E-10	14.756	2.951	8.469E-11				225.451	45.090	3.020E-07	105.764	21.153	3.118E-08
1013	136.252	27.250	6.667E-08	137.591	27.518	6.865E-08	30.161	6.032	7.231E-10	117.222	23.444	4.245E-08				148.946	29.789	8.709E-08	134.353	26.871	6.392E-08
1014	127.070	25.414	5.408E-08	125.961	25.192	5.267E-08	45.131	9.026	2.423E-09	40.930	8.186	1.807E-09				12.017	2.403	4.574E-11	30.938	6.188	7.805E-10
1015	26.191	5.238	4.735E-10	-172.406	0.000	0.000E+00	45.157	9.031	2.427E-09	109.984	21.997	3.507E-08				14.181	2.836	7.516E-11	143.759	28.752	7.831E-08
1016	134.422	26.884	6.402E-08	21.063	4.213	2.463E-10	18.599	3.720	1.696E-10	102.736	20.547	2.858E-08				127.126	25.425	5.415E-08	32.543	6.509	9.083E-10
1017	11.285	2.257	3.788E-11	149.560	29.912	8.817E-08	14.616	2.923	8.229E-11	38.227	7.645	1.472E-09				9.477	1.895	2.244E-11	71.470	14.294	9.622E-09
1018	32.632	6.526	9.159E-10	110.196	22.039	3.527E-08	13.855	2.771	7.009E-11	74.247	14.849	1.079E-08				125.608	25.122	5.223E-08	136.315	27.263	6.676E-08
1019	33.023	6.605	9.492E-10	143.838	28.768	7.844E-08	55.607	11.121	4.532E-09	43.008	8.602	2.097E-09				26.557	5.311	4.937E-10	39.906	7.981	1.675E-09
1020	21.195	4.239	2.510E-10	87.107	17.421	1.742E-08	146.836	29.367	8.344E-08	20.920	4.184	2.413E-10				144.112	28.822	7.888E-08	13.503	2.701	6.489E-11
1021	113.586	22.717	3.862E-08	135.567	27.113	6.567E-08	22.094	4.419	2.842E-10	40.224	8.045	1.715E-09				40.522	8.104	1.754E-09	130.765	26.153	5.893E-08
1022	19.410	3.882	1.927E-10	106.958	21.392	3.225E-08	-98.758	0.000	0.000E+00	19.061	3.812	1.825E-10				129.287	25.857	5.696E-08	18.364	3.673	1.632E-10
1023	33.182	6.636	9.629E-10	79.787	15.957	1.339E-08	42.144	8.429	1.973E-09	126.639	25.328	5.353E-08				13.023	2.605	5.822E-11	136.716	27.343	6.735E-08
1024	28.633	5.727	6.187E-10	111.847	22.369	3.688E-08	22.752	4.550	3.104E-10	-56.464	0.000	0.000E+00				89.809	17.962	1.909E-08	19.502	3.900	1.955E-10
1025	41.583	8.317	1.895E-09	48.887	9.777	3.079E-09	43.108	8.622	2.111E-09	50.720	10.144	3.439E-09				56.865	11.373	4.846E-09	14.071	2.814	7.342E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-02																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG02	200000	11.4822	SG02			SG02			SG02			SG02			SG02			SG02		
1026	60.708	12.142	5.897E-09	21.230	4.246	2.522E-10	137.089	27.418	6.790E-08	20.993	4.199	2.438E-10				147.739	29.548	8.499E-08	30.700	6.140	7.626E-10
1027	146.538	29.308	8.294E-08	138.243	27.649	6.963E-08	109.019	21.804	3.415E-08	12.161	2.432	4.741E-11				-32.118	0.000	0.000E+00	17.309	3.462	1.367E-10
1028	143.208	28.642	7.741E-08	14.140	2.828	7.451E-11	117.107	23.421	4.233E-08	15.791	3.158	1.038E-10				98.465	19.693	2.516E-08	147.355	29.471	8.433E-08
1029	134.350	26.870	6.392E-08	23.144	4.629	3.268E-10	114.295	22.859	3.935E-08	115.453	23.091	4.056E-08				28.742	5.748	6.258E-10	144.262	28.852	7.913E-08
1030	12.079	2.416	4.645E-11	147.779	29.556	8.506E-08	19.592	3.918	1.982E-10	47.744	9.549	2.868E-09				146.738	29.348	8.328E-08	43.770	8.754	2.210E-09
1031	17.884	3.577	1.508E-10	13.077	2.615	5.894E-11	124.863	24.973	5.131E-08	132.945	26.589	6.193E-08							112.287	22.457	3.731E-08
1032	84.199	16.840	1.573E-08	133.551	26.710	6.278E-08	44.294	8.859	2.290E-09	147.184	29.437	8.404E-08									
1033	37.165	7.433	1.353E-09	139.188	27.838	7.107E-08	136.972	27.394	6.773E-08	37.118	7.424	1.348E-09									
1034	26.182	5.236	4.730E-10	155.124	31.025	9.839E-08	40.977	8.195	1.813E-09	89.700	17.940	1.902E-08									
1035	32.511	6.502	9.057E-10	97.926	19.585	2.475E-08	21.309	4.262	2.550E-10	146.933	29.387	8.361E-08									
1036	75.364	15.073	1.128E-08	116.282	23.256	4.144E-08	11.520	2.304	4.029E-11	6.147	1.229	6.121E-12									
1037	34.854	6.971	1.116E-09	69.168	13.834	8.722E-09	139.185	27.837	7.107E-08	142.332	28.466	7.600E-08									
1038	116.104	23.221	4.125E-08	81.581	16.316	1.431E-08	-90.109	0.000	0.000E+00	16.643	3.329	1.215E-10									
1039	81.543	16.309	1.429E-08	149.663	29.933	8.836E-08	99.107	19.821	2.566E-08												
1040	47.623	9.525	2.847E-09	108.573	21.715	3.373E-08	67.825	13.565	8.223E-09												
1041	21.664	4.333	2.680E-10	101.166	20.233	2.729E-08	40.173	8.035	1.709E-09												
1042	14.148	2.830	7.464E-11	139.485	27.897	7.153E-08	87.754	17.551	1.781E-08												
1043	69.002	13.800	8.659E-09	100.922	20.184	2.709E-08	47.641	9.528	2.850E-09												
1044	43.655	8.731	2.193E-09	149.694	29.939	8.841E-08	28.433	5.687	6.059E-10												
1045	13.417	2.683	6.366E-11	12.443	2.489	5.077E-11	17.072	3.414	1.311E-10												
1046	37.408	7.482	1.380E-09	34.508	6.902	1.083E-09	34.776	6.955	1.108E-09												
1047	150.186	30.037	8.928E-08	138.224	27.645	6.961E-08	49.756	9.951	3.247E-09												
1048	143.663	28.733	7.815E-08	34.567	6.913	1.089E-09	137.994	27.599	6.926E-08												
1049	103.295	20.659	2.905E-08	52.884	10.577	3.898E-09	33.142	6.628	9.595E-10												
1050	91.028	18.206	1.988E-08	140.437	28.087	7.300E-08	43.380	8.676	2.152E-09												
1051	9.482	1.896	2.247E-11	13.100	2.620	5.925E-11	71.520	14.304	9.642E-09												
1052				104.518	20.904	3.009E-08	100.260	20.052	2.656E-08												
1053				19.348	3.870	1.909E-10	16.275	3.255	1.136E-10												
1054				22.388	4.478	2.957E-10	71.009	14.202	9.437E-09												
1055				139.072	27.814	7.089E-08	37.968	7.594	1.443E-09												
1056				127.394	25.479	5.449E-08	148.318	29.664	8.599E-08												
1057				198.248	39.650	2.054E-07	30.982	6.196	7.838E-10												
1058				73.351	14.670	1.040E-08	33.806	6.761	1.018E-09												
1059				122.319	24.464	4.824E-08	26.461	5.292	4.883E-10												
1060				16.013	3.203	1.082E-10	45.870	9.174	2.544E-09												
1061				16.337	3.267	1.149E-10	-52.519	0.000	0.000E+00												
1062				125.264	25.053	5.180E-08	46.054	9.211	2.574E-09												
1063				128.372	25.674	5.576E-08	31.857	6.371	8.521E-10												
1064				121.690	24.338	4.750E-08	142.587	28.517	7.641E-08												
1065				17.032	3.406	1.302E-10	8.377	1.675	1.549E-11												
1066				70.824	14.165	9.363E-09	8.165	1.633	1.435E-11												
1067				31.502	6.300	8.239E-10	120.238	24.048	4.582E-08												
1068				18.993	3.799	1.806E-10	25.669	5.134	4.458E-10												
1069				46.398	9.280	2.633E-09	18.837	3.767	1.762E-10												
1070				80.923	16.185	1.397E-08															

[illegible]

Daily Maximum Stress and Cumulative Damage

	Day 1		Day 2		Day 3		Summary		Day 5		Day 6		Day 7				
	Eqv.Stress	Damage	Eqv.Stress	Damage	Eqv.Stress	Damage	Eqv.Stress	Damage	Eqv.Stress	Damage	Eqv.Stress	Damage	Eqv.Stress	Damage			
	(MPa)		(MPa)		(MPa)		(MPa)		(MPa)		(MPa)		(MPa)				
Max.	34.644	1.370E-07	Max.	34.762	1.384E-07	Max.	33.543	1.243E-07	Max.	37.483	1.735E-07	Max.	35.088	1.423E-07	Max.	38.081	1.819E-07
Cum.	-	4.579E-06	Cum.	-	3.914E-06	Cum.	-	4.225E-06	Cum.	-	5.284E-06	Cum.	-	4.474E-06	Cum.	-	4.200E-06

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
1	97.984	19.597	2.479E-08	17.441	3.488	1.398E-10	99.003	19.801	2.558E-08	37.240	7.448	1.361E-09	97.974	19.595	2.479E-08	22.438	4.488	2.977E-10	30.683	6.137	7.614E-10
2	26.840	5.368	5.096E-10	16.167	3.233	1.114E-10	44.220	8.844	2.279E-09	90.850	18.170	1.976E-08	67.826	13.565	8.224E-09	35.940	7.188	1.224E-09	23.570	4.714	3.451E-10
3	17.834	3.567	1.495E-10	24.821	4.964	4.030E-10	90.050	18.010	1.925E-08	79.902	15.980	1.345E-08	117.691	23.538	4.297E-08	20.573	4.115	2.295E-10	68.104	13.621	8.325E-09
4	155.977	31.195	1.000E-07	79.742	15.948	1.336E-08	91.500	18.300	2.019E-08	99.047	19.809	2.561E-08	32.127	6.425	8.740E-10	31.711	6.342	8.405E-10	93.009	18.602	2.121E-08
5	80.144	16.029	1.357E-08	80.358	16.072	1.368E-08	92.979	18.596	2.119E-08	10.872	2.174	3.387E-11	55.000	11.000	4.385E-09	96.123	19.225	2.341E-08	24.155	4.831	3.715E-10
6	16.108	3.222	1.102E-10	75.368	15.074	1.128E-08	76.300	15.260	1.171E-08	82.963	16.593	1.505E-08	37.338	7.468	1.372E-09	10.145	2.029	2.752E-11	25.953	5.951	4.608E-10
7	51.237	10.247	3.545E-09	17.353	3.471	1.377E-10	71.756	14.351	9.738E-09	27.047	5.409	5.215E-10	35.978	7.196	1.227E-09	94.635	18.927	2.234E-08	84.927	16.985	1.614E-08
8	59.599	11.920	5.580E-09	95.663	19.133	2.307E-08	17.713	3.543	1.465E-10	87.501	17.500	1.766E-08	73.572	14.714	1.050E-08	22.246	4.449	2.902E-10	10.928	2.186	3.440E-11
9	35.778	7.156	1.207E-09	95.422	19.084	2.290E-08	93.357	18.671	2.144E-08	29.493	5.899	6.761E-10	56.282	11.256	4.699E-09	22.782	4.556	3.116E-10	105.937	21.187	3.134E-08
10	81.816	16.363	1.443E-08	86.930	17.386	1.731E-08	10.112	2.022	2.726E-11	23.545	4.709	3.440E-10	65.976	13.195	7.569E-09	20.484	4.097	2.265E-10	94.131	18.826	2.198E-08
11	82.210	16.442	1.464E-08	26.791	5.358	5.068E-10	64.622	12.924	7.113E-09	85.244	17.049	1.633E-08	75.904	15.181	1.153E-08	33.692	6.738	1.008E-09	20.194	4.039	2.171E-10
12	91.223	18.245	2.001E-08	54.163	10.833	4.188E-09	32.803	6.561	9.304E-10	95.800	19.160	2.317E-08	73.988	14.798	1.068E-08	95.553	19.111	2.299E-08	23.801	4.760	3.554E-10
13	58.217	11.643	5.201E-09	78.051	15.610	1.253E-08	93.309	18.662	2.141E-08	95.961	19.192	2.329E-08	57.675	11.535	5.056E-09	30.505	6.101	7.482E-10	23.913	4.783	3.604E-10
14	23.484	4.697	3.413E-10	28.982	5.796	6.416E-10	72.070	14.414	9.866E-09	29.061	5.812	6.469E-10	14.132	2.826	7.438E-11	93.278	18.656	2.139E-08	22.551	4.510	3.023E-10
15	96.700	19.340	2.383E-08	22.630	4.526	3.054E-10	93.236	18.647	2.136E-08	92.732	18.546	2.102E-08	111.639	22.328	3.667E-08	98.499	19.700	2.519E-08	54.439	10.888	4.252E-09
16	33.213	6.643	9.657E-10	22.628	4.526	3.054E-10	27.024	5.405	5.202E-10	53.336	10.667	3.999E-09	52.382	10.476	3.788E-09	91.110	18.222	1.993E-08	22.065	4.413	2.831E-10
17	32.349	6.470	8.923E-10	18.067	3.613	1.554E-10	57.131	11.426	4.915E-09	93.367	18.673	2.145E-08	20.953	4.191	2.425E-10	22.645	4.529	3.061E-10	33.607	6.721	1.000E-09
18	20.032	4.006	2.119E-10	65.730	13.146	7.485E-09	95.126	19.025	2.269E-08	30.312	6.062	7.340E-10	22.382	4.476	2.955E-10	36.416	7.283	1.273E-09	96.058	19.212	2.336E-08
19	170.094	34.019	1.297E-07	28.175	5.635	5.895E-10	21.378	4.276	2.575E-10	32.740	6.548	9.250E-10	22.197	4.439	2.882E-10	61.841	12.368	6.233E-09	86.557	17.311	1.709E-08
20	110.958	22.192	3.601E-08	10.505	2.101	3.055E-11	18.819	3.764	1.757E-10	102.213	20.443	2.815E-08	99.288	19.858	2.580E-08	98.293	19.659	2.503E-08	58.502	11.760	5.359E-09
21	69.207	13.841	8.737E-09	74.922	14.984	1.108E-08	29.275	5.855	6.613E-10	102.694	20.539	2.854E-08	85.158	17.032	1.628E-08	10.732	2.146	3.258E-11	-74.228	0.000	0.000E+00
22	66.403	13.281	7.717E-09	57.883	11.577	5.111E-09	56.907	11.381	4.857E-09	32.052	6.410	8.678E-10	84.632	16.926	1.598E-08	84.621	16.924	1.597E-08	52.883	10.577	3.898E-09
23	56.045	11.209	4.640E-09	84.645	16.929	1.598E-08	58.227	11.645	5.203E-09	23.750	4.750	3.531E-10	56.190	11.238	4.676E-09	21.850	4.370	2.749E-10	85.768	17.154	1.663E-08
24	93.472	18.694	2.152E-08	58.972	11.794	5.405E-09	97.856	19.571	2.470E-08	54.864	10.973	4.353E-09	79.921	15.984	1.345E-08	22.791	4.558	3.120E-10	22.196	4.439	2.882E-10
25	23.785	4.757	3.547E-10	22.085	4.417	2.839E-10	26.687	5.337	5.010E-10	22.065	4.413	2.831E-10	100.812	20.162	2.700E-08	96.228	19.246	2.349E-08	110.017	22.003	3.510E-08
26	109.984	21.997	3.507E-08	59.176	11.835	5.462E-09	59.212	11.842	5.472E-09	96.779	19.356	2.389E-08	97.401	19.480	2.435E-08	131.893	26.379	6.047E-08	49.004	9.801	3.102E-09
27	105.229	21.046	3.071E-08	-77.182	0.000	0.000E+00	51.984	10.397	3.702E-09	99.477	19.895	2.595E-08	66.986	13.397	7.922E-09	35.039	7.008	1.134E-09	28.334	5.667	5.995E-10
28	22.535	4.507	3.016E-10	22.854	4.571	3.146E-10	111.013	22.203	3.606E-08	41.190	8.238	1.842E-09	10.008	2.002	2.642E-11	62.090	12.418	6.309E-09	10.819	2.164	3.338E-11
29	27.692	5.538	5.597E-10	10.969	2.194	3.479E-11	23.054	4.611	3.229E-10	24.065	4.813	3.673E-10	18.786	3.757	1.748E-10	23.431	4.686	3.390E-10	92.763	18.553	2.104E-08
30	112.984	22.597	3.801E-08	20.924	4.185	2.414E-10	95.975	19.195	2.330E-08	18.633	3.727	1.705E-10	88.729	17.746	1.841E-08	58.177	11.635	5.190E-09	108.361	21.672	3.354E-08
31	20.509	4.102	2.274E-10	95.316	19.063	2.282E-08	52.433	10.487	3.799E-09	11.685	2.327	4.205E-11	28.799	5.760	6.295E-10	13.820	2.764	6.958E-11	28.816	5.763	6.307E-10
32	95.971	19.194	2.330E-08	98.108	19.622	2.489E-08	23.438	4.688	3.393E-10	66.299	13.260	7.681E-09	90.025	18.005	1.923E-08	61.483	12.297	6.126E-09	20.740	4.148	2.351E-10
33	89.334	17.867	1.879E-08	15.237	3.047	9.324E-11	57.378	11.476	4.979E-09	36.555	7.311	1.287E-09	15.294	3.059	9.430E-11	95.192	19.038	2.273E-08	24.031	4.806	3.658E-10
34	28.830	5.766	6.316E-10	20.670	4.134	2.328E-10	22.511	4.502	3.006E-10	89.799	17.960	1.909E-08	76.923	15.385	1.200E-08	64.641	12.928	7.119E-09	58.257	11.651	5.211E-09
35	21.925	4.385	2.778E-10	95.128	19.026	2.269E-08	86.406	17.281	1.700E-08	96.031	19.206	2.334E-08	90.723	18.145	1.968E-08	17.974	3.595	1.530E-10	22.750	4.550	3.103E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
36	89.720	17.944	1.903E-08	70.998	14.200	9.432E-09	22.602	4.520	3.043E-10	45.497	9.099	2.482E-09	22.101	4.420	2.845E-10	22.164	4.433	2.870E-10	23.780	4.756	3.544E-10
37	21.129	4.226	2.486E-10	173.808	34.762	1.384E-07	49.192	9.838	3.137E-09	94.134	18.827	2.199E-08	16.824	3.365	1.255E-10	93.919	18.784	2.184E-08	93.229	18.646	2.136E-08
38	15.144	3.029	9.155E-11	81.607	16.321	1.432E-08	20.405	4.081	2.239E-10	14.859	2.972	8.648E-11	33.815	6.763	1.019E-09	50.031	10.006	3.301E-09	60.925	12.185	5.960E-09
39	100.855	20.171	2.704E-08	72.708	14.542	1.013E-08	23.118	4.624	3.257E-10	70.320	14.064	9.165E-09	95.903	19.181	2.325E-08	75.384	15.077	1.129E-08	19.514	3.903	1.959E-10
40	77.553	15.511	1.229E-08	32.869	6.574	9.359E-10	94.943	18.989	2.256E-08	16.422	3.284	1.167E-10	31.912	6.382	8.565E-10	15.734	3.147	1.027E-10	82.648	16.530	1.488E-08
41	28.811	5.762	6.303E-10	72.227	14.445	9.931E-09	23.281	4.656	3.326E-10	17.912	3.582	1.515E-10	97.894	19.579	2.473E-08	17.310	3.462	1.367E-10	58.175	11.635	5.189E-09
42	94.469	18.894	2.222E-08	65.935	13.187	7.555E-09	71.414	14.283	9.599E-09	13.083	2.617	5.902E-11	97.026	19.405	2.407E-08	61.612	12.322	6.164E-09	22.455	4.491	2.984E-10
43	13.612	2.722	6.648E-11	96.900	19.380	2.398E-08	-68.054	0.000	0.000E+00	48.719	9.744	3.048E-09	21.223	4.245	2.520E-10	26.707	5.341	5.021E-10	96.622	19.324	2.377E-08
44	61.845	12.369	6.235E-09	65.838	13.168	7.522E-09	34.972	6.994	1.127E-09	64.293	12.859	7.005E-09	21.592	4.318	2.653E-10	57.518	11.504	5.015E-09	24.715	4.943	3.979E-10
45	83.136	16.627	1.514E-08	95.947	19.189	2.328E-08	70.957	14.191	9.416E-09	23.182	4.636	3.284E-10	34.337	6.867	1.067E-09	92.976	18.595	2.118E-08	17.377	3.475	1.383E-10
46	68.719	13.744	8.553E-09	10.906	2.181	3.419E-11	10.612	2.122	3.150E-11	37.544	7.509	1.395E-09	12.698	2.540	5.396E-11	173.751	34.750	1.383E-07	92.708	18.542	2.100E-08
47	64.770	12.954	7.162E-09	57.119	11.424	4.912E-09	100.309	20.062	2.660E-08	98.744	19.749	2.538E-08	69.698	13.940	8.924E-09	25.442	5.088	4.341E-10	57.602	11.520	5.037E-09
48	24.673	4.935	3.959E-10	97.495	19.499	2.443E-08	77.429	15.486	1.223E-08	55.385	11.077	4.478E-09	105.300	21.060	3.077E-08	93.227	18.645	2.136E-08	73.187	14.637	1.033E-08
49	15.244	3.049	9.337E-11	56.107	11.221	4.655E-09	70.970	14.194	9.421E-09	85.800	17.160	1.665E-08	23.484	4.697	3.413E-10	64.415	12.883	7.045E-09	90.255	18.051	1.938E-08
50	94.301	18.860	2.210E-08	10.938	2.188	3.449E-11	13.041	2.608	5.846E-11	21.365	4.273	2.570E-10	96.405	19.281	2.361E-08	98.016	19.603	2.482E-08	26.427	5.285	4.864E-10
51	32.395	6.479	8.960E-10	14.628	2.926	8.250E-11	77.375	15.475	1.221E-08	26.110	5.222	4.691E-10	75.564	15.113	1.137E-08	80.807	16.161	1.391E-08	21.761	4.352	2.716E-10
52	96.248	19.250	2.350E-08	21.977	4.395	2.798E-10	89.688	17.938	1.901E-08	17.060	3.412	1.309E-10	66.124	13.225	7.620E-09	93.534	18.707	2.157E-08	22.588	4.518	3.037E-10
53	29.391	5.878	6.691E-10	32.419	6.484	8.980E-10	92.312	18.462	2.073E-08	60.346	12.069	5.792E-09	26.582	5.316	4.950E-10	21.634	4.327	2.669E-10	18.858	3.772	1.767E-10
54	93.431	18.686	2.150E-08	41.662	8.332	1.906E-09	86.678	17.336	1.716E-08	72.598	14.520	1.008E-08	95.514	19.103	2.297E-08	58.165	11.633	5.187E-09	54.735	10.947	4.322E-09
55	34.027	6.805	1.038E-09	71.385	14.277	9.588E-09	18.179	3.636	1.583E-10	95.064	19.013	2.264E-08	63.209	12.642	6.656E-09	58.428	11.686	5.257E-09	95.223	19.045	2.276E-08
56	39.088	7.818	1.574E-09	16.049	3.210	1.090E-10	62.603	12.521	6.467E-09	23.146	4.629	3.268E-10	11.063	2.213	3.569E-11	26.971	5.394	5.171E-10	55.004	11.001	4.386E-09
57	62.907	12.581	6.561E-09	61.506	12.301	6.132E-09	33.472	6.694	9.884E-10	96.012	19.202	2.333E-08	33.835	6.767	1.021E-09	13.655	2.731	6.711E-11	97.094	19.419	2.413E-08
58	18.949	3.790	1.793E-10	14.884	2.977	8.690E-11	56.573	11.315	4.772E-09	19.764	3.953	2.035E-10	46.107	9.221	2.583E-09	56.585	11.317	4.775E-09	36.623	7.325	1.295E-09
59	21.059	4.212	2.462E-10	51.286	10.257	3.555E-09	58.274	11.655	2.516E-09	82.416	16.483	1.475E-08	92.693	18.539	2.099E-08	20.560	4.112	2.291E-10	54.179	10.836	4.192E-09
60	117.741	23.548	4.302E-08	38.600	7.720	1.516E-09	101.689	20.338	2.771E-08	66.143	13.229	7.627E-09	77.820	15.564	1.242E-08	38.007	7.601	1.447E-09	76.918	15.384	1.199E-08
61	23.534	4.707	3.435E-10	52.564	10.513	3.828E-09	21.770	4.354	2.719E-10	54.429	10.886	4.250E-09	17.365	3.473	1.380E-10	32.805	6.561	9.305E-10	23.078	4.616	3.240E-10
62	18.265	3.653	1.606E-10	75.473	15.095	1.133E-08	103.035	20.607	2.883E-08	96.053	19.211	2.336E-08	91.641	18.328	2.028E-08	12.574	2.515	5.240E-11	15.715	3.143	1.023E-10
63	22.525	4.505	3.012E-10	22.708	4.542	3.086E-10	55.094	11.019	4.408E-09	-152.383	0.000	0.000E+00	25.101	5.020	4.168E-10	57.484	11.497	5.007E-09	92.228	18.446	2.068E-08
64	75.999	15.200	1.157E-08	16.725	3.345	1.233E-10	96.706	19.341	2.384E-08	57.030	11.406	4.889E-09	12.044	2.409	4.605E-11	98.307	19.661	2.504E-08	12.560	2.512	5.222E-11
65	54.622	10.924	4.295E-09	18.350	3.670	1.629E-10	91.946	18.389	2.049E-08	66.565	13.313	7.774E-09	22.884	4.577	3.159E-10	101.361	20.272	2.745E-08	32.976	6.595	9.451E-10
66	60.620	12.124	5.871E-09	18.286	3.657	1.612E-10	54.672	10.934	4.307E-09	86.065	17.213	1.680E-08	84.935	16.987	1.615E-08	72.043	14.409	9.855E-09	31.962	6.392	8.606E-10
67	24.752	4.950	3.997E-10	-18.032	0.000	0.000E+00	20.535	4.107	2.282E-10	92.419	18.484	2.081E-08	28.717	5.743	6.242E-10	56.419	11.284	4.733E-09	16.840	3.368	1.259E-10
68	72.867	14.573	1.020E-08	49.067	9.813	3.114E-09	63.233	12.647	6.664E-09	37.313	7.463	1.369E-09	97.225	19.445	2.422E-08	100.219	20.044	2.653E-08	36.003	7.201	1.230E-09
69	24.297	4.859	3.781E-10	24.474	4.895	3.864E-10	16.869	3.374	1.265E-10	81.938	16.388	1.450E-08	45.793	9.159	2.531E-09	16.299	3.260	1.141E-10	-56.465	0.000	0.000E+00
70	53.735	10.747	4.089E-09	15.855	3.171	1.050E-10	104.146	20.829	2.977E-08	81.269	16.254	1.415E-08	35.567	7.113	1.186E-09	25.838	5.168	4.546E-10	25.565	5.113	4.404E-10
71	34.780	6.956	1.109E-09	116.235	23.247	4.139E-08	96.822	19.364	2.392E-08	60.168	12.034	5.741E-09	100.803	20.161	2.700E-08	21.634	4.327	2.669E-10	69.903	13.981	9.003E-09
72	26.809	5.362	5.078E-10	10.389	2.078	2.955E-11	137.687	27.537	6.880E-08	48.189	9.638	2.949E-09	27.650	5.530	5.572E-10	33.340	6.668	9.768E-10	22.289	4.458	2.919E-10
73	82.460	16.492	1.478E-08	77.793	15.559	1.241E-08	98.584	19.717	2.525E-08	20.498	4.100	2.270E-10	82.396	16.479	1.474E-08	21.968	4.394	2.794E-10	122.392	24.478	4.832E-08
74	32.922	6.584	9.405E-10	94.143	18.829	2.199E-08	94.101	18.820	2.196E-08	130.719	26.144	5.887E-08	38.990	7.798	1.562E-09	41.036	8.207	1.821E-09	104.072	20.814	2.971E-08
75	23.538	4.708	3.437E-10	55.194	11.039	4.432E-09	22.171	4.434	2.872E-10	62.307	12.461	6.375E-09	71.687	14.337	9.710E-09	23.121	4.624	3.258E-10	18.427	3.685	1.649E-10
76	59.906	11.981	5.666E-09	62.346	12.469	6.387E-09	81.884	16.377	1.447E-08	36.104	7.221	1.240E-09	33.516	6.703	9.923E-10	89.963	17.993	1.919E-08	22.190	4.438	2.880E-10
77	63.069	12.614	6.612E-09	67.273	13.455	8.025E-09	33.463	6.693	9.876E-10	58.302	11.660	5.223E-09	29.107	5.821	6.500E-10	43.458	8.692	2.163E-09	23.438	4.688	3.394E-10
78	67.934	13.587	8.263E-09	23.558	4.712	3.446E-10	16.262	3.252	1.133E-10	-137.970	0.000	0.000E+00	95.690	19.138	2.309E-08	21.420	4.284	2.590E-10	52.848	10.570	3.890E-09
79	96.889	19.378	2.397E-08	89.267	17.853	1.875E-08	22.148	4.430	2.864E-10	90.766	18.153	1.971E-08	56.148	11.230	4.666E-09	39.366	7.873	1.608E-09	76.892	15.378	1.198E-08
80	22.107	4.421	2.848E-10	104.032	20.806	2.968E-08	40.398	8.080</													

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
81	19.371	3.874	1.916E-10	103.901	20.780	2.956E-08	30.658	6.132	7.595E-10	57.735	11.547	5.072E-09	27.773	5.555	5.646E-10	90.422	18.084	1.949E-08	-17.155	0.000	0.000E+00
82	21.106	4.221	2.478E-10	101.466	20.293	2.753E-08	99.184	19.837	2.572E-08	105.474	21.095	3.093E-08	14.569	2.914	8.150E-11	97.524	19.505	2.445E-08	20.831	4.166	2.382E-10
83	21.870	4.374	2.757E-10	56.187	11.237	4.675E-09	95.226	19.045	2.276E-08	51.709	10.342	3.644E-09	20.954	4.191	2.425E-10	56.332	11.266	4.711E-09	-28.670	0.000	0.000E+00
84	13.908	2.782	7.091E-11	22.331	4.466	2.935E-10	14.198	2.840	7.544E-11	19.992	3.998	2.106E-10	40.235	8.047	1.717E-09	20.696	4.139	2.336E-10	77.084	15.417	1.207E-08
85	97.641	19.528	2.453E-08	69.360	13.872	8.795E-09	35.203	7.041	1.150E-09	92.059	18.412	2.056E-08	47.472	9.494	2.820E-09	21.906	4.381	2.771E-10	57.757	11.551	5.078E-09
86	17.341	3.468	1.374E-10	21.443	4.289	2.599E-10	19.914	3.983	2.082E-10	20.378	4.076	2.230E-10	23.039	4.608	3.223E-10	76.428	15.286	1.177E-08	26.920	5.384	5.142E-10
87	77.580	15.516	1.231E-08	24.138	4.828	3.707E-10	21.196	4.239	2.510E-10	12.931	2.586	5.699E-11	31.140	6.228	7.959E-10	10.461	2.092	3.017E-11	83.321	16.664	1.525E-08
88	71.404	14.281	9.595E-09	20.275	4.055	2.197E-10	97.034	19.407	2.408E-08	21.835	4.367	2.744E-10	71.938	14.388	9.812E-09	93.682	18.736	2.167E-08	25.261	5.052	4.248E-10
89	21.480	4.296	2.612E-10	102.101	20.420	2.805E-08	76.053	15.211	1.159E-08	167.603	33.521	1.241E-07	26.034	5.207	4.651E-10	27.212	5.442	5.311E-10	24.850	4.970	4.044E-10
90	97.585	19.517	2.449E-08	35.977	7.195	1.227E-09	65.661	13.132	7.461E-09	90.149	18.030	1.931E-08	55.391	11.078	4.479E-09	88.550	17.710	1.830E-08	62.905	12.581	6.561E-09
91	98.315	19.663	2.505E-08	98.222	19.644	2.498E-08	36.693	7.339	1.302E-09	93.685	18.737	2.167E-08	68.668	13.734	8.534E-09	28.273	5.655	5.957E-10	32.443	6.489	9.000E-10
92	93.938	18.788	2.185E-08	17.212	3.442	1.344E-10	22.307	4.461	2.926E-10	71.769	14.354	9.743E-09	15.328	3.066	9.492E-11	34.233	6.847	1.057E-09	90.837	18.167	1.976E-08
93	58.963	11.793	5.403E-09	95.639	19.128	2.306E-08	13.019	2.604	5.816E-11	56.738	11.348	4.814E-09	22.598	4.520	3.041E-10	97.844	19.569	2.469E-08	79.748	15.950	1.337E-08
94	35.735	7.147	1.203E-09	88.334	17.667	1.817E-08	78.630	15.726	1.281E-08	31.001	6.200	7.853E-10	22.347	4.469	2.942E-10	27.672	5.534	5.585E-10	46.397	9.279	2.632E-09
95	59.917	11.983	5.669E-09	92.874	18.575	2.111E-08	97.214	19.443	2.421E-08	21.602	4.320	2.657E-10	24.022	4.804	3.653E-10	92.303	18.461	2.073E-08	21.690	4.338	2.689E-10
96	42.729	8.546	2.056E-09	51.114	10.223	3.520E-09	73.449	14.690	1.044E-08	12.179	2.436	4.762E-11	31.480	6.296	8.222E-10	24.607	4.921	3.927E-10	163.870	32.774	1.160E-07
97	46.057	9.211	2.575E-09	35.959	7.192	1.225E-09	53.719	10.744	4.086E-09	56.417	11.283	4.733E-09	40.197	8.039	1.712E-09	22.055	4.411	2.828E-10	13.066	2.613	5.879E-11
98	37.458	7.492	1.385E-09	37.115	7.423	1.348E-09	71.656	14.331	9.697E-09	-66.290	0.000	0.000E+00	13.299	2.660	6.199E-11	58.277	11.655	5.217E-09	20.394	4.079	2.236E-10
99	57.728	11.546	5.070E-09	20.509	4.102	2.274E-10	56.670	11.334	4.797E-09	27.598	5.520	5.540E-10	41.450	8.290	1.877E-09	21.436	4.287	2.596E-10	102.398	20.480	2.830E-08
100	-29.829	0.000	0.000E+00	22.102	4.420	2.846E-10	18.721	3.744	1.729E-10	22.414	4.483	2.968E-10	28.542	5.708	6.128E-10	76.473	15.295	1.179E-08	99.309	19.862	2.581E-08
101	97.860	19.572	2.470E-08	102.225	20.445	2.816E-08	28.796	5.759	6.293E-10	22.146	4.429	2.863E-10	34.672	6.934	1.099E-09	61.595	12.319	6.159E-09	34.714	6.943	1.103E-09
102	40.151	8.030	1.706E-09	21.949	4.390	2.787E-10	38.820	7.764	1.542E-09	102.613	20.523	2.848E-08	44.978	8.996	2.398E-09	10.804	2.161	3.323E-11	67.069	13.414	7.952E-09
103	79.875	15.975	1.343E-08	98.083	19.617	2.487E-08	21.963	4.393	2.792E-10	22.603	4.521	3.043E-10	56.521	11.304	4.759E-09	18.293	3.659	1.613E-10	31.082	6.216	7.914E-10
104	22.802	4.560	3.125E-10	35.805	7.161	1.210E-09	97.410	19.482	2.436E-08	97.891	19.578	2.472E-08	28.551	5.710	6.134E-10	27.373	5.475	5.406E-10	22.418	4.484	2.969E-10
105	56.469	11.294	4.746E-09	21.586	4.317	2.651E-10	68.191	13.638	8.358E-09	95.216	19.043	2.275E-08	-21.644	0.000	0.000E+00	30.456	6.091	7.446E-10	22.580	4.516	3.034E-10
106	16.646	3.329	1.216E-10	73.883	14.777	1.063E-08	62.906	12.581	6.561E-09	28.772	5.754	6.278E-10	40.363	8.073	1.733E-09	94.817	18.963	2.247E-08	158.619	31.724	1.052E-07
107	63.014	12.603	6.595E-09	99.135	19.827	2.568E-08	11.905	2.381	4.447E-11	98.077	19.615	2.487E-08	30.439	6.088	7.434E-10	38.802	7.760	1.540E-09	67.548	13.510	8.123E-09
108	88.008	17.602	1.797E-08	20.649	4.130	2.320E-10	22.550	4.510	3.022E-10	85.797	17.159	1.665E-08	33.088	6.618	9.548E-10	31.867	6.373	8.529E-10	15.049	3.010	8.983E-11
109	57.452	11.490	4.998E-09	51.928	10.386	3.691E-09	29.279	5.856	6.615E-10	93.229	18.646	2.136E-08	11.714	2.343	4.237E-11	18.665	3.733	1.714E-10	24.653	4.931	3.949E-10
110	69.115	13.823	8.702E-09	22.800	4.560	3.124E-10	99.254	19.851	2.577E-08	35.151	7.030	1.145E-09	31.999	6.400	8.636E-10	71.602	14.320	9.675E-09	60.478	12.096	5.830E-09
111	30.794	6.159	7.696E-10	28.054	5.611	5.819E-10	54.289	10.858	4.217E-09	19.599	3.920	1.984E-10	96.451	19.290	2.365E-08	41.259	8.252	1.851E-09	105.038	21.008	3.054E-08
112	42.135	8.427	1.972E-09	13.942	2.788	7.143E-11	89.723	17.945	1.904E-08	37.809	7.562	1.425E-09	24.127	4.825	3.702E-10	36.617	7.323	1.294E-09	90.452	18.090	1.950E-08
113	32.889	6.578	9.377E-10	156.575	31.315	1.012E-07	59.911	11.982	5.668E-09	73.330	14.666	1.039E-08	19.944	3.989	2.091E-10	77.219	15.444	1.214E-08	65.829	13.166	7.519E-09
114	56.652	11.330	4.792E-09	35.320	7.064	1.161E-09	20.971	4.194	2.431E-10	20.310	4.062	2.08E-10	44.280	8.856	2.288E-09	31.929	6.386	8.579E-10	98.762	19.752	2.539E-08
115	21.168	4.234	2.500E-10	92.876	18.575	2.112E-08	22.205	4.441	2.885E-10	18.054	3.611	1.551E-10	30.486	6.097	7.468E-10	52.382	10.476	3.788E-09	15.073	3.015	9.027E-11
116	24.322	4.864	3.792E-10	94.097	18.819	2.196E-08	93.751	18.750	2.172E-08	28.236	5.647	5.933E-10	30.837	6.167	7.729E-10	32.055	6.411	8.681E-10	56.989	11.398	4.878E-09
117	21.745	4.349	2.710E-10	96.284	19.257	2.353E-08	42.129	8.426	1.971E-09	29.899	5.980	7.045E-10	32.342	6.468	8.917E-10	93.289	18.658	2.140E-08	47.944	9.589	2.905E-09
118	23.140	4.628	3.266E-10	67.595	13.519	8.140E-09	22.383	4.477	2.956E-10	15.739	3.148	1.028E-10	34.885	6.977	1.119E-09	102.111	20.422	2.806E-08	56.375	11.275	4.722E-09
119	96.057	19.211	2.336E-08	-57.275	0.000	0.000E+00	50.012	10.002	3.297E-09	29.097	5.819	6.493E-10	36.435	7.287	1.275E-09	91.901	18.380	2.046E-08	23.652	4.730	3.487E-10
120	77.764	15.553	1.239E-08	24.629	4.926	3.938E-10	58.321	11.664	5.228E-09	45.432	9.086	2.472E-09	30.206	6.041	7.264E-10	53.642	10.728	4.068E-09	18.834	3.767	1.761E-10
121	39.621	7.924	1.639E-09	95.476	19.095	2.294E-08	11.391	2.278	3.895E-11	-49.438	0.000	0.000E+00	34.946	6.989	1.125E-09	52.140	10.428	3.736E-09	20.040	4.008	2.121E-10
122	23.691	4.738	3.505E-10	11.741	2.348	4.266E-11	24.220	4.844	3.744E-10	15.032	3.006	8.828E-11	31.232	6.246	8.029E-10	28.294	5.659	5.970E-10	21.141	4.228	2.490E-10
123	61.783	12.357	6.216E-09	32.025	6.405	8.657E-10	56.168	11.234	4.670E-09	31.678	6.336	8.379E-10	18.120	3.624	1.568E-10	83.116	16.623	1.513E-08	43.521	8.704	2.173E-09
124	77.157	15.431	1.211E-08	70.153	14.031	9.100E-09	93.773	18.755	2.173E-08	53.146	10.629	3.956E-09	50.597	10.119	3.414E-09	44.202	8.840	2.276E-09	16.190	3.238	1.119E-10
125	17.787	3.557	1.483E-10	35.327	7.065	1.162E-09	98.440	19.688	2.514E-08	23.291	4.										

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
126	31.989	6.398	8.628E-10	20.155	4.031	2.158E-10	17.881	3.576	1.507E-10	22.672	4.534	3.071E-10	32.566	6.513	9.103E-10	29.456	5.891	6.736E-10	15.740	3.148	1.028E-10
127	35.419	7.084	1.171E-09	33.465	6.693	9.878E-10	41.303	8.261	1.857E-09	73.497	14.699	1.046E-08	67.674	13.535	8.169E-09	38.278	7.656	1.478E-09	46.646	9.329	2.675E-09
128	54.972	10.994	4.378E-09	33.276	6.655	9.711E-10	23.640	4.728	3.482E-10	122.999	24.600	4.904E-08	32.686	6.537	9.204E-10	28.705	5.741	6.234E-10	34.997	6.999	1.130E-09
129	37.798	7.560	1.423E-09	24.513	4.903	3.882E-10	58.827	11.765	5.366E-09	54.566	10.913	4.282E-09	38.066	7.613	1.454E-09	36.884	7.377	1.323E-09	27.909	5.582	5.729E-10
130	29.549	5.910	6.800E-10	23.989	4.798	3.639E-10	25.146	5.029	4.191E-10	30.382	6.076	7.392E-10	35.387	7.077	1.168E-09	12.447	2.489	5.082E-11	52.603	10.521	3.836E-09
131	81.663	16.333	1.435E-08	33.388	6.678	9.810E-10	76.898	15.380	1.199E-08	96.529	19.306	2.371E-08	38.836	7.767	1.544E-09	24.521	4.904	3.886E-10	57.776	11.555	5.083E-09
132	35.587	7.117	1.188E-09	86.656	17.331	1.715E-08	28.787	5.757	6.288E-10	53.808	10.762	4.106E-09	24.946	4.989	4.091E-10	54.519	10.904	4.271E-09	76.410	15.282	1.176E-08
133	38.547	7.709	1.510E-09	37.314	7.463	1.369E-09	94.900	18.980	2.253E-08	28.750	5.750	6.263E-10	29.053	5.811	6.464E-10	18.946	3.789	1.792E-10	21.543	4.309	2.635E-10
134	92.035	18.407	2.055E-08	54.184	10.837	4.193E-09	19.117	3.823	1.841E-10	57.749	11.550	5.076E-09	29.320	5.864	6.644E-10	34.092	6.818	1.044E-09	18.568	3.714	1.687E-10
135	94.213	18.843	2.204E-08	58.941	11.788	5.397E-09	93.447	18.689	2.151E-08	27.446	5.489	5.449E-10	26.712	5.342	5.024E-10	19.915	3.983	2.082E-10	57.153	11.431	4.921E-09
136	55.188	11.038	4.430E-09	10.750	2.150	3.274E-11	55.805	11.161	4.580E-09	27.492	5.498	5.477E-10	17.249	3.450	1.353E-10	31.085	6.217	7.917E-10	22.487	4.497	2.997E-10
137	33.571	6.714	9.972E-10	41.008	8.202	1.818E-09	22.022	4.404	2.815E-10	13.888	2.778	7.060E-11	23.478	4.696	3.411E-10	35.948	7.190	1.224E-09	70.713	14.143	9.319E-09
138	27.508	5.502	5.486E-10	25.148	5.030	4.192E-10	39.130	7.826	1.579E-09	74.162	14.832	1.075E-08	28.829	5.766	6.315E-10	31.032	6.206	7.876E-10	47.204	9.441	2.772E-09
139	35.100	7.020	1.140E-09	26.333	5.267	4.813E-10	71.044	14.209	9.451E-09	20.673	4.135	2.329E-10	29.197	5.839	6.560E-10	43.232	8.646	2.130E-09	34.404	6.881	1.073E-09
140	12.786	2.557	5.509E-11	14.756	2.951	8.468E-11	67.676	13.535	8.170E-09	31.744	6.349	8.431E-10	13.006	2.601	5.799E-11	36.746	7.349	1.308E-09	17.183	3.437	1.337E-10
141	42.128	8.426	1.971E-09	51.213	10.243	3.540E-09	12.521	2.504	5.173E-11	51.703	10.341	3.643E-09	50.355	10.071	3.365E-09	24.487	4.897	3.870E-10	24.716	4.943	3.980E-10
142	26.760	5.352	5.051E-10	81.278	16.256	1.415E-08	30.389	6.078	7.397E-10	39.185	7.837	1.586E-09	31.270	6.254	8.059E-10	21.336	4.267	2.560E-10	89.913	17.983	1.916E-08
143	10.724	2.145	3.251E-11	52.014	10.403	3.709E-09	38.661	7.732	1.523E-09	88.480	17.696	1.826E-08	29.234	5.847	6.585E-10	21.322	4.264	2.555E-10	26.349	5.270	4.821E-10
144	63.989	12.798	6.906E-09	57.053	11.411	4.895E-09	29.518	5.904	6.779E-10	26.335	5.267	4.814E-10	44.185	8.837	2.274E-09	92.920	18.584	2.115E-08	12.542	2.508	5.200E-11
145	66.860	13.372	7.878E-09	10.178	2.036	2.779E-11	12.325	2.465	4.934E-11	31.323	6.265	8.100E-10	24.871	4.974	4.055E-10	33.935	6.787	1.030E-09	29.781	5.956	6.961E-10
146	39.258	7.852	1.595E-09	98.192	19.638	2.495E-08	25.240	5.048	4.238E-10	12.770	2.554	5.489E-11	33.501	6.700	9.910E-10	32.100	6.420	8.718E-10	37.581	7.516	1.399E-09
147	30.957	6.191	7.820E-10	31.144	6.229	7.962E-10	90.421	18.084	1.949E-08	21.028	4.206	2.451E-10	25.672	5.134	4.459E-10	44.878	8.976	2.382E-09	22.543	4.509	3.019E-10
148	27.009	5.402	5.193E-10	51.572	10.314	3.615E-09	30.490	6.098	7.471E-10	-19.053	0.000	0.000E+00	89.189	17.838	1.870E-08	31.375	6.275	8.140E-10	30.007	6.001	7.121E-10
149	65.406	13.081	7.375E-09	21.363	4.273	2.570E-10	54.029	10.806	4.157E-09	26.877	5.375	5.117E-10	31.561	6.312	8.286E-10	26.074	5.215	4.672E-10	31.940	6.388	8.588E-10
150	-22.964	0.000	0.000E+00	55.251	11.050	4.445E-09	28.222	5.644	5.924E-10	20.982	4.196	2.435E-10	29.398	5.880	6.696E-10	99.861	19.972	2.625E-08	13.210	2.642	6.075E-11
151	19.130	3.826	1.845E-10	32.407	6.481	8.970E-10	30.683	6.137	7.613E-10	32.586	6.517	9.120E-10	10.302	2.060	2.882E-11	20.902	4.180	2.407E-10	41.373	8.275	1.867E-09
152	23.694	4.739	3.506E-10	43.858	8.772	2.224E-09	25.720	5.144	4.484E-10	45.581	9.116	2.496E-09	33.578	6.716	9.978E-10	28.857	5.771	6.333E-10	16.004	3.201	1.080E-10
153	36.111	7.222	1.241E-09	30.079	6.016	7.173E-10	26.978	5.396	5.175E-10	12.057	2.411	4.619E-11	33.538	6.708	9.943E-10	160.184	32.037	1.083E-07	26.613	5.323	4.968E-10
154	34.978	6.996	1.128E-09	24.087	4.817	3.683E-10	20.598	4.120	2.303E-10	27.765	5.553	5.641E-10	16.997	3.399	1.294E-10	24.813	4.963	4.027E-10	17.254	3.451	1.354E-10
155	32.387	6.477	8.953E-10	29.666	5.933	6.881E-10	27.061	5.412	5.223E-10	65.782	13.156	7.503E-09	70.751	14.150	9.334E-09	35.377	7.075	1.167E-09	90.503	18.101	1.954E-08
156	18.306	3.661	1.617E-10	53.642	10.728	4.068E-09	29.675	5.935	6.888E-10	34.539	6.908	1.086E-09	30.746	6.149	7.660E-10	-11.151	0.000	0.000E+00	67.672	13.534	8.168E-09
157	32.850	6.570	9.344E-10	-23.110	0.000	0.000E+00	30.392	6.078	7.399E-10	34.933	6.987	1.124E-09	35.580	7.116	1.187E-09	39.660	7.932	1.644E-09	12.384	2.477	5.005E-11
158	25.649	5.130	4.448E-10	90.659	18.132	1.964E-08	54.772	10.954	4.331E-09	51.093	10.219	3.515E-09	29.100	5.820	6.495E-10	22.825	4.565	3.134E-10	42.079	8.416	1.964E-09
159	53.256	10.651	3.981E-09	19.831	3.966	2.056E-10	11.754	2.351	4.280E-11	25.089	5.018	4.162E-10	32.923	6.585	9.405E-10	30.389	6.078	7.397E-10	32.752	6.550	9.260E-10
160	34.254	6.851	1.059E-09	32.574	6.515	9.110E-10	22.598	4.520	3.042E-10	20.533	4.107	2.282E-10	55.700	11.140	4.555E-09	30.939	6.188	7.806E-10	39.335	7.867	1.604E-09
161	31.407	6.281	8.165E-10	26.266	5.253	4.776E-10	27.270	5.454	5.345E-10	27.559	5.512	5.517E-10	21.972	4.394	2.796E-10	24.768	4.954	4.005E-10	27.566	5.513	5.521E-10
162	59.362	11.872	5.513E-09	28.861	5.772	6.336E-10	31.827	6.365	8.497E-10	24.128	4.826	3.702E-10	33.325	6.665	9.754E-10	38.345	7.669	1.486E-09	30.950	6.190	7.814E-10
163	24.678	4.936	3.961E-10	41.553	8.311	1.891E-09	35.390	7.078	1.168E-09	30.535	6.107	7.504E-10	19.822	3.964	2.053E-10	26.530	5.306	4.921E-10	34.679	6.936	1.099E-09
164	101.170	20.234	2.729E-08	73.275	14.655	1.037E-08	32.286	6.457	8.871E-10	35.551	7.110	1.184E-09	31.913	6.383	8.567E-10	20.979	4.196	2.434E-10	57.184	11.437	4.929E-09
165	91.425	18.285	2.014E-08	32.589	6.518	9.122E-10	26.043	5.209	4.655E-10	22.507	4.501	3.005E-10	30.528	6.106	7.498E-10	22.824	4.565	3.134E-10	25.250	5.050	4.243E-10
166	39.384	7.877	1.610E-09	17.089	3.418	1.315E-10	21.872	4.374	2.758E-10	-31.235	0.000	0.000E+00	97.490	19.498	2.442E-08	34.130	6.826	1.048E-09	96.027	19.205	2.334E-08
167	39.057	7.811	1.570E-09	28.412	5.682	6.045E-10	72.601	14.520	1.009E-08	44.896	8.979	2.385E-09	31.711	6.342	8.405E-10	29.575	5.915	6.818E-10	23.783	4.757	3.546E-10
168	35.604	7.121	1.190E-09	27.382	5.476	5.411E-10	94.658	18.932	2.235E-08	26.551	5.310	4.933E-10	24.619	4.924	3.933E-10	38.839	7.768	1.544E-09	33.182	6.636	9.629E-10
169	12.125	2.425	4.699E-11	24.248	4.850	3.758E-10	28.811	5.762	6.303E-10	25.148	5.030	4.192E-10	35.975	7.195	1.227E-09	37.519	7.504	1.392E-09	34.970	6.994	1.127E-09
170	40.175	8.035	1.709E-09	30.770	6.154	7.678E-10	16.113	3.223	1.103E-10	36.427	7.285	1.274E-09	30.015	6.							

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
171	10.841	2.168	3.358E-11	32.597	6.519	9.129E-10	20.836	4.167	2.384E-10	33.536	6.707	9.941E-10	17.142	3.428	1.328E-10	94.744	18.949	2.241E-08	93.997	18.799	2.189E-08
172	12.613	2.523	5.289E-11	27.044	5.409	5.213E-10	19.727	3.945	2.023E-10	35.253	7.051	1.155E-09	50.708	10.142	3.436E-09	39.235	7.847	1.592E-09	22.656	4.531	3.065E-10
173	-31.767	0.000	0.000E+00	22.130	4.426	2.856E-10	13.672	2.734	6.736E-11	56.819	11.364	4.835E-09	24.998	5.000	4.117E-10	22.248	4.450	2.902E-10	59.685	11.937	5.604E-09
174	160.699	32.140	1.094E-07	30.588	6.118	7.543E-10	40.658	8.132	1.771E-09	42.117	8.423	1.969E-09	18.097	3.619	1.562E-10	22.138	4.428	2.859E-10	32.794	6.559	9.296E-10
175	37.629	7.526	1.404E-09	22.807	4.561	3.127E-10	47.432	9.486	2.812E-09	33.354	6.671	9.780E-10	12.334	2.467	4.945E-11	22.431	4.486	2.975E-10	31.813	6.363	8.486E-10
176	32.200	6.440	8.799E-10	38.102	7.620	1.458E-09	64.750	12.950	7.155E-09	41.702	8.340	1.911E-09	31.602	6.320	8.318E-10	27.345	5.469	5.389E-10	23.945	4.789	3.619E-10
177	29.548	5.910	6.799E-10	30.820	6.164	7.716E-10	33.636	6.727	1.003E-09	-17.585	0.000	0.000E+00	29.886	5.977	7.035E-10	23.691	4.738	3.505E-10	24.975	4.995	4.106E-10
178	21.325	4.265	2.556E-10	23.145	4.629	3.268E-10	38.707	7.741	1.528E-09	46.724	9.345	2.689E-09	28.396	5.679	6.035E-10	16.356	3.271	1.153E-10	19.092	3.818	1.834E-10
179	20.266	4.053	2.194E-10	55.116	11.023	4.413E-09	35.929	7.186	1.222E-09	30.808	6.162	7.707E-10	30.984	6.197	7.840E-10	25.513	5.103	4.377E-10	17.027	3.405	1.301E-10
180	19.087	3.817	1.833E-10	56.788	11.358	4.827E-09	21.696	4.339	2.692E-10	12.126	2.425	4.699E-11	35.253	7.051	1.155E-09	12.713	2.543	5.415E-11	42.787	8.557	2.065E-09
181	56.603	11.321	4.780E-09	16.793	3.359	1.248E-10	11.976	2.395	4.527E-11	26.995	5.399	5.185E-10	36.238	7.248	1.254E-09	22.676	4.535	3.073E-10	40.972	8.194	1.813E-09
182	31.114	6.223	7.939E-10	26.683	5.337	5.007E-10	20.572	4.114	2.295E-10	12.627	2.525	5.306E-11	175.441	35.088	1.423E-07	33.627	6.725	1.002E-09	28.151	5.630	5.880E-10
183	24.545	4.909	3.897E-10	61.173	12.235	6.034E-09	59.468	11.894	5.543E-09	52.226	10.445	3.754E-09	76.688	15.338	1.189E-08	162.945	32.589	1.140E-07	45.356	9.071	2.459E-09
184	28.050	5.610	5.817E-10	17.312	3.462	1.367E-10	55.799	11.160	4.579E-09	40.063	8.013	1.695E-09	10.230	2.046	2.822E-11	29.843	5.969	7.005E-10	21.614	4.323	2.661E-10
185	28.840	5.768	6.322E-10	29.363	5.873	6.672E-10	13.976	2.795	7.196E-11	34.443	6.889	1.077E-09	34.117	6.823	1.047E-09	32.993	6.599	9.466E-10	33.507	6.701	9.915E-10
186	11.215	2.243	3.718E-11	41.598	8.320	1.897E-09	29.330	5.866	6.650E-10	37.628	7.526	1.404E-09	24.130	4.826	3.703E-10	29.097	5.819	6.493E-10	12.683	2.537	5.378E-11
187	25.493	5.099	4.367E-10	34.724	6.945	1.103E-09	27.199	5.440	5.303E-10	-22.352	0.000	0.000E+00	32.479	6.496	9.030E-10	27.543	5.509	5.507E-10	34.026	6.805	1.038E-09
188	20.601	4.120	2.304E-10	25.777	5.155	4.514E-10	24.095	4.819	3.687E-10	33.536	6.707	9.941E-10	33.733	6.747	1.012E-09	31.155	6.231	7.970E-10	28.229	5.646	5.929E-10
189	22.320	4.464	2.931E-10	59.204	11.841	5.469E-09	41.561	8.312	1.892E-09	16.220	3.244	1.125E-10	10.420	2.084	2.982E-11	12.512	2.502	5.163E-11	41.414	8.283	1.872E-09
190	14.893	2.979	8.707E-11	27.896	5.579	5.722E-10	40.354	8.071	1.732E-09	94.713	18.943	2.239E-08	31.012	6.202	7.861E-10	25.909	5.182	4.584E-10	33.949	6.790	1.031E-09
191	21.637	4.327	2.670E-10	10.874	2.175	3.389E-11	29.799	5.960	6.974E-10	34.567	6.913	1.089E-09	26.086	5.217	4.678E-10	-19.081	0.000	0.000E+00	33.458	6.692	9.872E-10
192	33.473	6.695	9.885E-10	44.177	8.835	2.272E-09	96.941	19.388	2.401E-08	33.971	6.794	1.033E-09	27.607	5.521	5.546E-10	13.902	2.780	7.081E-11	34.985	6.997	1.129E-09
193	30.719	6.144	7.641E-10	23.761	4.752	3.536E-10	35.888	7.178	1.218E-09	26.742	5.348	5.041E-10	86.410	17.282	1.701E-08	26.207	5.241	4.744E-10	31.627	6.325	8.338E-10
194	59.625	11.925	5.587E-09	18.060	3.612	1.553E-10	21.402	4.280	2.584E-10	33.789	6.758	1.017E-09	30.866	6.173	7.751E-10	27.778	5.556	5.649E-10	11.387	2.277	3.891E-11
195	32.663	6.533	9.184E-10	30.820	6.164	7.716E-10	24.281	4.856	3.773E-10	23.658	4.732	3.490E-10	24.959	4.992	4.098E-10	-22.860	0.000	0.000E+00	42.738	8.548	2.057E-09
196	24.851	4.970	4.045E-10	32.990	6.598	9.463E-10	39.570	7.914	1.633E-09	187.414	37.483	1.735E-07	30.925	6.185	7.795E-10	24.797	4.959	4.019E-10	16.455	3.291	1.174E-10
197	18.630	3.726	1.704E-10	40.417	8.083	1.740E-09	81.829	16.366	1.444E-08	41.512	8.302	1.885E-09	32.653	6.531	9.176E-10	-27.173	0.000	0.000E+00	10.453	2.091	3.010E-11
198	36.363	7.273	1.267E-09	19.291	3.858	1.892E-10	25.778	5.156	4.515E-10	22.199	4.440	2.883E-10	29.321	5.864	6.644E-10	12.024	2.405	4.582E-11	25.286	5.057	4.261E-10
199	31.084	6.217	7.916E-10	32.551	6.510	9.090E-10	23.966	4.793	3.628E-10	22.623	4.525	3.052E-10	91.373	18.275	2.011E-08	31.935	6.387	8.584E-10	23.355	4.671	3.358E-10
200	34.911	6.982	1.121E-09	24.960	4.992	4.098E-10	27.651	5.530	5.572E-10	15.170	3.034	9.202E-11	87.965	17.593	1.794E-08	34.361	6.872	1.069E-09	21.849	4.370	2.749E-10
201	10.129	2.026	2.739E-11	22.332	4.466	2.936E-10	34.260	6.852	1.060E-09	31.028	6.206	7.873E-10	31.527	6.305	8.260E-10	24.485	4.897	3.869E-10	15.413	3.083	9.651E-11
202	31.040	6.208	7.883E-10	37.306	7.461	1.368E-09	29.296	5.859	6.627E-10	18.276	3.655	1.609E-10	92.734	18.547	2.102E-08	16.828	3.366	1.256E-10	28.441	5.688	6.064E-10
203	31.822	6.364	8.493E-10	27.920	5.584	5.736E-10	29.495	5.899	6.763E-10	27.402	5.480	5.423E-10	51.519	10.304	3.604E-09	26.328	5.266	4.810E-10	32.541	6.508	9.082E-10
204	23.707	4.741	3.512E-10	21.390	4.278	2.579E-10	52.082	10.416	3.723E-09	28.924	5.785	6.378E-10	29.104	5.821	6.497E-10	36.608	7.322	1.293E-09	40.260	8.052	1.720E-09
205	35.368	7.074	1.166E-09	17.571	3.514	1.430E-10	12.582	2.516	5.250E-11	34.386	6.877	1.072E-09	33.366	6.673	9.790E-10	27.658	5.532	5.577E-10	15.153	3.031	9.171E-11
206	22.140	4.428	2.861E-10	40.956	8.191	1.811E-09	30.586	6.117	7.541E-10	59.235	11.847	5.478E-09	25.023	5.005	4.130E-10	34.738	6.948	1.105E-09	24.375	4.875	3.817E-10
207	29.588	5.918	6.827E-10	29.879	5.976	7.030E-10	32.128	6.420	8.741E-10	25.065	5.013	4.150E-10	87.806	17.561	1.784E-08	-14.838	0.000	0.000E+00	25.100	5.020	4.168E-10
208	28.275	5.655	5.958E-10	23.784	4.757	3.546E-10	39.699	7.940	1.649E-09	34.803	6.961	1.111E-09	89.152	17.830	1.868E-08	34.249	6.850	1.059E-09	26.876	5.375	5.177E-10
209	25.409	5.082	4.324E-10	39.039	7.808	1.568E-09	28.406	5.681	6.041E-10	35.353	7.071	1.165E-09	87.426	17.485	1.761E-08	30.913	6.183	7.786E-10	32.356	6.471	8.928E-10
210	47.607	9.521	2.844E-09	25.097	5.019	4.167E-10	38.655	7.731	1.522E-09	32.072	6.414	8.695E-10	88.702	17.740	1.839E-08	28.393	5.679	6.033E-10	28.111	5.622	5.855E-10
211	34.118	6.824	1.047E-09	29.615	5.923	6.846E-10	11.252	2.250	3.755E-11	27.416	5.483	5.431E-10	10.659	2.132	3.192E-11	32.795	6.559	9.297E-10	10.404	2.081	2.968E-11
212	16.452	3.290	1.174E-10	20.727	4.145	2.347E-10	20.710	4.142	2.341E-10	34.245	6.849	1.058E-09	29.670	5.934	6.884E-10	25.457	5.091	4.348E-10	29.123	5.825	6.510E-10
213	27.557	5.511	5.516E-10	30.057	6.011	7.157E-10	32.848	6.570	9.342E-10	36.619	7.324	1.294E-09	92.838	18.568	2.109E-08	28.203	5.641	5.912E-10	14.598	2.920	8.200E-11
214	30.847	6.169	7.736E-10	28.353	5.671	6.007E-10	22.342	4.468	2.939E-10	34.454	6.891	1.078E-09	29.401	5.880	6.699E-10	21.696	4.339	2.692E-10	30.496	6.099	7.475E-10
215	11.134	2.227	3.638E-11	35.200	7.040	1.150E-09	31.829	6.366	8.499E-10	85.954	17.191	1.674E-08	29.122	5.824	6.509E-10	34.585					

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
216	13.205	2.641	6.069E-11	33.445	6.689	9.860E-10	33.836	6.767	1.021E-09	20.715	4.143	2.343E-10	56.888	11.378	4.852E-09	29.853	5.971	7.012E-10	33.699	6.740	1.009E-09
217	25.444	5.089	4.342E-10	34.044	6.809	1.040E-09	31.113	6.223	7.938E-10	29.490	5.898	6.760E-10	16.424	3.285	1.168E-10	28.156	5.631	5.883E-10	20.020	4.004	2.115E-10
218	35.755	7.151	1.205E-09	33.104	6.621	9.562E-10	33.303	6.661	9.735E-10	93.336	18.667	2.143E-08	26.915	5.383	5.139E-10	35.102	7.020	1.140E-09	26.576	5.315	4.947E-10
219	23.107	4.621	3.252E-10	29.781	5.956	6.962E-10	31.202	6.240	8.006E-10	25.727	5.145	4.488E-10	33.955	6.791	1.032E-09	26.975	5.395	5.174E-10	28.985	5.797	6.418E-10
220	27.944	5.589	5.751E-10	20.842	4.168	2.386E-10	26.684	5.337	5.008E-10	50.961	10.192	3.488E-09	36.186	7.237	1.249E-09	27.601	5.520	5.542E-10	-28.003	0.000	0.000E+00
221	22.112	4.422	2.849E-10	40.792	8.158	1.789E-09	11.162	2.232	3.666E-11	-15.053	0.000	0.000E+00	34.346	6.869	1.068E-09	19.997	3.999	2.108E-10	12.590	2.518	5.260E-11
222	23.625	4.725	3.475E-10	32.441	6.488	8.999E-10	25.890	5.178	4.574E-10	29.207	5.841	6.567E-10	26.961	5.392	5.165E-10	17.665	3.533	1.453E-10	34.916	6.983	1.122E-09
223	34.240	6.848	1.058E-09	26.338	5.268	4.816E-10	30.357	6.071	7.373E-10	34.549	6.910	1.087E-09	29.641	5.928	6.864E-10	21.192	4.238	2.509E-10	25.360	5.072	4.299E-10
224	30.374	6.075	7.386E-10	18.484	3.697	1.664E-10	40.452	8.090	1.745E-09	58.535	11.707	5.286E-09	13.695	2.739	6.770E-11	35.705	7.141	1.200E-09	31.069	6.214	7.904E-10
225	28.277	5.655	5.959E-10	25.531	5.106	4.386E-10	27.762	5.552	5.640E-10	29.595	5.919	6.832E-10	27.246	5.449	5.331E-10	26.341	5.268	4.817E-10	-23.924	0.000	0.000E+00
226	28.668	5.734	6.210E-10	29.251	5.850	6.597E-10	39.195	7.839	1.587E-09	25.588	5.118	4.416E-10	93.204	18.641	2.134E-08	28.991	5.798	6.422E-10	34.475	6.895	1.080E-09
227	26.956	5.391	5.162E-10	26.316	5.263	4.804E-10	12.397	2.479	5.022E-11	19.812	3.962	2.050E-10	33.075	6.615	9.536E-10	29.536	5.907	6.791E-10	34.182	6.836	1.053E-09
228	35.508	7.102	1.180E-09	29.525	5.905	6.784E-10	33.303	6.661	9.735E-10	30.427	6.085	7.425E-10	29.899	5.980	7.045E-10	12.837	2.567	5.575E-11	35.615	7.123	1.191E-09
229	34.297	6.859	1.063E-09	22.769	4.554	3.111E-10	41.890	8.378	1.937E-09	33.836	6.767	1.021E-09	26.158	5.232	4.717E-10	23.302	4.660	3.335E-10	21.981	4.396	2.799E-10
230	25.812	5.162	4.533E-10	30.272	6.054	7.312E-10	30.778	6.156	7.685E-10	32.936	6.587	9.416E-10	28.525	5.705	6.118E-10	12.535	2.507	5.191E-11	10.988	2.198	3.497E-11
231	25.433	5.087	4.336E-10	17.838	3.568	1.496E-10	19.113	3.823	1.840E-10	33.036	6.607	9.503E-10	32.641	6.528	9.166E-10	10.272	2.054	2.857E-11	31.442	6.288	8.192E-10
232	23.900	4.780	3.598E-10	35.038	7.008	1.134E-09	28.429	5.686	6.056E-10	36.327	7.265	1.264E-09	31.200	6.240	8.005E-10	23.407	4.681	3.380E-10	22.402	4.480	2.963E-10
233	11.396	2.279	3.901E-11	11.300	2.260	3.803E-11	29.468	5.894	6.744E-10	36.306	7.261	1.261E-09	26.499	5.300	4.904E-10	34.972	6.994	1.127E-09	35.548	7.110	1.184E-09
234	27.732	5.546	5.622E-10	23.938	4.788	3.615E-10	34.399	6.880	1.073E-09	91.185	18.237	1.998E-08	37.452	7.490	1.385E-09	34.951	6.990	1.125E-09	27.752	5.550	5.634E-10
235	30.506	6.101	7.483E-10	27.039	5.408	5.210E-10	34.967	6.993	1.127E-09	32.439	6.488	8.997E-10	39.794	7.959	1.661E-09	28.671	5.734	6.212E-10	24.092	4.818	3.686E-10
236	18.652	3.730	1.710E-10	-22.444	0.000	0.000E+00	34.905	6.981	1.121E-09	28.500	5.700	6.101E-10	99.031	19.806	2.560E-08	12.875	2.575	5.625E-11	40.713	8.143	1.779E-09
237	23.535	4.707	3.436E-10	28.954	5.791	6.398E-10	32.253	6.451	8.843E-10	29.547	5.909	6.799E-10	30.292	6.058	7.326E-10	26.465	5.293	4.886E-10	-26.552	0.000	0.000E+00
238	30.454	6.091	7.444E-10	28.896	5.779	6.359E-10	11.199	2.240	3.702E-11	25.092	5.018	4.164E-10	29.060	5.812	6.468E-10	38.585	7.717	1.514E-09	31.669	6.334	8.372E-10
239	10.110	2.022	2.723E-11	28.217	5.643	5.922E-10	28.144	5.629	5.876E-10	28.087	5.617	5.840E-10	32.320	6.464	8.898E-10	39.823	7.965	1.665E-09	24.328	4.866	3.795E-10
240	24.589	4.918	3.918E-10	24.913	4.983	4.075E-10	26.753	5.351	5.047E-10	29.702	5.940	6.907E-10	55.263	11.053	4.448E-09	37.871	7.574	1.432E-09	32.193	6.439	8.793E-10
241	30.743	6.149	7.658E-10	26.854	5.371	5.104E-10	30.127	6.025	7.207E-10	12.106	2.421	4.676E-11	14.394	2.879	7.860E-11	37.466	7.493	1.386E-09	31.139	6.228	7.958E-10
242	35.522	7.104	1.181E-09	33.342	6.668	9.769E-10	29.734	5.947	6.929E-10	26.638	5.328	4.982E-10	21.183	4.237	2.505E-10	19.419	3.884	1.930E-10	34.501	6.900	1.082E-09
243	28.868	5.774	6.341E-10	31.691	6.338	8.389E-10	29.333	5.867	6.652E-10	37.652	7.530	1.407E-09	11.016	2.203	3.524E-11	28.543	5.709	6.129E-10	23.070	4.614	3.236E-10
244	39.011	7.802	1.565E-09	30.535	6.107	7.504E-10	16.811	3.362	1.252E-10	24.483	4.897	3.868E-10	30.722	6.144	7.643E-10	11.962	2.392	4.511E-11	20.038	4.008	2.121E-10
245	37.165	7.433	1.353E-09	26.281	5.256	4.785E-10	13.503	2.701	6.489E-11	26.188	5.238	4.734E-10	27.802	5.560	5.664E-10	29.708	5.942	6.911E-10	35.290	7.058	1.158E-09
246	18.413	3.683	1.645E-10	12.840	2.568	5.579E-11	37.634	7.527	1.405E-09	33.813	6.763	1.019E-09	19.450	3.890	1.939E-10	30.463	6.093	7.451E-10	28.916	5.783	6.373E-10
247	37.094	7.419	1.345E-09	26.911	5.382	5.136E-10	10.278	2.056	2.861E-11	27.773	5.555	5.646E-10	29.321	5.864	6.644E-10	32.075	6.415	8.697E-10	28.884	5.777	6.351E-10
248	22.527	4.505	3.013E-10	27.386	5.477	5.413E-10	23.789	4.758	3.548E-10	29.267	5.853	6.608E-10	36.404	7.281	1.272E-09	33.565	6.713	9.967E-10	34.351	6.870	1.068E-09
249	35.732	7.146	1.202E-09	26.923	5.385	5.144E-10	36.440	7.288	1.275E-09	22.010	4.402	2.810E-10	27.987	5.597	5.778E-10	35.146	7.029	1.144E-09	33.782	6.756	1.016E-09
250	11.183	2.237	3.686E-11	30.378	6.076	7.389E-10	29.899	5.980	7.045E-10	32.782	6.556	9.286E-10	53.483	10.697	4.032E-09	10.116	2.023	2.729E-11	16.498	3.300	1.184E-10
251	34.588	6.918	1.091E-09	10.487	2.097	3.040E-11	12.833	2.567	5.571E-11	31.428	6.286	8.181E-10	30.733	6.147	7.651E-10	27.054	5.411	5.219E-10	-18.559	0.000	0.000E+00
252	21.281	4.256	2.540E-10	17.712	3.542	1.464E-10	31.719	6.344	8.411E-10	32.542	6.508	9.083E-10	51.752	10.350	3.653E-09	21.630	4.326	2.667E-10	26.706	5.341	5.020E-10
253	31.300	6.260	8.082E-10	32.058	6.412	8.684E-10	34.556	6.911	1.088E-09	30.726	6.145	7.646E-10	25.643	5.129	4.444E-11	26.978	5.396	5.175E-10	29.723	5.945	6.921E-10
254	29.085	5.817	6.485E-10	30.051	6.010	7.152E-10	11.106	2.221	3.610E-11	33.603	6.721	1.000E-09	25.483	5.097	4.362E-10	40.076	8.015	1.696E-09	20.501	4.100	2.271E-10
255	35.406	7.081	1.170E-09	35.284	7.057	1.158E-09	22.525	4.505	3.012E-10	10.675	2.135	3.206E-11	27.215	5.443	5.312E-10	28.581	5.716	6.153E-10	33.522	6.704	9.928E-10
256	27.008	5.402	5.193E-10	31.968	6.394	8.611E-10	36.892	7.378	1.323E-09	26.132	5.226	4.703E-10	49.242	9.848	3.147E-09	36.480	7.296	1.280E-09	21.386	4.277	2.578E-10
257	31.245	6.249	8.040E-10	37.156	7.431	1.352E-09	28.511	5.702	6.108E-10	30.966	6.193	7.826E-10	10.985	2.197	3.494E-11	30.511	6.102	7.486E-10	33.896	6.779	1.026E-09
258	33.356	6.671	9.781E-10	31.522	6.304	8.256E-10	28.145	5.629	5.876E-10	31.592	6.318	8.311E-10	32.150	6.430	8.759E-10	18.557	3.711	1.684E-10	21.791	4.358	2.727E-10
259	31.808	6.362	8.482E-10	23.919	4.784	3.607E-10	31.030	6.206	7.875E-10	31.762	6.352	8.445E-10	27.681	5.536	5.590E-10	31.717	6.343	8.409E-10	17.092	3.418	1.316E-10
260	34.419	6.884	1.075E-09	37.708	7.542	1.413E-09	30.581	6.116	7.538E-10	10.575	2.115	3.117E-11	96.403	19.281	2.361E-08	24.893	4.979	4.066E-10	33.189	6.638	9.635E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
261	22.939	4.588	3.181E-10	43.678	8.736	2.196E-09	11.819	2.364	4.352E-11	30.149	6.030	7.223E-10	18.946	3.789	1.792E-10	38.975	7.795	1.560E-09	23.440	4.688	3.394E-10
262	34.293	6.859	1.063E-09	30.570	6.114	7.530E-10	33.648	6.730	1.004E-09	10.387	2.077	2.954E-11	32.753	6.551	9.260E-10	26.871	5.374	5.114E-10	27.653	5.531	5.573E-10
263	25.065	5.013	4.150E-10	34.567	6.913	1.089E-09	36.772	7.354	1.311E-09	35.489	7.098	1.178E-09	96.042	19.208	2.335E-08	34.563	6.913	1.088E-09	27.295	5.459	5.360E-10
264	28.870	5.774	6.342E-10	16.767	3.353	1.242E-10	21.113	4.223	2.481E-10	33.383	6.677	9.805E-10	13.370	2.674	6.299E-11	26.183	5.237	4.731E-10	21.576	4.315	2.647E-10
265	33.194	6.639	9.640E-10	40.408	8.082	1.739E-09	27.227	5.445	5.320E-10	91.282	18.256	2.005E-08	27.012	5.402	5.195E-10	33.529	6.706	9.934E-10	11.533	2.307	4.043E-11
266	31.355	6.271	8.125E-10	25.541	5.108	4.392E-10	30.872	6.174	7.755E-10	27.827	5.565	5.679E-10	86.868	17.374	1.728E-08	12.715	2.543	5.419E-11	26.892	5.378	5.126E-10
267	29.231	5.846	6.583E-10	32.032	6.406	8.663E-10	31.764	6.353	8.446E-10	17.404	3.481	1.389E-10	87.084	17.417	1.741E-08	36.204	7.241	1.251E-09	33.975	6.795	1.034E-09
268	27.201	5.440	5.304E-10	11.191	2.238	3.694E-11	30.698	6.140	7.624E-10	-18.813	0.000	0.000E+00	31.645	6.329	8.353E-10	39.004	7.801	1.564E-09	26.387	5.277	4.843E-10
269	33.524	6.705	9.930E-10	29.842	5.968	7.004E-10	31.054	6.211	7.893E-10	25.989	5.198	4.627E-10	17.499	3.500	1.412E-10	27.297	5.459	5.361E-10	35.501	7.100	1.179E-09
270	26.423	5.285	4.862E-10	32.577	6.515	9.113E-10	28.979	5.796	6.414E-10	29.621	5.924	6.850E-10	28.055	5.611	5.820E-10	11.440	2.288	3.946E-11	24.525	4.905	3.888E-10
271	10.152	2.030	2.758E-11	31.352	6.270	8.123E-10	32.446	6.489	9.003E-10	27.178	5.436	5.291E-10	53.509	10.702	4.038E-09	15.987	3.197	1.077E-10	12.366	2.473	4.984E-11
272	12.645	2.529	5.328E-11	22.512	4.502	3.007E-10	30.087	6.017	7.178E-10	27.435	5.487	5.443E-10	26.096	5.219	4.684E-10	36.350	7.270	1.266E-09	36.203	7.241	1.251E-09
273	33.992	6.798	1.035E-09	10.238	2.048	2.829E-11	34.903	6.981	1.121E-09	32.434	6.487	8.993E-10	24.782	4.956	4.011E-10	30.365	6.073	7.380E-10	13.530	2.706	6.528E-11
274	27.670	5.534	5.584E-10	33.072	6.614	9.534E-10	14.981	2.996	8.862E-11	44.376	8.875	2.303E-09	28.234	5.647	5.932E-10	32.675	6.535	9.195E-10	10.519	2.104	3.068E-11
275	32.562	6.512	9.100E-10	32.016	6.403	8.649E-10	33.106	6.621	9.563E-10	19.626	3.925	1.992E-10	29.271	5.854	6.610E-10	26.365	5.273	4.831E-10	27.193	5.439	5.300E-10
276	24.339	4.868	3.800E-10	16.774	3.355	1.244E-10	31.050	6.210	7.890E-10	31.299	6.260	8.081E-10	96.773	19.355	2.389E-08	29.426	5.885	6.715E-10	33.595	6.719	9.993E-10
277	26.309	5.262	4.799E-10	29.685	5.937	6.894E-10	33.381	6.676	9.804E-10	95.212	19.042	2.275E-08	93.859	18.772	2.179E-08	31.121	6.224	7.944E-10	29.644	5.929	6.866E-10
278	-16.098	0.000	0.000E+00	27.806	5.561	5.666E-10	10.015	2.003	2.648E-11	27.280	5.456	5.351E-10	27.567	5.513	5.521E-10	24.102	4.820	3.690E-10	30.664	6.133	7.600E-10
279	26.677	5.335	5.004E-10	12.055	2.411	4.617E-11	24.491	4.898	3.872E-10	59.541	11.908	5.563E-09	25.033	5.007	4.135E-10	23.521	4.704	3.430E-10	33.555	6.711	9.958E-10
280	20.818	4.164	2.378E-10	26.848	5.370	5.101E-10	34.093	6.819	1.044E-09	29.765	5.953	6.951E-10	18.333	3.667	1.624E-10	29.098	5.820	6.494E-10	11.125	2.225	3.629E-11
281	31.710	6.342	8.404E-10	29.955	5.991	7.084E-10	30.336	6.067	7.358E-10	30.377	6.075	7.388E-10	12.087	2.417	4.654E-11	34.419	6.884	1.075E-09	36.740	7.348	1.307E-09
282	17.672	3.534	1.454E-10	13.335	2.667	6.250E-11	28.851	5.770	6.330E-10	14.028	2.806	7.275E-11	24.801	4.960	4.021E-10	27.325	5.465	5.378E-10	26.768	5.354	5.055E-10
283	15.207	3.041	9.268E-11	31.926	6.385	8.577E-10	23.806	4.761	3.556E-10	24.139	4.828	3.707E-10	28.546	5.709	6.131E-10	13.385	2.677	6.320E-11	20.199	4.040	2.172E-10
284	22.822	4.564	3.133E-10	32.577	6.515	9.112E-10	19.140	3.828	1.848E-10	27.884	5.577	5.714E-10	20.845	4.169	2.387E-10	25.409	5.082	4.324E-10	10.357	2.071	9.928E-11
285	28.870	5.774	6.342E-10	22.992	4.598	3.204E-10	26.861	5.372	5.108E-10	27.104	5.421	5.248E-10	46.750	9.350	2.693E-09	18.606	3.721	1.698E-10	10.667	2.133	3.199E-11
286	22.861	4.572	3.149E-10	32.751	6.550	9.259E-10	29.127	5.825	6.513E-10	15.038	3.008	8.964E-11	35.555	7.111	1.185E-09	24.724	4.945	3.983E-10	30.522	6.104	7.494E-10
287	22.089	4.418	2.841E-10	37.447	7.489	1.384E-09	30.858	6.172	7.745E-10	18.382	3.676	1.637E-10	91.585	18.317	2.025E-08	25.490	5.098	4.365E-10	28.033	5.607	5.806E-10
288	22.481	4.496	2.995E-10	29.573	5.915	6.817E-10	12.076	2.415	4.641E-11	28.430	5.686	6.057E-10	31.786	6.357	8.464E-10	33.362	6.672	9.787E-10	10.283	2.057	2.866E-11
289	21.498	4.300	2.619E-10	32.525	6.505	9.069E-10	15.648	3.130	1.010E-10	23.273	4.655	3.322E-10	90.346	18.069	1.944E-08	34.211	6.842	1.055E-09	30.201	6.040	7.261E-10
290	30.118	6.024	7.201E-10	25.700	5.140	4.474E-10	22.325	4.465	2.933E-10	31.836	6.367	8.505E-10	28.749	5.750	6.262E-10	11.344	2.269	3.847E-11	190.406	38.081	1.819E-07
291	32.936	6.587	9.417E-10	20.525	4.105	2.279E-10	12.604	2.521	5.278E-11	26.082	5.216	4.676E-10	26.972	5.394	5.171E-10	29.510	5.902	6.773E-10	33.865	6.773	1.024E-09
292	21.022	4.204	2.449E-10	38.139	7.628	1.462E-09	33.392	6.678	9.814E-10	36.820	7.364	1.316E-09	62.280	12.456	6.367E-09	33.961	6.792	1.032E-09	37.921	7.584	1.437E-09
293	20.185	4.037	2.167E-10	11.199	2.240	3.702E-11	39.076	7.815	1.573E-09	30.028	6.006	7.136E-10	17.150	3.430	1.329E-10	35.443	7.089	1.174E-09	30.161	6.032	7.231E-10
294	30.904	6.181	7.780E-10	31.636	6.327	8.345E-10	32.076	6.415	8.698E-10	31.457	6.291	8.205E-10	22.908	4.582	3.168E-10	31.960	6.392	8.604E-10	35.728	7.146	1.020E-09
295	33.662	6.732	1.005E-09	21.369	4.274	2.572E-10	33.667	6.733	1.006E-09	37.458	7.492	1.385E-09	33.209	6.642	9.653E-10	27.229	5.446	5.321E-10	24.785	4.957	4.013E-10
296	34.110	6.822	1.046E-09	36.281	7.256	1.259E-09	11.415	2.283	3.921E-11	10.105	2.021	2.720E-11	96.385	19.277	2.360E-08	30.413	6.083	7.414E-10	22.394	4.479	2.960E-10
297	17.994	3.599	1.536E-10	23.318	4.664	3.341E-10	28.834	5.767	6.318E-10	32.616	6.523	9.145E-10	101.125	20.225	2.726E-08	27.820	5.564	5.675E-10	26.918	5.384	5.140E-10
298	21.953	4.391	2.788E-10	33.773	6.755	1.015E-09	32.808	6.562	9.308E-10	90.873	18.175	1.978E-08	23.968	4.794	3.629E-10	34.026	6.805	1.038E-09	28.836	5.767	6.320E-10
299	22.196	4.439	2.882E-10	28.508	5.702	6.106E-10	34.600	6.920	1.092E-09	59.051	11.810	5.427E-09	36.667	7.333	1.299E-09	15.507	3.101	9.828E-11	19.238	3.848	1.877E-10
300	24.604	4.921	3.926E-10	28.414	5.683	6.046E-10	26.485	5.297	4.896E-10	28.617	5.723	6.176E-10	53.753	10.751	4.093E-09	36.228	7.246	1.253E-09	32.757	6.551	9.264E-10
301	19.269	3.854	1.886E-10	35.173	7.035	1.147E-09	31.787	6.357	8.465E-10	19.082	3.816	1.831E-10	20.745	4.149	2.353E-10	11.343	2.269	3.846E-11	30.855	6.171	7.742E-10
302	30.906	6.181	7.781E-10	30.707	6.141	7.631E-10	39.160	7.832	1.583E-09	21.600	4.320	2.656E-10	31.350	6.270	8.121E-10	33.164	6.633	9.614E-10	24.032	4.806	3.658E-10
303	34.428	6.886	1.076E-09	21.677	4.335	2.684E-10	10.042	2.008	2.669E-11	32.966	6.593	9.442E-10	23.327	4.665	3.345E-10	39.852	7.970	1.668E-09	34.903	6.981	1.121E-09
304	37.744	7.549	1.417E-09	27.783	5.557	5.652E-10	33.003	6.601	9.474E-10	52.342	10.468	3.780E-09	31.458	6.292	8.205E-10	23.724	4.745	3.519E-10	36.170	7.234	1.247E-09
305	32.308	6.462	8.888E-10	35.875	7.175	1.217E-09	33.674	6.735	1.006E-09	32.249	6.450	8.840E-10	92.480	18.496	2.085E-08	24.903	4.981	4.071E			

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
306	13.029	2.606	5.830E-11	28.757	5.751	6.268E-10	30.552	6.110	7.516E-10	33.972	6.794	1.033E-09	30.174	6.035	7.241E-10	14.645	2.929	8.279E-11	34.205	6.841	1.055E-09
307	31.606	6.321	8.321E-10	16.534	3.307	1.191E-10	35.413	7.083	1.171E-09	31.445	6.289	8.195E-10	15.310	3.062	9.458E-11	35.048	7.010	1.135E-09	26.630	5.326	4.977E-10
308	26.915	5.383	5.139E-10	11.369	2.274	3.873E-11	38.089	7.618	1.456E-09	10.864	2.173	3.380E-11	34.771	6.954	1.108E-09	16.015	3.203	1.083E-10	24.514	4.903	3.883E-10
309	21.051	4.210	2.459E-10	16.149	3.230	1.110E-10	26.607	5.321	4.964E-10	30.300	6.060	7.332E-10	29.288	5.858	6.622E-10	34.078	6.816	1.043E-09	33.941	6.788	1.031E-09
310	14.358	2.872	7.801E-11	28.710	5.742	6.237E-10	30.929	6.186	7.798E-10	85.344	17.069	1.638E-08	87.319	17.464	1.755E-08	11.059	2.212	3.565E-11	34.144	6.829	1.049E-09
311	29.991	5.998	7.110E-10	31.798	6.360	8.474E-10	26.120	5.224	4.697E-10	89.822	17.964	1.910E-08	32.852	6.570	9.345E-10	25.591	5.118	4.417E-10	32.286	6.457	8.870E-10
312	32.740	6.548	9.250E-10	28.274	5.655	5.957E-10	23.438	4.688	3.393E-10	31.816	6.363	8.488E-10	87.436	17.487	1.762E-08	-22.127	0.000	0.000E+00	19.577	3.915	1.978E-10
313	25.372	5.074	4.305E-10	38.129	7.626	1.461E-09	33.242	6.648	9.682E-10	97.057	19.411	2.410E-08	26.877	5.375	5.117E-10	14.084	2.817	7.363E-11	11.131	2.226	3.635E-11
314	31.521	6.304	8.255E-10	33.528	6.706	9.933E-10	37.880	7.576	1.433E-09	23.220	4.644	3.300E-10	33.400	6.680	9.821E-10	25.647	5.129	4.446E-10	26.478	5.296	4.893E-10
315	28.188	5.638	5.903E-10	37.012	7.402	1.336E-09	34.420	6.884	1.075E-09	48.948	9.790	3.091E-09	24.141	4.828	3.708E-10	27.330	5.466	5.381E-10	33.253	6.651	9.691E-10
316	11.406	2.281	3.911E-11	36.761	7.352	1.309E-09	31.265	6.253	8.055E-10	28.106	5.621	5.852E-10	28.353	5.671	6.007E-10	20.745	4.149	2.353E-10	29.062	5.812	6.469E-10
317	29.169	5.834	6.541E-10	24.974	4.995	4.105E-10	24.324	4.865	3.793E-10	32.839	6.568	9.334E-10	50.324	10.065	3.359E-09	31.404	6.281	8.163E-10	30.386	6.077	7.395E-10
318	23.951	4.790	3.621E-10	10.521	2.104	3.070E-11	33.401	6.680	9.821E-10	24.195	4.839	3.733E-10	31.925	6.385	8.576E-10	30.918	6.184	7.790E-10	34.857	6.971	1.116E-09
319	26.335	5.267	4.814E-10	35.122	7.024	1.142E-09	22.861	4.572	3.149E-10	30.950	6.190	7.814E-10	31.095	6.219	7.924E-10	30.138	6.028	7.215E-10	31.825	6.365	8.496E-10
320	19.256	3.851	1.882E-10	17.892	3.578	1.510E-10	35.358	7.072	1.165E-09	36.697	7.339	1.302E-09	22.745	4.549	3.101E-10	30.366	6.073	7.380E-10	31.108	6.222	7.934E-10
321	35.387	7.077	1.168E-09	38.827	7.765	1.543E-09	20.714	4.143	2.343E-10	23.560	4.712	3.447E-10	44.414	8.883	2.309E-09	10.856	2.171	3.372E-11	21.492	4.298	2.616E-10
322	32.513	6.503	9.059E-10	16.645	3.329	1.215E-10	27.777	5.555	5.649E-10	33.068	6.614	9.531E-10	29.786	5.957	6.965E-10	42.081	8.416	1.964E-09	26.904	5.381	5.133E-10
323	11.865	2.373	4.402E-11	35.827	7.165	1.212E-09	24.748	4.950	3.995E-10	33.842	6.768	1.022E-09	32.131	6.426	8.743E-10	22.218	4.444	2.891E-10	42.212	8.442	1.982E-09
324	32.137	6.427	8.748E-10	21.866	4.373	2.756E-10	34.390	6.878	1.072E-09	21.147	4.229	2.493E-10	21.225	4.245	2.520E-10	24.925	4.985	4.081E-10	26.737	5.347	5.038E-10
325	23.216	4.643	3.298E-10	11.389	2.278	3.894E-11	33.957	6.791	1.032E-09	92.605	18.521	2.093E-08	32.403	6.481	8.967E-10	34.550	6.910	1.087E-09	29.041	5.808	6.455E-10
326	10.143	2.029	2.751E-11	16.274	3.255	1.136E-10	32.904	6.581	9.390E-10	25.143	5.029	4.189E-10	30.463	6.093	7.451E-10	26.576	5.315	4.947E-10	11.513	2.303	4.022E-11
327	34.610	6.922	1.093E-09	-24.561	0.000	0.000E+00	26.411	5.282	4.856E-10	32.409	6.482	8.972E-10	24.315	4.863	3.789E-10	31.440	6.288	8.191E-10	39.161	7.832	1.583E-09
328	10.482	2.096	3.036E-11	27.910	5.582	5.730E-10	28.773	5.755	6.278E-10	48.130	9.626	2.939E-09	28.219	5.644	5.923E-10	30.512	6.102	7.487E-10	25.613	5.123	4.429E-10
329	33.370	6.674	9.794E-10	34.629	6.926	1.094E-09	28.260	5.652	5.948E-10	37.672	7.534	1.409E-09	105.423	21.085	3.088E-08	15.306	3.061	9.450E-11	32.812	6.562	9.311E-10
330	24.110	4.822	3.694E-10	10.525	2.105	3.073E-11	25.217	5.043	4.227E-10	13.618	2.724	6.657E-11	34.501	6.900	1.082E-09	17.068	3.414	1.310E-10	10.996	2.199	3.504E-11
331	32.464	6.493	9.018E-10	31.559	6.312	8.284E-10	33.741	6.748	1.012E-09	27.947	5.589	5.753E-10	26.140	5.228	4.708E-10	32.006	6.401	8.642E-10	27.218	5.444	5.315E-10
332	27.889	5.578	5.717E-10	29.229	5.846	6.582E-10	37.073	7.415	1.343E-09	50.667	10.133	3.428E-09	31.337	6.267	8.111E-10	26.567	5.313	4.942E-10	13.140	2.628	5.979E-11
333	32.357	6.471	8.929E-10	28.577	5.715	6.151E-10	32.632	6.526	9.159E-10	20.178	4.036	2.165E-10	10.602	2.120	3.141E-11	16.223	3.245	1.125E-10	35.951	7.190	1.225E-09
334	35.034	7.007	1.133E-09	29.622	5.924	6.851E-10	25.805	5.161	4.529E-10	31.338	6.268	8.112E-10	31.983	6.397	8.622E-10	16.164	3.233	1.113E-10	22.735	4.547	3.097E-10
335	29.133	5.827	6.517E-10	12.169	2.434	4.750E-11	33.364	6.673	9.789E-10	26.019	5.204	4.643E-10	29.145	5.829	6.525E-10	12.306	2.461	4.912E-11	33.512	6.702	9.919E-10
336	24.524	4.905	3.887E-10	23.190	4.638	3.287E-10	26.277	5.255	4.782E-10	28.665	5.733	6.208E-10	47.563	9.513	2.836E-09	35.364	7.073	1.166E-09	32.296	6.459	8.878E-10
337	38.992	7.798	1.563E-09	33.189	6.638	9.635E-10	15.223	3.045	9.298E-11	10.783	2.157	3.305E-11	20.092	4.018	2.138E-10	14.820	2.964	8.578E-11	28.941	5.788	6.389E-10
338	16.920	3.384	1.277E-10	38.322	7.664	1.483E-09	11.714	2.343	4.237E-11	86.129	17.226	1.684E-08	31.676	6.335	8.377E-10	22.311	4.462	2.927E-10	21.823	4.365	2.739E-10
339	32.600	6.520	9.131E-10	29.347	5.869	6.661E-10	20.447	4.089	2.253E-10	27.131	5.426	5.264E-10	25.395	5.079	4.317E-10	33.941	6.788	1.031E-09	34.183	6.837	1.053E-09
340	34.530	6.906	1.085E-09	-22.656	0.000	0.000E+00	30.939	6.188	7.805E-10	10.490	2.098	3.043E-11	37.399	7.480	1.379E-09	30.426	6.085	7.424E-10	24.776	4.955	4.009E-10
341	-23.364	0.000	0.000E+00	25.834	5.167	4.544E-10	19.578	3.916	1.978E-10	20.700	4.140	2.338E-10	11.149	2.230	3.652E-11	17.898	3.580	1.511E-10	25.275	5.055	4.255E-10
342	76.539	15.308	1.182E-08	26.541	5.308	4.928E-10	25.075	5.015	4.155E-10	40.402	8.080	1.738E-09	26.327	5.265	4.809E-10	28.745	5.749	6.260E-10	26.701	5.340	5.018E-10
343	35.728	7.146	1.202E-09	20.855	4.171	2.391E-10	37.169	7.434	1.353E-09	25.563	5.113	4.403E-10	24.683	4.937	3.964E-10	24.222	4.844	3.746E-10	17.209	3.442	1.343E-10
344	28.937	5.787	6.387E-10	27.852	5.570	5.694E-10	27.555	5.511	5.514E-10	28.816	5.763	6.307E-10	32.502	6.500	9.049E-10	32.365	6.473	8.936E-10	30.383	6.077	7.392E-10
345	21.398	4.280	2.582E-10	26.535	5.307	4.924E-10	14.806	2.961	8.554E-11	34.287	6.857	1.062E-09	11.179	2.236	3.682E-11	19.171	3.834	1.857E-10	29.424	5.885	6.714E-10
346	29.978	5.996	7.101E-10	33.806	6.761	1.018E-09	21.305	4.261	2.549E-10	17.322	3.464	1.370E-10	19.088	3.818	1.833E-10	34.463	6.893	1.079E-09	30.565	6.113	7.526E-10
347	30.534	6.107	7.503E-10	29.949	5.990	7.080E-10	28.328	5.666	5.992E-10	24.160	4.832	3.717E-10	13.977	2.795	7.196E-11	28.964	5.793	6.404E-10	33.492	6.698	9.022E-10
348	14.703	2.941	8.377E-11	15.039	3.008	8.964E-11	28.166	5.633	5.889E-10	14.302	2.860	7.710E-11	34.060	6.812	1.041E-09	27.519	5.504	5.493E-10	24.239	4.848	3.753E-10
349	-33.207	0.000	0.000E+00	15.468	3.094	9.753E-11	33.307	6.661	9.738E-10	10.905	2.181	3.418E-11	30.697	6.139	7.624E-10	18.568	3.714	1.687E-10	32.762	6.552	9.268E-10
350	32.489	6.498	9.039E-10	20.984	4.197	2.435E-10	12.925	2.585	5.691E-11	27.366	5.473	5.402E-10	28.215	5.643	5.920E-10	35.767	7.153	1.206E-09	30.169	6.034	

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
351	22.637	4.527	3.057E-10	31.250	6.250	8.044E-10	12.136	2.427	4.711E-11	16.129	3.226	1.106E-10	92.298	18.460	2.072E-08	12.047	2.409	4.608E-11	20.980	4.196	2.434E-10
352	23.878	4.776	3.588E-10	25.650	5.130	4.448E-10	29.318	5.864	6.642E-10	98.786	19.757	2.541E-08	33.388	6.678	9.809E-10	14.903	2.981	8.723E-11	78.692	15.738	1.284E-08
353	24.439	4.888	3.847E-10	19.941	3.988	2.090E-10	24.108	4.822	3.693E-10	26.868	5.374	5.112E-10	33.470	6.694	9.882E-10	28.466	5.693	6.079E-10	11.684	2.337	4.204E-11
354	25.286	5.057	4.261E-10	24.101	4.820	3.690E-10	26.652	5.330	4.990E-10	24.330	4.866	3.796E-10	31.622	6.324	8.334E-10	16.290	3.258	1.139E-10	17.284	3.457	1.361E-10
355	24.078	4.816	3.679E-10	26.145	5.229	4.710E-10	28.980	5.796	6.415E-10	40.192	8.038	1.711E-09	37.345	7.469	1.373E-09	28.707	5.741	6.235E-10	25.842	5.168	4.548E-10
356	31.921	6.384	8.572E-10	36.159	7.232	1.246E-09	23.015	4.603	3.213E-10	30.678	6.136	7.610E-10	10.621	2.124	3.158E-11	22.463	4.493	2.987E-10	23.164	4.633	3.276E-10
357	54.982	10.996	4.381E-09	30.649	6.130	7.588E-10	17.739	3.548	1.471E-10	26.895	5.379	5.127E-10	36.553	7.311	1.287E-09	20.170	4.034	2.163E-10	30.558	6.112	7.521E-10
358	26.637	5.327	4.981E-10	27.702	5.540	5.603E-10	22.655	4.531	3.065E-10	10.646	2.129	3.180E-11	97.288	19.458	2.427E-08	20.968	4.194	2.430E-10	28.663	5.733	6.206E-10
359	22.462	4.492	2.987E-10	17.112	3.422	1.321E-10	33.517	6.703	9.924E-10	35.844	7.169	1.214E-09	86.829	17.366	1.725E-08	15.717	3.143	1.023E-10	23.302	4.660	3.335E-10
360	32.911	6.582	9.396E-10	24.749	4.950	3.995E-10	35.510	7.102	1.180E-09	97.336	19.467	2.431E-08	29.649	5.930	6.869E-10	32.294	6.459	8.877E-10	31.584	6.317	8.304E-10
361	21.680	4.336	2.686E-10	21.540	4.308	2.634E-10	20.671	4.134	2.328E-10	32.818	6.564	9.316E-10	20.168	4.034	2.162E-10	33.465	6.693	9.878E-10	18.101	3.620	1.563E-10
362	23.903	4.781	3.600E-10	31.470	6.294	8.214E-10	34.112	6.822	1.046E-09	30.210	6.042	7.267E-10	21.409	4.282	2.586E-10	26.769	5.354	5.056E-10	11.889	2.378	4.429E-11
363	28.306	5.661	5.977E-10	28.327	5.665	5.991E-10	21.711	4.342	2.697E-10	56.858	11.372	4.845E-09	26.761	5.352	5.051E-10	19.822	3.964	2.053E-10	12.798	2.560	5.525E-11
364	23.659	4.732	3.490E-10	26.235	5.247	4.759E-10	17.016	3.403	1.299E-10	23.737	4.747	3.525E-10	108.196	21.639	3.338E-08	26.934	5.387	5.150E-10	28.787	5.757	6.288E-10
365	28.595	5.719	6.163E-10	29.062	5.812	6.470E-10	23.830	4.766	3.567E-10	28.477	5.695	6.087E-10	35.498	7.100	1.179E-09	36.739	7.348	1.307E-09	26.685	5.337	5.008E-10
366	21.844	4.369	2.747E-10	27.760	5.552	5.639E-10	30.517	6.103	7.490E-10	15.695	3.139	1.019E-10	29.183	5.837	6.551E-10	25.151	5.030	4.193E-10	31.803	6.361	8.478E-10
367	31.091	6.218	7.921E-10	19.263	3.853	1.884E-10	38.297	7.659	1.480E-09	59.921	11.984	5.671E-09	30.442	6.088	7.436E-10	30.133	6.027	7.211E-10	11.496	2.299	4.004E-11
368	35.201	7.040	1.150E-09	27.886	5.577	5.715E-10	27.025	5.405	5.202E-10	95.853	19.171	2.321E-08	25.023	5.005	4.130E-10	26.178	5.236	4.728E-10	31.016	6.203	7.864E-10
369	50.408	10.082	3.376E-09	33.264	6.653	9.701E-10	22.000	4.400	2.807E-10	36.528	7.306	1.285E-09	31.995	6.399	8.632E-10	30.648	6.130	7.588E-10	15.684	3.137	1.017E-10
370	21.923	4.385	2.777E-10	11.368	2.274	3.872E-11	17.080	3.416	1.313E-10	26.208	5.242	4.744E-10	-31.096	0.000	0.000E+00	26.687	5.337	5.009E-10	28.957	5.791	6.400E-10
371	28.692	5.738	6.225E-10	30.767	6.153	7.676E-10	-20.653	0.000	0.000E+00	37.461	7.492	1.386E-09	31.444	6.289	8.194E-10	34.249	6.850	1.059E-09	27.366	5.473	5.401E-10
372	21.381	4.276	2.576E-10	68.569	13.714	8.497E-09	-14.074	0.000	0.000E+00	42.905	8.581	2.082E-09	30.510	6.102	7.486E-10	24.349	4.870	3.805E-10	10.077	2.015	2.697E-11
373	10.653	2.131	3.187E-11	27.859	5.572	5.699E-10	30.981	6.196	7.837E-10	16.729	3.346	1.234E-10	19.009	3.802	1.810E-10	27.414	5.483	5.430E-10	33.477	6.695	9.888E-10
374	22.014	4.403	2.812E-10	19.097	3.819	1.836E-10	34.054	6.811	1.041E-09	31.178	6.236	7.988E-10	21.941	4.388	2.784E-10	56.297	11.259	4.703E-09	24.810	4.962	4.025E-10
375	20.315	4.063	2.210E-10	26.699	5.340	5.016E-10	53.542	10.708	4.045E-09	29.000	5.800	6.428E-10	31.114	6.223	7.939E-10	27.176	5.435	5.290E-10	11.271	2.254	3.773E-11
376	39.192	7.838	1.587E-09	12.187	2.437	4.771E-11	59.534	11.907	5.561E-09	54.701	10.940	4.314E-09	37.116	7.423	1.348E-09	29.320	5.864	6.643E-10	30.774	6.155	7.681E-10
377	37.796	7.559	1.423E-09	26.204	5.241	4.742E-10	33.223	6.645	9.665E-10	37.662	7.532	1.408E-09	45.632	9.126	2.504E-09	23.703	4.741	3.510E-10	27.585	5.517	5.532E-10
378	27.473	5.495	5.465E-10	29.819	5.964	6.988E-10	18.111	3.622	1.566E-10	35.503	7.101	1.179E-09	85.442	17.088	1.644E-08	23.437	4.687	3.393E-10	28.644	5.729	6.194E-10
379	26.717	5.343	5.026E-10	19.127	3.825	1.844E-10	32.900	6.580	9.386E-10	29.702	5.940	6.906E-10	11.811	2.362	4.343E-11	35.013	7.003	1.131E-09	55.698	11.140	4.554E-09
380	11.099	2.220	3.604E-11	26.161	5.232	4.719E-10	35.102	7.020	1.140E-09	33.917	6.783	1.028E-09	92.865	18.573	2.111E-08	22.663	4.533	3.068E-10	31.447	6.289	8.197E-10
381	28.685	5.737	6.221E-10	30.658	6.132	7.595E-10	19.345	3.869	1.908E-10	55.599	11.120	4.530E-09	38.475	7.695	1.501E-09	32.740	6.548	9.250E-10	48.895	9.779	3.081E-09
382	30.062	6.012	7.161E-10	36.441	7.288	1.275E-09	23.612	4.722	3.470E-10	66.744	13.349	7.837E-09	17.824	3.565	1.493E-10	58.782	11.756	5.353E-09	-24.993	0.000	0.000E+00
383	27.152	5.430	5.276E-10	26.129	5.226	4.702E-10	16.881	3.376	1.268E-10	31.463	6.293	8.209E-10	17.432	3.486	1.396E-10	29.719	5.944	6.918E-10	38.477	7.695	1.501E-09
384	24.484	4.897	3.868E-10	33.372	6.674	9.796E-10	29.643	5.929	6.866E-10	84.453	16.891	1.588E-08	57.989	11.598	5.140E-09	12.540	2.508	5.198E-11	25.921	5.184	4.591E-10
385	22.616	4.523	3.049E-10	26.657	5.331	4.993E-10	22.389	4.478	2.958E-10	29.431	5.886	6.719E-10	32.160	6.432	8.766E-10	12.407	2.481	5.034E-11	28.210	5.642	5.917E-10
386	29.524	5.905	6.783E-10	27.127	5.425	5.261E-10	20.213	4.043	2.177E-10	31.008	6.202	7.858E-10	55.813	11.163	4.582E-09	21.585	4.317	2.651E-10	22.823	4.565	3.134E-10
387	30.207	6.041	7.264E-10	26.057	5.211	4.663E-10	51.749	10.350	3.653E-09	17.039	3.408	1.304E-10	27.403	5.481	5.423E-10	33.288	6.658	9.722E-10	31.002	6.200	7.854E-10
388	31.155	6.231	7.970E-10	33.959	6.792	1.032E-09	28.406	5.681	6.041E-10	70.343	14.069	9.174E-09	31.176	6.235	7.986E-10	30.225	6.045	7.278E-10	28.663	5.733	6.207E-10
389	14.222	2.844	7.581E-11	11.612	2.322	4.127E-11	10.743	2.149	3.268E-11	65.712	13.142	7.479E-09	32.955	6.591	9.433E-10	38.018	7.604	1.448E-09	23.353	4.671	3.357E-10
390	37.194	7.439	1.356E-09	16.113	3.223	1.103E-10	13.005	2.601	5.797E-11	21.688	4.338	2.689E-10	36.368	7.274	1.268E-09	20.404	4.081	2.239E-10	29.654	5.931	6.873E-10
391	36.756	7.351	1.309E-09	25.835	5.167	4.545E-10	18.481	3.696	1.664E-10	39.226	7.845	1.591E-09	10.515	2.103	3.064E-11	25.404	5.081	4.321E-10	22.520	4.504	3.010E-10
392	30.445	6.089	7.438E-10	31.263	6.253	8.054E-10	69.946	13.989	9.019E-09	31.172	6.234	7.983E-10	35.369	7.074	1.166E-09	19.729	3.946	2.024E-10	31.262	6.252	8.053E-10
393	31.169	6.234	7.981E-10	15.489	3.098	9.795E-11	31.647	6.329	8.354E-10	28.582	5.716	6.154E-10	28.512	5.702	6.109E-10	29.424	5.885	6.714E-10	26.860	5.372	5.107E-10
394	16.756	3.351	1.240E-10	27.943	5.589	5.751E-10	28.421	5.684	6.051E-10	28.396	5.679	6.035E-10	32.775	6.555	9.279E-10	26.428	5.286	4.865E-10	25.392	5.078	4.315E-10
395	30.438	6.088	7.432E-10	23.842	4.768	3.572E-10	16.026	3.205	1.085E-10	25.796	5.159	4.524E-10	33.533	6.707	9.938E-10	26.932	5.386	5.149E-10	29.318	5.864	6.642E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
396	-17.574	0.000	0.000E+00	32.977	6.595	9.452E-10	28.284	5.657	5.964E-10	23.112	4.622	3.254E-10	32.510	6.502	9.056E-10	32.790	6.558	9.292E-10	33.150	6.630	9.602E-10
397	42.509	8.502	2.025E-09	13.566	2.713	6.580E-11	24.695	4.939	3.969E-10	94.043	18.809	2.192E-08	27.110	5.422	5.251E-10	31.274	6.255	8.062E-10	11.181	2.236	3.684E-11
398	20.125	4.025	2.148E-10	29.352	5.870	6.665E-10	10.896	2.179	3.410E-11	22.031	4.406	2.818E-10	38.932	7.786	1.555E-09	32.201	6.440	8.801E-10	26.908	5.382	5.135E-10
399	30.221	6.044	7.275E-10	16.886	3.377	1.269E-10	55.693	11.139	4.553E-09	39.346	7.869	1.605E-09	16.046	3.209	1.089E-10	28.526	5.705	6.118E-10	14.393	2.879	7.859E-11
400	32.974	6.595	9.450E-10	33.753	6.751	1.014E-09	48.392	9.678	2.987E-09	33.287	6.657	9.721E-10	33.592	6.718	9.991E-10	19.992	3.998	2.106E-10	29.270	5.854	6.609E-10
401	29.892	5.978	7.040E-10	31.556	6.311	8.282E-10	57.816	11.563	5.094E-09	14.307	2.861	7.718E-11	35.547	7.109	1.184E-09	25.439	5.088	4.339E-10	25.703	5.141	4.475E-10
402	23.351	4.670	3.356E-10	22.584	4.517	3.036E-10	32.495	6.499	9.043E-10	81.292	16.258	1.416E-08	32.906	6.581	9.391E-10	58.384	11.677	5.245E-09	41.652	8.330	1.905E-09
403	30.123	6.025	7.204E-10	47.035	9.407	2.742E-09	29.879	5.976	7.030E-10	14.940	2.988	8.790E-11	64.884	12.977	7.200E-09	15.828	3.166	1.045E-10	18.590	3.718	1.693E-10
404	33.146	6.629	9.598E-10	16.483	3.297	1.180E-10	22.355	4.471	2.945E-10	10.614	2.123	3.152E-11	51.211	10.242	3.540E-09	34.614	6.923	1.093E-09	31.891	6.378	8.549E-10
405	28.470	5.694	6.082E-10	31.149	6.230	7.965E-10	29.215	5.843	6.572E-10	29.989	5.998	7.109E-10	13.934	2.787	7.131E-11	25.216	5.043	4.226E-10	50.858	10.172	3.467E-09
406	26.851	5.370	5.102E-10	25.166	5.033	4.201E-10	20.838	4.168	2.385E-10	24.114	4.823	3.696E-10	92.578	18.516	2.091E-08	23.739	4.748	3.526E-10	16.503	3.301	1.185E-10
407	25.440	5.088	4.339E-10	25.430	5.086	4.334E-10	-20.925	0.000	0.000E+00	32.302	6.460	8.883E-10	93.760	18.752	2.172E-08	54.837	10.967	4.346E-09	32.146	6.429	8.755E-10
408	23.389	4.678	3.372E-10	28.991	5.798	6.422E-10	28.355	5.671	6.009E-10	10.319	2.064	2.896E-11	33.957	6.791	1.032E-09	29.864	5.973	7.020E-10	10.888	2.178	3.402E-11
409	31.096	6.219	7.925E-10	25.149	5.030	4.192E-10	19.678	3.936	2.008E-10	20.851	4.170	2.389E-10	26.332	5.266	4.812E-10	19.143	3.829	1.849E-10	19.755	3.951	2.032E-10
410	28.345	5.669	6.002E-10	29.885	5.977	7.035E-10	29.258	5.852	6.601E-10	26.282	5.256	4.785E-10	26.389	5.278	4.844E-10	77.817	15.563	1.242E-08	26.200	5.240	4.740E-10
411	24.706	4.941	3.975E-10	23.788	4.758	3.548E-10	28.579	5.716	6.152E-10	28.214	5.643	5.919E-10	12.872	2.574	5.622E-11	28.417	5.683	6.048E-10	24.836	4.967	4.038E-10
412	24.779	4.956	4.010E-10	30.952	6.190	7.816E-10	32.313	6.463	8.892E-10	24.529	4.906	3.890E-10	34.985	6.997	1.129E-09	10.356	2.071	2.927E-11	24.371	4.874	3.815E-10
413	28.615	5.723	6.175E-10	10.806	2.161	3.326E-11	53.681	10.736	4.077E-09	23.876	4.775	3.587E-10	30.565	6.113	7.526E-10	97.693	19.539	2.457E-08	27.026	5.405	5.203E-10
414	27.681	5.536	5.591E-10	34.225	6.845	1.057E-09	29.146	5.829	6.526E-10	26.201	5.240	4.741E-10	14.182	2.836	7.517E-11	-19.408	0.000	0.000E+00	-21.048	0.000	0.000E+00
415	30.980	6.196	7.836E-10	35.098	7.020	1.140E-09	25.879	5.176	4.568E-10	47.262	9.452	2.782E-09	21.714	4.343	2.699E-10	83.833	16.767	1.553E-08	30.879	6.176	7.760E-10
416	34.394	6.879	1.072E-09	35.881	7.176	1.218E-09	71.645	14.329	9.693E-09	32.792	6.558	9.294E-10	19.779	3.956	2.039E-10	24.434	4.887	3.845E-10	24.738	4.948	3.990E-10
417	29.310	5.862	6.637E-10	36.374	7.275	1.268E-09	13.999	2.800	7.231E-11	30.809	6.162	7.708E-10	27.876	5.575	5.709E-10	33.152	6.630	9.603E-10	23.757	4.751	3.534E-10
418	23.660	4.732	3.491E-10	26.250	5.250	4.767E-10	31.688	6.338	8.386E-10	25.814	5.163	4.534E-10	34.566	6.913	1.089E-09	87.899	17.580	1.790E-08	11.872	2.374	4.410E-11
419	27.039	5.408	5.210E-10	17.339	3.468	1.374E-10	24.120	4.824	3.698E-10	23.762	4.752	3.536E-10	71.599	14.320	9.674E-09	32.545	6.509	9.086E-10	27.715	5.543	5.611E-10
420	97.300	19.460	2.428E-08	16.772	3.354	1.244E-10	20.428	4.086	2.247E-10	19.913	3.983	2.081E-10	35.005	7.001	1.131E-09	33.379	6.676	9.802E-10	40.215	8.043	1.714E-09
421	31.940	6.388	8.588E-10	29.095	5.819	6.491E-10	30.278	6.056	7.316E-10	33.908	6.782	1.028E-09	33.969	6.794	1.033E-09	24.929	4.986	4.083E-10	23.707	4.741	3.512E-10
422	56.840	11.368	4.840E-09	30.894	6.179	7.772E-10	34.279	6.856	1.062E-09	89.377	17.875	1.882E-08	33.368	6.674	9.792E-10	25.565	5.113	4.404E-10	18.636	3.727	1.706E-10
423	50.447	10.089	3.384E-09	21.907	4.381	2.771E-10	21.950	4.390	2.787E-10	41.228	8.246	1.847E-09	20.052	4.010	2.125E-10	122.800	24.560	4.881E-08	23.780	4.756	3.544E-10
424	53.498	10.700	4.036E-09	15.124	3.025	9.118E-11	28.173	5.635	5.893E-10	25.399	5.080	4.318E-10	51.842	10.368	3.672E-09	24.646	4.929	3.946E-10	24.858	4.972	4.048E-10
425	23.722	4.744	3.518E-10	28.811	5.762	6.304E-10	38.477	7.695	1.501E-09	113.985	22.797	3.903E-08	27.204	5.441	5.306E-10	26.378	5.276	4.837E-10	20.580	4.116	2.297E-10
426	33.799	6.760	1.018E-09	23.906	4.781	3.601E-10	55.643	11.129	4.541E-09	74.921	14.984	1.108E-08	45.105	9.021	2.419E-09	32.784	6.557	9.287E-10	29.436	5.887	6.723E-10
427	32.888	6.578	9.376E-10	13.012	2.602	5.806E-11	80.386	16.077	1.369E-08	35.456	7.091	1.175E-09	16.293	3.259	1.140E-10	35.681	7.136	1.197E-09	37.369	7.474	1.375E-09
428	55.274	11.055	4.451E-09	33.577	6.715	9.977E-10	26.371	5.274	4.833E-10	24.861	4.972	4.050E-10	159.276	31.855	1.065E-07	65.158	13.032	7.291E-09	92.977	18.595	2.118E-08
429	29.690	5.938	6.898E-10	23.560	4.712	3.447E-10	33.795	6.759	1.017E-09	63.106	12.621	6.624E-09	22.648	4.530	3.062E-10	32.488	6.498	9.038E-10	37.001	7.400	1.335E-09
430	23.330	4.666	3.347E-10	14.529	2.906	8.083E-11	25.670	5.134	4.458E-10	21.257	4.251	2.532E-10	34.949	6.990	1.125E-09	32.581	6.516	9.116E-10	25.411	5.082	4.325E-10
431	25.493	5.099	4.366E-10	22.719	4.544	3.091E-10	55.254	11.051	4.446E-09	61.835	12.367	6.231E-09	29.211	5.842	6.569E-10	88.857	17.771	1.849E-08	20.164	4.033	2.161E-10
432	34.082	6.816	1.043E-09	29.164	5.833	6.538E-10	20.512	4.102	2.275E-10	92.177	18.435	2.064E-08	20.216	4.043	2.178E-10	31.164	6.233	7.978E-10	34.139	6.828	1.049E-09
433	28.835	5.767	6.319E-10	24.101	4.820	3.690E-10	40.005	8.001	1.687E-09	28.661	5.732	6.205E-10	23.134	4.627	3.263E-10	61.657	12.331	6.178E-09	37.217	7.443	1.359E-09
434	36.919	7.384	1.326E-09	22.644	4.529	3.060E-10	29.065	5.813	6.471E-10	26.022	5.204	4.644E-10	94.422	18.884	2.219E-08	31.365	6.273	8.133E-10	68.811	13.762	8.588E-09
435	52.237	10.447	3.757E-09	12.110	2.422	4.681E-11	54.368	10.874	4.236E-09	12.048	2.410	4.609E-11	10.611	2.122	3.149E-11	55.913	11.183	4.607E-09	25.669	5.134	4.458E-10
436	55.939	11.188	4.613E-09	19.215	3.843	1.870E-10	93.539	18.708	2.157E-08	62.599	12.510	6.450E-09	53.210	10.642	3.971E-09	29.622	5.924	6.851E-10	19.575	3.915	1.977E-10
437	37.304	7.461	1.368E-09	25.463	5.093	4.531E-10	26.428	5.286	4.865E-10	25.794	5.159	4.523E-10	30.923	6.185	7.794E-10	29.884	5.977	6.178E-10	38.438	7.688	1.497E-09
438	11.481	2.296	3.989E-11	18.544	3.709	1.681E-10	28.660	5.732	6.205E-10	31.445	6.289	8.195E-10	38.188	7.638	1.468E-09	26.022	5.204	4.644E-10	33.410	6.682	9.829E-10
439	28.409	5.682	6.043E-10	28.938	5.788	6.387E-10	27.955	5.591	5.758E-10	61.228	12.246	6.050E-09	12.128	2.426	4.702E-11	16.899	3.380	1.272E-10	28.315	5.663	5.983E-10
440	22.491	4.498	2.998E-10	22.284	4.457	2.917E-10	50.212	10.042	3.337E-09	56.798	11.360	4.829E-09	24.479	4.896	3.866E-10						

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
441	27.249	5.450	5.333E-10	12.807	2.561	5.537E-11	32.118	6.424	8.732E-10	34.299	6.860	1.063E-09	33.013	6.603	9.483E-10	27.023	5.405	5.201E-10	16.638	3.328	1.214E-10
442	27.984	5.597	5.776E-10	69.320	13.864	8.779E-09	26.524	5.305	4.918E-10	30.997	6.199	7.850E-10	28.249	5.650	5.942E-10	34.042	6.808	1.040E-09	30.182	6.036	7.247E-10
443	32.328	6.466	8.905E-10	15.625	3.125	1.005E-10	25.019	5.004	4.128E-10	26.278	5.256	4.783E-10	10.006	2.001	2.640E-11	32.626	6.525	9.153E-10	21.053	4.211	2.459E-10
444	62.527	12.505	6.443E-09	35.634	7.127	1.193E-09	24.314	4.863	3.788E-10	28.938	5.788	6.387E-10	29.205	5.841	6.565E-10	33.553	6.711	9.956E-10	21.770	4.354	2.719E-10
445	26.779	5.356	5.062E-10	32.840	6.568	9.335E-10	28.577	5.715	6.151E-10	54.665	10.933	4.305E-09	12.241	2.448	4.835E-11	23.625	4.725	3.475E-10	31.878	6.376	8.538E-10
446	56.232	11.246	4.686E-09	30.823	6.165	7.718E-10	56.859	11.372	4.845E-09	30.928	6.186	7.798E-10	32.201	6.440	8.800E-10	19.644	3.929	1.998E-10	18.558	3.712	1.684E-10
447	26.905	5.381	5.133E-10	33.960	6.792	1.032E-09	15.984	3.197	1.076E-10	10.325	2.065	2.901E-11	12.554	2.511	5.215E-11	30.984	6.197	7.840E-10	25.920	5.184	4.590E-10
448	30.001	6.000	7.117E-10	63.243	12.649	6.667E-09	20.376	4.075	2.230E-10	49.745	9.949	3.244E-09	33.104	6.621	9.562E-10	33.803	6.761	1.018E-09	24.291	4.858	3.777E-10
449	31.783	6.357	8.462E-10	31.074	6.215	7.908E-10	11.491	2.298	3.999E-11	27.029	5.406	5.204E-10	99.240	19.848	2.576E-08	10.309	2.062	2.887E-11	22.775	4.555	3.114E-10
450	16.974	3.395	1.289E-10	58.708	11.742	5.333E-09	25.437	5.087	4.338E-10	56.596	11.319	4.778E-09	10.701	2.140	3.230E-11	24.849	4.970	4.044E-10	23.315	4.663	3.340E-10
451	29.661	5.932	6.878E-10	87.703	17.541	1.778E-08	25.692	5.138	4.470E-10	29.252	5.850	6.597E-10	48.996	9.799	3.100E-09	23.542	4.708	3.439E-10	26.948	5.390	5.158E-10
452	26.507	5.301	4.909E-10	24.815	4.963	4.027E-10	57.043	11.409	4.892E-09	36.514	7.303	1.283E-09	34.102	6.820	1.045E-09	32.574	6.515	9.109E-10	13.900	2.780	7.078E-11
453	141.597	28.319	7.483E-08	91.756	18.351	2.036E-08	56.019	11.204	4.633E-09	37.600	7.520	1.401E-09	29.273	5.855	6.611E-10	29.359	5.872	6.670E-10	27.527	5.505	5.498E-10
454	87.225	17.445	1.749E-08	29.054	5.811	6.464E-10	26.688	5.338	5.010E-10	22.363	4.473	2.948E-10	27.294	5.459	5.359E-10	22.499	4.500	3.002E-10	32.323	6.465	8.901E-10
455	61.588	12.318	6.157E-09	121.755	24.351	4.757E-08	96.568	19.314	2.374E-08	28.048	5.610	5.816E-10	10.106	2.021	2.720E-11	32.464	6.493	9.017E-10	30.865	6.173	7.750E-10
456	57.722	11.544	5.069E-09	-17.220	0.000	0.000E+00	30.527	6.105	7.498E-10	89.509	17.902	1.890E-08	11.099	2.220	3.603E-11	23.852	4.770	3.577E-10	28.588	5.718	6.158E-10
457	30.702	6.140	7.628E-10	28.568	5.714	6.145E-10	37.557	7.511	1.396E-09	25.118	5.024	4.177E-10	92.309	18.462	2.073E-08	29.431	5.886	6.719E-10	91.209	18.242	2.000E-08
458	29.457	5.891	6.737E-10	83.128	16.626	1.514E-08	51.249	10.250	3.548E-09	26.197	5.239	4.739E-10	26.299	5.260	4.794E-10	27.310	5.462	5.369E-10	19.882	3.976	2.071E-10
459	22.789	4.558	3.119E-10	26.817	5.363	5.083E-10	33.369	6.674	9.793E-10	15.114	3.023	9.101E-11	31.894	6.379	8.551E-10	27.424	5.485	5.436E-10	38.357	7.671	1.487E-09
460	30.766	6.153	7.676E-10	30.724	6.145	7.644E-10	26.555	5.311	4.935E-10	72.698	14.540	1.013E-08	-22.496	0.000	0.000E+00	56.477	11.295	4.748E-09	28.087	5.617	5.840E-10
461	19.876	3.975	2.069E-10	24.649	4.930	3.947E-10	31.338	6.268	8.112E-10	22.045	4.409	2.824E-10	90.438	18.088	1.950E-08	23.911	4.782	3.603E-10	29.179	5.836	6.548E-10
462	29.641	5.928	6.864E-10	44.878	8.976	2.382E-09	34.267	6.853	1.061E-09	32.917	6.583	9.400E-10	14.920	2.984	8.754E-11	19.357	3.871	1.912E-10	53.728	10.746	4.088E-09
463	29.419	5.884	6.711E-10	15.079	3.016	9.037E-11	29.922	5.984	7.061E-10	29.251	5.850	6.596E-10	27.473	5.495	5.465E-10	30.879	6.176	7.761E-10	60.777	12.155	5.917E-09
464	29.579	5.916	6.821E-10	54.422	10.884	4.248E-09	10.436	2.087	2.996E-11	54.700	10.940	4.314E-09	26.545	5.309	4.930E-10	19.295	3.859	1.893E-10	25.340	5.068	4.288E-10
465	28.365	5.673	6.015E-10	91.958	18.392	2.050E-08	24.916	4.983	4.077E-10	17.968	3.594	1.529E-10	48.249	9.650	2.960E-09	28.422	5.684	6.051E-10	11.191	2.238	3.694E-11
466	16.308	3.262	1.143E-10	19.413	3.883	1.928E-10	10.851	2.170	3.368E-11	97.024	19.405	2.407E-08	10.152	2.030	2.758E-11	90.451	18.090	1.950E-08	62.769	12.554	6.518E-09
467	53.495	10.699	4.035E-09	29.327	5.865	6.648E-10	26.968	5.394	5.169E-10	27.745	5.549	5.629E-10	10.774	2.155	3.296E-11	24.925	4.985	4.081E-10	33.052	6.610	9.517E-10
468	25.988	5.198	4.626E-10	25.883	5.177	4.570E-10	12.785	2.557	5.508E-11	31.266	6.253	8.056E-10	81.104	16.221	1.406E-08	20.335	4.067	2.216E-10	31.215	6.243	8.016E-10
469	28.294	5.659	5.970E-10	22.799	4.560	3.123E-10	26.083	5.217	4.677E-10	30.466	6.093	7.453E-10	28.140	5.628	5.873E-10	24.454	4.891	3.854E-10	69.431	13.886	8.822E-09
470	79.500	15.900	1.324E-08	54.336	10.867	4.228E-09	33.114	6.623	9.570E-10	94.275	18.855	2.208E-08	-20.207	0.000	0.000E+00	20.584	4.117	2.299E-10	25.802	5.160	4.527E-10
471	28.706	5.741	6.234E-10	88.763	17.753	1.843E-08	33.926	6.785	1.029E-09	25.203	5.041	4.219E-10	63.765	12.753	6.834E-09	31.628	6.326	8.339E-10	27.829	5.566	5.680E-10
472	75.056	15.011	1.114E-08	58.432	11.686	5.258E-09	58.972	11.794	5.405E-09	14.295	2.859	7.699E-11	19.030	3.806	1.816E-10	32.510	6.502	9.056E-10	27.257	5.451	5.337E-10
473	50.164	10.033	3.327E-09	77.925	15.585	1.247E-08	21.121	4.224	2.483E-10	28.688	5.738	6.223E-10	89.001	17.800	1.858E-08	29.557	5.911	6.806E-10	29.441	5.888	6.726E-10
474	26.450	5.290	4.877E-10	28.344	5.669	6.002E-10	57.921	11.584	5.121E-09	35.300	7.060	1.159E-09	23.382	4.676	3.369E-10	11.045	2.209	3.552E-11	35.042	7.008	1.134E-09
475	30.171	6.034	7.239E-10	60.351	12.070	5.793E-09	27.611	5.522	5.548E-10	61.654	12.331	6.177E-09	-16.368	0.000	0.000E+00	14.172	2.834	7.502E-11	40.505	8.101	1.752E-09
476	55.594	11.119	4.529E-09	87.641	17.528	1.774E-08	25.531	5.106	4.386E-10	25.617	5.123	4.430E-10	29.845	5.969	7.006E-10	29.256	5.851	6.600E-10	26.674	5.335	5.002E-10
477	23.895	4.779	3.596E-10	10.093	2.019	2.710E-11	91.959	18.392	2.050E-08	29.572	5.914	6.816E-10	36.206	7.241	1.251E-09	34.831	6.966	1.114E-09	66.215	13.243	7.652E-09
478	54.178	10.836	4.191E-09	54.174	10.835	4.191E-09	24.597	4.919	3.922E-10	58.621	11.724	5.309E-09	25.834	5.167	4.544E-10	160.097	32.019	1.082E-07	11.894	2.379	4.435E-11
479	27.400	5.480	5.422E-10	21.556	4.311	2.640E-10	27.789	5.558	5.656E-10	65.735	13.147	7.486E-09	27.851	5.570	5.694E-10	25.082	5.016	4.159E-10	25.613	5.123	4.429E-10
480	21.346	4.269	2.564E-10	33.563	6.713	9.965E-10	22.529	4.506	3.014E-10	59.312	11.862	5.499E-09	31.291	6.258	8.075E-10	35.723	7.145	1.202E-09	29.672	5.934	6.886E-10
481	37.001	7.400	1.335E-09	85.584	17.117	1.652E-08	30.236	6.047	7.285E-10	29.919	5.984	7.059E-10	25.649	5.130	4.448E-10	24.623	4.925	3.935E-10	54.892	10.978	4.359E-09
482	33.810	6.762	1.019E-09	88.277	17.655	1.813E-08	61.042	12.208	5.995E-09	93.434	18.687	2.150E-08	52.610	10.522	3.838E-09	10.386	2.077	2.953E-11	66.663	13.333	7.808E-09
483	27.945	5.589	5.752E-10	33.486	6.697	9.897E-10	33.156	6.631	9.607E-10	80.241	16.048	1.362E-08	87.573	17.515	1.770E-08	59.518	11.904	5.557E-09	23.508	4.702	3.424E-10
484	36.617	7.323	1.294E-09	27.770	5.554	5.644E-10	27.145	5.429	5.272E-10	30.990	6.198	7.845E-10	13.101	2.620	5.927E-11	23.863	4.773	3.582E-10	27.220	5.444	5.316E-10
485	11.845	2.369	4.381E-11	56.598	11.320	4.779E-09	33.165	6.633	9.615E-10	28.583	5.717	6.155E-10	26.116	5.223	4.695						

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
486	35.769	7.154	1.206E-09	25.254	5.051	4.245E-10	27.560	5.512	5.517E-10	19.839	3.968	2.058E-10	39.028	7.806	1.567E-09	29.900	5.980	7.046E-10	30.811	6.162	7.709E-10
487	18.301	3.660	1.615E-10	63.015	12.603	6.595E-09	31.758	6.352	8.442E-10	92.975	18.595	2.118E-08	32.522	6.504	9.066E-10	32.385	6.477	8.952E-10	28.687	5.737	6.222E-10
488	84.019	16.804	1.563E-08	59.885	11.977	5.660E-09	24.802	4.960	4.021E-10	25.139	5.028	4.187E-10	25.202	5.040	4.219E-10	23.802	4.760	3.554E-10	32.637	6.527	9.162E-10
489	105.081	21.016	3.058E-08	26.897	5.379	5.128E-10	63.737	12.747	6.824E-09	64.609	12.922	7.108E-09	28.653	5.731	6.200E-10	11.305	2.261	3.808E-11	10.406	2.081	2.970E-11
490	13.988	2.798	7.213E-11	28.367	5.673	6.016E-10	30.001	6.000	7.117E-10	21.873	4.375	2.758E-10	29.224	5.845	6.578E-10	13.169	2.634	6.019E-11	18.216	3.643	1.593E-10
491	53.619	10.724	4.063E-09	27.466	5.493	5.461E-10	52.600	10.520	3.836E-09	26.064	5.213	4.667E-10	58.521	11.704	5.282E-09	33.032	6.606	9.499E-10	34.712	6.942	1.102E-09
492	47.874	9.575	2.892E-09	36.424	7.285	1.274E-09	30.091	6.018	7.182E-10	12.406	2.481	5.033E-11	94.436	18.887	2.220E-08	31.421	6.284	8.176E-10	27.778	5.556	5.649E-10
493	24.606	4.921	3.927E-10	55.689	11.138	4.552E-09	28.679	5.736	6.217E-10	31.882	6.376	8.541E-10	95.307	19.061	2.282E-08	53.775	10.755	4.099E-09	32.702	6.540	9.218E-10
494	11.001	2.200	3.509E-11	34.299	6.860	1.063E-09	30.974	6.195	7.832E-10	56.046	11.209	4.640E-09	28.127	5.625	5.865E-10	28.366	5.673	6.016E-10	29.542	5.908	6.795E-10
495	20.117	4.023	2.146E-10	36.424	7.285	1.274E-09	32.450	6.490	9.006E-10	53.462	10.692	4.027E-09	42.482	8.496	2.021E-09	28.958	5.792	6.401E-10	86.321	17.264	1.695E-08
496	21.741	4.348	2.708E-10	22.217	4.443	2.890E-10	43.733	8.747	2.204E-09	25.635	5.127	4.440E-10	28.404	5.681	6.040E-10	61.441	12.288	6.113E-09	-37.032	0.000	0.000E+00
497	14.034	2.807	7.286E-11	24.132	4.826	3.704E-10	26.522	5.304	4.917E-10	34.976	6.995	1.128E-09	11.334	2.267	3.837E-11	28.498	5.700	6.100E-10	57.413	11.483	4.988E-09
498	28.333	5.667	5.995E-10	28.388	5.678	6.030E-10	-17.250	0.000	0.000E+00	10.039	2.008	2.667E-11	30.831	6.166	7.724E-10	37.718	7.544	1.414E-09	27.492	5.498	5.476E-10
499	31.695	6.339	8.392E-10	28.438	5.688	6.062E-10	51.112	10.222	3.519E-09	18.273	3.655	1.608E-10	26.386	5.277	4.842E-10	29.627	5.925	6.854E-10	27.577	5.515	5.528E-10
500	10.592	2.118	3.132E-11	32.579	6.516	9.114E-10	62.581	12.516	6.460E-09	27.619	5.524	5.553E-10	32.150	6.430	8.759E-10	24.878	4.976	4.058E-10	32.582	6.516	9.116E-10
501	29.107	5.821	6.499E-10	54.520	10.904	4.271E-09	58.527	11.705	5.284E-09	59.759	11.952	5.625E-09	16.130	3.226	1.106E-10	31.481	6.296	8.223E-10	50.994	10.199	3.495E-09
502	16.579	3.316	1.201E-10	74.189	14.838	1.076E-08	14.278	2.856	7.671E-11	16.389	3.278	1.160E-10	34.301	6.860	1.064E-09	31.934	6.387	8.583E-10	18.642	3.728	1.707E-10
503	42.093	8.419	1.966E-09	23.068	4.614	3.235E-10	29.340	5.868	6.657E-10	57.279	11.456	4.953E-09	15.698	3.140	1.020E-10	29.220	5.844	6.576E-10	54.563	10.913	4.282E-09
504	23.739	4.748	3.526E-10	42.451	8.490	2.016E-09	24.709	4.942	3.976E-10	19.543	3.909	1.967E-10	11.157	2.231	3.660E-11	43.211	8.642	2.127E-09	-14.724	0.000	0.000E+00
505	17.853	3.571	1.500E-10	33.506	6.701	9.914E-10	27.376	5.475	5.408E-10	34.962	6.992	1.126E-09	29.528	5.906	6.786E-10	32.639	6.528	9.164E-10	58.143	11.629	5.181E-09
506	13.605	2.721	6.637E-11	25.191	5.038	4.213E-10	-25.115	0.000	0.000E+00	30.339	6.068	7.361E-10	39.106	7.821	1.576E-09	27.303	5.461	5.364E-10	13.940	2.788	7.140E-11
507	24.107	4.821	3.692E-10	26.972	5.394	5.172E-10	25.318	5.064	4.278E-10	28.708	5.742	6.236E-10	12.398	2.480	5.023E-11	31.158	6.232	7.973E-10	18.101	3.620	1.563E-10
508	32.107	6.421	8.723E-10	36.854	7.371	1.319E-09	56.038	11.208	4.638E-09	33.126	6.625	9.580E-10	35.311	7.062	1.160E-09	30.267	6.053	7.308E-10	25.246	5.049	4.241E-10
509	34.789	6.958	1.110E-09	13.859	2.772	7.016E-11	25.385	5.077	4.312E-10	21.378	4.276	2.575E-10	26.440	5.288	4.872E-10	-15.883	0.000	0.000E+00	25.891	5.178	4.575E-10
510	62.321	12.464	6.380E-09	92.640	18.528	2.095E-08	19.857	3.971	2.064E-10	54.800	10.960	4.337E-09	22.566	4.513	3.029E-10	58.343	11.669	5.234E-09	56.958	11.392	4.870E-09
511	29.798	5.960	6.973E-10	30.628	6.126	7.573E-10	29.897	5.979	7.044E-10	26.622	5.324	4.973E-10	19.605	3.921	1.986E-10	28.026	5.605	5.802E-10	162.595	32.519	1.133E-07
512	23.893	4.779	3.595E-10	26.720	5.344	5.028E-10	94.964	18.993	2.257E-08	25.874	5.175	4.566E-10	96.917	19.383	2.399E-08	10.712	2.142	3.240E-11	25.353	5.071	4.295E-10
513	28.628	5.726	6.184E-10	21.415	4.283	2.589E-10	10.267	2.053	2.852E-11	26.225	5.245	4.754E-10	-14.901	0.000	0.000E+00	29.545	5.909	6.797E-10	25.528	5.106	4.385E-10
514	29.392	5.878	6.692E-10	90.217	18.043	1.935E-08	28.832	5.766	6.317E-10	24.401	4.880	3.829E-10	25.650	5.130	4.448E-10	-16.557	0.000	0.000E+00	23.123	4.625	3.258E-10
515	21.011	4.202	2.445E-10	29.411	5.882	6.705E-10	35.711	7.142	1.200E-09	11.194	2.239	3.697E-11	21.708	4.342	2.696E-10	37.848	7.570	1.429E-09	11.877	2.375	4.416E-11
516	33.453	6.691	9.867E-10	12.288	2.458	4.890E-11	29.376	5.875	6.681E-10	22.156	4.431	2.867E-10	29.291	5.858	6.623E-10	19.195	3.839	1.864E-10	26.616	5.323	4.969E-10
517	-25.122	0.000	0.000E+00	31.382	6.276	8.146E-10	53.136	10.627	3.954E-09	29.483	5.897	6.755E-10	23.740	4.748	3.526E-10	50.542	10.108	3.403E-09	50.028	10.006	3.300E-09
518	30.617	6.123	7.564E-10	10.527	2.105	3.074E-11	26.124	5.225	4.699E-10	54.346	10.869	4.231E-09	25.841	5.168	4.548E-10	33.613	6.723	1.001E-09	15.792	3.158	1.038E-10
519	52.919	10.584	3.906E-09	34.973	6.995	1.127E-09	22.045	4.409	2.824E-10	22.762	4.552	3.108E-10	13.723	2.745	6.811E-11	29.836	5.967	7.000E-10	60.384	12.077	5.803E-09
520	29.583	5.917	6.824E-10	28.409	5.682	6.043E-10	27.631	5.526	5.560E-10	27.827	5.565	5.679E-10	78.935	15.787	1.296E-08	92.211	18.442	2.067E-08	29.287	5.857	6.621E-10
521	23.317	4.663	3.341E-10	17.143	3.429	1.328E-10	29.674	5.935	6.887E-10	49.659	9.932	3.228E-09	96.653	19.331	2.380E-08	33.075	6.615	9.536E-10	54.782	10.956	4.333E-09
522	29.873	5.975	7.027E-10	26.577	5.315	4.948E-10	56.384	11.277	4.725E-09	56.497	11.299	4.753E-09	38.195	7.639	1.469E-09	27.787	5.557	5.655E-10	27.863	5.573	5.701E-10
523	31.054	6.211	7.893E-10	17.223	3.445	1.346E-10	25.076	5.015	4.156E-10	89.956	17.991	1.919E-08	21.983	4.397	2.800E-10	30.850	6.170	7.739E-10	62.145	12.429	6.326E-09
524	27.643	5.529	5.567E-10	16.339	3.268	1.150E-10	58.992	11.798	5.411E-09	28.510	5.702	6.108E-10	33.871	6.774	1.024E-09	29.314	5.863	6.639E-10	27.127	5.425	5.261E-10
525	29.808	5.962	6.980E-10	91.274	18.255	2.004E-08	44.194	8.839	2.275E-09	28.965	5.793	6.405E-10	28.975	5.795	6.412E-10	30.724	6.145	7.644E-10	27.736	5.547	5.624E-10
526	27.213	5.443	5.312E-10	22.612	4.522	3.047E-10	12.283	2.457	4.884E-11	79.870	15.974	1.343E-08	35.409	7.082	1.170E-09	24.283	4.857	3.774E-10	18.175	3.635	1.582E-10
527	26.061	5.212	4.665E-10	29.655	5.931	6.874E-10	26.610	5.322	4.966E-10	56.253	11.251	4.692E-09	51.892	10.378	3.683E-09	26.294	5.259	4.791E-10	26.901	5.380	5.131E-10
528	94.305	18.861	2.210E-08	19.210	3.842	1.868E-10	23.082	4.616	3.241E-10	24.943	4.989	4.090E-10	26.059	5.212	4.664E-10	30.320	6.064	7.346E-10	28.996	5.799	6.426E-10
529	41.333	8.267	1.861E-09	26.851	5.370	5.103E-10	27.626	5.525	5.557E-10	62.153	12.431	6.328E-09	89.736	17.947	1.905E-08	10.464	2.093	3.020E-11	29.173	5.835	6.544E-10
530	30.665	6.133	7.600E-10	27.157	5.431	5.279E-10	32.526	6.505	9.070E-10	30.706	6.141	7.631E-10	25.936	5.187							

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
531	29.071	5.814	6.476E-10	25.639	5.128	4.442E-10	10.767	2.153	3.290E-11	24.040	4.808	3.662E-10	96.463	19.293	2.366E-08	33.714	6.743	1.010E-09	23.879	4.776	3.589E-10
532	34.356	6.871	1.069E-09	46.474	9.295	2.646E-09	14.864	2.973	8.656E-11	30.931	6.186	7.800E-10	23.331	4.666	3.347E-10	12.633	2.527	5.314E-11	75.631	15.126	1.140E-08
533	67.990	13.598	8.284E-09	36.320	7.264	1.263E-09	59.346	11.869	5.509E-09	26.459	5.292	4.882E-10	27.684	5.537	5.592E-10	85.840	17.168	1.667E-08	31.726	6.345	8.416E-10
534	26.286	5.257	4.787E-10	58.969	11.794	5.404E-09	95.454	19.091	2.292E-08	56.178	11.236	4.673E-09	25.214	5.043	4.225E-10	17.364	3.473	1.380E-10	-33.401	0.000	0.000E+00
535	32.510	6.502	9.056E-10	89.152	17.830	1.868E-08	29.511	5.902	6.774E-10	-20.023	0.000	0.000E+00	31.078	6.216	7.911E-10	-20.348	0.000	0.000E+00	35.834	7.167	1.213E-09
536	27.531	5.506	5.500E-10	30.896	6.179	7.773E-10	100.074	20.015	2.642E-08	71.156	14.231	9.495E-09	66.636	13.327	7.799E-09	33.999	6.800	1.036E-09	16.363	3.273	1.155E-10
537	98.267	19.653	2.501E-08	19.910	3.982	2.080E-10	33.165	6.633	9.614E-10	28.980	5.782	6.367E-10	31.918	6.384	8.570E-10	36.066	7.213	1.236E-09	37.373	7.475	1.376E-09
538	27.149	5.430	5.274E-10	23.846	4.769	3.574E-10	30.931	6.186	7.799E-10	24.344	4.869	3.803E-10	65.121	13.024	7.279E-09	10.224	2.045	2.817E-11	27.759	5.552	5.638E-10
539	23.729	4.746	3.522E-10	32.231	6.446	8.825E-10	26.424	5.285	4.863E-10	26.760	5.352	5.050E-10	31.077	6.215	7.910E-10	-27.387	0.000	0.000E+00	61.353	12.271	6.087E-09
540	17.024	3.405	1.300E-10	78.286	15.657	1.265E-08	11.884	2.377	4.424E-11	24.312	4.862	3.787E-10	27.242	5.448	5.328E-10	31.988	6.398	8.627E-10	59.726	11.945	5.615E-09
541	34.460	6.892	1.079E-09	27.701	5.540	5.602E-10	-32.932	0.000	0.000E+00	15.152	3.030	9.169E-11	164.121	32.824	1.165E-07	51.225	10.245	3.543E-09	27.568	5.514	5.522E-10
542	31.821	6.364	8.493E-10	50.060	10.012	3.306E-09	10.765	2.153	3.288E-11	32.097	6.419	8.715E-10	27.071	5.414	5.229E-10	26.998	5.400	5.187E-10	93.168	18.634	2.132E-08
543	66.331	13.266	7.692E-09	25.508	5.102	4.374E-10	61.408	12.282	6.103E-09	34.755	6.951	1.107E-09	55.021	11.004	4.390E-09	29.898	5.980	7.044E-10	23.538	4.708	3.437E-10
544	58.633	11.727	5.313E-09	36.220	7.244	1.252E-09	29.610	5.922	6.842E-10	28.219	5.644	5.923E-10	61.783	12.357	6.216E-09	92.986	18.597	2.119E-08	24.584	4.917	3.916E-10
545	24.606	4.921	3.927E-10	28.398	5.680	6.036E-10	29.216	5.843	6.573E-10	31.223	6.245	8.022E-10	98.932	19.786	2.552E-08	30.475	6.095	7.459E-10	14.111	2.822	7.406E-11
546	27.952	5.590	5.756E-10	24.701	4.940	3.972E-10	21.388	4.278	2.579E-10	32.445	6.489	9.002E-10	22.920	4.584	3.174E-10	66.703	13.341	7.822E-09	10.652	2.130	3.186E-11
547	33.485	6.697	9.896E-10	10.660	2.132	3.192E-11	12.421	2.484	5.051E-11	27.216	5.443	5.313E-10	26.613	5.323	4.968E-10	23.234	4.647	3.306E-10	28.077	5.615	5.834E-10
548	39.792	7.958	1.661E-09	29.876	5.975	7.028E-10	30.114	6.023	7.198E-10	163.002	32.600	1.141E-07	12.156	2.431	4.735E-11	26.292	5.258	4.790E-10	20.473	4.095	2.262E-10
549	36.238	7.248	1.254E-09	91.794	18.359	2.039E-08	133.931	26.786	6.332E-08	61.615	12.323	6.165E-09	61.470	12.294	6.122E-09	31.775	6.355	8.455E-10	32.602	6.520	9.133E-10
550	51.601	10.320	3.621E-09	23.398	4.680	3.376E-10	43.875	8.775	2.226E-09	-40.536	0.000	0.000E+00	20.430	4.086	2.248E-10	35.501	7.100	1.179E-09	87.297	17.459	1.753E-08
551	32.741	6.548	9.250E-10	14.782	2.956	8.513E-11	51.732	10.346	3.649E-09	26.243	5.249	4.763E-10	29.649	5.930	6.870E-10	17.656	3.531	1.451E-10	20.949	4.190	2.423E-10
552	31.480	6.296	8.222E-10	26.389	5.278	4.843E-10	26.485	5.297	4.896E-10	95.785	19.157	2.316E-08	13.387	2.677	6.324E-11	-144.710	0.000	0.000E+00	25.085	5.017	4.161E-10
553	34.169	6.834	1.051E-09	24.252	4.850	3.760E-10	25.050	5.010	4.143E-10	30.883	6.177	7.763E-10	29.115	5.823	6.505E-10	23.850	4.770	3.576E-10	30.340	6.068	7.361E-10
554	59.784	11.957	5.632E-09	31.101	6.220	7.929E-10	51.656	10.331	3.633E-09	23.912	4.782	3.604E-10	32.063	6.413	8.688E-10	73.418	14.684	1.043E-08	31.831	6.366	8.500E-10
555	22.969	4.594	3.194E-10	22.225	4.445	2.893E-10	33.868	6.774	1.024E-09	32.925	6.585	9.407E-10	21.636	4.327	2.669E-10	88.736	17.747	1.842E-08	30.516	6.103	7.490E-10
556	29.461	5.892	6.739E-10	32.524	6.505	9.068E-10	30.973	6.195	7.831E-10	27.972	5.594	5.768E-10	29.018	5.804	6.440E-10	20.121	4.024	2.147E-10	19.211	3.842	1.869E-10
557	27.435	5.487	5.443E-10	25.812	5.162	4.533E-10	16.509	3.302	1.186E-10	14.630	2.926	8.253E-11	24.608	4.922	3.928E-10	25.795	5.159	4.524E-10	29.701	5.940	6.906E-10
558	30.723	6.145	7.644E-10	22.191	4.438	2.880E-10	29.578	5.916	6.820E-10	36.231	7.246	1.253E-09	98.647	19.729	2.530E-08	13.714	2.743	6.798E-11	36.784	7.357	1.312E-09
559	20.016	4.003	2.114E-10	26.656	5.331	4.992E-10	20.261	4.052	2.192E-10	26.494	5.299	4.901E-10	27.718	5.544	5.613E-10	32.047	6.409	8.674E-10	31.083	6.217	7.915E-10
560	25.660	5.132	4.453E-10	25.313	5.063	4.275E-10	88.866	17.773	1.850E-08	29.600	5.920	6.836E-10	30.556	6.111	7.520E-10	25.759	5.152	4.505E-10	27.719	5.544	5.614E-10
561	90.652	18.130	1.963E-08	31.766	6.353	8.449E-10	19.036	3.807	1.818E-10	92.993	18.599	2.120E-08	26.087	5.217	4.679E-10	55.547	11.109	4.517E-09	27.068	5.414	5.227E-10
562	26.488	5.298	4.898E-10	56.387	11.277	4.725E-09	16.998	3.400	1.295E-10	28.294	5.659	5.970E-10	42.057	8.411	1.961E-09	21.682	4.336	2.687E-10	21.890	4.378	2.765E-10
563	57.790	11.558	5.087E-09	54.381	10.876	4.239E-09	49.051	9.810	3.111E-09	31.491	6.298	8.231E-10	21.785	4.357	2.725E-10	33.505	6.701	9.913E-10	19.586	3.917	1.980E-10
564	23.468	4.694	3.406E-10	35.121	7.024	1.142E-09	25.257	5.051	4.246E-10	34.657	6.931	1.097E-09	32.344	6.469	8.918E-10	29.562	5.912	6.809E-10	30.476	6.095	7.460E-10
565	23.420	4.684	3.386E-10	28.972	5.794	6.410E-10	11.902	2.380	4.444E-11	28.689	5.738	6.223E-10	96.149	19.230	2.343E-08	79.463	15.893	1.322E-08	32.754	6.551	9.262E-10
566	34.536	6.907	1.086E-09	29.590	5.918	6.828E-10	60.636	12.127	5.876E-09	75.214	15.043	1.121E-08	33.089	6.618	9.548E-10	-14.033	0.000	0.000E+00	31.854	6.371	8.519E-10
567	33.779	6.756	1.016E-09	32.529	6.506	9.072E-10	20.147	4.029	2.155E-10	32.660	6.532	9.182E-10	26.034	5.207	4.651E-10	30.396	6.079	7.402E-10	31.633	6.327	8.343E-10
568	22.073	4.415	2.835E-10	27.963	5.593	5.763E-10	-23.161	0.000	0.000E+00	63.345	12.669	6.699E-09	24.668	4.934	3.956E-10	27.741	5.548	5.627E-10	48.521	9.704	3.011E-09
569	26.398	5.280	4.849E-10	31.145	6.229	7.963E-10	29.040	5.808	6.455E-10	74.285	14.857	1.080E-08	29.966	5.993	7.092E-10	19.953	3.991	2.094E-10	24.511	4.902	3.881E-10
570	38.471	7.694	1.501E-09	21.808	4.362	2.734E-10	32.224	6.445	8.819E-10	61.963	12.393	6.270E-09	29.570	5.914	6.815E-10	27.866	5.573	5.703E-10	17.223	3.445	1.346E-10
571	28.578	5.716	6.152E-10	49.323	9.865	3.163E-09	26.233	5.247	4.758E-10	17.866	3.573	1.503E-10	51.019	10.204	3.500E-09	25.273	5.055	4.255E-10	30.372	6.074	7.384E-10
572	31.807	6.361	8.481E-10	17.751	3.550	1.474E-10	50.363	10.073	3.267E-09	35.339	7.068	1.163E-09	28.714	5.743	6.240E-10	18.693	3.739	1.722E-10	44.055	8.811	2.254E-09
573	14.286	2.857	7.684E-11	27.244	5.449	5.330E-10	28.982	5.796	6.416E-10	59.662	11.932	5.598E-09	157.393	31.479	1.028E-07	31.951	6.390	8.597E-10	30.616	6.123	7.564E-10
574	23.131	4.626	3.262E-10	32.896	6.579	9.382E-10	34.188	6.838	1.053E-09	19.427	3.885	1.932E-10	98.695	19.739	2.534E-08	23.342	4.668	3.352E-10	-22.020	0.000	0.000E+00
575	30.702	6.140	7.628E-10	56.607	11.321	4.781E-09	29.598	5.920	6.834E-10	26.766	5.353	5.054E-10	22.977	4.595	3.197E-10						

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
576	29.595	5.919	6.832E-10	31.927	6.385	8.578E-10	62.918	12.584	6.565E-09	88.611	17.722	1.834E-08	16.222	3.244	1.125E-10	33.846	6.769	1.022E-09	26.619	5.324	4.971E-10
577	24.809	4.962	4.025E-10	51.991	10.398	3.704E-09	32.082	6.416	8.703E-10	58.406	11.681	5.251E-09	32.490	6.498	9.040E-10	103.649	20.730	2.935E-08	22.533	4.507	3.015E-10
578	23.923	4.785	3.609E-10	30.043	6.009	7.147E-10	24.326	4.865	3.794E-10	38.555	7.711	1.511E-09	26.219	5.244	4.750E-10	25.824	5.165	4.539E-10	48.328	9.666	2.975E-09
579	53.932	10.786	4.135E-09	92.292	18.458	2.072E-08	88.860	17.772	1.849E-08	32.337	6.467	8.913E-10	18.907	3.781	1.781E-10	31.286	6.257	8.071E-10	58.685	11.737	5.327E-09
580	32.654	6.531	9.177E-10	52.126	10.425	3.733E-09	28.976	5.795	6.412E-10	51.925	10.385	3.690E-09	27.427	5.485	5.438E-10	16.510	3.302	1.186E-10	22.526	4.505	3.013E-10
581	28.219	5.644	5.923E-10	27.196	5.439	5.301E-10	-27.416	0.000	0.000E+00	20.579	4.116	2.297E-10	10.514	2.103	3.063E-11	10.513	2.103	3.062E-11	27.207	5.441	5.308E-10
582	34.124	6.825	1.047E-09	32.203	6.441	8.802E-10	24.203	4.841	3.737E-10	78.156	15.631	1.258E-08	28.020	5.604	5.799E-10	25.450	5.090	4.345E-10	27.627	5.525	5.558E-10
583	24.088	4.818	3.684E-10	26.488	5.298	4.898E-10	11.314	2.263	3.817E-11	11.150	2.230	3.653E-11	33.997	6.799	1.036E-09	32.216	6.443	8.813E-10	31.800	6.360	8.476E-10
584	25.617	5.123	4.431E-10	34.399	6.880	1.073E-09	26.833	5.367	5.092E-10	57.576	11.515	5.031E-09	18.173	3.635	1.582E-10	22.577	4.515	3.033E-10	16.276	3.255	1.136E-10
585	55.079	11.016	4.404E-09	26.297	5.259	4.793E-10	27.318	5.464	5.373E-10	18.240	3.648	1.599E-10	16.269	3.254	1.135E-10	27.265	5.453	5.342E-10	64.724	12.945	7.147E-09
586	30.803	6.161	7.703E-10	58.141	11.628	5.180E-09	28.391	5.678	6.031E-10	14.660	2.932	8.304E-11	31.361	6.272	8.130E-10	55.338	11.068	4.466E-09	39.269	7.854	1.596E-09
587	31.723	6.345	8.414E-10	-28.976	0.000	0.000E+00	21.208	4.242	2.514E-10	31.969	6.394	8.612E-10	24.275	4.855	3.770E-10	30.196	6.039	7.257E-10	12.007	2.401	4.563E-11
588	38.477	7.695	1.501E-09	47.853	9.571	2.888E-09	13.306	2.661	6.209E-11	26.573	5.315	4.945E-10	21.575	4.315	2.647E-10	31.822	6.364	8.493E-10	29.830	5.966	6.996E-10
589	47.105	9.421	2.755E-09	26.037	5.207	4.652E-10	31.822	6.364	8.494E-10	57.662	11.532	5.053E-09	50.175	10.035	3.329E-09	30.579	6.116	7.536E-10	31.619	6.324	8.331E-10
590	27.508	5.502	5.486E-10	27.011	5.402	5.194E-10	32.301	6.460	8.883E-10	63.182	12.636	6.648E-09	26.129	5.226	4.702E-10	51.660	10.332	3.634E-09	39.955	7.991	1.681E-09
591	30.369	6.074	7.382E-10	66.988	13.398	7.923E-09	32.803	6.561	9.303E-10	32.880	6.576	9.369E-10	13.459	2.692	6.426E-11	58.490	11.698	5.274E-09	30.720	6.144	7.641E-10
592	36.388	7.278	1.270E-09	20.727	4.145	2.347E-10	31.032	6.206	7.876E-10	22.510	4.502	3.006E-10	26.673	5.335	5.002E-10	24.407	4.881	3.832E-10	11.170	2.234	3.673E-11
593	35.119	7.024	1.142E-09	27.429	5.486	5.439E-10	21.510	4.302	2.623E-10	27.019	5.404	5.199E-10	29.870	5.974	7.024E-10	19.480	3.896	1.948E-10	71.870	14.374	9.784E-09
594	67.924	13.585	8.260E-09	96.844	19.369	2.394E-08	20.337	4.067	2.217E-10	10.945	2.189	3.455E-11	12.420	2.484	5.049E-11	30.072	6.014	7.168E-10	31.061	6.212	7.899E-10
595	26.256	5.251	4.770E-10	23.600	4.720	3.464E-10	26.880	5.376	5.119E-10	78.288	15.658	1.265E-08	33.344	6.669	9.771E-10	58.400	11.680	5.250E-09	26.303	5.261	4.796E-10
596	35.923	7.185	1.222E-09	32.975	6.595	9.450E-10	11.406	2.281	3.911E-11	37.142	7.428	1.350E-09	97.566	19.513	2.448E-08	34.179	6.836	1.052E-09	19.545	3.909	1.968E-10
597	54.845	10.969	4.348E-09	15.975	3.195	1.075E-10	28.425	5.685	6.053E-10	38.985	7.797	1.562E-09	29.564	5.913	6.810E-10	23.768	4.754	3.539E-10	26.343	5.269	4.818E-10
598	27.641	5.528	5.566E-10	32.394	6.479	8.959E-10	31.501	6.300	8.239E-10	69.409	13.882	8.813E-09	95.414	19.083	2.289E-08	28.868	5.774	6.341E-10	31.706	6.341	8.401E-10
599	28.761	5.752	6.271E-10	53.534	10.707	4.044E-09	17.077	3.415	1.312E-10	52.588	10.518	3.833E-09	31.433	6.287	8.186E-10	10.103	2.021	2.718E-11	32.812	6.562	9.311E-10
600	32.613	6.523	9.142E-10	30.189	6.038	7.252E-10	153.171	30.634	9.472E-08	67.922	13.584	8.259E-09	38.251	7.650	1.475E-09	29.587	5.917	6.826E-10	36.861	7.372	1.320E-09
601	35.350	7.070	1.164E-09	30.750	6.150	7.663E-10	31.680	6.336	8.380E-10	52.689	10.538	3.855E-09	21.612	4.322	2.660E-10	27.452	5.490	5.452E-10	33.559	6.712	9.962E-10
602	23.878	4.776	3.588E-10	24.715	4.943	3.979E-10	32.640	6.528	9.166E-10	92.759	18.552	2.104E-08	89.059	17.812	1.862E-08	32.939	6.588	9.419E-10	61.014	12.203	5.987E-09
603	23.863	4.773	3.582E-10	27.798	5.560	5.661E-10	27.441	5.488	5.446E-10	33.782	6.756	1.016E-09	34.109	6.822	1.046E-09	27.042	5.408	5.212E-10	93.304	18.661	2.141E-08
604	21.218	4.244	2.518E-10	29.375	5.875	6.681E-10	26.162	5.232	4.720E-10	-22.721	0.000	0.000E+00	27.528	5.506	5.498E-10	26.305	5.261	4.797E-10	20.727	4.145	2.347E-10
605	32.208	6.442	8.806E-10	25.063	5.013	4.149E-10	151.114	30.223	9.095E-08	26.009	5.202	4.637E-10	81.782	16.356	1.442E-08	24.798	4.960	4.019E-10	14.658	2.932	8.301E-11
606	29.737	5.947	6.931E-10	32.906	6.581	9.391E-10	31.077	6.215	7.910E-10	25.440	5.088	4.340E-10	27.954	5.591	5.757E-10	31.967	6.393	8.610E-10	62.466	12.493	6.424E-09
607	25.971	5.194	4.617E-10	27.605	5.521	5.545E-10	28.272	5.654	5.956E-10	-29.824	0.000	0.000E+00	32.329	6.466	8.906E-10	13.649	2.730	6.702E-11	60.953	12.191	5.969E-09
608	30.356	6.071	7.372E-10	27.348	5.470	5.391E-10	32.985	6.597	9.459E-10	17.923	3.585	1.517E-10	23.295	4.659	3.332E-10	30.600	6.120	7.552E-10	31.883	6.377	8.542E-10
609	21.520	4.304	2.627E-10	22.160	4.432	2.868E-10	12.144	2.429	4.721E-11	67.265	13.453	8.021E-09	30.442	6.088	7.435E-10	20.334	4.067	2.216E-10	52.046	10.409	3.716E-09
610	22.851	4.570	3.145E-10	22.044	4.409	2.823E-10	25.351	5.070	4.294E-10	38.756	7.751	1.534E-09	19.973	3.995	2.100E-10	38.518	7.704	1.506E-09	29.581	5.916	6.823E-10
611	60.222	12.044	5.757E-09	31.220	6.244	8.020E-10	19.803	3.961	2.047E-10	64.697	12.939	7.137E-09	103.637	20.727	2.934E-08	31.959	6.392	8.603E-10	27.992	5.598	5.781E-10
612	23.771	4.754	3.540E-10	30.856	6.171	7.743E-10	18.325	3.665	1.622E-10	69.908	13.982	9.005E-09	26.998	5.400	5.187E-10	29.079	5.816	6.481E-10	31.481	6.296	8.223E-10
613	164.377	32.875	1.171E-07	28.092	5.618	5.843E-10	24.608	4.922	3.927E-10	80.662	16.132	1.383E-08	21.651	4.330	2.675E-10	10.275	2.055	2.859E-11	27.540	5.508	5.506E-10
614	31.570	6.314	8.293E-10	52.311	10.462	3.773E-09	58.371	11.674	5.242E-09	18.838	3.768	1.762E-10	10.121	2.024	2.733E-11	36.995	7.399	1.335E-09	63.487	12.697	6.744E-09
615	51.762	10.352	3.655E-09	18.281	3.656	1.610E-10	34.384	6.877	1.071E-09	22.961	4.592	3.191E-10	37.153	7.431	1.352E-09	10.688	2.138	3.218E-11	51.267	10.253	3.551E-09
616	21.108	4.222	2.479E-10	41.255	8.251	1.851E-09	22.445	4.489	2.980E-10	14.151	2.830	7.470E-11	13.199	2.640	6.061E-11	12.707	2.541	5.408E-11	77.039	15.408	1.205E-08
617	32.407	6.481	8.971E-10	59.733	11.947	5.617E-09	14.238	2.848	7.607E-11	29.916	5.983	7.697E-10	30.930	6.186	7.799E-10	21.955	4.391	2.789E-10	24.592	4.918	3.920E-10
618	31.659	6.332	8.363E-10	28.631	5.726	6.186E-10	55.461	11.092	4.496E-09	-46.157	0.000	0.000E+00	93.917	18.783	2.183E-08	39.326	7.865	1.603E-09	24.326	4.865	3.794E-10
619	16.465	3.293	1.177E-10	10.254	2.051	2.842E-11	-38.026	0.000	0.000E+00	35.511	7.102	1.180E-09	29.681	5.936	6.892E-10	10.839	2.168	3.356E-11	27.831	5.566	5.682E-10
620	23.928	4.786	3.611E-10	73.524	14.705	1.048E-08	26.035	5.207	4.651E-10	23.765	4.753	3.538E-10	33.879	6.776	1.025E-09						

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
621	23.117	4.623	3.256E-10	24.077	4.815	3.679E-10	42.653	8.531	2.045E-09	28.414	5.683	6.047E-10	19.964	3.993	2.097E-10	50.758	10.152	3.447E-09	29.814	5.963	6.985E-10
622	21.653	4.331	2.676E-10	28.368	5.674	6.017E-10	31.938	6.388	8.586E-10	21.228	4.246	2.521E-10	19.906	3.981	2.079E-10	18.119	3.624	1.568E-10	29.939	5.988	7.073E-10
623	32.374	6.475	8.943E-10	11.392	2.278	3.896E-11	27.393	5.479	5.418E-10	37.679	7.536	1.410E-09	23.672	4.734	3.496E-10	39.164	7.833	1.583E-09	30.976	6.195	7.834E-10
624	48.992	9.798	3.099E-09	40.653	8.131	1.771E-09	28.673	5.735	6.213E-10	74.031	14.806	1.069E-08	-17.740	0.000	0.000E+00	15.379	3.076	9.588E-11	37.801	7.560	1.424E-09
625	10.719	2.144	3.246E-11	-23.534	0.000	0.000E+00	34.021	6.804	1.038E-09	55.283	11.057	4.453E-09	25.085	5.017	4.160E-10	11.436	2.287	3.942E-11	28.285	5.657	5.964E-10
626	32.131	6.426	8.743E-10	29.438	5.888	6.724E-10	33.004	6.601	9.475E-10	29.096	5.819	6.492E-10	28.282	5.656	5.962E-10	23.677	4.735	3.498E-10	20.419	4.084	2.244E-10
627	10.169	2.034	2.771E-11	33.040	6.608	9.506E-10	23.070	4.614	3.236E-10	54.165	10.833	4.188E-09	54.460	10.892	4.257E-09	18.260	3.652	1.605E-10	15.300	3.060	9.439E-11
628	29.565	5.913	6.811E-10	30.280	6.056	7.317E-10	55.102	11.020	4.410E-09	20.553	4.111	2.288E-10	31.103	6.221	7.930E-10	11.375	2.275	3.879E-11	53.834	10.767	4.112E-09
629	26.878	5.376	5.118E-10	31.087	6.217	7.918E-10	34.716	6.943	1.103E-09	76.861	15.372	1.197E-08	30.280	6.056	7.317E-10	56.437	11.287	4.738E-09	30.309	6.062	7.339E-10
630	57.699	11.540	5.063E-09	18.943	3.789	1.792E-10	27.035	5.407	5.208E-10	25.495	5.099	4.368E-10	26.699	5.340	5.016E-10	10.957	2.191	3.467E-11	50.324	10.065	3.359E-09
631	28.291	5.658	5.968E-10	24.308	4.862	3.785E-10	54.953	10.991	4.374E-09	28.006	5.601	5.789E-10	29.601	5.920	6.836E-10	12.037	2.407	4.597E-11	33.380	6.676	9.803E-10
632	27.230	5.446	5.322E-10	30.161	6.032	7.231E-10	34.768	6.954	1.108E-09	24.536	4.907	3.893E-10	21.605	4.321	2.658E-10	32.923	6.585	9.406E-10	29.756	5.951	6.944E-10
633	29.985	5.997	7.106E-10	22.041	4.408	2.822E-10	11.834	2.367	4.368E-11	59.682	11.936	5.603E-09	28.512	5.702	6.109E-10	51.062	10.212	3.509E-09	56.848	11.370	4.842E-09
634	24.278	4.856	3.772E-10	24.590	4.918	3.919E-10	56.628	11.326	4.786E-09	28.818	5.764	6.308E-10	26.572	5.314	4.945E-10	23.006	4.601	3.209E-10	23.578	4.716	3.455E-10
635	30.931	6.186	7.799E-10	36.851	7.370	1.319E-09	59.634	11.927	5.589E-09	31.924	6.385	8.575E-10	29.137	5.827	6.520E-10	11.205	2.241	3.708E-11	31.266	6.253	8.056E-10
636	18.758	3.752	1.740E-10	26.103	5.221	4.687E-10	16.217	3.243	1.124E-10	30.276	6.055	7.314E-10	32.486	6.497	9.036E-10	28.670	5.734	6.211E-10	31.948	6.390	8.595E-10
637	45.483	9.097	2.480E-09	19.774	3.955	2.038E-10	33.048	6.610	9.513E-10	26.568	5.314	4.943E-10	28.254	5.651	5.945E-10	11.020	2.204	3.527E-11	31.247	6.249	8.041E-10
638	19.136	3.827	1.847E-10	26.277	5.255	4.782E-10	20.304	4.061	2.206E-10	24.175	4.835	3.724E-10	88.647	17.729	1.836E-08	28.997	5.799	6.426E-10	10.865	2.173	3.380E-11
639	28.934	5.787	6.384E-10	29.335	5.867	6.654E-10	29.485	5.897	6.756E-10	68.870	13.774	8.609E-09	23.443	4.689	3.396E-10	26.097	5.219	4.684E-10	23.445	4.689	3.397E-10
640	25.761	5.152	4.506E-10	29.463	5.893	6.741E-10	25.088	5.018	4.162E-10	65.008	13.002	7.241E-09	18.464	3.693	1.659E-10	19.047	3.809	1.821E-10	36.578	7.316	1.290E-09
641	24.588	4.918	3.918E-10	29.755	5.951	6.943E-10	32.899	6.580	9.385E-10	18.801	3.760	1.751E-10	31.294	6.259	8.078E-10	31.648	6.330	8.354E-10	25.487	5.097	4.364E-10
642	29.609	5.922	6.842E-10	65.482	13.096	7.400E-09	56.509	11.302	4.756E-09	34.773	6.955	1.108E-09	29.966	5.993	7.092E-10	24.948	4.990	4.092E-10	67.615	13.523	8.147E-09
643	30.471	6.094	7.457E-10	23.713	4.743	3.514E-10	33.204	6.641	9.648E-10	26.533	5.307	4.923E-10	94.083	18.817	2.195E-08	12.660	2.532	5.347E-11	29.886	5.977	7.036E-10
644	10.273	2.055	2.857E-11	24.244	4.849	3.756E-10	17.504	3.501	1.413E-10	25.852	5.170	4.454E-10	21.287	4.257	2.543E-10	27.035	5.407	5.208E-10	28.271	5.654	5.955E-10
645	42.571	8.514	2.034E-09	24.002	4.800	3.644E-10	60.665	12.133	5.884E-09	33.551	6.710	9.954E-10	24.435	4.887	3.845E-10	36.313	7.263	1.262E-09	23.862	4.772	3.581E-10
646	24.318	4.864	3.791E-10	18.277	3.655	1.609E-10	29.317	5.863	6.641E-10	30.274	6.055	7.313E-10	36.143	7.229	1.244E-09	26.857	5.371	5.106E-10	35.779	7.156	1.207E-09
647	11.444	2.289	3.951E-11	26.572	5.314	4.945E-10	32.162	6.432	8.768E-10	51.372	10.274	3.573E-09	27.434	5.487	5.442E-10	24.686	4.937	3.965E-10	11.311	2.262	3.814E-11
648	18.942	3.788	1.791E-10	18.722	3.744	1.730E-10	58.141	11.628	5.180E-09	17.159	3.432	1.332E-10	91.637	18.327	2.028E-08	58.784	11.757	5.354E-09	25.243	5.049	4.239E-10
649	55.050	11.010	4.397E-09	29.560	5.912	6.808E-10	11.593	2.319	4.106E-11	23.887	4.777	3.592E-10	32.707	6.541	9.221E-10	25.672	5.134	4.459E-10	28.539	5.708	6.127E-10
650	40.110	8.022	1.701E-09	55.482	11.096	4.501E-09	24.700	4.940	3.972E-10	26.405	5.281	4.852E-10	29.459	5.892	6.738E-10	68.838	13.768	8.597E-09	32.069	6.414	8.693E-10
651	24.729	4.946	3.986E-10	20.751	4.150	2.355E-10	11.132	2.226	3.636E-11	21.062	4.212	2.463E-10	29.219	5.844	6.575E-10	27.580	5.516	5.529E-10	57.827	11.565	5.097E-09
652	29.510	5.902	6.774E-10	33.367	6.673	9.791E-10	58.789	11.758	5.355E-09	84.752	16.950	1.604E-08	26.937	5.387	5.152E-10	31.848	6.370	8.514E-10	19.618	3.924	1.990E-10
653	31.923	6.385	8.574E-10	28.432	5.686	6.058E-10	19.262	3.852	1.884E-10	21.586	4.317	2.651E-10	27.408	5.482	5.427E-10	28.169	5.634	5.891E-10	19.746	3.949	2.029E-10
654	31.315	6.263	8.094E-10	36.032	7.206	1.233E-09	29.125	5.825	6.512E-10	19.011	3.802	1.811E-10	12.609	2.522	5.284E-11	55.564	11.113	4.521E-09	23.838	4.768	3.570E-10
655	63.476	12.695	6.741E-09	23.338	4.668	3.350E-10	18.940	3.788	1.791E-10	31.508	6.302	8.244E-10	35.672	7.134	1.196E-09	20.019	4.004	2.115E-10	25.788	5.158	4.520E-10
656	15.583	3.117	9.973E-11	10.687	2.137	3.217E-11	11.991	2.398	4.544E-11	30.890	6.178	7.769E-10	30.403	6.081	7.407E-10	28.645	5.729	6.195E-10	26.564	5.313	4.940E-10
657	27.802	5.560	5.664E-10	19.041	3.808	1.819E-10	16.084	3.217	1.097E-10	31.972	6.394	8.614E-10	21.061	4.212	2.462E-10	29.406	5.881	6.702E-10	26.988	5.398	5.181E-10
658	29.425	5.885	6.715E-10	66.079	13.216	7.605E-09	20.141	4.028	2.153E-10	27.721	5.544	5.615E-10	-23.285	0.000	0.000E+00	26.461	5.292	4.883E-10	18.275	3.655	1.609E-10
659	24.831	4.966	4.035E-10	53.929	10.786	4.134E-09	31.418	6.284	8.174E-10	56.901	11.380	4.856E-09	53.766	10.753	4.096E-09	28.458	5.692	6.075E-10	25.630	5.126	4.438E-10
660	25.720	5.144	4.485E-10	32.789	6.558	9.291E-10	25.033	5.007	4.135E-10	28.497	5.699	6.099E-10	28.230	5.646	5.929E-10	23.499	4.700	3.420E-10	26.582	5.316	4.951E-10
661	22.963	4.593	3.191E-10	52.520	10.504	3.818E-09	26.359	5.272	4.827E-10	66.119	13.224	7.619E-09	30.175	6.035	7.242E-10	19.102	3.820	1.837E-10	60.922	12.184	5.959E-09
662	11.250	2.250	3.752E-11	30.322	6.064	7.348E-10	61.945	12.389	6.265E-09	21.479	4.296	2.612E-10	18.548	3.710	1.682E-10	26.204	5.241	4.742E-10	26.778	5.356	5.061E-10
663	25.402	5.080	4.320E-10	16.943	3.389	1.282E-10	28.003	5.601	5.788E-10	28.578	5.716	6.152E-10	154.423	30.885	9.706E-08	34.929	6.986	1.123E-09	10.190	2.038	2.788E-11
664	25.184	5.037	4.210E-10	22.126	4.425	2.855E-10	23.675	4.735	3.497E-10	29.476	5.895	6.750E-10	31.934	6.387	8.583E-10	28.070	5.614	5.830E-10	26.150	5.230	4.713E-10
665	30.285	6.057	7.321E-10	21.468	4.294	2.608E-10	33.888	6.778	1.026E-09	62.732	12.546	6.507E-09	31.513	6.303	8.248E-10	19.073	3.815				

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
666	30.851	6.170	7.739E-10	38.475	7.695	1.501E-09	44.613	8.923	2.340E-09	138.103	27.621	6.942E-08	35.864	7.173	1.216E-09	25.145	5.029	4.190E-10	30.429	6.086	7.426E-10
667	19.691	3.938	2.012E-10	-30.216	0.000	0.000E+00	30.566	6.113	7.527E-10	-15.652	0.000	0.000E+00	25.030	5.006	4.133E-10	28.087	5.617	5.840E-10	16.674	3.335	1.222E-10
668	94.038	18.808	2.192E-08	28.533	5.707	6.123E-10	52.109	10.422	3.729E-09	12.192	2.438	4.776E-11	32.959	6.592	9.436E-10	21.860	4.372	2.753E-10	29.973	5.995	7.097E-10
669	29.436	5.887	6.722E-10	24.535	4.907	3.893E-10	-16.281	0.000	0.000E+00	61.358	12.272	6.089E-09	31.523	6.305	8.256E-10	26.488	5.298	4.898E-10	67.938	13.588	8.265E-09
670	22.786	4.557	3.118E-10	29.201	5.840	6.563E-10	62.597	12.519	6.465E-09	25.505	5.101	4.373E-10	32.541	6.508	9.082E-10	31.511	6.302	8.247E-10	18.263	3.653	1.605E-10
671	22.590	4.518	3.038E-10	27.757	5.551	5.636E-10	30.793	6.159	7.695E-10	39.132	7.826	1.579E-09	30.557	6.111	7.520E-10	31.569	6.314	8.293E-10	33.126	6.625	9.580E-10
672	24.311	4.862	3.787E-10	26.135	5.227	4.705E-10	42.620	8.524	2.040E-09	28.109	5.622	5.854E-10	22.515	4.503	3.008E-10	27.133	5.427	5.265E-10	27.339	5.468	5.385E-10
673	25.139	5.028	4.187E-10	10.636	2.127	3.171E-11	33.195	6.639	9.641E-10	48.711	9.742	3.046E-09	92.941	18.588	2.116E-08	27.038	5.408	5.210E-10	55.563	11.113	4.521E-09
674	32.197	6.439	8.797E-10	55.806	11.161	4.581E-09	10.399	2.080	2.964E-11	26.644	5.329	4.985E-10	17.000	3.400	1.295E-10	35.834	7.167	1.213E-09	37.983	7.597	1.444E-09
675	10.164	2.033	2.768E-11	27.100	5.420	5.246E-10	27.885	5.577	5.715E-10	32.433	6.487	8.992E-10	22.118	4.424	2.852E-10	61.936	12.387	6.262E-09	21.576	4.315	2.647E-10
676	21.689	4.338	2.689E-10	33.705	6.741	1.009E-09	28.685	5.737	6.221E-10	94.233	18.847	2.205E-08	31.203	6.241	8.007E-10	25.032	5.006	4.134E-10	30.957	6.191	7.820E-10
677	49.178	9.836	3.135E-09	26.203	5.241	4.742E-10	31.226	6.245	8.025E-10	26.348	5.270	4.821E-10	32.138	6.428	8.749E-10	30.163	6.033	7.233E-10	33.662	6.732	1.005E-09
678	27.692	5.538	5.597E-10	27.065	5.413	5.226E-10	35.801	7.160	1.209E-09	10.139	2.028	2.747E-11	11.038	2.208	3.545E-11	12.546	2.509	5.205E-11	31.040	6.208	7.882E-10
679	29.139	5.828	6.521E-10	-17.644	0.000	0.000E+00	69.274	13.855	8.762E-09	16.159	3.232	1.112E-10	25.354	5.071	4.295E-10	30.787	6.157	7.691E-10	27.574	5.515	5.525E-10
680	10.160	2.032	2.764E-11	-17.036	0.000	0.000E+00	23.037	4.607	3.222E-10	26.875	5.375	5.116E-10	26.303	5.261	4.796E-10	33.716	6.743	1.010E-09	59.749	11.950	5.622E-09
681	22.567	4.513	3.029E-10	29.050	5.810	6.461E-10	36.415	7.283	1.273E-09	33.009	6.602	9.479E-10	26.927	5.385	5.146E-10	25.439	5.088	4.339E-10	29.497	5.899	6.764E-10
682	23.717	4.743	3.516E-10	37.630	7.526	1.404E-09	24.142	4.828	3.709E-10	19.934	3.987	2.088E-10	31.034	6.207	7.878E-10	14.227	2.845	7.590E-11	25.680	5.136	4.464E-10
683	53.102	10.620	3.947E-09	27.159	5.432	5.280E-10	29.365	5.873	6.674E-10	54.789	10.958	4.335E-09	39.023	7.805	1.566E-09	31.640	6.328	8.348E-10	15.620	3.124	1.005E-10
684	27.449	5.490	5.451E-10	25.668	5.134	4.457E-10	24.535	4.907	3.893E-10	22.669	4.534	3.070E-10	54.710	10.942	4.316E-09	29.622	5.924	6.850E-10	168.953	33.791	1.271E-07
685	37.037	7.407	1.339E-09	32.876	6.575	9.365E-10	27.434	5.487	5.442E-10	29.266	5.853	6.607E-10	22.761	4.552	3.108E-10	24.693	4.939	3.968E-10	19.258	3.852	1.882E-10
686	25.873	5.175	4.565E-10	28.464	5.693	6.078E-10	34.271	6.854	1.061E-09	25.856	5.171	4.556E-10	24.228	4.846	3.749E-10	10.343	2.069	2.916E-11	31.201	6.240	8.006E-10
687	24.931	4.986	4.084E-10	14.050	2.810	7.310E-11	20.865	4.173	2.394E-10	10.597	2.119	3.136E-11	13.543	2.709	6.548E-11	24.550	4.910	3.900E-10	27.476	5.495	5.467E-10
688	26.471	5.294	4.889E-10	11.315	2.263	3.818E-11	21.816	4.363	2.737E-10	23.229	4.646	3.303E-10	29.285	5.857	6.619E-10	24.598	4.920	3.923E-10	22.846	4.569	3.143E-10
689	23.948	4.790	3.620E-10	26.646	5.329	4.986E-10	40.329	8.066	1.729E-09	33.571	6.714	9.972E-10	33.641	6.728	1.003E-09	10.027	2.005	2.657E-11	28.473	5.695	6.084E-10
690	21.594	4.319	2.654E-10	19.556	3.911	1.971E-10	25.382	5.076	4.310E-10	28.909	5.782	6.368E-10	31.778	6.356	8.458E-10	35.031	7.006	1.133E-09	24.521	4.904	3.886E-10
691	31.545	6.309	8.273E-10	27.465	5.493	5.460E-10	12.275	2.455	4.875E-11	66.461	13.292	7.737E-09	27.840	5.568	5.687E-10	21.055	4.211	2.460E-10	38.889	7.778	1.550E-09
692	19.368	3.874	1.915E-10	-15.873	0.000	0.000E+00	61.988	12.398	6.278E-09	17.776	3.555	1.480E-10	35.859	7.172	1.215E-09	32.543	6.509	9.084E-10	17.013	3.403	1.298E-10
693	29.902	5.980	7.047E-10	28.061	5.612	5.824E-10	-17.176	0.000	0.000E+00	50.621	10.124	3.419E-09	32.601	6.520	9.132E-10	25.323	5.065	4.280E-10	32.383	6.477	8.951E-10
694	32.789	6.558	9.291E-10	28.913	5.783	6.370E-10	-25.301	0.000	0.000E+00	13.156	2.631	6.002E-11	27.708	5.542	5.606E-10	31.196	6.239	8.002E-10	12.378	2.476	4.998E-11
695	33.140	6.628	9.593E-10	29.045	5.809	6.458E-10	12.078	2.416	4.644E-11	54.084	10.817	4.170E-09	32.058	6.412	8.684E-10	17.644	3.529	1.448E-10	24.362	4.872	3.811E-10
696	24.424	4.885	3.840E-10	31.652	6.330	8.357E-10	15.913	3.183	1.062E-10	87.516	17.503	1.767E-08	24.301	4.860	3.782E-10	13.838	2.768	6.985E-11	30.875	6.175	7.757E-10
697	30.149	6.030	7.223E-10	28.832	5.766	6.317E-10	28.156	5.631	5.883E-10	24.553	4.911	3.901E-10	27.380	5.476	5.410E-10	23.813	4.763	3.559E-10	28.179	5.636	5.898E-10
698	24.447	4.889	3.851E-10	53.954	10.791	4.140E-09	27.485	5.497	5.472E-10	13.525	2.705	6.521E-11	34.766	6.953	1.108E-09	29.105	5.821	6.498E-10	26.333	5.267	4.812E-10
699	11.649	2.330	4.166E-11	29.584	5.917	6.824E-10	32.399	6.480	8.964E-10	28.853	5.771	6.331E-10	14.393	2.879	7.858E-11	25.545	5.109	4.393E-10	10.314	2.063	2.891E-11
700	33.281	6.656	9.716E-10	27.113	5.423	5.253E-10	29.131	5.826	6.516E-10	59.240	11.848	5.479E-09	10.670	2.134	3.202E-11	22.556	4.511	3.025E-10	22.168	4.434	2.871E-10
701	30.162	6.032	7.232E-10	21.573	4.315	2.646E-10	30.145	6.029	7.220E-10	25.732	5.146	4.490E-10	38.852	7.770	1.546E-09	28.538	5.708	6.126E-10	29.904	5.981	7.048E-10
702	23.085	4.617	3.242E-10	33.034	6.607	9.501E-10	25.777	5.155	4.514E-10	59.788	11.958	5.633E-09	30.159	6.032	7.230E-10	51.471	10.294	3.594E-09	35.122	7.024	1.142E-09
703	28.450	5.690	6.069E-10	23.901	4.780	3.598E-10	23.885	4.777	3.591E-10	10.936	2.187	3.447E-11	30.827	6.165	7.721E-10	33.773	6.755	1.015E-09	27.106	5.421	5.249E-10
704	30.358	6.072	7.374E-10	29.018	5.804	6.440E-10	45.435	9.087	2.472E-09	25.649	5.130	4.447E-10	26.814	5.363	5.081E-10	31.265	6.253	8.055E-10	34.168	6.834	1.051E-09
705	30.410	6.082	7.412E-10	60.499	12.100	5.836E-09	28.427	5.685	6.055E-10	38.206	7.641	1.470E-09	28.392	5.678	6.032E-10	31.973	6.395	8.615E-10	26.079	5.216	4.675E-10
706	33.849	6.770	1.022E-09	25.880	5.176	4.569E-10	14.338	2.868	7.769E-11	36.588	7.318	1.291E-09	12.018	2.404	4.575E-11	11.179	2.236	3.682E-11	56.217	11.243	4.683E-09
707	16.517	3.303	1.188E-10	28.347	5.669	6.004E-10	27.025	5.405	5.202E-10	13.711	2.742	6.794E-11	41.429	8.286	1.742E-09	11.348	2.270	3.851E-11	34.222	6.844	1.056E-09
708	11.939	2.388	4.485E-11	58.656	11.731	5.319E-09	30.727	6.145	7.647E-10	62.950	12.590	6.575E-09	33.438	6.688	9.854E-10	17.933	3.587	1.520E-10	27.291	5.458	5.357E-10
709	18.160	3.632	1.579E-10	27.088	5.418	5.239E-10	37.342	7.468	1.372E-09	22.626	4.525	3.053E-10	54.238	10.848	4.205E-09	27.827	5.565	5.679E-10	27.534	5.507	5.502E-10
710	11.373	2.275	3.877E-11	30.397	6.079	7.402E-10	34.477	6.895	1.080E-09	69.258	13.852	8.756E-09	30.725	6.145	7.645E-10	28.070	5.614	5.829E-10			

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
711	29.376	5.875	6.681E-10	11.864	2.373	4.402E-11	38.100	7.620	1.458E-09	64.169	12.834	6.964E-09	38.052	7.610	1.452E-09	20.684	4.137	2.332E-10	30.714	6.143	7.637E-10
712	23.842	4.768	3.572E-10	21.386	4.277	2.578E-10	29.600	5.920	6.835E-10	97.519	19.504	2.444E-08	10.851	2.170	3.367E-11	32.004	6.401	8.640E-10	26.661	5.332	4.995E-10
713	35.172	7.034	1.147E-09	26.354	5.271	4.824E-10	13.011	2.602	5.805E-11	32.431	6.486	8.991E-10	97.706	19.541	2.458E-08	22.364	4.473	2.948E-10	66.187	13.237	7.642E-09
714	30.696	6.139	7.623E-10	29.082	5.816	6.483E-10	36.169	7.234	1.247E-09	30.368	6.074	7.381E-10	29.267	5.853	6.607E-10	28.648	5.730	6.197E-10	31.047	6.209	7.888E-10
715	19.951	3.990	2.093E-10	28.846	5.769	6.326E-10	24.131	4.826	3.703E-10	24.314	4.863	3.789E-10	32.940	6.588	9.420E-10	27.466	5.493	5.461E-10	27.266	5.453	5.343E-10
716	20.722	4.144	2.345E-10	32.051	6.410	8.678E-10	32.883	6.577	9.372E-10	42.788	8.558	2.065E-09	52.915	10.583	3.905E-09	31.568	6.314	8.291E-10	13.039	2.608	5.843E-11
717	25.142	5.028	4.189E-10	24.375	4.875	3.817E-10	69.919	13.984	9.009E-09	12.965	2.593	5.743E-11	26.424	5.285	4.863E-10	11.242	2.248	3.745E-11	27.241	5.448	5.328E-10
718	32.097	6.419	8.716E-10	19.888	3.978	2.073E-10	31.168	6.234	7.980E-10	58.635	11.767	5.368E-09	19.797	3.959	2.045E-10	26.082	5.216	4.677E-10	24.515	4.903	3.883E-10
719	27.976	5.595	5.771E-10	60.369	12.074	5.799E-09	24.148	4.830	3.712E-10	56.657	11.331	4.793E-09	36.749	7.350	1.308E-09	31.988	6.398	8.627E-10	30.353	6.071	7.370E-10
720	27.697	5.539	5.600E-10	27.783	5.557	5.652E-10	37.253	7.451	1.363E-09	57.268	11.454	4.950E-09	26.139	5.228	4.707E-10	24.412	4.882	3.834E-10	26.210	5.242	4.745E-10
721	28.122	5.624	5.862E-10	10.750	2.150	3.274E-11	11.333	2.267	3.836E-11	37.851	7.570	1.429E-09	33.101	6.620	9.559E-10	25.596	5.119	4.420E-10	19.825	3.965	2.054E-10
722	30.134	6.027	7.212E-10	24.180	4.836	3.726E-10	30.522	6.104	7.494E-10	58.411	11.682	5.253E-09	22.033	4.407	2.819E-10	29.420	5.884	6.711E-10	28.769	5.754	6.276E-10
723	26.782	5.356	5.063E-10	22.278	4.456	2.914E-10	29.843	5.969	7.005E-10	33.844	6.769	1.022E-09	13.867	2.773	7.028E-11	34.961	6.992	1.126E-09	22.961	4.592	3.190E-10
724	24.054	4.811	3.668E-10	28.718	5.744	6.243E-10	32.396	6.479	8.962E-10	27.432	5.486	5.441E-10	27.381	5.476	5.410E-10	31.784	6.357	8.463E-10	37.941	7.588	1.440E-09
725	36.556	7.311	1.288E-09	35.027	7.005	1.133E-09	16.027	3.205	1.085E-10	26.466	5.293	4.886E-10	89.056	17.811	1.862E-08	25.269	5.054	4.253E-10	36.006	7.201	1.230E-09
726	31.697	6.339	8.393E-10	32.278	6.456	8.864E-10	58.665	11.733	5.321E-09	30.465	6.093	7.452E-10	10.312	2.062	2.890E-11	29.333	5.867	6.652E-10	12.130	2.426	4.704E-11
727	30.282	6.056	7.319E-10	29.558	5.912	6.806E-10	15.836	3.167	1.047E-10	61.992	12.398	6.279E-09	14.774	2.955	8.500E-11	37.379	7.476	1.377E-09	22.813	4.563	3.129E-10
728	31.055	6.211	7.894E-10	24.015	4.803	3.650E-10	30.598	6.120	7.551E-10	19.110	3.822	1.839E-10	18.910	3.782	1.782E-10	22.102	4.420	2.846E-10	30.046	6.009	7.149E-10
729	26.987	5.397	5.180E-10	27.783	5.557	5.652E-10	25.499	5.100	4.370E-10	68.613	13.723	8.513E-09	39.259	7.852	1.595E-09	30.397	6.079	7.402E-10	38.928	7.786	1.555E-09
730	25.970	5.194	4.617E-10	26.869	5.374	5.113E-10	27.055	5.411	5.220E-10	23.308	4.662	3.337E-10	26.639	5.328	4.982E-10	13.195	2.639	6.055E-11	27.326	5.465	5.378E-10
731	30.987	6.197	7.842E-10	28.283	5.657	5.963E-10	23.135	4.627	3.264E-10	97.037	19.407	2.408E-08	34.423	6.885	1.075E-09	30.436	6.087	7.431E-10	11.081	2.216	3.586E-11
732	38.730	7.746	1.531E-09	30.402	6.080	7.406E-10	28.200	5.640	5.910E-10	38.239	7.648	1.474E-09	87.449	17.490	1.763E-08	29.471	5.894	6.746E-10	35.581	7.116	1.187E-09
733	15.350	3.070	9.533E-11	12.505	2.501	5.154E-11	33.180	6.636	9.627E-10	34.052	6.810	1.041E-09	22.766	4.553	3.110E-10	25.479	5.096	4.360E-10	35.632	7.126	1.192E-09
734	23.015	4.603	3.213E-10	28.289	5.658	5.967E-10	25.219	5.044	4.227E-10	55.477	11.095	4.500E-09	31.280	6.256	8.067E-10	-19.909	0.000	0.000E+00	17.872	3.574	1.505E-10
735	26.795	5.359	5.071E-10	22.145	4.429	2.862E-10	20.469	4.094	2.261E-10	54.123	10.825	4.179E-09	85.147	17.029	1.627E-08	30.149	6.030	7.223E-10	25.834	5.167	4.544E-10
736	30.804	6.161	7.704E-10	36.325	7.265	1.263E-09	25.737	5.147	4.493E-10	63.281	12.656	6.679E-09	30.989	6.198	7.844E-10	33.318	6.664	9.748E-10	24.303	4.861	3.783E-10
737	10.875	2.175	3.390E-11	30.950	6.190	7.814E-10	26.839	5.368	5.095E-10	54.676	10.935	4.308E-09	32.966	6.593	9.443E-10	26.881	5.376	5.119E-10	26.631	5.326	4.978E-10
738	14.878	2.976	8.680E-11	20.513	4.103	2.275E-10	31.509	6.302	8.245E-10	98.223	19.645	2.498E-08	13.401	2.680	6.343E-11	32.974	6.595	9.449E-10	29.922	5.984	7.061E-10
739	31.410	6.282	8.167E-10	26.701	5.340	5.017E-10	31.190	6.238	7.998E-10	27.104	5.421	5.248E-10	25.410	5.082	4.324E-10	31.579	6.316	8.300E-10	29.130	5.826	6.515E-10
740	29.644	5.929	6.866E-10	29.231	5.846	6.583E-10	20.253	4.051	2.190E-10	-30.032	0.000	0.000E+00	84.617	16.923	1.597E-08	19.894	3.979	2.075E-10	27.689	5.538	5.595E-10
741	24.122	4.824	3.699E-10	32.130	6.426	8.742E-10	35.375	7.075	1.167E-09	33.883	6.777	1.025E-09	11.059	2.212	3.565E-11	27.684	5.537	5.592E-10	19.249	3.850	1.880E-10
742	31.937	6.387	8.585E-10	33.247	6.649	9.686E-10	33.971	6.794	1.033E-09	62.289	12.458	6.370E-09	53.101	10.620	3.946E-09	22.019	4.404	2.814E-10	19.943	3.989	2.090E-10
743	29.855	5.971	7.013E-10	26.990	5.398	5.182E-10	30.293	6.059	7.327E-10	90.226	18.045	1.936E-08	13.061	2.612	5.873E-11	29.202	5.840	6.564E-10	29.054	5.811	6.464E-10
744	27.088	5.418	5.239E-10	23.327	4.665	3.345E-10	10.260	2.052	2.847E-11	22.185	4.437	2.878E-10	14.175	2.835	7.506E-11	10.550	2.110	3.095E-11	32.475	6.495	9.027E-10
745	15.258	3.052	9.363E-11	29.387	5.877	6.889E-10	29.747	5.949	6.938E-10	32.207	6.441	8.805E-10	26.726	5.345	5.031E-10	22.564	4.513	3.028E-10	31.352	6.270	8.123E-10
746	32.797	6.559	9.298E-10	29.629	5.926	6.856E-10	27.471	5.494	5.464E-10	21.036	4.207	2.453E-10	30.044	6.009	7.148E-10	31.360	6.272	8.128E-10	25.030	5.006	4.133E-10
747	24.212	4.842	3.741E-10	27.620	5.524	5.553E-10	31.841	6.368	8.508E-10	28.497	5.699	6.099E-10	88.739	17.748	1.842E-08	26.748	5.350	5.044E-10	29.548	5.910	6.800E-10
748	22.467	4.493	2.989E-10	24.369	4.874	3.814E-10	44.007	8.801	2.246E-09	69.222	13.844	8.742E-09	28.295	5.659	5.971E-10	55.448	11.090	4.493E-09	30.179	6.036	7.244E-10
749	34.435	6.887	1.076E-09	30.479	6.096	7.462E-10	23.234	4.647	3.306E-10	-18.298	0.000	0.000E+00	19.942	3.988	2.090E-10	27.810	5.562	5.669E-10	23.870	4.774	3.585E-10
750	28.236	5.647	5.934E-10	11.540	2.308	4.051E-11	31.698	6.340	8.395E-10	101.888	20.378	2.788E-08	60.065	12.013	5.712E-09	34.918	6.984	1.122E-09	30.411	6.082	7.413E-10
751	28.941	5.788	6.389E-10	24.776	4.955	4.008E-10	32.508	6.502	9.054E-10	18.328	3.666	1.623E-10	87.322	17.464	1.755E-08	30.187	6.037	7.250E-10	47.700	9.540	2.861E-09
752	20.324	4.065	2.213E-10	28.713	5.743	6.239E-10	28.005	5.601	5.789E-10	58.917	11.783	5.390E-09	23.469	4.694	3.971E-10	28.313	5.663	5.982E-10	22.948	4.590	3.185E-10
753	23.389	4.678	3.372E-10	38.793	7.759	1.539E-09	25.455	5.091	4.347E-10	35.059	7.012	1.136E-09	34.336	6.867	1.067E-09	12.845	2.569	5.586E-11	11.179	2.236	3.682E-11
754	16.531	3.306	1.191E-10	28.674	5.735	6.214E-10	30.217	6.043	7.272E-10	25.630	5.126	4.437E-10	12.967	2.593	5.747E-11	26.824	5.365	5.087E-10	20.616	4.123	2.310E-10
755	26.010	5.202	4.638E-10	32.221	6.444	8.817E-10	25.830	5.166	4.542E-10	22.488	4.498	2.997E-10	30.226	6.045	7.279E-10	34.234	6.847	1.057E-09			

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
756	32.406	6.481	8.969E-10	27.453	5.491	5.453E-10	25.635	5.127	4.440E-10	56.984	11.397	4.877E-09	23.973	4.795	3.631E-10	-25.225	0.000	0.000E+00	38.021	7.604	1.449E-09
757	30.115	6.023	7.199E-10	25.424	5.085	4.331E-10	12.129	2.426	4.703E-11	29.917	5.983	7.057E-10	68.042	13.608	8.303E-09	17.618	3.524	1.441E-10	10.860	2.172	3.376E-11
758	12.662	2.532	5.351E-11	23.412	4.682	3.382E-10	25.814	5.163	4.534E-10	57.159	11.432	4.922E-09	11.093	2.219	3.598E-11	27.698	5.540	5.600E-10	36.947	7.389	1.329E-09
759	11.677	2.335	4.196E-11	33.025	6.605	9.493E-10	35.961	7.192	1.226E-09	58.143	11.629	5.181E-09	11.218	2.244	3.721E-11	28.190	5.638	5.905E-10	26.609	5.322	4.966E-10
760	28.871	5.774	6.343E-10	15.850	3.170	1.049E-10	29.819	5.964	6.988E-10	-20.962	0.000	0.000E+00	34.997	6.999	1.130E-09	18.870	3.774	1.771E-10	27.341	5.468	5.387E-10
761	34.250	6.850	1.059E-09	73.165	14.633	1.032E-08	30.934	6.187	7.802E-10	28.521	5.704	6.115E-10	26.077	5.215	4.674E-10	29.365	5.873	6.674E-10	14.791	2.958	8.528E-11
762	22.219	4.444	2.891E-10	-89.510	0.000	0.000E+00	23.516	4.703	3.427E-10	29.457	5.891	6.737E-10	30.289	6.058	7.324E-10	24.566	4.913	3.907E-10	36.563	7.313	1.288E-09
763	22.696	4.539	3.081E-10	66.430	13.286	7.726E-09	16.723	3.345	1.233E-10	41.132	8.226	1.834E-09	31.393	6.279	8.155E-10	33.500	6.700	9.909E-10	34.392	6.878	1.072E-09
764	29.691	5.938	6.899E-10	28.824	5.765	6.312E-10	24.108	4.822	3.693E-10	37.824	7.565	1.426E-09	28.680	5.736	6.218E-10	29.399	5.880	6.697E-10	31.770	6.354	8.451E-10
765	25.450	5.090	4.345E-10	23.136	4.627	3.264E-10	10.345	2.069	2.918E-11	31.188	6.238	7.996E-10	33.291	6.658	9.724E-10	13.389	2.678	6.326E-11	26.561	5.312	4.939E-10
766	25.960	5.192	4.611E-10	34.953	6.991	1.126E-09	29.562	5.912	6.809E-10	32.459	6.492	9.013E-10	33.965	6.793	1.033E-09	23.998	4.800	3.643E-10	19.758	3.952	2.033E-10
767	23.172	4.634	3.279E-10	30.778	6.156	7.684E-10	29.874	5.975	7.027E-10	33.610	6.722	1.001E-09	15.425	3.085	9.674E-11	13.639	2.728	6.687E-11	47.654	9.531	2.852E-09
768	31.562	6.312	8.286E-10	37.365	7.473	1.375E-09	33.898	6.780	1.027E-09	52.219	10.444	3.753E-09	35.761	7.152	1.205E-09	36.971	7.394	1.332E-09	30.467	6.093	7.454E-10
769	24.690	4.938	3.967E-10	20.548	4.110	2.287E-10	28.796	5.759	6.293E-10	27.064	5.413	5.225E-10	37.791	7.558	1.422E-09	41.630	8.326	1.902E-09	34.625	6.925	1.094E-09
770	26.030	5.206	4.648E-10	35.943	7.189	1.224E-09	28.082	5.616	5.837E-10	55.645	11.129	4.541E-09	16.747	3.349	1.238E-10	28.558	5.712	6.139E-10	32.330	6.466	8.906E-10
771	34.189	6.838	1.053E-09	22.939	4.588	3.181E-10	30.882	6.176	7.762E-10	20.892	4.178	2.403E-10	32.016	6.403	8.650E-10	29.537	5.907	6.792E-10	30.326	6.065	7.351E-10
772	33.663	6.733	1.005E-09	30.540	6.108	7.508E-10	34.093	6.819	1.044E-09	20.601	4.120	2.304E-10	27.756	5.551	5.636E-10	30.534	6.107	7.503E-10	26.741	5.348	5.040E-10
773	33.502	6.700	9.911E-10	30.104	6.021	7.191E-10	29.211	5.842	6.569E-10	25.380	5.076	4.309E-10	50.262	10.052	3.347E-09	25.283	5.057	4.260E-10	-12.664	0.000	0.000E+00
774	30.218	6.044	7.273E-10	29.760	5.952	6.947E-10	11.043	2.209	3.549E-11	26.571	5.314	4.944E-10	95.540	19.108	2.299E-08	13.965	2.793	7.178E-11	28.009	5.602	5.791E-10
775	30.347	6.069	7.366E-10	27.762	5.552	5.640E-10	11.517	2.303	4.027E-11	24.688	4.938	3.966E-10	93.275	18.655	2.139E-08	24.159	4.832	3.717E-10	17.583	3.517	1.433E-10
776	29.568	5.914	6.814E-10	23.548	4.710	3.441E-10	24.590	4.918	3.919E-10	52.210	10.442	3.751E-09	15.428	3.086	9.680E-11	35.008	7.002	1.131E-09	31.063	6.213	7.900E-10
777	31.999	6.400	8.636E-10	33.015	6.603	9.485E-10	18.932	3.786	1.789E-10	32.214	6.443	8.811E-10	33.082	6.616	9.542E-10	30.533	6.107	7.502E-10	35.046	7.009	1.135E-09
778	37.073	7.415	1.343E-09	29.304	5.861	6.632E-10	34.419	6.884	1.075E-09	50.596	10.119	3.414E-09	12.231	2.446	4.822E-11	34.203	6.841	1.055E-09	28.447	5.689	6.068E-10
779	33.686	6.737	1.007E-09	23.957	4.791	3.624E-10	11.015	2.203	3.522E-11	27.304	5.461	5.365E-10	29.700	5.940	6.905E-10	26.195	5.239	4.738E-10	43.482	8.696	2.167E-09
780	33.992	6.798	1.035E-09	20.650	4.130	2.321E-10	36.992	7.398	1.334E-09	62.354	12.471	6.390E-09	49.735	9.947	3.242E-09	28.111	5.622	5.855E-10	34.533	6.907	1.085E-09
781	28.436	5.687	6.061E-10	18.559	3.712	1.685E-10	24.950	4.990	4.094E-10	43.017	8.603	2.098E-09	13.600	2.720	6.630E-11	27.378	5.476	5.409E-10	11.199	2.240	3.702E-11
782	22.431	4.486	2.975E-10	32.204	6.441	8.803E-10	11.881	2.376	4.420E-11	31.756	6.351	8.441E-10	67.112	13.422	7.967E-09	10.365	2.073	2.935E-11	12.882	2.576	5.634E-11
783	38.149	7.630	1.463E-09	26.665	5.333	4.997E-10	28.595	5.719	6.163E-10	28.311	5.662	5.981E-10	23.986	4.797	3.637E-10	31.575	6.315	8.297E-10	22.848	4.570	3.144E-10
784	20.192	4.038	2.170E-10	35.141	7.028	1.144E-09	24.619	4.924	3.933E-10	21.066	4.213	2.464E-10	93.629	18.726	2.163E-08	34.855	6.971	1.116E-09	16.653	3.331	1.217E-10
785	33.478	6.696	9.889E-10	33.880	6.776	1.025E-09	31.138	6.228	7.957E-10	61.311	12.262	6.075E-09	38.274	7.655	1.478E-09	23.825	4.765	3.564E-10	29.874	5.975	7.027E-10
786	26.423	5.285	4.862E-10	57.169	11.434	4.925E-09	28.554	5.711	6.136E-10	27.039	5.408	5.210E-10	43.682	8.736	2.197E-09	14.418	2.884	7.899E-11	26.377	5.275	4.837E-10
787	22.853	4.571	3.146E-10	27.636	5.527	5.563E-10	31.793	6.359	8.470E-10	108.626	21.725	3.378E-08	22.375	4.475	2.953E-10	52.499	10.500	3.814E-09	32.137	6.427	8.748E-10
788	26.382	5.276	4.840E-10	32.970	6.594	9.446E-10	13.687	2.737	6.758E-11	25.885	5.177	4.571E-10	32.152	6.430	8.760E-10	30.733	6.147	7.651E-10	24.825	4.965	4.032E-10
789	36.570	7.314	1.289E-09	35.028	7.006	1.133E-09	32.345	6.469	8.919E-10	11.677	2.335	4.196E-11	49.194	9.839	3.138E-09	35.192	7.038	1.149E-09	26.286	5.257	4.787E-10
790	22.793	4.559	3.121E-10	37.647	7.529	1.406E-09	11.671	2.334	4.190E-11	27.353	5.471	5.394E-10	28.709	5.742	6.237E-10	39.693	7.939	1.648E-09	32.102	6.420	8.719E-10
791	28.487	5.697	6.093E-10	32.859	6.572	9.351E-10	30.156	6.031	7.228E-10	85.177	17.035	1.629E-08	26.845	5.369	5.099E-10	33.883	6.777	1.025E-09	30.259	6.052	7.302E-10
792	31.321	6.264	8.098E-10	32.098	6.420	8.716E-10	19.660	3.932	2.003E-10	89.551	17.910	1.893E-08	10.061	2.012	2.684E-11	34.214	6.843	1.056E-09	39.313	7.863	1.601E-09
793	40.285	8.057	1.723E-09	33.458	6.692	9.872E-10	29.290	5.858	6.623E-10	26.750	5.350	5.045E-10	28.849	5.770	6.328E-10	61.003	12.201	5.983E-09	14.025	2.805	7.272E-11
794	25.820	5.164	4.537E-10	12.400	2.480	5.025E-11	56.365	11.273	4.720E-09	27.467	5.493	5.462E-10	52.589	10.518	3.833E-09	22.743	4.549	3.100E-10	27.522	5.504	5.495E-10
795	113.066	22.613	3.810E-08	30.801	6.160	7.702E-10	24.612	4.922	3.929E-10	119.557	23.911	4.504E-08	64.189	12.838	6.971E-09	22.493	4.499	2.999E-10	26.032	5.206	4.650E-10
796	23.529	4.706	3.433E-10	30.154	6.031	7.226E-10	39.436	7.887	1.617E-09	33.609	6.722	1.001E-09	39.298	7.860	1.600E-09	67.169	13.434	7.987E-09	49.011	9.802	3.103E-09
797	11.378	2.276	3.882E-11	36.460	7.292	1.277E-09	32.649	6.530	9.872E-10	25.934	5.187	4.597E-10	27.826	5.565	6.797E-10	29.847	5.969	7.008E-10	26.886	5.377	5.123E-10
798	25.379	5.076	4.308E-10	11.067	2.213	3.573E-11	33.922	6.784	1.029E-09	23.076	4.615	3.239E-10	40.020	8.004	1.689E-09	11.714	2.343	4.236E-11	45.172	9.034	2.429E-09
799	25.789	5.158	4.521E-10	33.371	6.674	9.795E-10	15.128	3.026	9.126E-11	25.210	5.042	4.223E-10	81.756	16.351	1.440E-08	27.522	5.504	5.495E-10	26.590	5.318	4.955E-10
800	23.422	4.684	3.387E-10	25.980	5.196	4.622E-10	24.932	4.986	4.085E-10	16.027	3.205	1.085E-10	55.675	11.135	4.549E-09	31.087	6.217	7.919E-10			

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
801	26.234	5.247	4.758E-10	28.913	5.783	6.370E-10	21.916	4.383	2.774E-10	164.886	32.977	1.182E-07	94.362	18.872	2.215E-08	136.018	27.204	6.632E-08	21.510	4.302	2.623E-10
802	26.910	5.382	5.136E-10	64.789	12.958	7.168E-09	27.615	5.523	5.550E-10	53.625	10.725	4.064E-09	88.658	17.732	1.837E-08	25.892	5.178	4.575E-10	19.250	3.850	1.880E-10
803	42.263	8.453	1.990E-09	28.656	5.731	6.202E-10	30.088	6.018	7.179E-10	105.612	21.122	3.105E-08	29.278	5.856	6.615E-10	27.130	5.426	5.263E-10	18.853	3.771	1.766E-10
804	25.919	5.184	4.589E-10	63.300	12.660	6.685E-09	29.509	5.902	6.773E-10	28.793	5.759	6.291E-10	30.395	6.079	7.401E-10	24.796	4.959	4.018E-10	17.522	3.504	1.418E-10
805	27.223	5.445	5.318E-10	32.922	6.584	9.405E-10	33.108	6.622	9.565E-10	27.501	5.500	5.482E-10	30.027	6.005	7.136E-10	19.499	3.900	1.954E-10	29.981	5.996	7.103E-10
806	24.480	4.896	3.866E-10	26.426	5.285	4.864E-10	34.164	6.833	1.051E-09	25.104	5.021	4.170E-10	33.075	6.615	9.537E-10	25.230	5.046	4.233E-10	32.252	6.450	8.842E-10
807	36.767	7.353	1.310E-09	25.608	5.122	4.426E-10	50.148	10.030	3.324E-09	40.417	8.083	1.740E-09	32.334	6.467	8.910E-10	11.670	2.334	4.189E-11	10.073	2.015	2.694E-11
808	26.322	5.264	4.806E-10	35.929	7.186	1.222E-09	36.435	7.287	1.275E-09	33.726	6.745	1.011E-09	27.410	5.482	5.428E-10	22.039	4.408	2.821E-10	24.959	4.992	4.098E-10
809	32.943	6.589	9.423E-10	29.509	5.902	6.773E-10	36.424	7.285	1.274E-09	10.598	2.120	3.137E-11	31.774	6.355	8.455E-10	30.917	6.183	7.789E-10	21.797	4.359	2.729E-10
810	36.286	7.257	1.259E-09	35.106	7.021	1.140E-09	26.001	5.200	4.633E-10	60.883	12.177	5.948E-09	33.227	6.645	9.669E-10	32.736	6.547	9.246E-10	25.402	5.080	4.320E-10
811	18.782	3.756	1.746E-10	26.479	5.296	4.893E-10	26.635	5.327	4.980E-10	63.641	12.728	6.794E-09	12.904	2.581	5.663E-11	43.509	8.702	2.171E-09	33.211	6.642	9.654E-10
812	33.489	6.698	9.899E-10	44.629	8.926	2.343E-09	36.990	7.398	1.334E-09	90.488	18.098	1.953E-08	86.157	17.231	1.686E-08	18.879	3.776	1.773E-10	16.942	3.388	1.282E-10
813	30.979	6.196	7.836E-10	22.931	4.586	3.178E-10	29.536	5.907	6.791E-10	24.906	4.981	4.072E-10	10.170	2.034	2.773E-11	37.128	7.426	1.349E-09	31.490	6.298	8.230E-10
814	23.191	4.638	3.288E-10	35.340	7.068	1.163E-09	10.145	2.029	2.752E-11	57.220	11.444	4.938E-09	14.552	2.910	8.121E-11	11.083	2.217	3.588E-11	-28.465	0.000	0.000E+00
815	32.122	6.424	8.736E-10	50.086	10.017	3.312E-09	29.999	6.000	7.116E-10	38.796	7.759	1.539E-09	95.852	19.170	2.321E-08	31.394	6.279	8.155E-10	23.130	4.626	3.261E-10
816	30.386	6.077	7.394E-10	33.103	6.621	9.561E-10	29.703	5.941	6.907E-10	32.645	6.529	9.169E-10	23.051	4.610	3.228E-10	18.717	3.743	1.728E-10	20.953	4.191	2.424E-10
817	36.289	7.258	1.260E-09	64.647	12.929	7.121E-09	11.412	2.282	3.917E-11	23.927	4.785	3.611E-10	172.307	34.461	1.348E-07	27.112	5.422	5.253E-10	18.253	3.651	1.603E-10
818	32.689	6.538	9.207E-10	25.779	5.156	4.515E-10	42.810	8.562	2.068E-09	54.914	10.983	4.365E-09	-66.752	0.000	0.000E+00	33.687	6.737	1.008E-09	32.517	6.503	9.062E-10
819	13.105	2.621	5.932E-11	18.788	3.758	1.748E-10	21.404	4.281	2.584E-10	43.389	8.678	2.153E-09	89.586	17.917	1.895E-08	37.358	7.472	1.374E-09	-16.660	0.000	0.000E+00
820	32.157	6.431	8.764E-10	30.731	6.146	7.650E-10	53.212	10.642	3.971E-09	85.719	17.144	1.660E-08	26.784	5.357	5.064E-10	15.532	3.106	9.875E-11	25.816	5.163	4.535E-10
821	-19.713	0.000	0.000E+00	25.835	5.167	4.545E-10	27.662	5.532	5.579E-10	69.100	13.820	8.696E-09	17.842	3.568	1.497E-10	23.084	4.617	3.242E-10	10.361	2.072	2.931E-11
822	34.046	6.809	1.040E-09	23.934	4.787	3.613E-10	25.813	5.163	4.533E-10	-57.750	0.000	0.000E+00	94.195	18.839	2.203E-08	39.308	7.862	1.601E-09	17.863	3.573	1.502E-10
823	25.302	5.060	4.269E-10	22.547	4.509	3.021E-10	23.599	4.720	3.464E-10	32.358	6.472	8.930E-10	88.140	17.628	1.805E-08	28.037	5.607	5.809E-10	32.474	6.495	9.026E-10
824	26.325	5.265	4.808E-10	25.533	5.107	4.387E-10	15.424	3.085	9.671E-11	40.443	8.089	1.744E-09	37.411	7.482	1.380E-09	29.575	5.915	6.818E-10	22.031	4.406	2.818E-10
825	22.201	4.440	2.884E-10	12.132	2.426	4.706E-11	23.504	4.701	3.422E-10	26.066	5.213	4.668E-10	93.185	18.637	2.133E-08	21.347	4.269	2.564E-10	10.437	2.087	2.997E-11
826	28.427	5.685	6.055E-10	26.240	5.248	4.762E-10	30.160	6.032	7.231E-10	55.474	11.095	4.500E-09	32.901	6.580	9.386E-10	25.125	5.025	4.180E-10	29.740	5.948	6.933E-10
827	36.828	7.366	1.316E-09	30.121	6.024	7.203E-10	42.024	8.405	1.956E-09	-41.873	0.000	0.000E+00	92.757	18.551	2.103E-08	31.882	6.376	8.541E-10	25.845	5.169	4.550E-10
828	-20.596	0.000	0.000E+00	34.051	6.810	1.041E-09	28.262	5.652	5.950E-10	45.517	9.103	2.486E-09	13.629	2.726	6.673E-11	26.560	5.312	4.938E-10	33.287	6.657	9.721E-10
829	28.051	5.610	5.818E-10	27.560	5.512	5.517E-10	42.064	8.413	1.962E-09	86.425	17.285	1.701E-08	96.573	19.315	2.374E-08	56.843	11.369	4.841E-09	26.661	5.332	4.995E-10
830	26.508	5.302	4.909E-10	35.266	7.053	1.156E-09	32.367	6.473	8.937E-10	30.372	6.074	7.384E-10	22.470	4.494	2.990E-10	10.028	2.006	2.658E-11	10.812	2.162	3.332E-11
831	25.838	5.168	4.547E-10	28.600	5.720	6.166E-10	25.059	5.012	4.148E-10	37.023	7.405	1.338E-09	67.119	13.424	7.969E-09	26.047	5.209	4.657E-10	15.212	3.042	9.278E-11
832	36.663	7.333	1.299E-09	19.362	3.872	1.913E-10	27.800	5.560	5.663E-10	54.319	10.864	4.224E-09	31.711	6.342	8.405E-10	60.759	12.152	5.912E-09	97.342	19.468	2.431E-08
833	33.589	6.718	9.988E-10	26.064	5.213	4.667E-10	81.694	16.339	1.437E-08	52.336	10.467	3.778E-09	11.077	2.215	3.582E-11	31.122	6.224	7.945E-10	30.325	6.065	7.350E-10
834	27.451	5.490	5.452E-10	30.508	6.102	7.484E-10	39.157	7.831	1.582E-09	26.066	5.213	4.668E-10	31.104	6.221	7.931E-10	31.486	6.297	8.227E-10	24.106	4.821	3.692E-10
835	42.915	8.583	2.083E-09	45.736	9.147	2.522E-09	29.579	5.916	6.821E-10	15.056	3.011	8.996E-11	84.201	16.840	1.573E-08	58.946	11.789	5.398E-09	22.552	4.510	3.023E-10
836	23.470	4.694	3.407E-10	27.327	5.465	5.379E-10	35.299	7.060	1.159E-09	64.658	12.932	7.125E-09	12.016	2.403	4.572E-11	28.709	5.742	6.236E-10	12.068	2.414	4.632E-11
837	10.616	2.123	3.154E-11	34.970	6.994	1.127E-09	21.976	4.395	2.797E-10	23.015	4.603	3.213E-10	90.837	18.167	1.975E-08	13.755	2.751	6.858E-11	58.217	11.643	5.200E-09
838	28.098	5.620	5.847E-10	34.985	6.997	1.129E-09	25.991	5.198	4.628E-10	74.208	14.842	1.077E-08	27.483	5.497	5.471E-10	15.853	3.171	1.050E-10	13.790	2.758	6.911E-11
839	23.358	4.672	3.359E-10	15.491	3.098	9.797E-11	29.300	5.860	6.629E-10	30.433	6.087	7.429E-10	32.046	6.409	8.674E-10	23.864	4.773	3.582E-10	29.915	5.983	7.056E-10
840	25.255	5.051	4.245E-10	-22.315	0.000	0.000E+00	40.196	8.039	1.712E-09	84.154	16.831	1.571E-08	47.154	9.431	2.763E-09	39.066	7.813	1.571E-09	31.385	6.277	8.148E-10
841	30.113	6.023	7.197E-10	30.774	6.155	7.681E-10	28.426	5.685	6.054E-10	27.129	5.426	5.262E-10	26.434	5.287	4.868E-10	29.268	5.854	6.608E-10	86.069	17.214	1.680E-08
842	31.644	6.329	8.352E-10	32.556	6.511	9.095E-10	30.367	6.073	7.381E-10	55.579	11.116	4.525E-09	52.194	10.439	3.471E-09	39.124	7.825	1.578E-09	18.707	3.741	1.725E-10
843	10.971	2.194	3.481E-11	42.759	8.552	2.061E-09	33.930	6.786	1.030E-09	20.409	4.082	2.241E-10	16.265	3.253	1.134E-10	95.626	19.125	2.305E-08	37.784	7.557	1.422E-09
844	20.281	4.056	2.199E-10	19.918	3.984	2.083E-10	26.794	5.359	5.070E-10	45.218	9.044	2.437E-09	32.367	6.473	8.937E-10	25.901	5.180	4.580E-10	14.708	2.942	8.386E-11
845	11.078	2.216	3.583E-11	30.849	6.170	7.738E-10	78.452	15.690	1.273E-08	55.619	11.124	4.535E-09	88.388	17.678	1.820E-0						

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
846	31.779	6.356	8.459E-10	25.883	5.177	4.570E-10	35.872	7.174	1.217E-09	33.032	6.606	9.500E-10	39.115	7.823	1.577E-09	31.568	6.314	8.292E-10	18.734	3.747	1.733E-10
847	12.188	2.438	4.772E-11	12.664	2.533	5.353E-11	36.692	7.338	1.302E-09	34.602	6.920	1.092E-09	44.656	8.931	2.347E-09	13.193	2.639	6.053E-11	29.676	5.935	6.888E-10
848	87.849	17.570	1.787E-08	28.406	5.681	6.041E-10	40.910	8.182	1.805E-09	18.248	3.650	1.602E-10	11.957	2.391	4.505E-11	24.107	4.821	3.693E-10	-20.906	0.000	0.000E+00
849	10.001	2.000	2.636E-11	34.609	6.922	1.093E-09	25.771	5.154	4.511E-10	28.489	5.698	6.094E-10	10.235	2.047	2.826E-11	30.910	6.182	7.784E-10	33.065	6.613	9.528E-10
850	23.121	4.624	3.258E-10	32.290	6.458	8.874E-10	-21.110	0.000	0.000E+00	12.212	2.442	4.800E-11	90.899	18.180	1.980E-08	27.679	5.536	5.589E-10	48.043	9.609	2.923E-09
851	10.510	2.102	3.060E-11	36.194	7.239	1.250E-09	28.398	5.680	6.036E-10	33.916	6.783	1.028E-09	24.557	4.911	3.903E-10	25.589	5.118	4.416E-10	32.810	6.562	9.309E-10
852	11.287	2.257	3.790E-11	12.353	2.471	4.969E-11	29.549	5.910	6.800E-10	19.462	3.892	1.943E-10	25.851	5.170	4.553E-10	63.248	12.650	6.668E-09	31.061	6.212	7.898E-10
853	88.353	17.671	1.818E-08	25.617	5.123	4.431E-10	13.294	2.659	6.192E-11	30.822	6.164	7.718E-10	58.636	11.727	5.313E-09	42.296	8.459	1.994E-09	30.056	6.011	7.156E-10
854	16.804	3.361	1.251E-10	25.729	5.146	4.489E-10	29.295	5.859	6.626E-10	18.592	3.718	1.694E-10	67.257	13.451	8.019E-09	30.334	6.067	7.357E-10	33.411	6.682	9.830E-10
855	18.185	3.637	1.585E-10	31.646	6.329	8.353E-10	30.900	6.180	7.776E-10	25.779	5.156	4.515E-10	25.950	5.190	4.606E-10	37.451	7.490	1.385E-09	21.300	4.260	2.547E-10
856	25.786	5.157	4.519E-10	25.877	5.175	4.567E-10	33.503	6.701	9.912E-10	81.709	16.342	1.438E-08	12.193	2.439	4.778E-11	58.266	11.653	5.214E-09	34.051	6.810	1.041E-09
857	10.876	2.175	3.390E-11	22.958	4.592	3.189E-10	42.655	8.531	2.045E-09	90.783	18.157	1.972E-08	19.022	3.804	1.814E-10	32.158	6.432	8.765E-10	28.991	5.798	6.422E-10
858	41.780	8.356	1.922E-09	33.082	6.616	9.542E-10	17.658	3.532	1.451E-10	28.812	5.762	6.304E-10	71.293	14.259	9.551E-09	94.731	18.946	2.241E-08	158.209	31.642	1.044E-07
859	21.236	4.247	2.524E-10	29.529	5.906	6.787E-10	12.190	2.438	4.774E-11	62.430	12.486	6.413E-09	28.706	5.741	6.234E-10	21.701	4.340	2.693E-10	95.315	19.063	2.282E-08
860	66.154	13.231	7.631E-09	24.334	4.867	3.798E-10	25.884	5.177	4.571E-10	-36.311	0.000	0.000E+00	71.418	14.284	9.601E-09	29.130	5.826	6.515E-10	36.258	7.252	1.256E-09
861	25.539	5.108	4.391E-10	26.172	5.234	4.725E-10	11.118	2.224	3.622E-11	16.360	3.272	1.154E-10	92.088	18.418	2.058E-08	35.330	7.066	1.162E-09	97.939	19.588	2.476E-08
862	31.001	6.200	7.852E-10	31.778	6.356	8.458E-10	11.089	2.218	3.594E-11	30.687	6.137	7.616E-10	93.338	18.668	2.143E-08	45.689	9.138	2.514E-09	96.890	19.378	2.397E-08
863	23.527	4.705	3.433E-10	24.281	4.856	3.773E-10	26.848	5.370	5.101E-10	98.478	19.696	2.517E-08	95.465	19.093	2.293E-08	97.476	19.495	2.441E-08	29.981	5.996	7.103E-10
864	36.529	7.306	1.285E-09	25.172	5.034	4.204E-10	29.126	5.825	6.512E-10	20.269	4.054	2.195E-10	11.633	2.327	4.149E-11	30.457	6.091	7.446E-10	31.043	6.209	7.885E-10
865	103.761	20.752	2.944E-08	28.013	5.603	5.794E-10	34.174	6.835	1.052E-09	91.705	18.341	2.033E-08	28.961	5.792	6.402E-10	11.432	2.286	3.938E-11	22.998	4.600	3.206E-10
866	32.768	6.554	9.274E-10	25.455	5.091	4.347E-10	27.767	5.553	5.643E-10	32.032	6.406	8.663E-10	97.662	19.532	2.455E-08	26.723	5.345	5.029E-10	62.393	12.479	6.402E-09
867	167.181	33.436	1.232E-07	26.490	5.298	4.899E-10	26.687	5.337	5.009E-10	27.798	5.560	5.661E-10	15.675	3.135	1.015E-10	21.967	4.393	2.794E-10	86.240	17.248	1.691E-08
868	11.840	2.368	4.375E-11	30.343	6.069	7.363E-10	43.464	8.693	2.164E-09	21.950	4.390	2.787E-10	53.957	10.791	4.140E-09	27.860	5.572	5.699E-10	34.848	6.970	1.115E-09
869	58.220	11.644	5.201E-09	22.202	4.440	2.884E-10	26.693	5.339	5.013E-10	25.434	5.087	4.337E-10	21.837	4.367	2.745E-10	31.884	6.377	8.543E-10	42.218	8.444	1.983E-09
870	87.142	17.428	1.744E-08	24.321	4.864	3.792E-10	32.384	6.477	8.952E-10	35.893	7.179	1.219E-09	94.988	18.998	2.259E-08	29.953	5.991	7.083E-10	28.407	5.681	6.042E-10
871	-22.009	0.000	0.000E+00	27.955	5.591	5.758E-10	35.487	7.097	1.178E-09	19.546	3.909	1.968E-10	28.545	5.709	6.130E-10	27.412	5.482	5.429E-10	26.797	5.359	5.072E-10
872	25.080	5.016	4.158E-10	43.695	8.739	2.199E-09	30.400	6.080	7.404E-10	66.430	13.286	7.727E-09	49.386	9.877	3.175E-09	30.027	6.005	7.136E-10	26.383	5.277	4.840E-10
873	24.391	4.878	3.825E-10	25.791	5.158	4.522E-10	55.844	11.169	4.590E-09	11.653	2.331	4.171E-11	80.503	16.101	1.375E-08	33.578	6.716	9.978E-10	31.722	6.344	8.413E-10
874	19.489	3.898	1.951E-10	27.567	5.513	5.522E-10	25.899	5.180	4.579E-10	29.338	5.868	6.655E-10	56.881	11.376	4.851E-09	59.946	11.989	5.678E-09	96.222	19.244	2.348E-08
875	33.282	6.656	9.717E-10	39.297	7.859	1.599E-09	24.641	4.928	3.943E-10	28.824	5.765	6.312E-10	41.258	8.252	1.851E-09	38.626	7.725	1.519E-09	38.990	7.798	1.562E-09
876	94.264	18.853	2.208E-08	10.238	2.048	2.829E-11	33.494	6.699	9.904E-10	55.779	11.156	4.574E-09	11.252	2.250	3.754E-11	102.781	20.556	2.862E-08	36.377	7.275	1.269E-09
877	101.325	20.265	2.742E-08	29.353	5.871	6.665E-10	28.710	5.742	6.237E-10	21.447	4.289	2.600E-10	104.045	20.809	2.969E-08	26.101	5.220	4.687E-10	15.496	3.099	9.807E-11
878	31.102	6.220	7.930E-10	17.677	3.535	1.456E-10	30.991	6.198	7.845E-10	11.319	2.264	3.822E-11	31.251	6.250	8.044E-10	11.031	2.206	3.538E-11	59.201	11.840	5.469E-09
879	37.505	7.501	1.390E-09	32.126	6.425	8.739E-10	23.935	4.787	3.614E-10	49.216	9.843	3.142E-09	94.342	18.868	2.213E-08	52.797	10.559	3.879E-09	28.762	5.752	6.271E-10
880	12.704	2.541	5.404E-11	31.593	6.319	8.311E-10	26.272	5.254	4.779E-10	27.207	5.441	5.308E-10	25.619	5.124	4.432E-10	-25.696	0.000	0.000E+00	30.767	6.153	7.676E-10
881	26.067	5.213	4.668E-10	32.050	6.410	8.677E-10	23.672	4.734	3.496E-10	10.176	2.035	2.778E-11	100.509	20.102	2.676E-08	48.860	9.772	3.074E-09	28.939	5.788	6.387E-10
882	26.900	5.380	5.130E-10	28.974	5.795	6.411E-10	11.697	2.339	4.218E-11	35.354	7.071	1.165E-09	24.536	4.907	3.893E-10	55.775	11.155	4.573E-09	55.209	11.042	4.435E-09
883	96.384	19.277	2.360E-08	25.348	5.070	4.292E-10	25.173	5.035	4.204E-10	59.366	11.873	5.514E-09	20.731	4.146	2.348E-10	25.632	5.126	4.438E-10	29.294	5.859	6.628E-10
884	10.507	2.101	3.057E-11	32.994	6.599	9.467E-10	37.964	7.593	1.442E-09	30.244	6.049	7.291E-10	87.459	17.492	1.763E-08	41.196	8.239	1.843E-09	58.945	11.789	5.398E-09
885	31.359	6.272	8.128E-10	28.217	5.643	5.921E-10	43.970	8.794	2.241E-09	30.727	6.145	7.646E-10	54.946	10.989	4.372E-09	10.249	2.050	2.837E-11	39.189	7.838	1.586E-09
886	30.433	6.087	7.429E-10	40.506	8.101	1.752E-09	26.850	5.370	5.102E-10	28.425	5.685	6.053E-10	11.809	2.362	4.340E-11	31.382	6.276	8.146E-10	10.532	2.106	3.079E-11
887	31.428	6.286	8.182E-10	11.413	2.283	3.919E-11	91.677	18.335	2.031E-08	78.581	15.716	1.279E-08	17.046	3.409	1.305E-10	27.799	5.560	5.662E-10	31.217	6.243	8.018E-10
888	34.410	6.882	1.074E-09	27.883	5.577	5.714E-10	24.156	4.831	3.715E-10	27.207	5.441	5.308E-10	33.988	6.798	1.035E-09	96.233	19.247	2.349E-08	58.191	11.638	5.194E-09
889	13.433	2.687	6.389E-11	32.029	6.406	8.660E-10	25.717	5.143	4.483E-10	35.982	7.196	1.228E-09	11.057	2.211	3.562E-11	12.133	2.427	4.708E-11	50.285	10.057	3.351E-09
890	23.821	4.764	3.563E-10	29.681	5.936	6.892E-10	29.655	5.931	6.873E-10	31.679	6.336	8.379E-10	94.186	18.837	2.202E-08						

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
891	30.501	6.100	7.479E-10	30.266	6.053	7.307E-10	28.866	5.773	6.340E-10	96.529	19.306	2.371E-08	27.795	5.559	5.660E-10	44.365	8.873	2.302E-09	92.895	18.579	2.113E-08
892	151.416	30.283	9.150E-08	10.129	2.026	2.739E-11	89.307	17.861	1.877E-08	25.522	5.104	4.381E-10	92.598	18.520	2.093E-08	94.078	18.816	2.195E-08	56.045	11.209	4.640E-09
893	35.495	7.099	1.179E-09	26.722	5.344	5.029E-10	36.641	7.328	1.297E-09	75.997	15.199	1.157E-08	41.848	8.370	1.932E-09	-78.370	0.000	0.000E+00	28.488	5.698	6.093E-10
894	30.960	6.192	7.821E-10	27.600	5.520	5.541E-10	10.743	2.149	3.268E-11	25.573	5.115	4.408E-10	95.501	19.100	2.296E-08	11.574	2.315	4.086E-11	26.288	5.258	4.788E-10
895	10.288	2.058	2.870E-11	24.766	4.953	4.004E-10	23.674	4.735	3.497E-10	85.648	17.130	1.656E-08	23.451	4.690	3.399E-10	74.139	14.828	1.074E-08	14.792	2.958	8.531E-11
896	123.539	24.708	4.969E-08	31.158	6.232	7.973E-10	27.734	5.547	5.622E-10	92.025	18.405	2.054E-08	32.537	6.507	9.078E-10	37.491	7.498	1.389E-09	-24.238	0.000	0.000E+00
897	96.746	19.349	2.387E-08	32.357	6.471	8.929E-10	88.740	17.748	1.842E-08	28.732	5.746	6.251E-10	23.276	4.655	3.324E-10	23.175	4.635	3.280E-10	56.261	11.252	4.694E-09
898	11.083	2.217	3.588E-11	24.478	4.896	3.865E-10	163.778	32.756	1.158E-07	93.455	18.691	2.151E-08	23.744	4.749	3.528E-10	-56.286	0.000	0.000E+00	29.911	5.982	7.053E-10
899	21.288	4.258	2.543E-10	12.152	2.430	4.730E-11	29.676	5.935	6.888E-10	52.696	10.539	3.857E-09	56.959	11.392	4.871E-09	17.163	3.433	1.333E-10	51.727	10.345	3.648E-09
900	18.907	3.781	1.781E-10	30.745	6.149	7.660E-10	23.640	4.728	3.482E-10	28.248	5.650	5.941E-10	40.398	8.080	1.738E-09	47.598	9.520	2.842E-09	35.718	7.144	1.201E-09
901	30.210	6.042	7.267E-10	20.014	4.003	2.113E-10	25.641	5.128	4.443E-10	89.293	17.859	1.876E-08	27.297	5.459	5.361E-10	46.053	9.211	2.574E-09	24.241	4.848	3.755E-10
902	13.400	2.680	6.341E-11	-21.498	0.000	0.000E+00	-17.346	0.000	0.000E+00	34.222	6.844	1.056E-09	59.609	11.922	5.582E-09	10.495	2.099	3.047E-11	78.640	15.728	1.282E-08
903	63.082	12.616	6.616E-09	22.323	4.465	2.932E-10	10.535	2.107	3.082E-11	16.542	3.308	1.193E-10	38.575	7.715	1.513E-09	27.529	5.506	5.499E-10	99.063	19.813	2.562E-08
904	28.744	5.749	6.259E-10	93.786	18.757	2.174E-08	22.484	4.497	2.996E-10	87.071	17.414	1.740E-08	138.175	27.635	6.953E-08	20.316	4.063	2.210E-10	20.747	4.149	2.354E-10
905	26.176	5.235	4.727E-10	32.949	6.590	9.428E-10	86.438	17.288	1.702E-08	54.578	10.916	4.285E-09	14.166	2.833	7.493E-11	33.398	6.680	9.818E-10	89.072	17.814	1.863E-08
906	34.534	6.907	1.085E-09	94.826	18.965	2.247E-08	27.549	5.510	5.511E-10	11.918	2.384	4.461E-11	12.006	2.401	4.562E-11	13.539	2.708	6.541E-11	34.542	6.908	1.086E-09
907	-45.072	0.000	0.000E+00	79.763	15.953	1.338E-08	27.446	5.489	5.449E-10	55.583	11.117	4.526E-09	93.209	18.642	2.134E-08	83.874	16.775	1.555E-08	101.951	20.390	2.793E-08
908	53.027	10.605	3.930E-09	24.750	4.950	3.996E-10	97.959	19.592	2.478E-08	81.745	16.349	1.440E-08	21.177	4.235	2.503E-10	55.385	11.077	4.478E-09	93.610	18.722	2.162E-08
909	66.411	13.282	7.720E-09	98.368	19.674	2.509E-08	-81.660	0.000	0.000E+00	92.182	18.436	2.065E-08	34.524	6.905	1.085E-09	65.234	13.047	7.317E-09	94.482	18.896	2.223E-08
910	25.064	5.013	4.150E-10	23.627	4.725	4.150E-10	-63.187	0.000	0.000E+00	95.607	19.121	2.303E-08	30.907	6.181	7.782E-10	89.354	17.871	1.880E-08	28.222	5.644	5.924E-10
911	23.484	4.697	3.414E-10	28.817	5.763	6.307E-10	11.639	2.328	4.155E-11	35.515	7.103	1.181E-09	36.482	7.296	1.280E-09	34.595	6.919	1.091E-09	62.899	12.580	6.559E-09
912	19.608	3.922	1.987E-10	35.998	7.200	1.230E-09	56.126	11.225	4.660E-09	94.835	18.967	2.248E-08	76.608	15.322	1.185E-08	59.019	11.804	5.418E-09	57.230	11.446	4.940E-09
913	52.535	10.507	3.822E-09	61.818	12.364	6.227E-09	27.335	5.467	5.384E-10	33.054	6.611	9.519E-10	10.351	2.070	2.923E-11	90.815	18.163	1.974E-08	163.872	32.774	1.160E-07
914	27.558	5.512	5.516E-10	66.898	13.380	7.891E-09	12.853	2.571	5.597E-11	31.527	6.305	8.259E-10				22.972	4.594	3.195E-10	-92.734	0.000	0.000E+00
915	67.601	13.520	8.142E-09	30.387	6.077	7.396E-10	25.324	5.065	4.280E-10	88.845	17.769	1.848E-08				88.281	17.656	1.813E-08	-85.961	0.000	0.000E+00
916	13.496	2.699	6.479E-11	42.121	8.424	1.970E-09	14.090	2.818	7.373E-11	26.222	5.244	4.752E-10				22.386	4.477	2.957E-10	85.486	17.097	1.647E-08
917	39.650	7.930	1.643E-09	23.087	4.617	3.243E-10	28.342	5.668	6.000E-10	24.784	4.957	4.012E-10				92.996	18.599	2.120E-08	98.534	19.707	2.521E-08
918	59.206	11.841	5.470E-09	25.876	5.175	4.566E-10	95.419	19.084	2.290E-08	53.644	10.729	4.069E-09				52.759	10.552	3.871E-09	21.861	4.372	2.754E-10
919	23.002	4.600	3.208E-10	27.794	5.559	5.659E-10	24.623	4.925	3.935E-10	87.832	17.566	1.786E-08				62.783	12.557	6.523E-09	28.048	5.610	5.816E-10
920	143.150	28.630	7.732E-08	27.989	5.598	5.779E-10	97.964	19.593	2.478E-08	49.782	9.956	3.252E-09				30.499	6.100	7.478E-10	95.794	19.159	2.317E-08
921	93.223	18.645	2.135E-08	33.275	6.655	9.710E-10	23.042	4.608	3.224E-10	60.546	12.109	5.850E-09				91.727	18.345	2.034E-08	86.113	17.223	1.683E-08
922	92.589	18.518	2.092E-08	-30.084	0.000	0.000E+00	32.194	6.439	8.795E-10	66.437	13.287	7.729E-09				96.132	19.226	2.341E-08	93.303	18.661	2.141E-08
923	30.219	6.044	7.274E-10	39.485	7.897	1.623E-09	81.425	16.285	1.423E-08	47.486	9.497	2.822E-09				89.025	17.805	1.860E-08	20.028	4.006	2.117E-10
924	62.551	12.510	6.451E-09	11.618	2.324	4.133E-11	27.316	5.463	5.372E-10	81.304	16.261	1.417E-08				96.118	19.224	2.340E-08	80.507	16.101	1.375E-08
925	-44.816	0.000	0.000E+00	11.352	2.270	3.856E-11	96.688	19.338	2.382E-08	53.007	10.601	3.925E-09				87.833	17.567	1.786E-08	52.146	10.429	3.737E-09
926	78.512	15.702	1.276E-08	10.836	2.167	3.353E-11	88.033	17.607	1.798E-08	32.730	6.546	9.241E-10				22.805	4.561	3.126E-10	17.254	3.451	1.354E-10
927	10.639	2.128	3.174E-11	35.244	7.049	1.154E-09	10.651	2.130	3.185E-11	25.662	5.132	4.454E-10				98.957	19.791	2.554E-08	100.944	20.189	2.711E-08
928	27.835	5.567	5.684E-10	37.997	7.599	1.446E-09	30.182	6.036	7.247E-10	95.004	19.001	2.260E-08				74.897	14.979	1.107E-08	69.711	13.942	8.929E-09
929	-81.184	0.000	0.000E+00	27.346	5.469	5.390E-10	28.022	5.604	5.800E-10	86.166	17.233	1.686E-08				-27.966	0.000	0.000E+00	85.695	17.139	1.659E-08
930	29.391	5.878	6.692E-10	26.253	5.251	4.769E-10	-39.068	0.000	0.000E+00	50.987	10.197	3.493E-09				64.139	12.828	6.954E-09	60.545	12.109	5.850E-09
931	40.243	8.049	1.718E-09	95.473	19.095	2.294E-08	24.824	4.965	4.032E-10	34.826	6.965	1.113E-09				73.242	14.648	1.036E-08	58.613	11.723	5.307E-09
932	87.537	17.507	1.768E-08	37.963	7.593	1.442E-09	33.185	6.637	9.632E-10	29.034	5.807	6.451E-10				24.874	4.975	4.056E-10	96.612	19.322	2.377E-08
933	108.951	21.790	3.409E-08	15.213	3.043	9.280E-11	24.400	4.880	3.829E-10	97.773	19.555	2.463E-08				63.820	12.764	6.851E-09	-37.976	0.000	0.000E+00
934	123.216	24.643	4.931E-08	30.130	6.026	7.209E-10	33.530	6.706	9.935E-10	31.846	6.369	8.512E-10				34.469	6.894	1.079E-09	95.177	19.035	2.272E-08
935	24.028	4.806	3.656E-10	13.211	2.642	6.077E-11	167.716	33.543	1.243E-07	20.176	4.035	2.165E-10				73.305	14.661	1.038E-08	89.634	17.927	1.898E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
936	89.913	17.983	1.916E-08	13.214	2.643	6.081E-11	58.763	11.753	5.348E-09	91.119	18.224	1.994E-08				99.351	19.870	2.585E-08	-55.438	0.000	0.000E+00
937	-75.832	0.000	0.000E+00	29.356	5.871	6.668E-10	88.163	17.633	1.806E-08	36.152	7.230	1.245E-09				69.765	13.953	8.949E-09	92.168	18.434	2.064E-08
938	96.292	19.258	2.353E-08	54.918	10.984	4.366E-09	31.170	6.234	7.982E-10	26.615	5.323	4.969E-10				95.021	19.004	2.261E-08	97.219	19.444	2.422E-08
939	78.251	15.650	1.263E-08	33.009	6.602	9.479E-10	30.099	6.020	7.187E-10	22.479	4.496	2.994E-10				-87.842	0.000	0.000E+00	29.213	5.843	6.571E-10
940	99.410	19.882	2.589E-08	23.457	4.691	3.402E-10	31.139	6.228	7.958E-10	84.336	16.867	1.581E-08				-20.413	0.000	0.000E+00	32.045	6.409	8.673E-10
941	87.122	17.424	1.743E-08	27.312	5.462	5.370E-10	54.229	10.846	4.203E-09	67.269	13.454	8.023E-09				94.170	18.834	2.201E-08	28.071	5.614	5.830E-10
942	37.346	7.469	1.373E-09	31.794	6.359	8.471E-10	13.760	2.752	6.867E-11	33.578	6.716	9.978E-10				24.083	4.817	3.682E-10	21.447	4.289	2.600E-10
943	56.539	11.308	4.764E-09	32.047	6.409	8.675E-10	89.726	17.945	1.904E-08	31.529	6.306	8.261E-10				32.313	6.463	8.892E-10	76.750	15.350	1.192E-08
944	72.000	14.400	9.838E-09	103.703	20.741	2.939E-08	23.218	4.644	3.299E-10	18.334	3.667	1.624E-10				113.713	22.743	3.875E-08	50.198	10.040	3.334E-09
945	91.279	18.256	2.004E-08	25.694	5.139	4.471E-10	54.892	10.978	4.359E-09	74.005	14.801	1.068E-08				-74.902	0.000	0.000E+00	24.543	4.909	3.897E-10
946	53.802	10.760	4.105E-09	14.407	2.881	7.882E-11	-58.735	0.000	0.000E+00	92.265	18.453	2.070E-08				20.401	4.080	2.238E-10	21.424	4.285	2.592E-10
947	28.765	5.753	6.273E-10	21.389	4.278	2.579E-10	22.498	4.500	3.002E-10	53.421	10.684	4.018E-09				54.867	10.973	4.353E-09	62.729	12.546	6.506E-09
948	115.572	23.114	4.069E-08	94.127	18.825	2.198E-08	117.433	23.487	4.268E-08	22.243	4.449	2.900E-10				89.960	17.992	1.919E-08	97.158	19.432	2.417E-08
949	23.491	4.698	3.417E-10	19.615	3.923	1.989E-10	56.620	11.324	4.784E-09	100.870	20.174	2.705E-08				58.155	11.631	5.184E-09	37.019	7.404	1.337E-09
950	93.391	18.678	2.147E-08	33.413	6.683	9.832E-10	57.750	11.550	5.076E-09	32.340	6.468	8.915E-10				84.058	16.812	1.565E-08	28.742	5.748	6.258E-10
951	85.922	17.184	1.672E-08	67.956	13.591	8.271E-09	79.413	15.883	1.320E-08	22.980	4.596	3.198E-10				32.096	6.419	8.715E-10	91.722	18.344	2.034E-08
952	39.412	7.882	1.613E-09	39.782	7.956	1.659E-09	14.765	2.953	8.483E-11	59.193	11.839	5.466E-09				33.977	6.795	1.034E-09	35.087	7.017	1.138E-09
953	25.377	5.075	4.307E-10	90.175	18.035	1.933E-08	25.239	5.048	4.238E-10	32.116	6.423	8.730E-10				85.357	17.071	1.639E-08	76.857	15.371	1.197E-08
954	32.954	6.591	9.432E-10	29.220	5.844	6.575E-10	59.870	11.974	5.656E-09	94.170	18.834	2.201E-08				75.870	15.174	1.151E-08	86.668	17.334	1.716E-08
955	23.701	4.740	3.509E-10	36.117	7.223	1.242E-09	58.354	11.671	5.237E-09	91.456	18.291	2.016E-08				86.779	17.356	1.722E-08	90.326	18.065	1.942E-08
956	12.145	2.429	4.721E-11	17.957	3.591	1.526E-10	29.457	5.891	6.737E-10	80.589	16.118	1.379E-08				85.680	17.136	1.658E-08	22.561	4.512	3.027E-10
957	60.528	12.106	5.845E-09	29.952	5.990	7.083E-10	88.507	17.701	1.827E-08	50.768	10.154	3.449E-09				76.207	15.241	1.166E-08	95.739	19.148	2.313E-08
958	53.772	10.754	4.098E-09	64.312	12.862	7.011E-09	27.830	5.566	5.681E-10	93.419	18.684	2.149E-08				97.060	19.412	2.410E-08	25.483	5.097	4.362E-10
959	97.431	19.486	2.438E-08	38.129	7.626	1.461E-09	105.693	21.139	3.112E-08	31.566	6.313	8.290E-10				75.491	15.098	1.134E-08	32.445	6.489	9.002E-10
960	26.939	5.388	5.153E-10	14.861	2.972	8.650E-11	99.575	19.915	2.602E-08	15.692	3.138	1.018E-10				22.769	4.554	3.111E-10	38.081	7.616	1.456E-09
961	74.181	14.836	1.076E-08	26.448	5.290	4.876E-10	164.307	32.861	1.169E-07	24.429	4.886	3.842E-10				33.065	6.613	9.528E-10	68.394	13.679	8.432E-09
962	78.358	15.672	1.268E-08	54.522	10.904	4.272E-09	48.986	9.797	3.098E-09	102.058	20.412	2.802E-08				26.950	5.390	5.159E-10	99.057	19.811	2.562E-08
963	85.904	17.181	1.671E-08	100.671	20.134	2.689E-08	79.693	15.939	1.334E-08	84.899	16.980	1.613E-08				96.258	19.252	2.351E-08	92.178	18.436	2.064E-08
964	107.376	21.475	3.263E-08	12.838	2.568	5.577E-11	-77.384	0.000	0.000E+00	33.208	6.642	9.652E-10				92.347	18.469	2.076E-08	37.935	7.587	1.439E-09
965	85.833	17.167	1.667E-08	64.782	12.956	7.165E-09	85.116	17.023	1.625E-08	23.917	4.783	3.606E-10				100.950	20.190	2.712E-08	30.770	6.154	7.678E-10
966	94.463	18.893	2.222E-08	30.548	6.110	7.513E-10	36.494	7.299	1.281E-09	25.931	5.186	4.595E-10				11.393	2.279	3.898E-11	31.649	6.330	8.356E-10
967	33.639	6.728	1.003E-09	36.025	7.205	1.232E-09	102.431	20.486	2.833E-08	94.340	18.868	2.213E-08				19.822	3.964	2.053E-10	59.689	11.938	5.605E-09
968	-15.163	0.000	0.000E+00	36.630	7.326	1.295E-09	48.022	9.604	2.919E-09	34.645	6.929	1.096E-09				32.856	6.571	9.348E-10	103.676	20.735	2.937E-08
969	86.521	17.304	1.707E-08	27.209	5.442	5.309E-10	93.279	18.656	2.139E-08	61.658	12.332	6.178E-09				34.202	6.840	1.054E-09	95.592	19.118	2.302E-08
970	56.143	11.229	4.664E-09	29.950	5.990	7.081E-10	36.786	7.357	1.312E-09	107.243	21.449	3.251E-08				32.309	6.462	8.889E-10	52.824	10.565	3.885E-09
971	32.258	6.452	8.847E-10	25.320	5.064	4.279E-10	66.196	13.239	7.645E-09	86.987	17.397	1.735E-08				23.883	4.777	3.591E-10	86.559	17.312	1.709E-08
972	88.503	17.701	1.827E-08	33.366	6.673	9.790E-10	64.584	12.917	7.100E-09	78.344	15.669	1.267E-08				48.264	9.653	2.963E-09	96.423	19.285	2.363E-08
973	25.792	5.158	4.522E-10	24.501	4.900	3.876E-10	43.299	8.660	2.140E-09	22.442	4.488	2.979E-10				61.417	12.283	6.106E-09	27.493	5.499	5.477E-10
974	90.765	18.153	1.971E-08	98.185	19.637	2.495E-08	11.046	2.209	3.552E-11	29.544	5.909	6.797E-10				47.150	9.430	2.763E-09	32.035	6.407	8.665E-10
975	24.573	4.915	3.911E-10	30.506	6.101	7.482E-10	158.695	31.739	1.053E-07	92.161	18.432	2.063E-08				80.189	16.038	1.359E-08	31.727	6.345	8.418E-10
976	96.185	19.237	2.345E-08	96.634	19.327	2.378E-08	41.665	8.333	1.906E-09	11.763	2.353	4.290E-11				24.773	4.955	4.007E-10	31.834	6.367	8.503E-10
977	91.288	18.258	2.005E-08	64.597	12.919	7.105E-09	50.629	10.126	3.420E-09	30.537	6.107	7.505E-10				25.518	5.104	4.380E-10	93.354	18.671	2.144E-08
978	35.559	7.112	1.185E-09	19.791	3.958	2.043E-10	25.159	5.032	4.197E-10	86.147	17.229	1.685E-08				21.499	4.300	2.619E-10	28.009	5.602	5.792E-10
979	31.239	6.248	8.035E-10	54.559	10.912	4.280E-09	70.210	14.042	9.122E-09	68.150	13.630	8.342E-09				24.612	4.922	3.929E-10	27.182	5.436	5.293E-10
980	94.885	18.977	2.252E-08	88.668	17.734	1.837E-08	18.470	3.694	1.661E-10	45.768	9.154	2.527E-09				89.450	17.890	1.886E-08	97.924	19.585	2.475E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
981	73.503	14.701	1.047E-08	-61.514	0.000	0.000E+00	72.146	14.429	9.897E-09	30.522	6.104	7.495E-10				58.377	11.675	5.243E-09	33.678	6.736	1.007E-09
982	46.019	9.204	2.569E-09	87.476	17.495	1.764E-08	46.600	9.320	2.667E-09	71.862	14.372	9.781E-09				28.659	5.732	6.204E-10	75.540	15.108	1.136E-08
983	30.675	6.135	7.608E-10	86.303	17.261	1.694E-08	44.314	8.863	2.294E-09	96.709	19.342	2.384E-08				96.608	19.322	2.376E-08	19.157	3.831	1.853E-10
984	87.024	17.405	1.737E-08	98.631	19.726	2.529E-08	57.055	11.411	4.895E-09	23.388	4.678	3.372E-10				89.868	17.974	1.913E-08	24.751	4.950	3.996E-10
985	-90.000	0.000	0.000E+00	80.566	16.113	1.378E-08	57.186	11.437	4.929E-09	25.193	5.039	4.214E-10				90.032	18.006	1.923E-08	70.998	14.200	9.433E-09
986	97.342	19.468	2.431E-08	70.185	14.037	9.112E-09	51.425	10.285	3.584E-09	41.238	8.248	1.848E-09				18.471	3.694	1.661E-10	66.366	13.273	7.704E-09
987	96.079	19.216	2.338E-08	-92.873	0.000	0.000E+00	76.184	15.237	1.165E-08	89.077	17.815	1.863E-08				25.527	5.105	4.384E-10	31.943	6.389	8.590E-10
988	31.867	6.373	8.529E-10	30.094	6.019	7.183E-10	99.561	19.912	2.601E-08	89.243	17.849	1.873E-08				34.101	6.820	1.045E-09	34.518	6.904	1.084E-09
989	95.416	19.083	2.290E-08	91.738	18.348	2.035E-08	80.999	16.200	1.401E-08	31.062	6.212	7.899E-10				95.869	19.174	2.322E-08	32.230	6.446	8.824E-10
990	99.159	19.832	2.570E-08	34.577	6.915	1.090E-09	97.577	19.515	2.449E-08	44.715	8.943	2.356E-09				90.439	18.088	1.950E-08	14.026	2.805	7.272E-11
991	57.762	11.552	5.079E-09	89.645	17.929	1.899E-08	50.765	10.153	3.448E-09	40.130	8.026	1.703E-09				19.595	3.919	1.983E-10	40.679	8.136	1.774E-09
992	92.184	18.437	2.065E-08	102.369	20.474	2.827E-08	-32.652	0.000	0.000E+00	53.934	10.787	4.135E-09				58.085	11.617	5.165E-09	10.173	2.035	2.775E-11
993	88.420	17.684	1.822E-08	35.161	7.032	1.146E-09	96.938	19.388	2.401E-08	97.662	19.532	2.455E-08				86.749	17.350	1.721E-08	28.842	5.768	6.323E-10
994	101.291	20.258	2.739E-08	14.785	2.957	8.519E-11	12.937	2.587	5.707E-11	76.545	15.309	1.182E-08				51.582	10.316	3.617E-09	57.601	11.520	5.037E-09
995	78.297	15.659	1.265E-08	29.365	5.873	6.674E-10	56.986	11.397	4.878E-09	29.284	5.857	6.619E-10				59.853	11.971	5.651E-09	13.748	2.750	6.848E-11
996	96.486	19.297	2.367E-08	57.886	11.577	5.112E-09	35.350	7.070	1.164E-09	56.081	11.216	4.649E-09				31.716	6.343	8.409E-10	33.144	6.629	9.596E-10
997	90.838	18.168	1.976E-08	89.594	17.919	1.895E-08	84.772	16.954	1.606E-08	27.382	5.476	5.411E-10				23.603	4.721	3.466E-10	85.153	17.031	1.627E-08
998	22.839	4.568	3.140E-10	32.243	6.449	8.835E-10	155.601	31.120	9.930E-08	20.769	4.154	2.361E-10				99.097	19.819	2.565E-08	32.060	6.412	8.685E-10
999	91.803	18.361	2.039E-08	41.119	8.224	1.832E-09	88.451	17.690	1.824E-08	36.530	7.306	1.285E-09				88.222	17.644	1.810E-08	90.136	18.027	1.930E-08
1000	90.372	18.074	1.945E-08	27.781	5.556	5.651E-10	49.291	9.858	3.156E-09	99.279	19.856	2.579E-08				10.067	2.013	2.689E-11	92.497	18.499	2.086E-08
1001	33.537	6.707	9.942E-10	28.733	5.747	6.252E-10	75.386	15.077	1.129E-08	90.683	18.137	1.965E-08				69.848	13.970	8.982E-09	85.167	17.033	1.628E-08
1002	98.048	19.610	2.484E-08	31.667	6.333	8.370E-10	44.316	8.863	2.294E-09	33.656	6.731	1.005E-09				95.982	19.196	2.331E-08	96.747	19.349	2.387E-08
1003	13.907	2.781	7.089E-11	76.959	15.392	1.201E-08	85.356	17.071	1.639E-08	92.610	18.522	2.093E-08				33.741	6.748	1.012E-09	20.945	4.189	2.422E-10
1004	96.636	19.327	2.379E-08	25.596	5.119	4.420E-10	62.290	12.458	6.370E-09	23.991	4.798	3.639E-10				23.406	4.681	3.380E-10	86.889	17.378	1.729E-08
1005	81.803	16.361	1.443E-08	122.288	24.458	4.820E-08	31.295	6.259	8.079E-10	87.942	17.588	1.793E-08				79.922	15.984	1.346E-08	93.405	18.681	2.148E-08
1006	72.496	14.499	1.004E-08	84.500	16.900	1.590E-08	-16.642	0.000	0.000E+00	35.385	7.077	1.168E-09				35.898	7.180	1.219E-09	26.084	5.217	4.678E-10
1007	88.564	17.713	1.831E-08	22.488	4.498	2.997E-10	33.258	6.652	9.696E-10	60.631	12.126	5.875E-09				28.575	5.715	6.149E-10	88.404	17.681	1.821E-08
1008	26.299	5.260	4.794E-10	82.209	16.442	1.464E-08	101.486	20.297	2.755E-08	11.809	2.362	4.340E-11				24.482	4.896	3.867E-10	98.178	19.636	2.494E-08
1009	57.060	11.412	4.896E-09	58.272	11.654	5.215E-09	11.014	2.203	3.522E-11	96.700	19.340	2.383E-08				34.209	6.842	1.055E-09	94.994	18.999	2.259E-08
1010	97.273	19.455	2.426E-08	63.448	12.690	6.732E-09	-76.989	0.000	0.000E+00	19.580	3.916	1.978E-10				68.706	13.741	8.548E-09	99.872	19.974	2.626E-08
1011	93.736	18.747	2.171E-08	124.784	24.957	5.121E-08	83.236	16.647	1.520E-08	30.605	6.121	7.556E-10				18.949	3.790	1.793E-10	22.369	4.474	2.950E-10
1012	28.345	5.669	6.002E-10	95.620	19.124	2.304E-08	55.051	11.010	4.397E-09	23.358	4.672	3.359E-10				150.465	30.093	8.978E-08	78.154	15.631	1.258E-08
1013	95.482	19.096	2.294E-08	97.811	19.562	2.466E-08	21.793	4.359	2.728E-10	66.987	13.397	7.923E-09				91.693	18.339	2.032E-08	98.573	19.715	2.524E-08
1014	82.325	16.465	1.471E-08	80.139	16.028	1.357E-08	28.981	5.796	6.416E-10	24.182	4.836	3.727E-10				21.011	4.202	2.445E-10	19.110	3.822	1.839E-10
1015	42.690	8.538	2.051E-09	-115.690	0.000	0.000E+00	29.550	5.910	6.801E-10	79.732	15.946	1.336E-08				22.910	4.582	3.169E-10	96.813	19.363	2.392E-08
1016	93.735	18.747	2.171E-08	15.615	3.123	1.004E-10	31.578	6.316	8.299E-10	67.530	13.506	8.117E-09				93.427	18.685	2.149E-08	25.574	5.115	4.409E-10
1017	21.162	4.232	2.498E-10	94.819	18.964	2.247E-08	24.179	4.836	3.726E-10	26.019	5.204	4.642E-10				16.737	3.347	1.236E-10	100.230	20.046	2.654E-08
1018	26.086	5.217	4.678E-10	69.455	13.891	8.831E-09	23.911	4.782	3.603E-10	50.054	10.011	3.305E-09				80.737	16.147	1.387E-08	94.116	18.823	2.197E-08
1019	23.736	4.747	3.525E-10	94.026	18.805	2.191E-08	68.224	13.645	8.370E-09	26.948	5.390	5.158E-10				33.433	6.687	9.849E-10	30.990	6.198	7.844E-10
1020	35.304	7.061	1.160E-09	66.130	13.226	7.622E-09	97.925	19.585	2.475E-08	28.460	5.692	6.076E-10				102.174	20.435	2.811E-08	23.513	4.703	3.426E-10
1021	81.150	16.230	1.408E-08	87.698	17.540	1.778E-08	13.401	2.680	6.344E-11	27.122	5.424	5.258E-10				27.109	5.422	5.251E-10	100.790	20.158	2.699E-08
1022	31.495	6.299	8.234E-10	76.713	15.343	1.190E-08	-67.155	0.000	0.000E+00	25.005	5.001	4.121E-10				88.675	17.735	1.838E-08	31.171	6.234	7.983E-10
1023	-19.761	0.000	0.000E+00	50.049	10.010	3.304E-09	34.977	6.995	1.128E-09	88.457	17.691	1.824E-08				20.760	4.152	2.358E-10	91.658	18.332	2.030E-08
1024	39.051	7.810	1.570E-09	76.055	15.211	1.160E-08	13.396	2.679	6.335E-11	59.241	11.848	5.480E-09				66.402	13.280	7.717E-09	33.428	6.686	9.845E-10
1025	27.657	5.531	5.576E-10	38.498	7.700	1.504E-09	29.367	5.873	6.675E-10	35.441	7.088	1.173E-09				37.970	7.594	1.443E-09	22.791	4.558	3.120E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG03	200000	11.4822	SG03			SG03			SG03			SG03			SG03			SG03		
1026	41.665	8.333	1.906E-09	31.840	6.368	8.508E-10	89.390	17.878	1.883E-08	14.615	2.923	8.227E-11				89.913	17.983	1.916E-08	22.450	4.490	2.982E-10
1027	96.673	19.335	2.381E-08	94.182	18.836	2.202E-08	74.994	14.999	1.112E-08	21.693	4.339	2.690E-10				-22.136	0.000	0.000E+00	24.609	4.922	3.928E-10
1028	89.171	17.834	1.869E-08	26.611	5.322	4.967E-10	82.752	16.550	1.494E-08	26.836	5.367	5.094E-10				69.822	13.964	8.972E-09	94.481	18.896	2.223E-08
1029	85.426	17.085	1.643E-08	34.297	6.859	1.063E-09	78.582	15.716	1.279E-08	77.544	15.509	1.229E-08				19.702	3.940	2.016E-10	95.691	19.138	2.309E-08
1030	24.214	4.843	3.742E-10	99.178	19.836	2.571E-08	13.409	2.682	6.354E-11	31.757	6.351	8.441E-10				94.677	18.935	2.237E-08	29.872	5.974	7.026E-10
1031	24.000	4.800	3.644E-10	24.600	4.920	3.923E-10	83.204	16.641	1.518E-08	92.790	18.558	2.106E-08							76.318	15.264	1.172E-08
1032	52.981	10.596	3.920E-09	90.209	18.042	1.935E-08	29.598	5.920	6.834E-10	95.570	19.114	2.301E-08									
1033	26.564	5.313	4.941E-10	95.422	19.084	2.290E-08	100.825	20.165	2.701E-08	24.964	4.993	4.100E-10									
1034	20.441	4.088	2.251E-10	108.560	21.712	3.372E-08	25.669	5.134	4.458E-10	62.406	12.481	6.406E-09									
1035	24.710	4.942	3.976E-10	98.463	19.693	2.516E-08	33.005	6.601	9.476E-10	100.792	20.158	2.699E-08									
1036	51.742	10.348	3.651E-09	82.781	16.556	1.495E-08	10.181	2.036	2.782E-11	11.811	2.362	4.343E-11									
1037	25.558	5.112	4.400E-10	46.283	9.257	2.613E-09	90.970	18.194	1.984E-08	91.364	18.273	2.010E-08									
1038	80.463	16.093	1.373E-08	53.437	10.687	4.022E-09	-62.315	0.000	0.000E+00	22.418	4.484	2.969E-10									
1039	55.746	11.149	4.566E-09	95.212	19.042	2.275E-08	62.787	12.557	6.524E-09												
1040	45.824	9.165	2.536E-09	69.765	13.953	8.950E-09	47.282	9.456	2.786E-09												
1041	14.024	2.805	7.270E-11	68.902	13.780	8.622E-09	25.381	5.076	4.309E-10												
1042	22.065	4.413	2.831E-10	94.239	18.848	2.206E-08	66.753	13.351	7.840E-09												
1043	55.575	11.115	4.524E-09	101.949	20.390	2.793E-08	31.649	6.330	8.355E-10												
1044	33.468	6.694	9.881E-10	94.290	18.858	2.209E-08	20.206	4.041	2.174E-10												
1045	22.834	4.567	3.138E-10	25.349	5.070	4.293E-10	30.678	6.136	7.610E-10												
1046	25.349	5.070	4.293E-10	26.439	5.288	4.871E-10	21.258	4.252	2.532E-10												
1047	94.869	18.974	2.250E-08	98.459	19.692	2.516E-08	32.881	6.576	9.369E-10												
1048	89.920	17.984	1.916E-08	56.453	11.291	4.742E-09	92.873	18.575	2.111E-08												
1049	173.218	34.644	1.370E-07	34.675	6.935	1.099E-09	28.028	5.606	5.803E-10												
1050	61.964	12.393	6.270E-09	99.472	19.894	2.594E-08	30.072	6.014	7.167E-10												
1051	11.421	2.284	3.927E-11	22.050	4.410	2.826E-10	51.770	10.354	3.657E-09												
1052				73.241	14.648	1.036E-08	70.009	14.002	9.044E-09												
1053				33.202	6.640	9.647E-10	22.250	4.450	2.903E-10												
1054				13.784	2.757	6.903E-11	55.758	11.152	4.569E-09												
1055				94.222	18.844	2.205E-08	30.319	6.064	7.346E-10												
1056				83.583	16.717	1.539E-08	95.360	19.072	2.286E-08												
1057				129.419	25.884	5.713E-08	21.825	4.365	2.740E-10												
1058				47.913	9.583	2.899E-09	24.241	4.848	3.754E-10												
1059				85.787	17.157	1.664E-08	17.300	3.460	1.365E-10												
1060				25.717	5.143	4.483E-10	32.547	6.509	9.087E-10												
1061				27.291	5.458	5.358E-10	-40.880	0.000	0.000E+00												
1062				85.018	17.004	1.620E-08	34.579	6.916	1.090E-09												
1063				85.863	17.173	1.668E-08	22.197	4.439	2.882E-10												
1064				76.417	15.283	1.176E-08	93.944	18.789	2.185E-08												
1065				29.752	5.950	6.941E-10	13.927	2.785	7.119E-11												
1066				45.830	9.166	2.537E-09	14.090	2.818	7.373E-11												
1067				22.814	4.563	3.130E-10	81.784	16.357	1.442E-08												
1068				31.679	6.336	8.379E-10	17.327	3.465	1.371E-10												
1069				34.033	6.807	1.039E-09	29.760	5.952	6.947E-10												
1070				57.270	11.454	4.951E-09															

[illegible]

Flyover 3 - Span 7 (34.40 m) - IG-04
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4		Day 5		Day 6		Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
Max.	44.283	2.861E-07		45.718	3.148E-07		32.189	1.099E-07		26.194	5.921E-08	41.530	2.360E-07	24.070	4.594E-08	33.967	1.291E-07
Cum.	-	1.689E-06		-	1.822E-06		-	1.584E-06		-	2.131E-06	-	1.433E-06	-	1.296E-06	-	1.756E-06

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
1	54.099	10.820	4.173E-09	10.301	2.060	2.881E-11	56.087	11.217	4.650E-09	43.793	8.759	2.214E-09	51.350	10.270	3.569E-09	29.458	5.892	6.737E-10	13.861	2.772	7.019E-11
2	35.839	7.168	1.213E-09	10.988	2.198	3.497E-11	21.865	4.373	2.755E-10	54.567	10.913	4.282E-09	63.777	12.755	6.837E-09	45.773	9.155	2.528E-09	27.871	5.574	5.706E-10
3	20.858	4.172	2.392E-10	30.187	6.037	7.250E-10	51.764	10.353	3.656E-09	45.029	9.006	2.406E-09	117.509	23.502	4.277E-08	10.681	2.136	3.212E-11	34.829	6.966	1.114E-09
4	76.896	15.379	1.198E-08	44.917	8.983	2.388E-09	45.159	9.032	2.427E-09	67.450	13.490	8.088E-09	19.280	3.856	1.889E-10	39.781	7.956	1.659E-09	50.398	10.080	3.374E-09
5	45.630	9.126	2.504E-09	44.544	8.909	2.329E-09	47.979	9.596	2.911E-09	8.584	1.717	1.667E-11	26.928	5.386	5.146E-10	59.026	11.805	5.420E-09	25.289	5.058	4.263E-10
6	28.356	5.671	6.009E-10	38.714	7.743	1.529E-09	41.207	8.241	1.844E-09	48.425	9.685	2.993E-09	44.948	8.990	2.393E-09	7.421	1.484	1.077E-11	31.524	6.305	8.257E-10
7	30.709	6.142	7.633E-10	9.850	1.970	2.519E-11	37.999	7.600	1.446E-09	14.254	2.851	7.634E-11	47.447	9.489	2.815E-09	56.163	11.233	4.669E-09	51.952	10.390	3.696E-09
8	34.789	6.958	1.110E-09	55.642	11.128	4.541E-09	23.860	4.772	3.580E-10	45.820	9.164	2.536E-09	83.323	16.665	1.525E-08	26.828	5.366	5.089E-10	8.093	1.619	1.397E-11
9	18.153	3.631	1.577E-10	52.521	10.504	3.818E-09	54.116	10.823	4.177E-09	15.730	3.146	1.026E-10	28.589	5.718	6.158E-10	12.266	2.453	4.864E-11	61.548	12.310	6.145E-09
10	48.316	9.663	2.973E-09	43.215	8.643	2.127E-09	13.191	2.638	6.049E-11	31.371	6.274	8.137E-10	86.697	17.339	1.718E-08	25.948	5.190	4.605E-10	45.510	9.102	2.484E-09
11	43.619	8.724	2.187E-09	17.277	3.455	1.359E-10	34.254	6.851	1.059E-09	48.885	9.777	3.079E-09	82.326	16.465	1.471E-08	19.562	3.912	1.973E-10	26.957	5.391	5.163E-10
12	48.224	9.645	2.956E-09	30.310	6.062	7.339E-10	39.742	7.948	1.654E-09	52.532	10.506	3.821E-09	55.822	11.164	4.585E-09	54.860	10.972	4.352E-09	26.609	5.322	4.966E-10
13	29.928	5.986	7.065E-10	43.574	8.715	2.181E-09	43.549	8.710	2.177E-09	50.344	10.069	3.363E-09	29.685	5.937	6.894E-10	17.829	3.566	1.494E-10	13.878	2.776	7.044E-11
14	13.570	2.714	6.586E-11	22.171	4.434	2.873E-10	35.915	7.183	1.221E-09	-28.622	0.000	0.000E+00	7.202	1.440	9.847E-12	47.326	9.465	2.794E-09	12.269	2.454	4.867E-11
15	53.231	10.646	3.975E-09	29.894	5.979	7.041E-10	49.500	9.900	3.197E-09	55.815	11.163	4.583E-09	105.815	21.163	3.123E-08	58.099	11.620	5.169E-09	57.188	11.438	4.930E-09
16	33.795	6.759	1.017E-09	12.755	2.551	5.469E-11	16.361	3.272	1.154E-10	25.409	5.082	4.324E-10	26.411	5.282	4.856E-10	47.700	9.540	2.861E-09	27.421	5.484	5.434E-10
17	16.908	3.382	1.274E-10	6.979	1.396	8.959E-12	62.785	12.557	6.523E-09	45.092	9.018	2.417E-09	13.315	2.663	6.222E-11	14.075	2.815	7.349E-11	44.675	8.935	2.350E-09
18	9.418	1.884	2.202E-11	40.516	8.103	1.753E-09	49.398	9.880	3.177E-09	29.956	5.991	7.085E-10	24.973	4.995	4.105E-10	19.070	3.814	1.828E-10	51.714	10.343	3.645E-09
19	80.117	16.023	1.355E-08	15.937	3.187	1.067E-10	12.741	2.548	5.451E-11	19.020	3.804	1.814E-10	29.412	5.882	6.706E-10	32.513	6.503	9.058E-10	42.921	8.584	2.084E-09
20	64.684	12.937	7.133E-09	12.386	2.477	5.008E-11	25.334	5.067	4.286E-10	61.681	12.336	6.185E-09	58.473	11.695	5.269E-09	55.051	11.010	4.397E-09	32.422	6.484	8.983E-10
21	37.520	7.504	1.392E-09	37.280	7.456	1.366E-09	14.182	2.836	7.519E-11	48.529	9.706	3.012E-09	52.820	10.564	3.884E-09	14.008	2.802	7.244E-11	-40.852	0.000	0.000E+00
22	38.063	7.613	1.453E-09	76.466	15.293	1.178E-08	29.437	5.887	6.723E-10	21.772	4.354	2.720E-10	53.678	10.736	4.077E-09	39.845	7.969	1.667E-09	28.614	5.723	6.175E-10
23	64.379	12.876	7.033E-09	41.625	8.325	1.901E-09	33.675	6.735	1.006E-09	29.028	5.806	6.447E-10	29.675	5.935	6.887E-10	25.778	5.156	4.515E-10	47.333	9.467	2.795E-09
24	52.983	10.597	3.920E-09	32.636	6.527	9.162E-10	59.389	11.878	5.521E-09	33.569	6.714	9.970E-10	47.166	9.433	2.765E-09	26.929	5.386	5.147E-10	15.320	3.064	9.477E-11
25	27.855	5.571	5.696E-10	25.631	5.126	4.438E-10	13.823	2.765	6.961E-11	30.042	6.008	7.146E-10	59.053	11.811	5.428E-09	49.175	9.835	3.134E-09	62.750	12.550	6.512E-09
26	62.812	12.562	6.532E-09	28.185	5.637	5.901E-10	30.478	6.096	7.462E-10	51.234	10.247	3.545E-09	54.885	10.977	4.358E-09	92.992	18.598	2.119E-08	26.042	5.208	4.655E-10
27	54.267	10.853	4.212E-09	-38.315	0.000	0.000E+00	24.361	4.872	3.810E-10	56.093	11.219	4.652E-09	37.067	7.413	1.342E-09	29.562	5.912	6.809E-10	15.173	3.035	9.206E-11
28	28.737	5.747	6.255E-10	29.208	5.842	6.567E-10	65.848	13.170	7.525E-09	25.831	5.166	4.543E-10	10.761	2.152	3.285E-11	32.190	6.438	8.791E-10	13.205	2.641	6.069E-11
29	16.123	3.225	1.105E-10	11.937	2.387	4.483E-11	27.155	5.431	5.277E-10	29.541	5.908	6.795E-10	10.454	2.091	3.011E-11	22.784	4.557	3.117E-10	48.234	9.647	2.958E-09
30	71.323	14.265	9.563E-09	14.657	2.931	8.298E-11	50.082	10.016	3.311E-09	25.985	5.197	4.624E-10	54.883	10.977	4.357E-09	30.425	6.085	7.423E-10	64.358	12.872	7.026E-09
31	12.215	2.443	4.804E-11	54.657	10.931	4.303E-09	30.732	6.146	7.650E-10	4.347	0.869	2.166E-12	38.358	7.672	1.488E-09	16.298	3.260	1.141E-10	36.314	7.263	1.262E-09
32	50.739	10.148	3.443E-09	56.802	11.360	4.830E-09	27.266	5.453	5.342E-10	34.383	6.877	1.071E-09	45.899	9.180	2.495E-09	32.708	6.542	9.222E-10	26.745	5.349	5.042E-10
33	49.575	9.915	3.211E-09	7.245	1.449	1.002E-11	36.960	7.392	1.331E-09	19.969	3.994	2.099E-10	19.713	3.943	2.019E-10	51.806	10.361	3.665E-09	28.008	5.602	5.791E-10
34	35.275	7.055	1.157E-09	29.991	5.998	7.110E-10	12.597	2.519	5.269E-11	44.342	8.868	2.298E-09	41.869	8.374	1.935E-09	31.616	6.323	8.329E-10	31.966	6.393	8.609E-10
35	26.151	5.230	4.714E-10	48.444	9.689	2.996E-09	45.255	9.051	2.443E-09	49.789	9.958	3.253E-09	46.987	9.397	2.734E-09	8.803	1.761	1.798E-11	26.224	5.245	4.753E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
36	49.688	9.938	3.233E-09	33.500	6.700	9.909E-10	27.795	5.559	5.660E-10	27.543	5.509	5.507E-10	24.718	4.944	3.980E-10	11.277	2.255	3.780E-11	26.826	5.365	5.088E-10
37	27.857	5.571	5.697E-10	228.589	45.718	3.148E-07	25.332	5.066	4.285E-10	49.236	9.847	3.146E-09	9.976	1.995	2.617E-11	51.016	10.203	3.500E-09	46.789	9.358	2.700E-09
38	7.140	1.428	9.593E-12	47.381	9.476	2.803E-09	10.791	2.158	3.312E-11	8.467	1.693	1.600E-11	39.744	7.949	1.655E-09	25.283	5.057	4.260E-10	34.829	6.966	1.114E-09
39	66.164	13.233	7.634E-09	43.872	8.774	2.226E-09	15.748	3.150	1.029E-10	89.211	17.842	1.871E-08	52.507	10.501	3.815E-09	41.557	8.311	1.892E-09	11.628	2.326	4.144E-11
40	39.272	7.854	1.596E-09	19.745	3.949	2.029E-10	53.214	10.643	3.972E-09	17.503	3.501	1.413E-10	38.887	7.777	1.550E-09	9.114	1.823	1.995E-11	49.915	9.983	3.278E-09
41	14.674	2.935	8.328E-11	39.660	7.932	1.644E-09	27.847	5.569	5.692E-10	23.003	4.601	3.208E-10	52.188	10.438	3.746E-09	9.533	1.907	2.283E-11	34.667	6.933	1.098E-09
42	79.638	15.928	1.331E-08	74.987	14.997	1.111E-08	38.616	7.723	1.518E-09	16.420	3.284	1.167E-10	51.472	10.294	3.594E-09	34.817	6.963	1.112E-09	26.481	5.296	4.894E-10
43	8.280	1.656	1.496E-11	52.534	10.507	3.821E-09	-37.505	0.000	0.000E+00	24.645	4.929	3.945E-10	11.506	2.301	4.015E-11	13.772	2.754	6.885E-11	50.003	10.001	3.295E-09
44	34.698	6.940	1.101E-09	34.985	6.997	1.129E-09	20.803	4.161	2.373E-10	38.938	7.788	1.556E-09	27.521	5.504	5.494E-10	31.678	6.336	8.378E-10	13.409	2.682	6.354E-11
45	48.425	9.685	2.993E-09	49.393	9.879	3.176E-09	37.073	7.415	1.343E-09	28.866	5.773	6.339E-10	45.463	9.093	2.477E-09	47.446	9.489	2.815E-09	10.338	2.068	2.912E-11
46	35.976	7.195	1.227E-09	7.510	1.502	1.116E-11	6.309	1.262	6.619E-12	39.997	7.999	1.686E-09	9.201	1.840	2.053E-11	94.214	18.843	2.204E-08	51.891	10.378	3.683E-09
47	33.930	6.786	1.030E-09	35.765	7.153	1.206E-09	114.238	22.848	3.929E-08	57.080	11.416	4.902E-09	78.823	15.765	1.291E-08	30.139	6.028	7.216E-10	68.466	13.693	8.459E-09
48	29.530	5.906	6.787E-10	52.592	10.518	3.834E-09	48.956	9.791	3.093E-09	31.344	6.269	8.116E-10	62.369	12.474	6.394E-09	51.296	10.259	3.557E-09	90.946	18.189	1.983E-08
49	16.538	3.308	1.192E-10	31.971	6.394	8.613E-10	38.244	7.649	1.474E-09	48.329	9.666	2.975E-09	24.118	4.824	3.697E-10	35.924	7.185	1.222E-09	45.877	9.175	2.545E-09
50	49.881	9.976	3.271E-09	12.606	2.521	5.280E-11	15.996	3.199	1.079E-10	26.897	5.379	5.129E-10	51.518	10.304	3.604E-09	52.639	10.528	3.844E-09	17.131	3.426	1.325E-10
51	49.219	9.844	3.143E-09	8.646	1.729	1.703E-11	43.507	8.701	2.171E-09	13.593	2.719	6.620E-11	44.255	8.851	2.284E-09	49.901	9.980	3.275E-09	26.889	5.378	5.124E-10
52	55.189	11.038	4.430E-09	13.096	2.619	5.919E-11	47.873	9.575	2.892E-09	10.775	2.155	3.297E-11	37.451	7.490	1.384E-09	49.967	9.993	3.288E-09	28.029	5.606	5.804E-10
53	14.242	2.848	7.613E-11	31.859	6.372	8.523E-10	52.831	10.566	3.886E-09	31.426	6.285	8.180E-10	34.087	6.817	1.044E-09	24.796	4.959	4.018E-10	10.569	2.114	3.112E-11
54	49.051	9.810	3.111E-09	19.645	3.929	1.998E-10	45.281	9.056	2.447E-09	44.203	8.841	2.276E-09	53.155	10.631	3.958E-09	32.477	6.495	9.028E-10	28.871	5.774	6.343E-10
55	19.389	3.878	1.921E-10	48.725	9.745	3.049E-09	12.204	2.441	4.791E-11	53.774	10.755	4.098E-09	36.754	7.351	1.309E-09	69.141	13.828	8.712E-09	52.396	10.479	3.791E-09
56	21.983	4.397	2.800E-10	8.036	1.607	1.368E-11	80.544	16.109	1.377E-08	12.235	2.447	4.827E-11	13.004	2.601	5.795E-11	16.345	3.269	1.151E-10	68.344	13.669	8.414E-09
57	41.117	8.223	1.832E-09	33.192	6.638	9.638E-10	26.992	5.398	5.183E-10	51.698	10.340	3.642E-09	23.922	4.784	3.608E-10	16.158	3.232	1.112E-10	56.547	11.309	4.766E-09
58	11.017	2.203	3.524E-11	19.126	3.825	1.844E-10	31.019	6.204	7.866E-10	23.308	4.662	3.337E-10	21.766	4.353	2.718E-10	28.394	5.679	6.034E-10	20.131	4.026	2.150E-10
59	10.625	2.125	3.161E-11	26.502	5.300	4.906E-10	30.630	6.126	7.574E-10	44.093	8.819	2.259E-09	48.511	9.702	3.009E-09	11.734	2.347	4.258E-11	26.194	5.239	4.737E-10
60	62.293	12.459	6.371E-09	23.227	4.645	3.303E-10	77.613	15.523	1.232E-08	33.062	6.612	9.525E-10	44.115	8.823	2.263E-09	46.111	9.222	2.584E-09	30.989	6.198	7.843E-10
61	27.734	5.547	5.623E-10	27.327	5.465	5.379E-10	12.938	2.588	5.708E-11	27.708	5.542	5.607E-10	12.241	2.448	4.834E-11	19.480	3.896	1.948E-10	25.624	5.125	4.434E-10
62	10.568	2.114	3.111E-11	45.543	9.109	2.490E-09	53.945	10.789	4.138E-09	51.481	10.296	3.596E-09	44.767	8.953	2.365E-09	15.889	3.178	1.057E-10	19.009	3.802	1.810E-10
63	26.404	5.281	4.852E-10	26.481	5.296	4.894E-10	31.003	6.201	7.854E-10	-89.882	0.000	0.000E+00	12.690	2.538	5.386E-11	34.713	6.943	1.103E-09	54.194	10.839	4.195E-09
64	44.622	8.924	2.342E-09	8.482	1.696	1.608E-11	51.294	10.259	3.557E-09	29.566	5.913	6.812E-10	6.879	1.376	8.581E-12	57.177	11.435	4.927E-09	15.493	3.099	9.802E-11
65	31.235	6.247	8.032E-10	11.028	2.206	3.534E-11	47.043	9.409	2.744E-09	34.623	6.925	1.094E-09	27.917	5.583	5.734E-10	53.426	10.685	4.019E-09	17.283	3.457	1.361E-10
66	35.390	7.078	1.168E-09	26.168	5.234	4.723E-10	64.817	12.963	7.177E-09	103.494	20.699	2.922E-08	61.404	12.281	6.102E-09	44.452	8.890	2.315E-09	18.156	3.631	1.578E-10
67	28.496	5.699	6.099E-10	-23.783	0.000	0.000E+00	12.198	2.440	4.783E-11	109.024	21.805	3.415E-08	16.894	3.379	1.271E-10	30.587	6.117	7.542E-10	13.429	2.686	6.383E-11
68	41.859	8.372	1.933E-09	21.858	4.372	2.753E-10	35.435	7.087	1.173E-09	41.239	8.248	1.848E-09	57.732	11.546	5.072E-09	55.981	11.196	4.624E-09	46.551	9.310	2.659E-09
69	27.305	5.461	5.365E-10	16.856	3.371	1.262E-10	8.431	1.686	1.580E-11	60.571	12.114	5.857E-09	50.416	10.083	3.378E-09	9.125	1.825	2.002E-11	-31.500	0.000	0.000E+00
70	25.095	5.019	4.166E-10	8.811	1.762	1.803E-11	66.990	13.398	7.923E-09	41.031	8.206	1.821E-09	19.434	3.887	1.934E-10	20.337	4.067	2.217E-10	32.044	6.409	8.673E-10
71	20.712	4.142	2.342E-10	107.642	21.528	3.287E-08	54.267	10.853	4.212E-09	34.225	6.845	1.057E-09	60.823	12.165	5.931E-09	27.568	5.514	5.522E-10	41.717	8.343	1.913E-09
72	37.364	7.473	1.375E-09	6.116	1.223	6.029E-12	90.872	18.174	1.978E-08	25.778	5.156	4.515E-10	15.696	3.139	1.019E-10	42.448	8.490	2.016E-09	11.490	2.298	3.998E-11
73	45.980	9.196	2.562E-09	43.265	8.653	2.135E-09	59.557	11.911	5.568E-09	11.678	2.336	4.198E-11	48.655	9.731	3.036E-09	24.084	4.817	3.682E-10	74.651	14.930	1.096E-08
74	47.136	9.427	2.760E-09	50.447	10.089	3.384E-09	53.092	10.618	3.944E-09	75.345	15.069	1.127E-08	45.834	9.167	2.538E-09	45.739	9.148	2.522E-09	123.564	24.713	4.972E-08
75	13.292	2.658	6.190E-11	31.931	6.386	8.581E-10	25.932	5.186	4.596E-10	33.660	6.732	1.005E-09	42.862	8.572	2.075E-09	14.783	2.957	8.515E-11	15.083	3.017	9.044E-11
76	27.723	5.545	5.616E-10	37.803	7.561	1.424E-09	44.395	8.879	2.306E-09	44.207	8.841	2.277E-09	44.281	8.856	2.288E-09	52.907	10.581	3.903E-09	27.855	5.571	5.697E-10
77	34.429	6.886	1.076E-09	38.152	7.630	1.464E-09	20.107	4.021	2.143E-10	32.768	6.554	9.274E-10	15.450	3.090	9.721E-11	47.498	9.500	2.824E-09	26.401	5.280	4.805E-10
78	61.429	12.286	6.109E-09	27.947	5.589	5.753E-10	8.772	1.754	1.779E-11	-84.710	0.000	0.000E+00	57.422	11.484	4.990E-09	28.677	5.735	6.215E-10	28.624	5.725	6.181E-10
79	53.814	10.763	4.107E-09	46.691	9.338	2.683E-09	26.751	5.350	5.046E-10	49.105	9.821	3.121E-09	50.086	10.017	3.312E-09	29.754	5.951	6.943E-10	41.756	8.351	1.919E-09
80	12.395	2.479	5.019E-11	107.559	21.512	3.280E-08	45.558	9.112	2.492E-09	45.829	9.166	2.537E-09	33.347	6.669	9.774E-10	19.874	3.975	2.069E-10	22.		

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
81	11.015	2.203	3.523E-11	53.068	10.614	3.939E-09	18.315	3.663	1.619E-10	82.649	16.530	1.488E-08	23.295	4.659	3.332E-10	42.693	8.539	2.051E-09	-20.579	0.000	0.000E+00
82	11.149	2.230	3.652E-11	64.369	12.874	7.030E-09	71.487	14.297	9.629E-09	58.611	11.722	5.307E-09	16.490	3.298	1.182E-10	52.709	10.542	3.860E-09	12.063	2.413	4.627E-11
83	14.110	2.822	7.404E-11	32.596	6.519	9.128E-10	58.833	11.767	5.367E-09	28.394	5.679	6.034E-10	25.871	5.174	4.564E-10	29.867	5.973	7.022E-10	-17.425	0.000	0.000E+00
84	7.968	1.594	1.333E-11	25.760	5.152	4.505E-10	18.978	3.796	1.802E-10	25.700	5.140	4.474E-10	20.443	4.089	2.252E-10	11.915	2.383	4.459E-11	30.902	6.180	7.778E-10
85	53.022	10.604	3.929E-09	39.273	7.855	1.597E-09	31.906	6.381	8.561E-10	47.223	9.445	2.776E-09	25.727	5.145	4.488E-10	27.611	5.522	5.548E-10	30.724	6.145	7.644E-10
86	21.328	4.266	2.557E-10	15.393	3.079	9.612E-11	10.727	2.145	3.253E-11	10.773	2.155	3.295E-11	12.620	2.524	5.297E-11	39.663	7.933	1.645E-09	15.843	3.169	1.048E-10
87	41.052	8.210	1.823E-09	12.737	2.547	5.446E-11	10.706	2.141	3.234E-11	7.479	1.496	1.102E-11	19.683	3.937	2.010E-10	13.240	2.648	6.118E-11	104.164	20.833	2.979E-08
88	38.305	7.661	1.481E-09	9.320	1.864	2.134E-11	52.524	10.505	3.819E-09	25.052	5.010	4.144E-10	55.832	11.166	4.587E-09	49.613	9.923	3.219E-09	15.021	3.004	8.932E-11
89	12.667	2.533	5.357E-11	57.331	11.466	4.967E-09	47.323	9.465	2.793E-09	88.832	17.766	1.848E-08	19.188	3.838	1.862E-10	34.282	6.856	1.062E-09	30.281	6.056	7.318E-10
90	53.425	10.685	4.019E-09	45.697	9.139	2.515E-09	48.137	9.627	2.940E-09	42.077	8.415	1.963E-09	29.707	5.941	6.910E-10	49.190	9.838	3.137E-09	34.765	6.953	1.107E-09
91	60.682	12.136	5.889E-09	54.062	10.812	4.165E-09	44.352	8.870	2.299E-09	49.861	9.972	3.267E-09	38.937	7.787	1.556E-09	34.229	6.846	1.057E-09	41.979	8.396	1.950E-09
92	66.851	13.370	7.874E-09	8.832	1.766	1.816E-11	15.380	3.076	9.589E-11	40.692	8.138	1.776E-09	17.766	3.553	1.478E-10	20.127	4.025	2.149E-10	56.737	11.347	4.814E-09
93	33.021	6.604	9.490E-10	53.622	10.724	4.064E-09	16.565	3.313	1.198E-10	29.730	5.946	6.926E-10	26.628	5.326	4.976E-10	52.697	10.539	3.857E-09	50.511	10.102	3.397E-09
94	46.115	9.223	2.585E-09	48.303	9.661	2.970E-09	69.134	13.827	8.709E-09	17.184	3.437	1.337E-10	26.367	5.273	4.831E-10	33.160	6.632	9.610E-10	50.748	10.150	3.445E-09
95	32.416	6.483	8.978E-10	54.469	10.894	4.259E-09	59.267	11.853	5.487E-09	25.651	5.130	4.448E-10	28.142	5.628	5.874E-10	55.991	11.198	4.626E-09	27.042	5.408	5.212E-10
96	29.696	5.939	6.902E-10	27.828	5.566	5.680E-10	98.824	19.765	2.544E-08	-8.553	0.000	0.000E+00	39.386	7.877	1.610E-09	28.779	5.756	6.282E-10	89.714	17.943	1.903E-08
97	22.414	4.483	2.968E-10	43.441	8.688	2.161E-09	24.775	4.955	4.008E-10	40.534	8.107	1.755E-09	22.971	4.594	3.195E-10	29.047	5.809	6.459E-10	14.088	2.818	7.370E-11
98	46.408	9.282	2.634E-09	42.321	8.464	1.998E-09	40.884	8.177	1.801E-09	-44.996	0.000	0.000E+00	16.766	3.353	1.242E-10	31.601	6.320	8.317E-10	23.221	4.644	3.300E-10
99	32.973	6.595	9.449E-10	12.123	2.425	4.696E-11	30.138	6.028	7.215E-10	15.335	3.067	9.504E-11	34.783	6.957	1.109E-09	13.138	2.628	5.978E-11	67.514	13.503	8.111E-09
100	-17.982	0.000	0.000E+00	27.229	5.446	5.321E-10	9.915	1.983	2.569E-11	12.384	2.477	5.006E-11	17.135	3.427	1.326E-10	39.848	7.970	1.668E-09	51.222	10.244	3.542E-09
101	50.956	10.191	3.487E-09	61.139	12.228	6.024E-09	27.977	5.595	5.772E-10	28.140	5.628	5.873E-10	43.047	8.609	2.102E-09	77.064	15.413	1.206E-08	47.581	9.516	2.839E-09
102	25.672	5.134	4.459E-10	24.764	4.953	4.003E-10	19.470	3.894	1.945E-10	93.645	18.729	2.164E-08	30.609	6.122	7.559E-10	12.247	2.449	4.842E-11	-33.991	0.000	0.000E+00
103	40.608	8.122	1.765E-09	55.645	11.129	4.541E-09	26.481	5.296	4.895E-10	12.754	2.551	5.467E-11	42.489	8.498	2.022E-09	8.920	1.784	1.871E-11	19.107	3.821	1.838E-10
104	30.397	6.079	7.403E-10	18.414	3.683	1.646E-10	54.857	10.971	4.351E-09	57.131	11.426	4.915E-09	16.810	3.362	1.252E-10	15.658	3.132	1.012E-10	12.017	2.403	4.573E-11
105	75.783	15.157	1.147E-08	11.490	2.298	3.998E-11	38.500	7.700	1.504E-09	52.275	10.455	3.765E-09	32.529	6.506	9.072E-10	18.817	3.763	1.756E-10	28.674	5.735	6.214E-10
106	22.712	4.542	3.088E-10	39.895	7.979	1.674E-09	81.889	16.378	1.447E-08	18.033	3.607	1.545E-10	21.737	4.347	2.707E-10	51.993	10.399	3.704E-09	89.138	17.828	1.867E-08
107	39.703	7.941	1.649E-09	57.511	11.502	5.013E-09	7.002	1.400	9.049E-12	51.327	10.265	3.564E-09	16.644	3.329	1.215E-10	50.792	10.158	3.454E-09	40.909	8.182	1.804E-09
108	48.280	9.656	2.966E-09	11.327	2.265	3.830E-11	25.508	5.102	4.375E-10	54.968	10.994	4.378E-09	40.873	8.175	1.800E-09	21.923	4.385	2.777E-10	20.606	4.121	2.306E-10
109	31.267	6.253	8.057E-10	60.132	12.026	5.731E-09	15.651	3.130	1.010E-10	49.464	9.893	3.190E-09	14.254	2.851	7.633E-11	28.036	5.607	5.808E-10	31.929	6.386	8.579E-10
110	46.834	9.367	2.708E-09	26.953	5.391	5.161E-10	54.734	10.947	4.322E-09	20.354	4.071	2.223E-10	21.326	4.265	2.556E-10	38.526	7.705	1.507E-09	34.912	6.982	1.122E-09
111	16.585	3.317	1.202E-10	16.179	3.236	1.116E-10	26.215	5.243	4.748E-10	27.647	5.529	5.569E-10	49.732	9.946	3.242E-09	17.945	3.589	1.523E-10	102.092	20.418	2.805E-08
112	28.825	5.765	6.313E-10	16.660	3.332	1.219E-10	45.116	9.023	2.420E-09	20.880	4.176	2.399E-10	17.472	3.494	1.406E-10	24.149	4.830	3.712E-10	105.750	21.150	3.117E-08
113	33.179	6.636	9.627E-10	102.136	20.427	2.808E-08	34.996	6.999	1.130E-09	40.216	8.043	1.714E-09	26.658	5.332	4.993E-10	41.973	8.395	1.949E-09	33.233	6.647	9.674E-10
114	32.513	6.503	9.058E-10	43.756	8.751	2.208E-09	11.095	2.219	3.600E-11	26.792	5.358	5.069E-10	45.446	9.089	2.474E-09	18.084	3.617	1.559E-10	52.310	10.462	3.773E-09
115	26.657	5.331	4.992E-10	50.904	10.181	3.476E-09	27.439	5.488	5.445E-10	22.306	4.461	2.925E-10	26.950	5.390	5.159E-10	26.723	5.345	5.030E-10	7.843	1.569	1.271E-11
116	14.081	2.816	7.358E-11	50.363	10.073	3.367E-09	46.766	9.353	2.696E-09	33.464	6.693	9.877E-10	16.592	3.318	1.204E-10	41.902	8.380	1.939E-09	29.125	5.825	6.512E-10
117	26.348	5.270	4.821E-10	68.420	13.684	8.442E-09	17.144	3.429	1.328E-10	15.044	3.009	8.973E-11	18.811	3.762	1.755E-10	104.109	20.822	2.974E-08	56.201	11.240	4.679E-09
118	13.689	2.738	6.761E-11	34.064	6.813	1.042E-09	11.969	2.394	4.519E-11	18.874	3.775	1.772E-10	22.348	4.470	2.942E-10	60.959	12.192	5.970E-09	27.977	5.595	5.772E-10
119	49.979	9.996	3.290E-09	-36.937	0.000	0.000E+00	32.781	6.556	9.285E-10	35.426	7.085	1.172E-09	46.424	9.285	2.637E-09	46.745	9.349	2.692E-09	30.237	6.047	7.286E-10
120	48.986	9.797	3.098E-09	15.931	3.186	1.066E-10	27.557	5.511	5.516E-10	49.315	9.863	3.161E-09	15.817	3.163	1.043E-10	26.713	5.343	5.024E-10	22.440	4.488	2.978E-10
121	20.275	4.055	2.197E-10	51.419	10.284	3.583E-09	7.272	1.454	1.014E-11	-26.840	0.000	0.000E+00	46.991	9.398	2.735E-09	29.643	5.929	6.865E-10	10.706	2.141	3.234E-11
122	16.017	3.203	1.083E-10	11.039	2.208	3.545E-11	31.581	6.316	8.302E-10	17.889	3.578	1.509E-10	18.971	3.794	1.800E-10	13.652	2.730	6.706E-11	11.743	2.349	4.268E-11
123	31.143	6.229	7.961E-10	25.012	5.002	4.124E-10	46.742	9.348	2.692E-09	39.678	7.936	1.646E-09	21.673	4.335	2.683E-10	46.578	9.316	2.663E-09	45.253	9.051	2.443E-09
124	40.578	8.116	1.761E-09	39.766	7.953	1.657E-09	48.823	9.765	3.067E-09	29.606	5.921	6.840E-10	24.299	4.860	3.782E-10	51.953	10.391	3.696E-09	6.593	1.319	7.555E-12
125	7.653	1.531	1.181E-11	44.817	8.963	2.373E-09	55.019	11.004	4.390E-09	12.660	2.532	5.348E-11	44.369	8.874	2.302E-09	21.734	4.3				

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
126	23.286	4.657	3.328E-10	10.829	2.166	3.347E-11	22.787	4.557	3.119E-10	29.213	5.843	6.571E-10	41.159	8.232	1.838E-09	18.232	3.646	1.597E-10	20.722	4.144	2.345E-10
127	20.066	4.013	2.129E-10	20.887	4.177	2.402E-10	49.813	9.963	3.258E-09	44.671	8.934	2.349E-09	36.845	7.369	1.318E-09	43.517	8.703	2.172E-09	21.466	4.293	2.607E-10
128	31.483	6.297	8.224E-10	18.774	3.755	1.744E-10	13.624	2.725	6.665E-11	68.421	13.684	8.442E-09	21.609	4.322	2.659E-10	34.924	6.985	1.123E-09	44.964	8.993	2.396E-09
129	29.774	5.955	6.957E-10	32.141	6.428	8.751E-10	33.032	6.606	9.500E-10	31.931	6.386	8.581E-10	47.174	9.435	2.767E-09	27.761	5.552	5.639E-10	16.444	3.289	1.172E-10
130	39.681	7.936	1.647E-09	26.749	5.350	5.044E-10	32.619	6.524	9.147E-10	36.791	7.358	1.313E-09	46.349	9.270	2.624E-09	17.735	3.547	1.470E-10	38.613	7.723	1.517E-09
131	47.634	9.527	2.849E-09	20.062	4.012	2.128E-10	40.929	8.186	1.807E-09	56.329	11.266	4.711E-09	20.721	4.144	2.345E-10	15.404	3.081	9.633E-11	77.885	15.577	1.245E-08
132	42.751	8.550	2.059E-09	70.028	14.006	9.051E-09	18.077	3.615	1.557E-10	27.781	5.556	5.651E-10	13.230	2.646	6.103E-11	57.139	11.428	4.917E-09	40.993	8.199	1.816E-09
133	36.206	7.241	1.251E-09	22.018	4.404	2.813E-10	58.942	11.788	5.397E-09	16.987	3.397	1.292E-10	14.000	2.800	7.232E-11	9.191	1.838	2.046E-11	27.902	5.580	5.725E-10
134	43.552	8.710	2.177E-09	45.359	9.072	2.460E-09	10.806	2.161	3.325E-11	76.734	15.347	1.191E-08	14.833	2.967	8.602E-11	20.505	4.101	2.272E-10	9.386	1.877	2.180E-11
135	53.513	10.703	4.039E-09	76.116	15.223	1.162E-08	56.550	11.310	4.766E-09	31.701	6.340	8.397E-10	17.085	3.417	1.315E-10	11.301	2.260	3.804E-11	30.773	6.155	7.681E-10
136	34.169	6.834	1.051E-09	14.419	2.884	7.901E-11	28.665	5.733	6.208E-10	32.609	6.522	9.139E-10	20.924	4.185	2.414E-10	19.531	3.906	1.964E-10	11.966	2.393	4.516E-11
137	40.858	8.172	1.798E-09	22.247	4.449	2.902E-10	12.509	2.502	5.159E-11	8.470	1.694	1.602E-11	12.129	2.426	4.703E-11	42.364	8.473	2.004E-09	38.228	7.646	1.472E-09
138	32.539	6.508	9.080E-10	13.156	2.631	6.001E-11	21.128	4.226	2.486E-10	46.871	9.374	2.714E-09	14.363	2.873	7.810E-11	44.529	8.906	2.327E-09	26.141	5.228	4.708E-10
139	40.422	8.084	1.741E-09	32.893	6.579	9.380E-10	40.777	8.155	1.787E-09	24.358	4.872	3.809E-10	15.964	3.193	1.072E-10	55.102	11.020	4.410E-09	46.169	9.234	2.594E-09
140	15.814	3.163	1.042E-10	9.849	1.970	2.518E-11	40.299	8.060	1.725E-09	17.927	3.585	1.518E-10	16.633	3.327	1.213E-10	45.767	9.153	2.527E-09	8.075	1.615	1.388E-11
141	47.147	9.429	2.762E-09	27.115	5.423	5.254E-10	6.543	1.309	7.381E-12	28.418	5.684	6.049E-10	50.559	10.112	3.406E-09	16.782	3.356	1.246E-10	31.653	6.331	8.358E-10
142	13.710	2.742	6.791E-11	42.357	8.471	2.003E-09	17.902	3.580	1.512E-10	49.215	9.843	3.142E-09	33.733	6.747	1.012E-09	12.156	2.431	4.735E-11	50.692	10.138	3.433E-09
143	14.176	2.835	7.508E-11	31.430	6.286	8.183E-10	45.078	9.016	2.414E-09	49.107	9.821	3.121E-09	15.057	3.011	8.998E-11	6.513	1.303	7.281E-12	13.509	2.702	6.498E-11
144	74.459	14.892	1.088E-08	31.071	6.214	7.906E-10	-13.775	0.000	0.000E+00	17.624	3.525	1.443E-10	20.921	4.184	2.413E-10	54.174	10.835	4.191E-09	15.887	3.177	1.057E-10
145	35.985	7.197	1.228E-09	13.180	2.636	6.035E-11	15.410	3.082	9.646E-11	35.450	7.090	1.174E-09	14.273	2.855	7.664E-11	47.646	9.529	2.851E-09	17.095	3.419	1.317E-10
146	22.007	4.401	2.809E-10	57.051	11.410	4.894E-09	13.939	2.788	7.138E-11	15.661	3.132	1.012E-10	19.049	3.810	1.822E-10	16.738	3.348	1.236E-10	43.043	8.609	2.102E-09
147	18.592	3.718	1.694E-10	37.970	7.594	1.443E-09	46.197	9.239	2.599E-09	24.097	4.819	3.688E-10	10.334	2.067	2.909E-11	28.474	5.695	6.085E-10	31.449	6.290	8.198E-10
148	30.952	6.190	7.816E-10	26.759	5.352	5.050E-10	17.778	3.556	1.481E-10	34.950	6.990	1.125E-09	45.280	9.056	2.447E-09	21.420	4.284	2.590E-10	35.090	7.018	1.139E-09
149	37.467	7.493	1.386E-09	26.272	5.254	4.779E-10	47.560	9.512	2.835E-09	20.625	4.125	2.313E-10	19.987	3.997	2.104E-10	11.232	2.246	3.734E-11	18.543	3.709	1.681E-10
150	-27.404	0.000	0.000E+00	29.452	5.890	6.733E-10	15.581	3.116	9.969E-11	11.741	2.348	4.266E-11	16.069	3.214	1.094E-10	69.009	13.802	8.662E-09	16.317	3.263	1.145E-10
151	9.429	1.886	2.210E-11	28.193	5.639	5.906E-10	17.705	3.541	1.463E-10	23.215	4.643	3.297E-10	9.589	1.918	2.324E-11	10.178	2.036	2.779E-11	22.996	4.599	3.205E-10
152	30.082	6.016	7.175E-10	57.244	11.449	4.944E-09	14.540	2.908	8.101E-11	26.238	5.248	4.761E-10	41.886	8.377	1.937E-09	15.508	3.102	9.831E-11	20.328	4.066	2.214E-10
153	44.308	8.862	2.293E-09	16.605	3.321	1.207E-10	35.443	7.089	1.173E-09	16.085	3.217	1.097E-10	20.768	4.154	2.361E-10	79.864	15.973	1.343E-08	27.663	5.533	5.579E-10
154	42.603	8.521	2.038E-09	34.457	6.891	1.078E-09	10.950	2.190	3.461E-11	16.414	3.283	1.165E-10	-9.136	0.000	0.000E+00	28.340	5.668	5.999E-10	6.490	1.298	7.203E-12
155	44.778	8.956	2.366E-09	27.947	5.589	5.753E-10	26.452	5.290	4.878E-10	34.791	6.958	1.110E-09	36.038	7.208	1.234E-09	23.429	4.686	3.390E-10	48.065	9.613	2.927E-09
156	25.483	5.097	4.362E-10	28.463	5.693	6.078E-10	14.342	2.868	7.776E-11	43.571	8.714	2.180E-09	18.032	3.606	1.545E-10	15.722	3.144	1.024E-10	43.085	8.617	2.108E-09
157	39.730	7.946	1.653E-09	25.573	5.115	4.408E-10	18.094	3.619	1.561E-10	46.412	9.282	2.635E-09	46.795	9.359	2.701E-09	50.617	10.123	3.418E-09	14.289	2.858	7.689E-11
158	13.658	2.732	6.716E-11	43.398	8.680	2.154E-09	33.479	6.696	9.890E-10	25.755	5.151	4.503E-10	36.959	7.392	1.331E-09	11.686	2.337	4.206E-11	53.006	10.601	3.925E-09
159	59.086	11.817	5.437E-09	11.110	2.222	3.614E-11	15.259	3.052	9.365E-11	32.741	6.548	9.250E-10	35.168	7.034	1.146E-09	41.452	8.290	1.877E-09	16.976	3.395	1.289E-10
160	50.310	10.062	3.356E-09	16.970	3.394	1.288E-10	26.164	5.233	4.172E-10	26.549	5.310	4.932E-10	58.111	11.622	5.172E-09	40.746	8.149	1.783E-09	23.452	4.690	3.399E-10
161	30.360	6.072	7.375E-10	33.474	6.695	9.886E-10	-15.566	0.000	0.000E+00	13.494	2.699	6.476E-11	28.361	5.672	6.012E-10	14.969	2.994	8.840E-11	36.647	7.329	1.297E-09
162	36.307	7.261	1.261E-09	17.283	3.457	1.361E-10	45.338	9.068	2.456E-09	26.446	5.289	4.875E-10	19.520	3.904	1.960E-10	33.359	6.672	9.785E-10	18.637	3.727	1.706E-10
163	18.092	3.618	1.561E-10	21.622	4.324	2.664E-10	47.679	9.536	2.857E-09	17.932	3.586	1.520E-10	9.387	1.877	2.180E-11	14.490	2.898	8.019E-11	42.884	8.577	2.079E-09
164	57.614	11.523	5.040E-09	42.466	8.493	2.018E-09	40.966	8.193	1.812E-09	21.884	4.377	2.762E-10	18.645	3.729	1.708E-10	14.138	2.828	7.448E-11	32.439	6.488	8.997E-10
165	47.062	9.412	2.747E-09	18.934	3.787	1.789E-10	13.388	2.678	6.324E-11	11.220	2.244	3.723E-11	21.271	4.254	2.536E-10	29.170	5.834	6.542E-10	16.473	3.295	1.178E-10
166	50.388	10.078	3.372E-09	21.767	4.353	2.718E-10	28.317	5.663	5.984E-10	-16.934	0.000	0.000E+00	52.835	10.567	3.887E-09	19.834	3.967	2.056E-10	54.163	10.833	4.188E-09
167	21.272	4.254	2.537E-10	42.790	8.558	2.065E-09	77.609	15.522	1.232E-08	30.248	6.050	7.294E-10	16.052	3.210	1.090E-10	17.314	3.463	1.368E-10	13.070	2.614	5.885E-11
168	41.603	8.321	1.898E-09	15.004	3.001	8.902E-11	57.377	11.475	4.979E-09	31.087	6.217	7.918E-10	14.409	2.882	7.886E-11	41.903	8.381	1.939E-09	44.272	8.854	2.287E-09
169	12.914	2.583	5.676E-11	14.670	2.934	8.321E-11	15.825	3.165	1.045E-10	31.223	6.245	8.022E-10	46.034	9.207	2.571E-09	16.985	3.397	1.291E-10	17.138	3.428	1.327E-10
170	25.562	5.112	4.402E-10	37.222	7.444	1.359E-09	19.957	3.991	2.095E-10	19.565	3.913	1.974E-10	16.239	3.248	1.129E-10	33.167	6.633	9.616E-10	11.309	2.262	3.813E-11

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	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
171	8.941	1.788	1.884E-11	17.595	3.519	1.436E-10	34.844	6.969	1.115E-09	17.741	3.548	1.472E-10	9.261	1.852	2.093E-11	46.301	9.260	2.616E-09	52.713	10.543	3.860E-09
172	17.699	3.540	1.461E-10	16.498	3.300	1.183E-10	10.493	2.099	3.045E-11	42.662	8.532	2.046E-09	24.101	4.820	3.690E-10	25.810	5.162	4.531E-10	8.245	1.649	1.477E-11
173	-38.836	0.000	0.000E+00	30.552	6.110	7.516E-10	18.156	3.631	1.577E-10	30.340	6.068	7.361E-10	11.381	2.276	3.886E-11	12.083	2.417	4.650E-11	71.530	14.306	9.646E-09
174	79.546	15.909	1.327E-08	16.088	3.218	1.098E-10	49.127	9.825	3.125E-09	24.435	4.887	3.845E-10	9.796	1.959	2.477E-11	13.021	2.604	5.818E-11	18.100	3.620	1.563E-10
175	50.132	10.026	3.321E-09	28.535	5.707	6.124E-10	29.605	5.921	6.839E-10	32.735	6.547	9.245E-10	10.809	2.162	3.328E-11	10.910	2.182	3.422E-11	19.046	3.809	1.821E-10
176	46.720	9.344	2.688E-09	23.321	4.664	3.343E-10	49.302	9.860	3.159E-09	21.410	4.282	2.587E-10	17.760	3.552	1.477E-10	14.555	2.911	8.127E-11	13.915	2.783	7.102E-11
177	16.910	3.382	1.274E-10	22.223	4.445	2.892E-10	25.205	5.041	4.220E-10	-11.360	0.000	0.000E+00	15.198	3.040	9.253E-11	15.838	3.168	1.047E-10	14.512	2.902	8.056E-11
178	12.918	2.584	5.682E-11	14.235	2.847	7.603E-11	41.608	8.322	1.899E-09	27.888	5.578	5.717E-10	15.635	3.127	1.007E-10	-7.330	0.000	0.000E+00	6.854	1.371	8.487E-12
179	22.533	4.507	3.015E-10	28.514	5.703	6.110E-10	44.307	8.861	2.293E-09	20.566	4.113	2.293E-10	33.221	6.644	9.663E-10	11.038	2.208	3.545E-11	9.012	1.802	1.929E-11
180	-17.205	0.000	0.000E+00	30.687	6.137	7.617E-10	13.079	2.616	5.896E-11	16.614	3.323	1.209E-10	47.688	9.538	2.858E-09	20.953	4.191	2.425E-10	39.714	7.943	1.651E-09
181	31.122	6.224	7.945E-10	11.483	2.297	3.991E-11	15.123	3.025	9.115E-11	30.611	6.122	7.560E-10	40.482	8.096	1.749E-09	14.392	2.878	7.856E-11	22.206	4.441	2.886E-10
182	18.140	3.628	1.573E-10	16.666	3.333	1.220E-10	10.659	2.132	3.192E-11	8.167	1.633	1.436E-11	96.442	19.288	2.364E-08	23.209	4.642	3.295E-10	39.175	7.835	1.585E-09
183	17.884	3.577	1.508E-10	39.222	7.844	1.590E-09	35.676	7.135	1.197E-09	25.657	5.131	4.451E-10	26.157	5.231	4.717E-10	87.717	17.543	1.779E-08	26.861	5.372	5.108E-10
184	14.901	2.980	8.721E-11	21.311	4.262	2.551E-10	27.524	5.505	5.496E-10	46.215	9.243	2.602E-09	5.969	1.194	5.605E-12	15.228	3.046	9.308E-11	9.818	1.964	2.494E-11
185	13.871	2.774	7.034E-11	19.117	3.823	1.841E-10	-8.054	0.000	0.000E+00	18.924	3.785	1.786E-10	22.131	4.426	2.857E-10	21.772	4.354	2.720E-10	40.055	8.011	1.694E-09
186	-5.093	0.000	0.000E+00	25.268	5.054	4.252E-10	15.472	3.094	9.762E-11	45.587	9.117	2.497E-09	32.507	6.501	9.054E-10	34.865	6.973	1.117E-09	6.325	1.265	6.671E-12
187	12.276	2.455	4.876E-11	42.204	8.441	1.981E-09	13.415	2.683	6.363E-11	-25.318	0.000	0.000E+00	17.735	3.547	1.470E-10	13.236	2.647	6.111E-11	43.046	8.609	2.102E-09
188	28.006	5.601	5.790E-10	10.695	2.139	3.224E-11	34.256	6.851	1.059E-09	45.376	9.075	2.462E-09	45.825	9.165	2.536E-09	22.791	4.558	3.120E-10	14.722	2.944	8.411E-11
189	10.145	2.029	2.752E-11	51.451	10.290	3.590E-09	24.139	4.828	3.707E-10	13.599	2.720	6.629E-11	6.502	1.300	7.245E-12	18.038	3.608	1.547E-10	19.427	3.885	1.933E-10
190	20.245	4.049	2.187E-10	15.840	3.168	1.047E-10	22.112	4.422	2.850E-10	50.683	10.137	3.431E-09	18.725	3.745	1.731E-10	14.047	2.809	7.305E-11	19.492	3.898	1.952E-10
191	-8.789	0.000	0.000E+00	15.018	3.004	8.928E-11	38.036	7.607	1.450E-09	40.962	8.192	1.811E-09	15.031	3.006	8.950E-11	-12.667	0.000	0.000E+00	20.602	4.120	2.305E-10
192	45.117	9.023	2.420E-09	25.693	5.139	4.470E-10	56.834	11.367	4.839E-09	14.373	2.875	7.826E-11	19.483	3.897	1.949E-10	12.163	2.433	4.742E-11	22.728	4.546	3.094E-10
193	16.516	3.303	1.187E-10	11.674	2.335	4.193E-11	19.419	3.884	1.930E-10	16.144	3.229	1.109E-10	40.988	8.198	1.815E-09	12.404	2.481	5.029E-11	27.326	5.465	5.378E-10
194	31.944	6.389	8.591E-10	21.653	4.331	2.676E-10	24.960	4.992	4.099E-10	42.058	8.412	1.961E-09	18.013	3.603	1.541E-10	15.265	3.053	9.375E-11	12.114	2.423	4.686E-11
195	20.923	4.185	2.414E-10	17.930	3.586	1.519E-10	9.902	1.980	2.559E-11	14.259	2.852	7.641E-11	11.831	2.366	4.365E-11	35.207	7.041	1.150E-09	56.123	11.225	4.659E-09
196	15.440	3.088	9.701E-11	40.756	8.151	1.784E-09	25.250	5.050	4.243E-10	99.744	19.949	2.615E-08	18.297	3.659	1.615E-10	16.872	3.374	1.266E-10	-10.210	0.000	0.000E+00
197	22.348	4.470	2.942E-10	23.234	4.647	3.306E-10	40.972	8.194	1.813E-09	19.685	3.937	2.010E-10	19.459	3.892	1.942E-10	-28.676	0.000	0.000E+00	10.771	2.154	3.294E-11
198	45.004	9.001	2.402E-09	39.568	7.914	1.633E-09	32.594	6.519	9.126E-10	12.492	2.498	5.137E-11	16.013	3.203	1.082E-10	16.584	3.317	1.202E-10	-9.733	0.000	0.000E+00
199	14.360	2.872	7.804E-11	42.055	8.411	1.960E-09	15.919	3.184	1.063E-10	13.620	2.724	6.659E-11	47.245	9.449	2.779E-09	44.511	8.902	2.324E-09	11.565	2.313	4.077E-11
200	21.714	4.343	2.699E-10	18.145	3.629	1.575E-10	14.273	2.855	7.664E-11	17.854	3.571	1.500E-10	42.579	8.516	2.035E-09	28.625	5.725	6.182E-10	12.676	2.535	5.369E-11
201	10.839	2.168	3.356E-11	10.392	2.078	2.958E-11	27.701	5.540	5.603E-10	18.504	3.701	1.670E-10	41.467	8.293	1.879E-09	12.046	2.409	4.607E-11	15.899	3.180	1.059E-10
202	18.451	3.690	1.656E-10	47.145	9.429	2.762E-09	20.611	4.122	2.308E-10	-8.781	0.000	0.000E+00	54.069	10.814	4.166E-09	11.858	2.372	4.395E-11	12.794	2.559	5.520E-11
203	17.272	3.454	1.358E-10	15.116	3.023	9.103E-11	16.072	3.214	1.094E-10	17.128	3.426	1.324E-10	23.307	4.661	3.337E-10	12.764	2.553	5.481E-11	18.750	3.750	1.737E-10
204	12.802	2.560	5.530E-11	12.758	2.552	5.473E-11	70.817	14.163	9.361E-09	16.604	3.321	1.207E-10	14.017	2.803	7.259E-11	22.436	4.487	2.976E-10	48.500	9.700	3.007E-09
205	19.939	3.988	2.089E-10	24.924	4.985	4.081E-10	17.797	3.559	1.486E-10	27.957	5.591	5.759E-10	21.604	4.321	2.657E-10	19.845	3.969	2.060E-10	-10.235	0.000	0.000E+00
206	10.185	2.037	2.785E-11	52.473	10.495	3.808E-09	21.366	4.273	2.571E-10	26.295	5.259	4.792E-10	13.155	2.631	6.000E-11	26.491	5.298	4.900E-10	12.839	2.568	5.578E-11
207	17.144	3.429	1.328E-10	16.168	3.234	1.114E-10	45.000	9.000	2.402E-09	13.777	2.755	6.893E-11	39.891	7.978	1.673E-09	-11.644	0.000	0.000E+00	11.404	2.281	3.909E-11
208	15.649	3.130	1.010E-10	32.464	6.493	9.018E-10	26.653	5.331	4.990E-10	19.375	3.875	1.917E-10	43.417	8.683	2.157E-09	21.704	4.341	2.695E-10	33.372	6.674	9.795E-10
209	11.418	2.284	3.924E-11	47.970	9.594	2.909E-09	12.917	2.583	5.680E-11	47.080	9.416	2.750E-09	46.045	9.209	2.573E-09	17.116	3.423	1.322E-10	36.532	7.306	1.285E-09
210	38.754	7.751	1.534E-09	13.038	2.608	5.842E-11	48.788	9.758	3.061E-09	18.614	3.723	1.700E-10	46.454	9.291	2.642E-09	15.805	3.161	1.041E-10	33.979	6.796	1.034E-09
211	49.641	9.928	3.224E-09	15.415	3.083	9.655E-11	15.219	3.044	9.290E-11	11.967	2.393	4.517E-11	9.491	1.898	2.254E-11	18.198	3.640	1.588E-10	11.004	2.201	3.512E-11
212	9.280	1.856	2.106E-11	23.157	4.631	3.273E-10	13.002	2.600	5.793E-11	44.642	8.928	2.345E-09	13.225	2.645	6.096E-11	14.273	2.855	7.664E-11	15.391	3.078	9.610E-11
213	17.622	3.524	1.442E-10	19.666	3.933	2.005E-10	15.915	3.183	1.062E-10	32.020	6.404	8.652E-10	46.759	9.352	2.695E-09	12.310	2.462	4.917E-11	17.982	3.596	1.533E-10
214	14.167	2.833	7.494E-11	19.281	3.856	1.889E-10	24.520	4.904	3.885E-10	18.399	3.680	1.642E-10	16.916	3.383	1.276E-10	11.833	2.367	4.367E-11	20.384	4.077	2.232E-10
215	9.925	1.985	2.577E-11	20.363	4.073	2.225E-10	20.148	4.030	2.156E-10	43.541	8.708	2.176E-09	15.182	3.036	9.222E-11	20.075	4.015	2.132E-10	11.915	2.383	

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
216	9.420	1.884	2.203E-11	18.437	3.687	1.652E-10	17.794	3.559	1.485E-10	27.636	5.527	5.563E-10	30.348	6.070	7.367E-10	15.409	3.082	9.644E-11	21.232	4.246	2.523E-10
217	11.545	2.309	4.056E-11	41.450	8.290	1.877E-09	43.582	8.716	2.182E-09	17.621	3.524	1.442E-10	6.667	1.333	7.809E-12	16.364	3.273	1.155E-10	9.099	1.820	1.986E-11
218	19.896	3.979	2.076E-10	17.498	3.500	1.412E-10	17.856	3.571	1.500E-10	54.572	10.914	4.284E-09	14.154	2.831	7.473E-11	21.925	4.385	2.778E-10	32.114	6.423	8.729E-10
219	27.764	5.553	5.641E-10	12.631	2.526	5.311E-11	19.815	3.963	2.051E-10	11.781	2.356	4.309E-11	23.964	4.793	3.627E-10	16.277	3.255	1.137E-10	38.735	7.747	1.532E-09
220	18.185	3.637	1.585E-10	8.999	1.800	1.921E-11	16.828	3.366	1.256E-10	57.470	11.494	5.003E-09	19.998	4.000	2.108E-10	13.419	2.684	6.368E-11	40.907	8.181	1.804E-09
221	28.618	5.724	6.178E-10	53.931	10.786	4.134E-09	13.106	2.621	5.934E-11	-11.167	0.000	0.000E+00	26.579	5.316	4.949E-10	9.352	1.870	2.156E-11	10.614	2.123	3.152E-11
222	12.845	2.569	5.586E-11	16.864	3.373	1.264E-10	12.348	2.470	4.963E-11	14.837	2.967	8.608E-11	14.216	2.843	7.573E-11	9.591	1.918	2.325E-11	19.366	3.873	1.914E-10
223	17.920	3.584	1.517E-10	14.152	2.830	7.471E-11	19.078	3.816	1.830E-10	20.292	4.058	2.202E-10	18.952	3.790	1.794E-10	11.466	2.293	3.973E-11	13.625	2.725	6.667E-11
224	15.372	3.074	9.574E-11	-11.366	0.000	0.000E+00	35.105	7.021	1.140E-09	33.746	6.749	1.013E-09	21.363	4.273	2.570E-10	22.770	4.554	3.111E-10	17.704	3.541	1.463E-10
225	14.546	2.909	8.112E-11	26.338	5.268	4.815E-10	14.462	2.892	7.972E-11	30.181	6.036	7.246E-10	11.958	2.392	4.507E-11	13.725	2.745	6.814E-11	-20.816	0.000	0.000E+00
226	13.885	2.777	7.055E-11	15.210	3.042	9.274E-11	18.946	3.789	1.792E-10	15.073	3.015	9.026E-11	45.058	9.012	2.411E-09	12.433	2.487	5.066E-11	23.699	4.740	3.508E-10
227	14.087	2.817	7.368E-11	11.382	2.276	3.887E-11	9.168	1.834	2.031E-11	10.192	2.038	2.790E-11	24.139	4.828	3.707E-10	17.889	3.578	1.509E-10	42.104	8.421	1.967E-09
228	19.160	3.832	1.854E-10	14.931	2.986	8.773E-11	14.562	2.912	8.138E-11	18.609	3.722	1.699E-10	16.890	3.378	1.270E-10	11.233	2.247	3.736E-11	19.245	3.849	1.879E-10
229	20.558	4.112	2.290E-10	10.354	2.071	2.926E-11	26.846	5.369	5.100E-10	39.284	7.857	1.598E-09	14.528	2.906	8.082E-11	12.538	2.508	5.195E-11	27.576	5.515	5.527E-10
230	14.577	2.915	8.164E-11	15.046	3.009	8.977E-11	18.773	3.755	1.744E-10	20.131	4.026	2.150E-10	14.227	2.845	7.589E-11	9.373	1.875	2.171E-11	5.461	1.092	4.293E-12
231	14.610	2.922	8.219E-11	-9.938	0.000	0.000E+00	-12.505	0.000	0.000E+00	20.798	4.160	2.371E-10	18.029	3.606	1.545E-10	9.799	1.960	2.480E-11	16.694	3.339	1.226E-10
232	13.528	2.706	6.525E-11	19.613	3.923	1.989E-10	15.206	3.041	9.267E-11	21.120	4.224	2.483E-10	19.139	3.828	1.848E-10	12.578	2.516	5.245E-11	12.262	2.452	4.859E-11
233	8.301	1.660	1.508E-11	15.450	3.090	9.720E-11	16.285	3.257	1.138E-10	-15.833	0.000	0.000E+00	16.688	3.338	1.225E-10	18.879	3.776	1.773E-10	22.300	4.460	2.923E-10
234	11.908	2.382	4.450E-11	11.218	2.244	3.721E-11	21.049	4.210	2.458E-10	50.730	10.146	3.441E-09	46.811	9.362	2.703E-09	18.412	3.682	1.645E-10	17.455	3.491	1.402E-10
235	15.060	3.012	9.003E-11	16.508	3.302	1.186E-10	21.839	4.368	2.745E-10	19.981	3.996	2.103E-10	25.529	5.106	4.385E-10	14.595	2.919	8.194E-11	13.126	2.625	5.960E-11
236	9.525	1.905	2.278E-11	-16.929	0.000	0.000E+00	49.630	9.926	3.222E-09	15.514	3.103	9.841E-11	54.405	10.881	4.244E-09	11.942	2.388	4.488E-11	31.425	6.285	8.179E-10
237	13.201	2.640	6.063E-11	15.260	3.052	9.367E-11	21.275	4.255	2.538E-10	24.814	4.963	4.027E-10	16.283	3.257	1.138E-10	12.326	2.465	4.936E-11	-12.841	0.000	0.000E+00
238	17.943	3.589	1.523E-10	13.157	2.631	6.003E-11	-8.053	0.000	0.000E+00	14.293	2.859	7.695E-11	15.395	3.079	9.617E-11	25.391	5.078	4.315E-10	18.456	3.691	1.657E-10
239	10.008	2.002	2.642E-11	12.787	2.557	5.510E-11	14.468	2.894	7.981E-11	16.659	3.332	1.218E-10	17.535	3.507	1.421E-10	24.155	4.831	3.715E-10	15.206	3.041	9.267E-11
240	12.114	2.423	4.686E-11	12.105	2.421	4.675E-11	12.837	2.567	5.575E-11	15.886	3.177	1.057E-10	54.775	10.955	4.332E-09	20.740	4.148	2.351E-10	20.478	4.096	2.263E-10
241	15.877	3.175	1.055E-10	13.245	2.649	6.125E-11	17.628	3.526	1.444E-10	17.713	3.543	1.465E-10	15.202	3.040	9.260E-11	41.659	8.332	1.906E-09	18.413	3.683	1.645E-10
242	42.072	8.414	1.963E-09	18.831	3.766	1.760E-10	14.654	2.931	8.294E-11	15.691	3.138	1.018E-10	24.515	4.903	3.883E-10	8.723	1.745	1.749E-11	20.810	4.162	2.375E-10
243	18.120	3.624	1.568E-10	18.034	3.607	1.546E-10	14.236	2.847	7.604E-11	26.309	5.262	4.799E-10	11.123	2.225	3.627E-11	16.105	3.221	1.101E-10	8.585	1.717	1.668E-11
244	23.154	4.631	3.272E-10	14.242	2.848	7.613E-11	8.756	1.751	1.770E-11	14.938	2.988	8.786E-11	14.508	2.902	8.049E-11	10.371	2.074	2.940E-11	30.900	6.180	7.776E-10
245	19.467	3.893	1.944E-10	11.174	2.235	3.677E-11	-7.876	0.000	0.000E+00	13.183	2.637	6.038E-11	13.584	2.717	6.606E-11	14.681	2.936	8.341E-11	17.931	3.586	1.519E-10
246	24.011	4.802	3.648E-10	-9.860	0.000	0.000E+00	29.129	5.826	6.514E-10	19.487	3.897	1.951E-10	-8.780	0.000	0.000E+00	13.794	2.759	6.918E-11	14.578	2.916	8.166E-11
247	22.424	4.485	2.972E-10	11.467	2.293	3.974E-11	11.145	2.229	3.649E-11	24.445	4.889	3.850E-10	16.916	3.383	1.276E-10	17.540	3.508	1.422E-10	14.562	2.912	8.139E-11
248	14.210	2.842	7.563E-11	16.073	3.215	1.094E-10	10.370	2.074	2.939E-11	15.676	3.135	1.015E-10	22.849	4.570	3.144E-10	18.411	3.682	1.645E-10	17.018	3.404	1.299E-10
249	21.368	4.274	2.572E-10	13.305	2.661	6.208E-11	19.783	3.957	2.041E-10	13.926	2.785	7.119E-11	25.243	5.049	4.239E-10	18.643	3.729	1.708E-10	16.703	3.341	1.228E-10
250	12.885	2.577	5.638E-11	16.468	3.294	1.177E-10	26.462	5.292	4.884E-10	20.620	4.124	2.311E-10	27.599	5.520	5.541E-10	11.555	2.311	4.067E-11	22.633	4.527	3.056E-10
251	23.343	4.669	3.352E-10	12.249	2.450	4.844E-11	11.574	2.315	4.087E-11	39.369	7.874	1.608E-09	19.349	3.870	1.909E-10	13.498	2.700	6.482E-11	-24.518	0.000	0.000E+00
252	9.178	1.836	2.038E-11	23.950	4.790	3.621E-10	39.785	7.957	1.660E-09	19.913	3.983	2.081E-10	26.790	5.358	5.068E-10	8.035	1.607	1.367E-11	30.639	6.128	7.581E-10
253	18.167	3.633	1.580E-10	18.290	3.658	1.613E-10	40.345	8.069	1.731E-09	19.234	3.847	1.875E-10	14.090	2.818	7.373E-11	36.789	7.358	1.312E-09	17.919	3.584	1.517E-10
254	37.394	7.479	1.378E-09	15.946	3.189	1.069E-10	9.456	1.891	2.228E-11	19.138	3.828	1.847E-10	12.594	2.519	5.265E-11	22.918	4.584	3.173E-10	27.665	5.533	5.581E-10
255	24.046	4.809	3.665E-10	47.240	9.448	2.779E-09	-11.116	0.000	0.000E+00	10.122	2.024	2.733E-11	15.330	3.066	9.495E-11	17.264	3.453	1.356E-10	17.155	3.431	1.331E-10
256	14.743	2.949	8.446E-11	15.627	3.125	1.006E-10	24.336	4.867	3.799E-10	15.566	3.113	9.941E-11	23.754	4.751	3.533E-10	22.345	4.469	2.941E-10	11.125	2.225	3.629E-11
257	16.338	3.268	1.149E-10	20.970	4.194	2.430E-10	13.441	2.688	6.400E-11	17.713	3.543	1.465E-10	8.619	1.724	1.688E-11	29.110	5.822	6.502E-10	19.337	3.867	1.906E-10
258	45.212	9.042	2.436E-09	16.216	3.243	1.124E-10	14.247	2.849	7.622E-11	39.206	7.841	1.588E-09	20.456	4.091	2.256E-10	23.746	4.749	3.529E-10	8.610	1.722	1.682E-11
259	13.785	2.757	6.904E-11	12.441	2.488	5.075E-11	16.507	3.301	1.185E-10	17.304	3.461	1.366E-10	14.190	2.838	7.530E-11	17.544	3.509	1.423E-10	25.448	5.090	4.343E-10
260	19.354	3.871	1.911E-10	23.233	4.647	3.305E-10	19.321	3.864	1.901E-10	8.087	1.617	1.394E-11	52.218	10.444	3.753E-09	14.839	2.968	8.612E-11	18.773	3.755	1.744E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
261	11.154	2.231	3.657E-11	46.983	9.397	2.733E-09	11.289	2.258	3.792E-11	15.370	3.074	9.570E-11	25.617	5.123	4.430E-10	23.205	4.641	3.293E-10	12.322	2.464	4.931E-11
262	16.718	3.344	1.232E-10	18.424	3.685	1.648E-10	16.717	3.343	1.231E-10	9.919	1.984	2.572E-11	20.281	4.056	2.199E-10	38.875	7.775	1.548E-09	13.275	2.655	6.166E-11
263	11.231	2.246	3.734E-11	17.682	3.536	1.457E-10	24.122	4.824	3.699E-10	22.688	4.538	3.078E-10	52.972	10.594	3.918E-09	19.286	3.857	1.891E-10	12.904	2.581	5.664E-11
264	32.188	6.438	8.790E-10	15.546	3.109	9.902E-11	12.485	2.497	5.129E-11	16.941	3.388	1.281E-10	12.643	2.529	5.327E-11	15.319	3.064	9.476E-11	37.331	7.466	1.371E-09
265	43.740	8.748	2.206E-09	24.977	4.995	4.107E-10	11.429	2.286	3.935E-11	54.016	10.803	4.154E-09	12.534	2.507	5.190E-11	18.677	3.735	1.717E-10	10.861	2.172	3.377E-11
266	15.755	3.151	1.031E-10	14.366	2.873	7.814E-11	14.429	2.886	7.918E-11	13.540	2.708	6.542E-11	42.161	8.432	1.975E-09	8.726	1.745	1.751E-11	15.792	3.158	1.038E-10
267	14.751	2.950	8.459E-11	17.610	3.522	1.439E-10	14.223	2.845	7.583E-11	24.168	4.834	3.721E-10	44.900	8.980	2.386E-09	20.313	4.063	2.209E-10	16.844	3.369	1.260E-10
268	13.461	2.692	6.429E-11	8.891	1.778	1.852E-11	41.514	8.303	1.886E-09	-24.369	0.000	0.000E+00	37.456	7.491	1.385E-09	42.207	8.441	1.982E-09	12.474	2.495	5.116E-11
269	18.772	3.754	1.744E-10	16.190	3.238	1.118E-10	18.573	3.715	1.689E-10	12.978	2.596	5.761E-11	22.140	4.428	2.860E-10	13.428	2.686	6.382E-11	31.905	6.381	8.560E-10
270	12.884	2.577	5.637E-11	16.872	3.374	1.266E-10	16.343	3.269	1.150E-10	16.128	3.226	1.106E-10	15.173	3.035	9.207E-11	10.038	2.008	2.666E-11	29.022	5.804	6.443E-10
271	7.049	1.410	9.232E-12	16.753	3.351	1.239E-10	20.078	4.016	2.133E-10	13.202	2.640	6.065E-11	30.906	6.181	7.781E-10	8.391	1.678	1.557E-11	10.894	2.179	3.408E-11
272	13.805	2.761	6.935E-11	9.169	1.834	2.031E-11	15.592	3.118	9.991E-11	13.830	2.766	6.971E-11	12.861	2.572	5.607E-11	19.465	3.893	1.944E-10	21.691	4.338	2.690E-10
273	18.818	3.764	1.756E-10	8.605	1.721	1.679E-11	20.136	4.027	2.152E-10	33.332	6.666	9.761E-10	17.421	3.484	1.393E-10	14.399	2.880	7.869E-11	7.022	1.404	9.128E-12
274	13.271	2.654	6.161E-11	17.548	3.510	1.424E-10	8.725	1.745	1.751E-11	52.554	10.511	3.826E-09	38.317	7.663	1.483E-09	16.397	3.279	1.162E-10	7.770	1.554	1.236E-11
275	42.766	8.553	2.062E-09	14.764	2.953	8.483E-11	16.188	3.238	1.118E-10	9.649	1.930	2.368E-11	15.559	3.112	9.927E-11	14.231	2.846	7.596E-11	14.877	2.975	8.679E-11
276	12.979	2.596	5.763E-11	15.798	3.160	1.039E-10	19.264	3.853	1.884E-10	16.567	3.313	1.199E-10	53.515	10.703	4.039E-09	15.070	3.014	9.021E-11	19.946	3.989	2.092E-10
277	13.126	2.625	5.961E-11	14.403	2.881	7.875E-11	16.705	3.341	1.229E-10	48.372	9.674	2.983E-09	51.777	10.355	3.659E-09	15.596	3.119	9.998E-11	13.042	2.608	5.847E-11
278	-11.197	0.000	0.000E+00	37.043	7.409	1.340E-09	9.026	1.805	1.938E-11	15.246	3.049	9.340E-11	26.199	5.240	4.739E-10	12.288	2.458	4.890E-11	16.064	3.213	1.093E-10
279	15.804	3.161	1.040E-10	11.117	2.223	3.621E-11	9.636	1.927	2.358E-11	68.328	13.666	8.408E-09	13.649	2.730	6.702E-11	13.706	2.741	6.786E-11	20.059	4.012	2.127E-10
280	23.528	4.706	3.433E-10	13.270	2.654	6.159E-11	20.292	4.058	2.202E-10	12.274	2.455	4.873E-11	8.501	1.700	1.619E-11	37.911	7.582	1.436E-09	10.730	2.146	3.256E-11
281	15.106	3.021	9.085E-11	14.739	2.948	8.439E-11	13.414	2.683	6.362E-11	21.054	4.211	2.460E-10	10.864	2.173	3.380E-11	19.557	3.911	1.971E-10	23.013	4.603	3.212E-10
282	10.635	2.127	3.170E-11	11.188	2.238	3.691E-11	13.332	2.666	6.246E-11	10.642	2.128	3.176E-11	11.108	2.222	3.612E-11	15.051	3.010	8.986E-11	14.451	2.890	7.954E-11
283	10.564	2.113	3.107E-11	15.436	3.087	9.693E-11	12.645	2.529	5.328E-11	11.373	2.275	3.877E-11	15.630	3.126	1.006E-10	8.490	1.698	1.613E-11	9.773	1.955	2.460E-11
284	10.242	2.048	2.831E-11	17.720	3.544	1.466E-10	29.486	5.897	6.757E-10	36.090	7.218	1.239E-09	21.953	4.391	2.789E-10	13.643	2.729	6.692E-11	7.740	1.548	1.222E-11
285	15.155	3.031	9.175E-11	10.155	2.031	2.760E-11	16.931	3.386	1.279E-10	14.680	2.936	8.339E-11	22.800	4.560	3.124E-10	8.609	1.722	1.682E-11	11.757	2.351	4.283E-11
286	9.310	1.862	2.127E-11	16.279	3.256	1.137E-10	17.268	3.454	1.357E-10	18.374	3.675	1.635E-10	21.202	4.240	2.512E-10	14.437	2.887	7.932E-11	13.636	2.727	6.682E-11
287	-8.089	0.000	0.000E+00	21.283	4.257	2.541E-10	37.712	7.542	1.414E-09	13.892	2.778	7.066E-11	43.791	8.758	2.213E-09	11.625	2.325	4.141E-11	16.750	3.350	1.239E-10
288	15.206	3.041	9.266E-11	14.544	2.909	8.108E-11	7.366	1.473	1.053E-11	11.889	2.378	4.430E-11	19.268	3.854	1.885E-10	19.371	3.874	1.916E-10	7.635	1.527	1.173E-11
289	10.492	2.098	3.044E-11	17.282	3.456	1.360E-10	10.679	2.136	3.210E-11	11.699	2.340	4.221E-11	41.588	8.318	1.896E-09	48.705	9.741	3.045E-09	16.635	3.327	1.213E-10
290	13.286	2.657	6.181E-11	13.315	2.663	6.222E-11	9.252	1.850	2.088E-11	43.592	8.718	2.183E-09	15.842	3.168	1.048E-10	10.342	2.068	2.916E-11	124.391	24.878	5.073E-08
291	16.341	3.268	1.150E-10	7.171	1.434	9.719E-12	8.596	1.719	1.674E-11	12.327	2.465	4.937E-11	19.282	3.856	1.889E-10	15.720	3.144	1.024E-10	21.177	4.235	2.503E-10
292	-11.781	0.000	0.000E+00	21.635	4.327	2.669E-10	48.152	9.630	2.943E-09	22.069	4.414	2.833E-10	73.738	14.748	1.057E-08	17.551	3.510	1.425E-10	22.126	4.425	2.855E-10
293	12.535	2.507	5.191E-11	7.259	1.452	1.008E-11	21.245	4.249	2.527E-10	35.863	7.173	1.216E-09	18.021	3.604	1.542E-10	19.283	3.857	1.890E-10	15.923	3.185	1.064E-10
294	17.607	3.521	1.439E-10	41.681	8.336	1.909E-09	20.541	4.108	2.284E-10	17.094	3.419	1.316E-10	9.411	1.882	2.197E-11	36.264	7.253	1.257E-09	19.086	3.817	1.833E-10
295	18.584	3.717	1.692E-10	-8.653	0.000	0.000E+00	16.755	3.351	1.240E-10	22.264	4.453	2.909E-10	18.118	3.624	1.568E-10	15.052	3.010	8.989E-11	13.055	2.611	5.864E-11
296	18.508	3.702	1.671E-10	20.994	4.199	2.439E-10	10.170	2.034	2.772E-11	8.195	1.639	1.451E-11	51.556	10.311	3.612E-09	13.809	2.762	6.940E-11	33.441	6.688	9.857E-10
297	-8.404	0.000	0.000E+00	15.939	3.188	1.067E-10	12.066	2.413	4.630E-11	19.282	3.856	1.889E-10	56.103	11.221	4.654E-09	14.690	2.938	8.355E-11	13.395	2.679	6.334E-11
298	12.276	2.455	4.876E-11	20.203	4.041	2.173E-10	18.606	3.721	1.698E-10	49.117	9.823	3.123E-09	11.527	2.305	4.036E-11	14.556	2.911	8.128E-11	10.925	2.185	3.437E-11
299	12.589	2.518	5.258E-11	13.050	2.610	5.858E-11	35.530	7.106	1.182E-09	73.293	14.659	1.038E-08	19.761	3.952	2.034E-10	8.371	1.674	1.546E-11	10.525	2.105	3.073E-11
300	9.547	1.909	2.293E-11	14.571	2.914	8.154E-11	16.061	3.212	1.092E-10	16.011	3.202	1.082E-10	63.183	12.637	6.648E-09	18.086	3.617	1.559E-10	18.547	3.709	1.681E-10
301	-9.569	0.000	0.000E+00	22.942	4.588	3.182E-10	16.763	3.353	1.242E-10	24.238	4.848	3.753E-10	9.944	1.989	2.591E-11	8.995	1.799	1.918E-11	15.508	3.102	9.831E-11
302	38.871	7.774	1.548E-09	33.741	6.748	1.012E-09	27.784	5.557	5.653E-10	30.330	6.066	7.354E-10	18.326	3.665	1.622E-10	19.143	3.829	1.849E-10	-9.448	0.000	0.000E+00
303	20.487	4.097	2.266E-10	9.247	1.849	2.084E-11	9.365	1.873	2.165E-11	19.111	3.822	1.840E-10	11.958	2.392	4.506E-11	22.418	4.484	2.970E-10	21.989	4.398	2.802E-10
304	25.786	5.157	4.519E-10	13.315	2.663	6.221E-11	22.205	4.441	2.886E-10	28.205	5.641	5.914E-10	22.259	4.452	2.907E-10	8.404	1.681	1.564E-11	44.339	8.868	2.297E-09
305	15.805	3.161	1.041E-10	18.371	3.674	1.634E-10	16.965	3.393	1.287E-10	18.993	3.799	1.806E-10	49.662	9.932	3.228E-09	18.161	3.632	1.579E-10	-11.528	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
306	8.943	1.789	1.885E-11	14.447	2.889	7.947E-11	16.471	3.294	1.178E-10	21.352	4.270	2.566E-10	38.046	7.609	1.451E-09	11.979	2.396	4.531E-11	17.990	3.598	1.534E-10
307	15.790	3.158	1.038E-10	11.034	2.207	3.541E-11	21.662	4.332	2.679E-10	31.446	6.289	8.195E-10	11.021	2.204	3.528E-11	17.675	3.535	1.455E-10	10.189	2.038	2.788E-11
308	13.955	2.791	7.163E-11	-8.072	0.000	0.000E+00	20.897	4.179	2.405E-10	10.450	2.090	3.007E-11	20.601	4.120	2.305E-10	-9.028	0.000	0.000E+00	15.848	3.170	1.049E-10
309	13.775	2.755	6.889E-11	18.707	3.741	1.725E-10	14.243	2.849	7.616E-11	40.606	8.121	1.765E-09	17.471	3.494	1.406E-10	16.644	3.329	1.215E-10	20.213	4.043	2.177E-10
310	10.603	2.121	3.142E-11	16.465	3.293	1.176E-10	16.986	3.397	1.292E-10	39.709	7.942	1.650E-09	38.760	7.752	1.535E-09	9.056	1.811	1.957E-11	16.370	3.274	1.156E-10
311	17.251	3.450	1.353E-10	18.853	3.771	1.766E-10	11.448	2.290	3.955E-11	43.621	8.724	2.188E-09	17.187	3.437	1.338E-10	14.819	2.964	8.577E-11	17.775	3.555	1.480E-10
312	18.318	3.664	1.620E-10	15.803	3.161	1.040E-10	14.445	2.889	7.945E-11	18.598	3.720	1.695E-10	43.965	8.793	2.240E-09	-15.580	0.000	0.000E+00	7.140	1.428	9.592E-12
313	13.970	2.794	7.186E-11	24.806	4.961	4.023E-10	19.948	3.990	2.092E-10	54.227	10.845	4.203E-09	13.874	2.775	7.039E-11	16.689	3.338	1.225E-10	7.366	1.473	1.053E-11
314	37.230	7.446	1.360E-09	19.797	3.959	2.045E-10	22.538	4.508	3.018E-10	11.370	2.274	3.874E-11	41.345	8.269	1.863E-09	11.207	2.241	3.710E-11	40.617	8.123	1.766E-09
315	36.025	7.205	1.232E-09	20.487	4.097	2.266E-10	21.985	4.397	2.801E-10	23.520	4.704	3.429E-10	15.974	3.195	1.074E-10	33.946	6.789	1.031E-09	19.069	3.814	1.828E-10
316	9.368	1.874	2.167E-11	21.060	4.212	2.462E-10	19.373	3.875	1.916E-10	20.398	4.080	2.237E-10	13.490	2.698	6.471E-11	10.309	2.062	2.888E-11	13.144	2.629	5.985E-11
317	12.785	2.557	5.507E-11	13.144	2.629	5.986E-11	11.927	2.385	4.472E-11	18.035	3.607	1.546E-10	46.663	9.333	2.678E-09	37.976	7.595	1.443E-09	14.607	2.921	8.215E-11
318	11.840	2.368	4.375E-11	7.785	1.557	1.243E-11	20.701	4.140	2.338E-10	8.910	1.782	1.865E-11	20.757	4.151	2.357E-10	18.093	3.619	1.561E-10	20.870	4.174	2.396E-10
319	13.540	2.708	6.543E-11	19.310	3.862	1.898E-10	8.809	1.762	1.802E-11	18.061	3.612	1.553E-10	36.981	7.396	1.333E-09	16.794	3.359	1.248E-10	18.284	3.657	1.611E-10
320	11.732	2.346	4.256E-11	9.326	1.865	2.138E-11	22.350	4.470	2.942E-10	23.112	4.622	3.254E-10	7.897	1.579	1.298E-11	17.487	3.497	1.410E-10	17.279	3.456	1.360E-10
321	20.509	4.102	2.274E-10	29.792	5.958	6.970E-10	10.646	2.129	3.180E-11	12.699	2.540	5.397E-11	19.385	3.877	1.920E-10	8.021	1.604	1.360E-11	13.117	2.623	5.948E-11
322	20.115	4.023	2.145E-10	10.507	2.101	3.057E-11	16.420	3.284	1.167E-10	19.832	3.966	2.056E-10	17.020	3.404	1.299E-10	25.527	5.105	4.384E-10	16.532	3.306	1.191E-10
323	10.887	2.177	3.401E-11	18.480	3.696	1.663E-10	32.152	6.430	8.760E-10	19.901	3.980	2.077E-10	20.137	4.027	2.152E-10	-9.299	0.000	0.000E+00	24.631	4.926	3.939E-10
324	39.623	7.925	1.640E-09	11.995	2.399	4.549E-11	17.960	3.592	1.527E-10	12.182	2.436	4.764E-11	11.044	2.209	3.550E-11	12.227	2.445	4.818E-11	17.322	3.464	1.370E-10
325	-10.137	0.000	0.000E+00	9.956	1.991	2.601E-11	40.615	8.123	1.766E-09	47.661	9.532	2.853E-09	36.162	7.232	1.246E-09	19.943	3.989	2.090E-10	12.056	2.411	4.618E-11
326	10.248	2.050	2.837E-11	13.129	2.626	5.964E-11	20.657	4.131	2.323E-10	-10.441	0.000	0.000E+00	33.571	6.714	9.972E-10	14.535	2.907	8.094E-11	6.385	1.277	6.861E-12
327	18.432	3.686	1.650E-10	-16.509	0.000	0.000E+00	14.638	2.928	8.267E-11	18.035	3.607	1.546E-10	12.849	2.570	5.591E-11	15.109	3.022	9.091E-11	24.328	4.866	3.795E-10
328	5.931	1.186	5.500E-12	14.980	2.996	8.860E-11	16.353	3.271	1.153E-10	44.410	8.882	2.308E-09	15.521	3.104	9.855E-11	17.137	3.427	1.326E-10	12.324	2.465	4.933E-11
329	16.652	3.330	1.217E-10	21.564	4.313	2.643E-10	14.838	2.968	8.611E-11	44.273	8.855	2.287E-09	81.190	16.238	1.411E-08	-12.324	0.000	0.000E+00	19.811	3.962	2.049E-10
330	9.459	1.892	2.231E-11	-7.396	0.000	0.000E+00	13.121	2.624	5.954E-11	12.021	2.404	4.579E-11	21.212	4.242	2.515E-10	10.698	2.140	3.227E-11	9.932	1.986	2.582E-11
331	20.875	4.175	2.397E-10	18.487	3.697	1.665E-10	18.888	3.778	1.776E-10	14.294	2.859	7.698E-11	10.460	2.092	3.016E-11	15.575	3.115	9.958E-11	13.506	2.701	6.493E-11
332	21.113	4.223	2.481E-10	18.422	3.684	1.648E-10	19.860	3.972	2.065E-10	52.846	10.569	3.890E-09	16.225	3.245	1.126E-10	17.483	3.497	1.408E-10	-6.711	0.000	0.000E+00
333	13.195	2.639	6.055E-11	18.309	3.662	1.618E-10	17.519	3.504	1.417E-10	25.357	5.071	4.297E-10	8.532	1.706	1.637E-11	-11.799	0.000	0.000E+00	18.141	3.628	1.573E-10
334	18.198	3.640	1.588E-10	14.389	2.878	7.852E-11	12.342	2.468	4.956E-11	16.198	3.240	1.120E-10	41.805	8.361	1.926E-09	21.619	4.324	2.663E-10	13.654	2.731	6.710E-11
335	19.812	3.962	2.050E-10	10.134	2.027	2.743E-11	15.154	3.031	9.173E-11	12.437	2.487	5.071E-11	12.709	2.542	5.411E-11	15.673	3.135	1.015E-10	17.543	3.509	1.423E-10
336	35.580	7.116	1.187E-09	30.984	6.197	7.840E-10	12.659	2.532	5.347E-11	14.479	2.896	8.000E-11	36.756	7.351	1.309E-09	18.237	3.647	1.599E-10	16.666	3.333	1.220E-10
337	24.883	4.977	4.061E-10	20.849	4.170	2.389E-10	6.950	1.390	8.850E-12	12.623	2.525	5.301E-11	24.219	4.844	3.744E-10	7.232	1.446	9.970E-12	16.573	3.315	1.200E-10
338	-7.344	0.000	0.000E+00	48.519	9.704	3.010E-09	9.256	1.851	2.090E-11	34.499	6.900	1.082E-09	31.721	6.344	8.413E-10	8.949	1.790	1.889E-11	9.927	1.985	2.578E-11
339	16.678	3.336	1.223E-10	15.435	3.087	9.691E-11	12.007	2.401	4.563E-11	16.353	3.271	1.153E-10	16.540	3.308	1.193E-10	17.549	3.510	1.425E-10	17.510	3.502	1.415E-10
340	20.635	4.127	2.316E-10	-13.786	0.000	0.000E+00	17.605	3.521	1.438E-10	10.767	2.153	3.290E-11	23.607	4.721	3.467E-10	15.212	3.042	9.279E-11	10.582	2.116	3.124E-11
341	-14.282	0.000	0.000E+00	14.510	2.902	8.051E-11	11.736	2.347	4.260E-11	-9.653	0.000	0.000E+00	9.908	1.982	2.563E-11	11.545	2.309	4.056E-11	27.974	5.595	5.770E-10
342	42.170	8.434	1.977E-09	8.932	1.786	1.878E-11	14.259	2.852	7.642E-11	42.608	8.522	2.039E-09	14.648	2.930	8.283E-11	14.616	2.923	8.230E-11	23.640	4.728	3.482E-10
343	43.357	8.671	2.148E-09	10.646	2.129	3.181E-11	22.253	4.451	2.905E-10	12.076	2.415	4.642E-11	11.133	2.227	3.637E-11	-14.540	0.000	0.000E+00	8.027	1.605	1.363E-11
344	15.885	3.177	1.056E-10	13.983	2.797	7.206E-11	13.435	2.687	6.392E-11	14.774	2.955	8.499E-11	47.467	9.493	2.819E-09	19.717	3.943	2.020E-10	18.227	3.645	1.596E-10
345	10.193	2.039	2.791E-11	11.719	2.344	4.242E-11	-8.432	0.000	0.000E+00	17.081	3.416	1.314E-10	6.734	1.347	8.050E-12	7.929	1.586	1.314E-11	17.584	3.517	1.433E-10
346	25.831	5.166	4.543E-10	16.358	3.272	1.154E-10	11.258	2.252	3.761E-11	21.947	4.389	2.786E-10	8.673	1.735	1.720E-11	17.550	3.510	1.425E-10	18.819	3.764	1.757E-10
347	18.549	3.710	1.682E-10	18.606	3.721	1.698E-10	14.996	2.999	8.888E-11	14.761	2.952	8.477E-11	6.829	1.366	8.396E-12	14.446	2.889	7.946E-11	17.040	3.408	1.304E-10
348	13.413	2.683	6.360E-11	6.831	1.366	8.402E-12	15.673	3.135	1.015E-10	-8.432	0.000	0.000E+00	18.973	3.795	1.800E-10	15.219	3.044	9.291E-11	9.550	1.910	2.295E-11
349	-20.421	0.000	0.000E+00	10.169	2.034	2.771E-11	19.247	3.849	1.879E-10	10.907	2.181	3.419E-11	15.984	3.197	1.076E-10	-9.250	0.000	0.000E+00	17.303	3.461	1.365E-10
350	18.135	3.627	1.572E-10	15.145	3.029	9.155E-11	8.178	1.636	1.442E-11	14.991	2.998	8.879E-11	17.284	3.457	1.361E-10	21.033	4.207	2.452E-10	14.017	2.803	7.259E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
351	11.149	2.230	3.652E-11	40.812	8.162	1.792E-09	8.984	1.797	1.911E-11	21.084	4.217	2.470E-10	111.035	22.207	3.608E-08	10.522	2.104	3.070E-11	12.297	2.459	4.901E-11
352	10.506	2.101	3.056E-11	13.575	2.715	6.593E-11	11.130	2.226	3.634E-11	55.136	11.027	4.418E-09	17.891	3.578	1.509E-10	5.859	1.172	5.302E-12	106.032	21.206	3.142E-08
353	10.715	2.143	3.242E-11	12.361	2.472	4.978E-11	35.563	7.113	1.185E-09	11.120	2.224	3.624E-11	21.293	4.259	2.544E-10	18.101	3.620	1.563E-10	9.335	1.867	2.144E-11
354	13.498	2.700	6.481E-11	12.679	2.536	5.373E-11	13.651	2.730	6.705E-11	12.249	2.450	4.844E-11	17.816	3.563	1.491E-10	24.337	4.867	3.799E-10	24.075	4.815	3.678E-10
355	9.815	1.963	2.492E-11	15.505	3.101	9.824E-11	14.551	2.910	8.120E-11	51.023	10.205	3.501E-09	43.672	8.734	2.195E-09	18.534	3.707	1.678E-10	9.365	1.873	2.165E-11
356	15.981	3.196	1.076E-10	21.781	4.356	2.724E-10	14.797	2.959	8.539E-11	38.874	7.775	1.548E-09	6.089	1.218	5.949E-12	6.819	1.364	8.356E-12	11.614	2.323	4.129E-11
357	29.058	5.812	6.467E-10	30.043	6.009	7.147E-10	8.146	1.629	1.424E-11	15.218	3.044	9.288E-11	22.598	4.520	3.041E-10	10.376	2.075	2.944E-11	19.424	3.885	1.931E-10
358	12.818	2.564	5.551E-11	14.552	2.910	8.122E-11	10.809	2.162	3.329E-11	8.803	1.761	1.798E-11	44.770	8.954	2.365E-09	-9.827	0.000	0.000E+00	14.594	2.919	8.193E-11
359	15.335	3.067	9.504E-11	-12.931	0.000	0.000E+00	20.641	4.128	2.318E-10	21.115	4.223	2.481E-10	40.765	8.153	1.785E-09	5.256	1.051	3.828E-12	10.288	2.058	2.870E-11
360	16.674	3.335	1.222E-10	13.261	2.652	6.147E-11	20.969	4.194	2.430E-10	53.787	10.757	4.101E-09	38.308	7.662	1.482E-09	18.616	3.723	1.700E-10	15.494	3.099	9.804E-11
361	10.511	2.102	3.061E-11	13.420	2.684	6.370E-11	-10.216	0.000	0.000E+00	34.328	6.866	1.066E-09	26.997	5.399	5.186E-10	18.575	3.715	1.689E-10	10.793	2.159	3.313E-11
362	12.899	2.580	5.657E-11	17.259	3.452	1.355E-10	19.825	3.965	2.054E-10	19.141	3.828	1.848E-10	-16.665	0.000	0.000E+00	13.792	2.758	6.915E-11	7.315	1.463	1.032E-11
363	16.182	3.236	1.117E-10	15.977	3.195	1.075E-10	30.020	6.004	7.130E-10	71.092	14.218	9.470E-09	34.047	6.809	1.040E-09	-9.471	0.000	0.000E+00	15.602	3.120	1.001E-10
364	9.489	1.898	2.252E-11	15.359	3.072	9.549E-11	8.479	1.696	1.607E-11	18.271	3.654	1.608E-10	59.746	11.949	5.621E-09	10.440	2.088	2.999E-11	16.016	3.203	1.083E-10
365	22.320	4.464	2.931E-10	-12.485	0.000	0.000E+00	13.950	2.790	7.155E-11	14.194	2.839	7.536E-11	44.421	8.884	2.310E-09	25.641	5.128	4.443E-10	14.182	2.836	7.518E-11
366	12.079	2.416	4.645E-11	16.501	3.300	1.184E-10	17.589	3.518	1.434E-10	-6.168	0.000	0.000E+00	15.741	3.148	1.028E-10	12.726	2.545	5.432E-11	18.567	3.713	1.687E-10
367	18.372	3.674	1.634E-10	10.962	2.192	3.472E-11	41.522	8.304	1.887E-09	74.555	14.911	1.092E-08	18.566	3.713	1.687E-10	41.124	8.225	1.833E-09	-7.334	0.000	0.000E+00
368	23.273	4.655	3.322E-10	14.523	2.905	8.074E-11	13.419	2.684	6.368E-11	52.614	10.523	3.839E-09	9.451	1.890	2.225E-11	35.458	7.092	1.175E-09	14.096	2.819	7.382E-11
369	26.447	5.289	4.875E-10	17.814	3.563	1.490E-10	11.257	2.251	3.760E-11	20.480	4.096	2.264E-10	18.591	3.718	1.694E-10	14.763	2.953	8.480E-11	9.359	1.872	2.161E-11
370	-9.354	0.000	0.000E+00	7.760	1.552	1.231E-11	-9.550	0.000	0.000E+00	26.413	5.283	4.856E-10	-36.823	0.000	0.000E+00	10.567	2.113	3.110E-11	16.100	3.220	1.100E-10
371	20.893	4.179	2.404E-10	15.079	3.016	9.037E-11	-14.166	0.000	0.000E+00	75.107	15.021	1.117E-08	16.307	3.261	1.143E-10	20.511	4.102	2.274E-10	15.372	3.074	9.574E-11
372	12.291	2.458	4.894E-11	83.437	16.687	1.531E-08	-13.889	0.000	0.000E+00	19.000	3.800	1.808E-10	34.771	6.954	1.108E-09	12.374	2.475	4.994E-11	11.437	2.287	3.942E-11
373	8.318	1.664	1.517E-11	16.327	3.265	1.147E-10	17.496	3.499	1.412E-10	19.684	3.937	2.010E-10	25.407	5.081	4.323E-10	14.922	2.984	8.758E-11	37.603	7.521	1.401E-09
374	8.092	1.618	1.396E-11	-12.343	0.000	0.000E+00	21.553	4.311	2.639E-10	17.744	3.549	1.472E-10	6.828	1.366	8.392E-12	27.358	5.472	5.397E-10	10.399	2.080	2.964E-11
375	-9.858	0.000	0.000E+00	24.667	4.933	3.956E-10	19.014	3.803	1.812E-10	15.377	3.075	9.583E-11	15.442	3.088	9.705E-11	38.148	7.630	1.463E-09	11.431	2.286	3.937E-11
376	50.822	10.164	3.460E-09	9.797	1.959	2.478E-11	29.473	5.895	6.748E-10	66.236	13.247	7.659E-09	24.340	4.868	3.800E-10	33.016	6.603	9.486E-10	16.566	3.313	1.198E-10
377	50.411	10.082	3.377E-09	15.192	3.038	9.241E-11	17.944	3.589	1.523E-10	-36.255	0.000	0.000E+00	42.586	8.517	2.036E-09	9.827	1.965	2.501E-11	14.919	2.984	8.752E-11
378	14.706	2.941	8.383E-11	16.811	3.362	1.252E-10	22.782	4.556	3.116E-10	23.000	4.600	3.207E-10	44.110	8.822	2.262E-09	13.008	2.602	5.802E-11	13.853	2.771	7.006E-11
379	28.126	5.625	5.864E-10	-6.457	0.000	0.000E+00	18.033	3.607	1.545E-10	24.064	4.813	3.673E-10	9.669	1.934	2.382E-11	26.004	5.201	4.635E-10	71.850	14.370	9.776E-09
380	12.635	2.527	5.316E-11	15.278	3.056	9.400E-11	18.488	3.698	1.666E-10	19.537	3.907	1.965E-10	43.848	8.770	2.222E-09	11.202	2.240	3.704E-11	19.256	3.851	1.882E-10
381	13.235	2.647	6.111E-11	15.716	3.143	1.023E-10	-12.026	0.000	0.000E+00	73.406	14.681	1.043E-08	21.759	4.352	2.715E-10	15.486	3.097	9.789E-11	45.958	9.192	2.558E-09
382	19.277	3.855	1.888E-10	22.729	4.546	3.095E-10	14.732	2.946	8.428E-11	30.040	6.008	7.145E-10	-7.194	0.000	0.000E+00	72.382	14.476	9.995E-09	13.536	2.707	6.536E-11
383	17.971	3.594	1.530E-10	12.537	2.507	5.194E-11	20.103	4.021	2.141E-10	20.158	4.032	2.159E-10	-10.601	0.000	0.000E+00	15.319	3.064	9.475E-11	24.560	4.912	3.905E-10
384	10.887	2.177	3.401E-11	17.409	3.482	1.391E-10	18.285	3.657	1.611E-10	39.944	7.989	1.680E-09	30.631	6.126	7.575E-10	6.419	1.284	6.970E-12	34.124	6.825	1.047E-09
385	-9.787	0.000	0.000E+00	15.726	3.145	1.025E-10	6.404	1.281	6.921E-12	17.301	3.460	1.365E-10	15.831	3.166	1.046E-10	8.999	1.800	1.921E-11	10.996	2.199	3.505E-11
386	17.136	3.427	1.326E-10	16.444	3.289	1.172E-10	-10.954	0.000	0.000E+00	17.366	3.473	1.380E-10	27.256	5.451	5.337E-10	12.779	2.556	5.500E-11	13.777	2.755	6.892E-11
387	37.186	7.437	1.355E-09	13.192	2.638	6.051E-11	25.663	5.133	4.454E-10	21.189	4.238	2.507E-10	13.900	2.780	7.078E-11	23.379	4.676	3.368E-10	37.478	7.496	1.387E-09
388	19.734	3.947	2.025E-10	44.094	8.819	2.260E-09	15.127	3.025	9.124E-11	76.950	15.390	1.201E-08	28.654	5.731	6.201E-10	15.278	3.056	9.399E-11	13.071	2.614	5.885E-11
389	13.771	2.754	6.883E-11	18.540	3.708	1.680E-10	13.093	2.619	5.916E-11	33.886	6.777	1.026E-09	32.399	6.480	8.964E-10	27.496	5.499	5.479E-10	13.299	2.660	6.199E-11
390	44.385	8.877	2.305E-09	-8.000	0.000	0.000E+00	13.461	2.692	6.429E-11	12.637	2.527	5.319E-11	23.192	4.638	3.288E-10	11.341	2.268	3.844E-11	15.863	3.173	1.052E-10
391	19.098	3.820	1.836E-10	14.599	2.920	8.200E-11	25.713	5.143	4.481E-10	25.154	5.031	4.195E-10	9.492	1.898	2.254E-11	11.189	2.238	3.692E-11	8.374	1.675	1.548E-11
392	14.441	2.888	7.937E-11	21.611	4.322	2.660E-10	36.128	7.226	1.243E-09	40.162	8.032	1.707E-09	39.833	7.877	1.610E-09	10.362	2.072	2.932E-11	41.992	8.398	1.952E-09
393	41.131	8.226	1.834E-09	10.679	2.136	3.210E-11	17.204	3.441	1.342E-10	15.149	3.030	9.163E-11	16.081	3.216	1.096E-10	14.945	2.989	8.797E-11	17.245	3.449	1.352E-10
394	7.059	1.412	9.273E-12	14.722	2.944	8.409E-11	39.671	7.934	1.646E-09	16.093	3.219	1.099E-10	17.532	3.506	1.420E-10	16.466	3.293	1.177E-10	13.601	2.720	6.631E-11
395	14.859	2.972	8.647E-11	12.831	2.566	5.568E-11	10.581	2.116	3.122E-11	10.674	2.135	3.206E-11	18.938	3.788	1.790E-10	13.480	2.696	6.456E-11	18.453	3.691	1.656E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
396	-13.061	0.000	0.000E+00	19.733	3.947	2.025E-10	16.818	3.364	1.254E-10	33.760	6.752	1.014E-09	41.345	8.269	1.863E-09	17.099	3.420	1.318E-10	17.965	3.593	1.528E-10
397	24.213	4.843	3.742E-10	8.213	1.643	1.460E-11	11.300	2.260	3.803E-11	47.189	9.438	2.770E-09	12.169	2.434	4.749E-11	18.685	3.737	1.719E-10	-9.084	0.000	0.000E+00
398	27.549	5.510	5.511E-10	17.088	3.418	1.315E-10	8.053	1.611	1.376E-11	12.036	2.407	4.596E-11	25.422	5.084	4.330E-10	18.458	3.692	1.657E-10	13.598	2.720	6.627E-11
399	16.320	3.264	1.146E-10	11.874	2.375	4.413E-11	30.340	6.068	7.361E-10	48.977	9.795	3.096E-09	-7.469	0.000	0.000E+00	17.116	3.423	1.322E-10	18.770	3.754	1.743E-10
400	40.888	8.178	1.802E-09	42.003	8.401	1.953E-09	23.163	4.633	3.275E-10	20.694	4.139	2.336E-10	16.992	3.398	1.293E-10	-9.032	0.000	0.000E+00	36.676	7.335	1.300E-09
401	40.418	8.084	1.740E-09	17.563	3.513	1.428E-10	45.480	9.096	2.479E-09	9.237	1.847	2.077E-11	45.382	9.076	2.463E-09	34.227	6.845	1.057E-09	14.153	2.831	7.472E-11
402	11.571	2.314	4.084E-11	10.627	2.125	3.163E-11	16.504	3.301	1.185E-10	107.290	21.458	3.255E-08	21.050	4.210	2.459E-10	31.009	6.202	7.859E-10	54.247	10.849	4.208E-09
403	15.633	3.127	1.007E-10	49.638	9.928	3.223E-09	36.659	7.332	1.298E-09	8.637	1.727	1.698E-11	72.288	14.458	9.956E-09	12.170	2.434	4.750E-11	25.636	5.127	4.441E-10
404	20.655	4.131	2.323E-10	8.666	1.733	1.715E-11	-8.155	0.000	0.000E+00	12.155	2.431	4.733E-11	28.199	5.640	5.910E-10	18.948	3.790	1.793E-10	18.852	3.770	1.766E-10
405	17.441	3.488	1.398E-10	23.826	4.765	3.565E-10	15.488	3.098	9.792E-11	16.255	3.251	1.132E-10	8.862	1.772	1.834E-11	12.782	2.556	5.505E-11	24.771	4.954	4.006E-10
406	17.650	3.530	1.449E-10	-9.755	0.000	0.000E+00	11.461	2.292	3.968E-11	13.112	2.622	5.941E-11	47.950	9.590	2.906E-09	13.475	2.695	6.449E-11	22.333	4.467	2.936E-10
407	12.499	2.500	5.147E-11	12.099	2.420	4.668E-11	-15.057	0.000	0.000E+00	16.627	3.325	1.211E-10	44.506	8.901	2.323E-09	25.263	5.053	4.250E-10	18.611	3.722	1.699E-10
408	11.456	2.291	3.963E-11	16.488	3.298	1.181E-10	36.419	7.284	1.273E-09	9.845	1.969	2.515E-11	18.828	3.766	1.759E-10	18.584	3.717	1.692E-10	13.195	2.639	6.055E-11
409	18.483	3.697	1.664E-10	29.372	5.874	6.678E-10	24.683	4.937	3.963E-10	9.431	1.886	2.211E-11	14.851	2.970	8.634E-11	-20.621	0.000	0.000E+00	-11.754	0.000	0.000E+00
410	36.177	7.235	1.248E-09	17.230	3.446	1.348E-10	13.021	2.604	5.819E-11	13.354	2.671	6.277E-11	15.774	3.155	1.034E-10	-26.917	0.000	0.000E+00	13.405	2.681	6.349E-11
411	-13.110	0.000	0.000E+00	9.683	1.937	2.393E-11	14.362	2.872	7.807E-11	21.618	4.324	2.663E-10	11.994	2.399	4.548E-11	16.657	3.331	1.218E-10	12.794	2.559	5.520E-11
412	29.224	5.845	6.578E-10	42.035	8.407	1.958E-09	29.183	5.837	6.550E-10	10.036	2.007	2.664E-11	23.320	4.664	3.343E-10	17.035	3.407	1.303E-10	10.552	2.110	3.097E-11
413	14.852	2.970	8.634E-11	-5.698	0.000	0.000E+00	31.032	6.206	7.876E-10	11.860	2.372	4.397E-11	17.186	3.437	1.338E-10	55.820	11.164	4.584E-09	14.315	2.863	7.732E-11
414	14.001	2.800	7.234E-11	41.593	8.319	1.897E-09	17.698	3.540	1.461E-10	38.267	7.653	1.477E-09	17.382	3.476	1.384E-10	-14.127	0.000	0.000E+00	-15.383	0.000	0.000E+00
415	19.979	3.996	2.102E-10	20.323	4.065	2.212E-10	14.165	2.833	7.491E-11	46.145	9.229	2.590E-09	21.426	4.285	2.593E-10	35.687	7.137	1.198E-09	20.918	4.184	2.412E-10
416	48.633	9.727	3.032E-09	19.030	3.806	1.816E-10	85.172	17.034	1.628E-08	17.106	3.421	1.319E-10	10.306	2.061	2.885E-11	13.836	2.767	6.980E-11	16.557	3.311	1.196E-10
417	17.516	3.503	1.417E-10	26.186	5.237	4.732E-10	17.383	3.477	1.385E-10	16.346	3.269	1.151E-10	12.421	2.484	5.051E-11	19.714	3.943	2.019E-10	11.053	2.211	3.559E-11
418	25.002	5.000	4.119E-10	13.495	2.699	6.477E-11	18.225	3.645	1.596E-10	14.759	2.952	8.473E-11	38.425	7.685	1.495E-09	41.946	8.389	1.945E-09	10.908	2.182	3.420E-11
419	13.191	2.638	6.050E-11	28.789	5.758	6.289E-10	30.249	6.050	7.295E-10	12.434	2.487	5.067E-11	-26.486	0.000	0.000E+00	18.277	3.655	1.609E-10	15.443	3.089	9.706E-11
420	53.574	10.715	4.053E-09	-17.158	0.000	0.000E+00	11.588	2.318	4.101E-11	-11.527	0.000	0.000E+00	18.915	3.783	1.784E-10	38.292	7.658	1.480E-09	46.681	9.336	2.681E-09
421	17.489	3.498	1.410E-10	16.353	3.271	1.153E-10	23.174	4.635	3.280E-10	17.490	3.498	1.410E-10	19.769	3.954	2.036E-10	14.789	2.958	8.525E-11	-11.338	0.000	0.000E+00
422	74.355	14.871	1.083E-08	18.125	3.625	1.569E-10	40.170	8.034	1.708E-09	42.786	8.557	2.064E-09	16.849	3.370	1.261E-10	9.711	1.942	2.414E-11	15.739	3.148	1.028E-10
423	22.776	4.555	3.114E-10	8.963	1.793	1.898E-11	16.511	3.302	1.186E-10	54.236	10.847	4.205E-09	10.004	2.001	2.639E-11	67.938	13.588	8.265E-09	22.150	4.430	2.864E-10
424	28.815	5.763	6.306E-10	13.934	2.787	7.130E-11	41.191	8.238	1.842E-09	11.030	2.206	3.537E-11	62.437	12.487	6.415E-09	17.815	3.563	1.490E-10	8.519	1.704	1.630E-11
425	26.965	5.393	5.167E-10	18.963	3.793	1.797E-10	20.678	4.136	2.330E-10	101.865	20.373	2.786E-08	14.692	2.938	8.358E-11	35.166	7.033	1.146E-09	-14.571	0.000	0.000E+00
426	39.955	7.991	1.681E-09	9.435	1.887	2.214E-11	28.008	5.602	5.791E-10	72.798	14.560	1.017E-08	54.946	10.989	4.372E-09	15.536	3.107	9.884E-11	41.657	8.331	1.905E-09
427	18.474	3.695	1.662E-10	7.418	1.484	1.076E-11	37.433	7.487	1.382E-09	40.702	8.140	1.777E-09	7.908	1.582	1.304E-11	40.531	8.106	1.755E-09	21.976	4.395	2.797E-10
428	29.867	5.973	7.022E-10	21.682	4.336	2.687E-10	32.361	6.472	8.932E-10	10.778	2.156	3.300E-11	82.530	16.506	1.482E-08	86.110	17.222	1.683E-08	45.962	9.192	2.559E-09
429	15.556	3.111	9.922E-11	11.775	2.355	4.303E-11	20.105	4.021	2.142E-10	78.105	15.621	1.256E-08	-10.678	0.000	0.000E+00	17.835	3.567	1.495E-10	24.136	4.827	3.706E-10
430	11.071	2.214	3.576E-11	7.802	1.560	1.252E-11	11.542	2.308	4.052E-11	12.277	2.455	4.877E-11	19.004	3.801	1.809E-10	41.822	8.364	1.928E-09	12.176	2.435	4.757E-11
431	30.592	6.118	7.546E-10	9.677	1.935	2.388E-11	69.770	13.954	8.952E-09	77.411	15.482	1.223E-08	36.303	7.261	1.261E-09	38.076	7.615	1.455E-09	-8.341	0.000	0.000E+00
432	17.319	3.464	1.369E-10	17.154	3.431	1.330E-10	10.881	2.176	3.396E-11	49.967	9.993	3.288E-09	8.938	1.788	1.882E-11	17.172	3.434	1.334E-10	18.439	3.688	1.652E-10
433	12.409	2.482	5.036E-11	10.819	2.164	3.338E-11	26.548	5.310	4.932E-10	14.083	2.817	7.361E-11	11.846	2.369	4.381E-11	32.905	6.581	9.390E-10	24.318	4.864	3.790E-10
434	21.236	4.247	2.524E-10	31.118	6.224	7.942E-10	39.359	7.872	1.607E-09	14.249	2.850	7.624E-11	50.032	10.006	3.301E-09	37.926	7.585	1.438E-09	87.452	17.490	1.763E-08
435	22.998	4.600	3.206E-10	10.403	2.081	2.967E-11	24.523	4.905	3.887E-10	6.250	1.250	6.434E-12	13.720	2.744	6.807E-11	30.340	6.068	7.361E-10	15.371	3.074	9.572E-11
436	25.592	5.118	4.418E-10	22.567	4.513	3.029E-10	48.938	9.788	3.089E-09	81.595	16.319	1.432E-08	25.683	5.137	4.465E-10	31.243	6.249	8.038E-10	-6.601	0.000	0.000E+00
437	24.874	4.975	4.056E-10	-12.847	0.000	0.000E+00	27.180	5.436	5.292E-10	14.818	2.964	8.576E-11	16.936	3.387	1.280E-10	18.110	3.622	1.566E-10	25.376	5.075	4.307E-10
438	13.422	2.684	6.373E-11	-10.674	0.000	0.000E+00	15.764	3.153	1.033E-10	18.963	3.793	1.797E-10	36.277	7.255	1.258E-09	14.079	2.816	7.355E-11	21.192	4.238	2.508E-10
439	14.719	2.944	8.405E-11	31.831	6.366	8.501E-10	14.877	2.975	8.679E-11	76.967	15.393	1.202E-08	12.205	2.441	4.792E-11	10.637	2.127	3.172E-11	17.310	3.462	1.367E-10
440	25.836	5.167	4.545E-10	-9.862	0.000	0.000E+00	23.439	4.688	3.394E-10	24.937	4.987	4.087E-10	10.330	2.066	2.905E-11	57.730	11.546	5.071E-09	14.796	2.959</	

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
441	12.341	2.468	4.953E-11	16.774	3.355	1.244E-10	17.357	3.471	1.378E-10	23.343	4.669	3.353E-10	21.110	4.222	2.480E-10	15.198	3.040	9.252E-11	20.781	4.156	2.365E-10
442	12.492	2.498	5.138E-11	30.303	6.061	7.334E-10	13.304	2.661	6.206E-11	14.870	2.974	8.665E-11	14.728	2.946	8.419E-11	20.123	4.025	2.148E-10	17.649	3.530	1.449E-10
443	21.257	4.251	2.532E-10	20.739	4.148	2.351E-10	13.449	2.690	6.412E-11	34.827	6.965	1.113E-09	10.094	2.019	2.710E-11	17.929	3.586	1.519E-10	-5.432	0.000	0.000E+00
444	32.757	6.551	9.264E-10	19.811	3.962	2.049E-10	12.616	2.523	5.292E-11	17.199	3.440	1.341E-10	16.531	3.306	1.191E-10	34.372	6.874	1.070E-09	14.033	2.807	7.284E-11
445	15.183	3.037	9.224E-11	16.839	3.368	1.259E-10	16.024	3.205	1.084E-10	78.848	15.770	1.292E-08	11.157	2.231	3.660E-11	31.488	6.298	8.228E-10	17.694	3.539	1.460E-10
446	76.825	15.365	1.195E-08	27.168	5.434	5.285E-10	27.333	5.467	5.382E-10	17.009	3.402	1.297E-10	19.780	3.956	2.040E-10	22.867	4.573	3.152E-10	13.289	2.658	6.185E-11
447	10.653	2.131	3.187E-11	23.487	4.697	3.415E-10	-10.407	0.000	0.000E+00	14.223	2.845	7.584E-11	16.203	3.241	1.121E-10	14.476	2.895	7.995E-11	12.718	2.544	5.422E-11
448	17.149	3.430	1.329E-10	36.169	7.234	1.247E-09	10.109	2.022	2.723E-11	67.189	13.438	7.994E-09	20.695	4.139	2.336E-10	20.525	4.105	2.279E-10	11.601	2.320	4.115E-11
449	16.301	3.260	1.142E-10	19.638	3.928	1.996E-10	13.304	2.661	6.207E-11	12.283	2.457	4.885E-11	51.092	10.218	3.515E-09	8.584	1.717	1.667E-11	14.424	2.885	7.910E-11
450	26.134	5.227	4.704E-10	74.131	14.826	1.074E-08	13.211	2.642	6.077E-11	29.202	5.840	6.563E-10	12.337	2.467	4.949E-11	12.149	2.430	4.727E-11	-13.322	0.000	0.000E+00
451	17.075	3.415	1.312E-10	78.160	15.632	1.258E-08	12.831	2.566	5.568E-11	13.317	2.663	6.225E-11	54.522	10.904	4.272E-09	29.771	5.954	6.954E-10	15.705	3.141	1.021E-10
452	16.434	3.287	1.170E-10	10.273	2.055	2.857E-11	31.528	6.306	8.260E-10	60.929	12.186	5.962E-09	17.163	3.433	1.332E-10	20.284	4.057	2.200E-10	9.807	1.961	2.486E-11
453	73.350	14.670	1.040E-08	48.962	9.792	3.094E-09	26.422	5.284	4.862E-10	26.777	5.355	5.060E-10	11.030	2.206	3.537E-11	17.194	3.439	1.340E-10	17.350	3.470	1.376E-10
454	42.340	8.468	2.001E-09	12.262	2.452	4.860E-11	13.064	2.613	5.876E-11	28.955	5.791	6.398E-10	12.612	2.522	5.287E-11	13.029	2.606	5.829E-11	17.919	3.584	1.516E-10
455	29.224	5.845	6.579E-10	87.399	17.480	1.760E-08	49.995	9.999	3.294E-09	29.241	5.848	6.590E-10	10.534	2.107	3.081E-11	17.302	3.460	1.365E-10	16.811	3.362	1.252E-10
456	27.456	5.491	5.455E-10	-18.913	0.000	0.000E+00	16.841	3.368	1.259E-10	49.490	9.898	3.195E-09	9.766	1.953	2.455E-11	9.312	1.862	2.128E-11	11.136	2.227	3.640E-11
457	30.123	6.025	7.204E-10	13.153	2.631	5.997E-11	15.554	3.111	9.918E-11	11.479	2.296	3.987E-11	46.912	9.382	2.721E-09	15.652	3.130	1.011E-10	43.699	8.740	2.199E-09
458	36.546	7.309	1.286E-09	41.520	8.304	1.886E-09	25.035	5.007	4.136E-10	13.230	2.646	6.104E-11	13.735	2.747	6.829E-11	11.811	2.362	4.343E-11	-7.415	0.000	0.000E+00
459	9.650	1.930	2.369E-11	10.676	2.135	3.207E-11	21.305	4.261	2.549E-10	21.651	4.330	2.675E-10	14.912	2.982	8.739E-11	13.585	2.717	6.608E-11	16.212	3.242	1.123E-10
460	17.835	3.567	1.495E-10	19.091	3.818	1.834E-10	13.960	2.792	7.170E-11	86.027	17.205	1.678E-08	-12.865	0.000	0.000E+00	27.866	5.573	5.703E-10	16.416	3.283	1.166E-10
461	9.255	1.851	2.089E-11	12.956	2.591	5.732E-11	36.281	7.256	1.259E-09	28.068	5.614	5.828E-10	44.942	8.988	2.392E-09	30.767	6.153	7.676E-10	17.090	3.418	1.315E-10
462	36.298	7.260	1.261E-09	20.614	4.123	2.309E-10	43.185	8.637	2.123E-09	20.290	4.058	2.202E-10	4.948	0.990	3.193E-12	7.306	1.461	1.028E-11	28.620	5.724	6.179E-10
463	18.663	3.733	1.713E-10	25.934	5.187	4.597E-10	17.149	3.430	1.345E-10	17.218	3.444	1.345E-10	36.186	7.237	1.249E-09	17.304	3.461	1.366E-10	77.355	15.471	1.220E-08
464	17.353	3.471	1.377E-10	-21.873	0.000	0.000E+00	12.735	2.547	5.444E-11	28.920	5.784	6.375E-10	12.475	2.495	5.118E-11	24.402	4.880	3.830E-10	10.243	2.049	2.833E-11
465	15.145	3.029	9.155E-11	49.137	9.827	3.127E-09	14.148	2.830	7.465E-11	8.636	1.727	1.698E-11	18.306	3.661	1.617E-10	16.200	3.240	1.121E-10	12.151	2.430	4.729E-11
466	6.940	1.388	8.810E-12	-8.508	0.000	0.000E+00	10.248	2.050	2.837E-11	48.778	9.756	3.059E-09	11.719	2.344	4.242E-11	47.501	9.500	2.825E-09	79.263	15.853	1.312E-08
467	28.416	5.683	6.047E-10	15.338	3.068	9.510E-11	14.650	2.930	8.286E-11	12.556	2.511	5.218E-11	11.780	2.356	4.309E-11	11.612	2.322	4.127E-11	18.256	3.651	1.604E-10
468	13.033	2.607	5.835E-11	17.765	3.553	1.478E-10	13.435	2.687	6.391E-11	18.014	3.603	1.541E-10	34.437	6.887	1.076E-09	10.663	2.133	3.195E-11	18.268	3.654	1.607E-10
469	18.278	3.656	1.610E-10	10.744	2.149	3.269E-11	29.003	5.801	6.430E-10	19.713	3.943	2.019E-10	37.948	7.590	1.440E-09	15.060	3.012	9.003E-11	89.156	17.831	1.868E-08
470	33.767	6.753	1.015E-09	72.086	14.417	9.873E-09	17.779	3.556	1.481E-10	46.401	9.280	2.633E-09	-25.792	0.000	0.000E+00	-9.807	0.000	0.000E+00	34.914	6.983	1.122E-09
471	14.794	2.959	8.535E-11	39.546	7.909	1.630E-09	24.229	4.846	3.749E-10	-9.381	0.000	0.000E+00	32.490	6.498	9.040E-10	14.971	2.994	8.844E-11	15.808	3.162	1.041E-10
472	35.411	7.082	1.170E-09	32.589	6.518	9.123E-10	33.843	6.769	1.022E-09	12.628	2.526	5.308E-11	-7.665	0.000	0.000E+00	41.640	8.328	1.903E-09	14.800	2.960	8.545E-11
473	25.242	5.048	4.239E-10	35.581	7.116	1.187E-09	12.851	2.570	5.594E-11	13.968	2.794	7.182E-11	46.589	9.318	2.665E-09	38.057	7.611	1.453E-09	16.560	3.312	1.197E-10
474	13.568	2.714	6.583E-11	13.836	2.767	6.982E-11	29.762	5.952	6.948E-10	23.315	4.663	3.340E-10	12.625	2.525	5.304E-11	13.048	2.610	5.855E-11	21.211	4.242	2.515E-10
475	21.815	4.363	2.736E-10	82.202	16.440	1.464E-08	15.644	3.129	1.009E-10	75.139	15.028	1.118E-08	26.501	5.300	4.905E-10	-7.219	0.000	0.000E+00	50.074	10.015	3.309E-09
476	29.547	5.909	6.799E-10	40.340	8.068	1.730E-09	15.140	3.028	9.147E-11	11.617	2.323	4.132E-11	17.693	3.539	1.460E-10	14.302	2.860	7.710E-11	14.010	2.802	7.248E-11
477	10.929	2.186	3.440E-11	10.163	2.033	2.766E-11	40.253	8.051	1.719E-09	14.900	2.980	8.719E-11	19.587	3.917	1.981E-10	42.506	8.501	2.024E-09	84.522	16.904	1.591E-08
478	28.981	5.796	6.415E-10	66.776	13.355	7.848E-09	12.412	2.482	5.040E-11	28.928	5.786	6.381E-10	11.603	2.321	4.117E-11	88.899	17.780	1.852E-08	12.918	2.584	5.682E-11
479	14.128	2.826	7.433E-11	25.086	5.017	4.161E-10	17.197	3.439	1.341E-10	82.193	16.439	1.464E-08	15.874	3.175	1.054E-10	13.407	2.681	6.351E-11	12.573	2.515	5.238E-11
480	20.552	4.110	2.288E-10	23.500	4.700	3.420E-10	25.233	5.047	4.235E-10	33.609	6.722	1.001E-09	17.950	3.590	1.524E-10	18.580	3.716	1.690E-10	14.185	2.837	7.523E-11
481	46.003	9.201	2.566E-09	60.787	12.157	5.920E-09	15.240	3.048	9.330E-11	13.824	2.765	6.963E-11	12.160	2.432	4.739E-11	11.377	2.275	3.881E-11	26.685	5.337	5.008E-10
482	20.100	4.020	2.140E-10	41.159	8.232	1.838E-09	71.705	14.341	9.717E-09	44.284	8.857	2.289E-09	27.219	5.444	5.315E-10	11.163	2.233	3.666E-11	78.953	15.791	1.297E-08
483	35.185	7.037	1.148E-09	19.462	3.892	1.943E-10	19.316	3.863	1.900E-10	41.147	8.229	1.836E-09	40.954	8.191	1.810E-09	28.226	5.645	5.927E-10	15.625	3.125	1.005E-10
484	39.419	7.884	1.614E-09	11.454	2.291	3.960E-11	13.227	2.645	6.100E-11	17.228	3.446	1.348E-10	10.889	2.178	3.403E-11	11.489	2.298	3.997E-11	12.512	2.502	5.162E-11
485	13.542	2.708	6.545E-11	70.414	14.083	9.202E-09	19.677	3.935	2.008E-10	17.664	3.533	1.453E-10	11.050	2.210	3.556E-11	10.813	2.163	3.332E-11	71.049	14.210	9

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
486	18.594	3.719	1.694E-10	23.747	4.749	3.530E-10	22.126	4.425	2.855E-10	21.600	4.320	2.656E-10	25.528	5.106	4.385E-10	15.334	3.067	9.503E-11	16.932	3.386	1.279E-10
487	11.769	2.354	4.296E-11	84.078	16.816	1.567E-08	38.562	7.712	1.511E-09	48.921	9.784	3.086E-09	18.281	3.656	1.610E-10	21.268	4.254	2.536E-10	13.908	2.782	7.090E-11
488	38.135	7.627	1.462E-09	72.865	14.573	1.020E-08	12.881	2.576	5.633E-11	12.286	2.457	4.888E-11	10.770	2.154	3.293E-11	12.057	2.411	4.620E-11	15.167	3.033	9.196E-11
489	52.306	10.461	3.772E-09	16.933	3.387	1.280E-10	70.756	14.151	9.336E-09	84.802	16.960	1.607E-08	12.553	2.511	5.213E-11	10.352	2.070	2.924E-11	5.532	1.106	4.462E-12
490	11.639	2.328	4.155E-11	14.207	2.841	7.557E-11	16.819	3.364	1.254E-10	11.129	2.226	3.633E-11	11.716	2.343	4.239E-11	12.466	2.493	5.106E-11	7.733	1.547	1.219E-11
491	27.219	5.444	5.315E-10	14.431	2.886	7.921E-11	28.008	5.602	5.791E-10	11.184	2.237	3.687E-11	69.622	13.924	8.895E-09	37.127	7.425	1.349E-09	20.306	4.061	2.207E-10
492	-28.211	0.000	0.000E+00	22.761	4.552	3.108E-10	13.889	2.778	7.061E-11	19.209	3.842	1.868E-10	47.848	9.570	2.887E-09	36.698	7.340	1.303E-09	19.840	3.968	2.058E-10
493	14.459	2.892	7.967E-11	72.568	14.514	1.007E-08	18.154	3.631	1.577E-10	17.554	3.511	1.426E-10	45.469	9.094	2.478E-09	25.324	5.065	4.281E-10	20.804	4.161	2.373E-10
494	9.478	1.896	2.244E-11	42.789	8.558	2.065E-09	40.782	8.156	1.788E-09	74.397	14.879	1.085E-08	18.217	3.643	1.593E-10	14.038	2.808	7.292E-11	12.510	2.502	5.160E-11
495	9.516	1.903	2.271E-11	42.004	8.401	1.953E-09	18.245	3.649	1.601E-10	70.358	14.072	9.180E-09	55.648	11.130	4.542E-09	12.144	2.429	4.720E-11	44.308	8.862	2.293E-09
496	15.403	3.081	9.632E-11	9.491	1.898	2.253E-11	17.608	3.522	1.439E-10	16.705	3.341	1.229E-10	14.576	2.915	8.161E-11	74.998	15.000	1.112E-08	50.533	10.107	3.401E-09
497	18.693	3.739	1.722E-10	14.338	2.868	7.769E-11	31.291	6.258	8.075E-10	22.939	4.588	3.181E-10	14.627	2.925	8.248E-11	18.650	3.730	1.710E-10	71.420	14.284	9.602E-09
498	13.274	2.655	6.164E-11	40.129	8.026	1.703E-09	-18.585	0.000	0.000E+00	9.783	1.957	2.468E-11	16.081	3.216	1.096E-10	46.538	9.308	2.656E-09	27.172	5.434	5.287E-10
499	19.363	3.873	1.913E-10	16.040	3.208	1.088E-10	25.264	5.053	4.250E-10	-10.162	0.000	0.000E+00	17.342	3.468	1.375E-10	16.733	3.347	1.235E-10	11.224	2.245	3.727E-11
500	8.256	1.651	1.483E-11	41.916	8.383	1.941E-09	69.832	13.966	8.976E-09	13.270	2.654	6.160E-11	13.364	2.673	6.291E-11	12.664	2.533	5.353E-11	18.537	3.707	1.679E-10
501	19.095	3.819	1.835E-10	64.634	12.927	7.117E-09	31.371	6.274	8.138E-10	74.162	14.832	1.075E-08	21.472	4.294	2.609E-10	18.627	3.725	1.703E-10	72.644	14.529	1.010E-08
502	6.484	1.297	7.184E-12	95.599	19.120	2.303E-08	6.665	1.333	7.802E-12	18.730	3.746	1.732E-10	44.742	8.948	2.361E-09	17.148	3.430	1.329E-10	11.723	2.345	4.246E-11
503	39.639	7.928	1.642E-09	10.188	2.038	2.787E-11	18.465	3.693	1.659E-10	30.048	6.010	7.151E-10	7.952	1.590	1.325E-11	36.127	7.225	1.243E-09	28.305	5.661	5.977E-10
504	12.702	2.540	5.402E-11	54.347	10.869	4.231E-09	13.807	2.761	6.937E-11	20.461	4.092	2.258E-10	7.356	1.471	1.049E-11	53.209	10.642	3.971E-09	-12.647	0.000	0.000E+00
505	25.149	5.030	4.192E-10	18.070	3.614	1.555E-10	14.661	2.932	8.305E-11	21.429	4.286	2.594E-10	16.231	3.246	1.127E-10	39.600	7.920	1.637E-09	72.756	14.551	1.015E-08
506	7.410	1.482	1.072E-11	30.835	6.167	7.727E-10	-14.159	0.000	0.000E+00	14.061	2.812	7.326E-11	25.779	5.156	4.515E-10	32.404	6.481	8.968E-10	-15.818	0.000	0.000E+00
507	12.845	2.569	5.586E-11	13.949	2.790	7.153E-11	15.598	3.120	1.000E-10	15.990	3.198	1.077E-10	14.281	2.856	7.677E-11	32.693	6.539	9.210E-10	7.721	1.544	1.213E-11
508	19.666	3.933	2.005E-10	51.881	10.376	3.681E-09	28.332	5.666	5.994E-10	16.643	3.329	1.215E-10	19.472	3.894	1.946E-10	37.662	7.532	1.408E-09	11.502	2.300	4.010E-11
509	20.593	4.119	2.302E-10	-10.391	0.000	0.000E+00	14.178	2.836	7.512E-11	11.102	2.220	3.607E-11	-12.363	0.000	0.000E+00	-10.922	0.000	0.000E+00	13.260	2.652	6.145E-11
510	32.279	6.456	8.864E-10	50.454	10.091	3.385E-09	10.080	2.016	2.699E-11	28.241	5.648	5.936E-10	27.283	5.457	5.353E-10	27.915	5.583	5.733E-10	28.277	5.655	5.959E-10
511	17.449	3.490	1.400E-10	15.948	3.190	1.069E-10	15.627	3.125	1.006E-10	13.864	2.773	7.023E-11	14.038	2.808	7.292E-11	16.589	3.318	1.203E-10	87.468	17.494	1.764E-08
512	15.157	3.031	9.178E-11	12.981	2.596	5.765E-11	49.568	9.914	3.210E-09	11.116	2.223	3.621E-11	54.663	10.933	4.305E-09	7.983	1.597	1.341E-11	15.569	3.114	9.947E-11
513	18.745	3.749	1.736E-10	25.809	5.162	4.531E-10	5.595	1.119	4.616E-12	9.858	1.972	2.525E-11	24.078	4.816	3.679E-10	14.712	2.942	8.392E-11	11.239	2.248	3.742E-11
514	15.023	3.005	8.937E-11	42.527	8.505	2.027E-09	15.604	3.121	1.001E-10	32.284	6.457	8.869E-10	27.658	5.532	5.576E-10	-10.478	0.000	0.000E+00	-10.244	0.000	0.000E+00
515	13.594	2.719	6.622E-11	16.441	3.288	1.171E-10	24.704	4.941	3.974E-10	11.033	2.207	3.540E-11	11.573	2.315	4.085E-11	45.469	9.094	2.478E-09	10.379	2.076	2.947E-11
516	18.245	3.649	1.601E-10	15.211	3.042	9.276E-11	21.402	4.280	2.584E-10	9.274	1.855	2.102E-11	14.378	2.876	7.834E-11	10.496	2.099	3.048E-11	14.268	2.854	7.655E-11
517	21.716	4.343	2.699E-10	19.261	3.852	1.883E-10	39.721	7.944	1.652E-09	17.939	3.588	1.522E-10	13.917	2.783	7.104E-11	25.235	5.047	4.235E-10	23.227	4.645	3.303E-10
518	18.347	3.669	1.628E-10	9.387	1.877	2.180E-11	15.874	3.175	1.054E-10	25.398	5.080	4.318E-10	12.360	2.472	4.977E-11	16.393	3.279	1.161E-10	-9.407	0.000	0.000E+00
519	25.602	5.120	4.423E-10	20.918	4.184	2.412E-10	12.257	2.451	4.853E-11	14.382	2.876	7.841E-11	13.869	2.774	7.032E-11	15.774	3.155	1.035E-10	72.953	14.591	1.023E-08
520	14.468	2.894	7.982E-11	15.537	3.107	9.885E-11	33.899	6.780	1.027E-09	14.841	2.968	8.616E-11	33.976	6.795	1.034E-09	45.940	9.188	2.555E-09	16.984	3.397	1.291E-10
521	10.025	2.005	2.656E-11	10.703	2.141	3.231E-11	15.978	3.196	1.075E-10	21.842	4.368	2.747E-10	47.728	9.546	2.866E-09	18.222	3.644	1.595E-10	29.037	5.807	6.453E-10
522	16.399	3.280	1.162E-10	10.455	2.091	3.012E-11	30.606	6.121	7.556E-10	31.558	6.312	8.283E-10	21.458	4.292	2.604E-10	15.353	3.071	9.538E-11	12.413	2.483	5.040E-11
523	-20.181	0.000	0.000E+00	-6.679	0.000	0.000E+00	10.612	2.122	3.150E-11	41.280	8.256	1.854E-09	27.884	5.577	5.714E-10	16.256	3.251	1.132E-10	96.347	19.269	2.357E-08
524	18.106	3.621	1.564E-10	7.827	1.565	1.264E-11	70.510	14.102	9.239E-09	13.466	2.693	6.436E-11	25.045	5.009	4.140E-10	15.679	3.136	1.016E-10	14.145	2.829	7.460E-11
525	16.834	3.367	1.257E-10	46.573	9.315	2.663E-09	18.407	3.681	1.644E-10	12.088	2.418	4.656E-11	21.524	4.305	2.628E-10	15.828	3.166	1.045E-10	13.538	2.708	6.540E-11
526	12.255	2.451	4.851E-11	9.496	1.899	2.257E-11	15.594	3.119	9.995E-11	40.922	8.184	1.806E-09	26.851	5.370	5.103E-10	12.844	2.569	5.585E-11	8.592	1.718	1.672E-11
527	15.889	3.178	1.057E-10	16.931	3.386	1.279E-11	15.439	3.088	9.699E-11	68.731	13.746	8.58E-09	24.254	4.851	3.761E-10	13.281	2.656	6.174E-11	15.291	3.058	9.423E-11
528	45.196	9.039	2.433E-09	8.049	1.610	1.375E-11	11.985	2.397	4.537E-11	15.174	3.035	9.209E-11	15.048	3.010	8.982E-11	39.325	7.865	1.603E-09	17.066	3.413	1.310E-10
529	26.406	5.281	4.853E-10	14.233	2.847	7.600E-11	17.099	3.420	1.318E-10	75.851	15.170	1.150E-08	41.533	8.307	1.888E-09	10.932	2.186	3.443E-11	16.069	3.214	1.094E-10
530	16.816	3.363	1.253E-10	15.871	3.174	1.054E-10	16.889	3.378	1.270E-10	27.131	5.426	5.263E-10	14.097	2.819	7.383E-11	16.505	3.301	1.185E-10	30.981	6.196	7.838E

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
531	21.954	4.391	2.789E-10	13.254	2.651	6.136E-11	10.081	2.016	2.700E-11	9.172	1.834	2.034E-11	48.651	9.730	3.035E-09	15.207	3.041	9.269E-11	13.643	2.729	6.693E-11
532	21.304	4.261	2.549E-10	61.932	12.386	6.261E-09	6.425	1.285	6.989E-12	14.031	2.806	7.281E-11	11.056	2.211	3.562E-11	10.357	2.071	2.928E-11	78.934	15.787	1.296E-08
533	83.219	16.644	1.519E-08	20.983	4.197	2.435E-10	74.862	14.972	1.106E-08	13.722	2.744	6.810E-11	33.708	6.742	1.009E-09	34.467	6.893	1.079E-09	15.479	3.096	9.775E-11
534	13.314	2.663	6.220E-11	33.207	6.641	9.651E-10	48.722	9.744	3.048E-09	27.963	5.593	5.763E-10	9.627	1.925	2.352E-11	13.167	2.633	6.016E-11	56.339	11.268	4.713E-09
535	18.275	3.655	1.609E-10	44.706	8.941	2.355E-09	18.811	3.762	1.754E-10	-10.670	0.000	0.000E+00	32.310	6.462	8.890E-10	-12.762	0.000	0.000E+00	22.830	4.566	3.136E-10
536	14.374	2.875	7.827E-11	19.643	3.929	1.998E-10	56.720	11.344	4.810E-09	80.105	16.021	1.355E-08	39.226	7.845	1.591E-09	41.985	8.397	1.951E-09	10.661	2.132	3.194E-11
537	54.731	10.946	4.321E-09	13.694	2.739	6.768E-11	12.999	2.600	5.789E-11	35.007	7.001	1.131E-09	16.011	3.202	1.082E-10	20.161	4.032	2.160E-10	45.828	9.166	2.537E-09
538	13.401	2.680	6.343E-11	11.917	2.383	4.460E-11	17.500	3.500	1.413E-10	13.351	2.670	6.272E-11	40.902	8.180	1.804E-09	10.618	2.124	3.155E-11	17.802	3.560	1.487E-10
539	11.673	2.335	4.192E-11	16.956	3.391	1.285E-10	14.464	2.893	7.976E-11	15.391	3.078	9.609E-11	14.423	2.885	7.908E-11	26.789	5.358	5.067E-10	74.501	14.900	1.090E-08
540	-10.393	0.000	0.000E+00	42.951	8.590	2.088E-09	14.163	2.833	7.488E-11	14.475	2.895	7.994E-11	14.763	2.953	8.480E-11	22.295	4.459	2.921E-10	31.870	6.374	8.531E-10
541	21.236	4.247	2.524E-10	13.743	2.749	6.842E-11	-20.134	0.000	0.000E+00	15.382	3.076	9.592E-11	81.208	16.242	1.412E-08	60.856	12.171	5.940E-09	15.507	3.101	9.829E-11
542	17.546	3.509	1.424E-10	24.100	4.820	3.689E-10	14.327	2.865	7.750E-11	18.523	3.705	1.675E-10	13.316	2.663	6.224E-11	13.835	2.767	6.979E-11	48.046	9.609	2.923E-09
543	32.426	6.485	8.986E-10	15.709	3.142	1.022E-10	79.573	15.915	1.328E-08	21.102	4.220	2.477E-10	27.949	5.590	5.754E-10	16.300	3.260	1.141E-10	13.348	2.670	6.268E-11
544	38.843	7.769	1.545E-09	20.741	4.148	2.352E-10	16.540	3.308	1.193E-10	16.535	3.307	1.192E-10	49.130	9.826	3.126E-09	45.053	9.011	2.410E-09	11.414	2.283	3.919E-11
545	14.234	2.847	7.600E-11	13.800	2.760	6.927E-11	17.468	3.494	1.405E-10	17.933	3.587	1.520E-10	47.773	9.555	2.874E-09	36.594	7.319	1.292E-09	-6.308	0.000	0.000E+00
546	11.970	2.394	4.520E-11	12.549	2.510	5.209E-11	25.203	5.041	4.220E-10	44.750	8.950	2.362E-09	13.996	2.799	7.226E-11	71.884	14.377	9.790E-09	9.927	1.985	2.578E-11
547	-14.809	0.000	0.000E+00	11.972	2.394	4.522E-11	17.976	3.595	1.531E-10	19.841	3.968	2.059E-10	15.227	3.045	9.306E-11	-8.387	0.000	0.000E+00	16.414	3.283	1.165E-10
548	22.284	4.457	2.917E-10	18.550	3.710	1.682E-10	17.960	3.592	1.527E-10	78.951	15.790	1.297E-08	17.313	3.463	1.368E-10	13.154	2.631	5.998E-11	6.162	1.232	6.166E-12
549	46.901	9.380	2.719E-09	47.329	9.466	2.794E-09	66.374	13.275	7.707E-09	30.908	6.182	7.783E-10	34.282	6.856	1.062E-09	15.941	3.188	1.068E-10	17.784	3.557	1.482E-10
550	24.208	4.842	3.739E-10	12.457	2.491	5.095E-11	17.052	3.410	1.307E-10	-24.116	0.000	0.000E+00	12.307	2.461	4.913E-11	27.242	5.448	5.328E-10	37.860	7.572	1.430E-09
551	35.465	7.093	1.176E-09	19.333	3.867	1.904E-10	21.651	4.330	2.675E-10	13.776	2.755	6.891E-11	17.059	3.412	1.308E-10	-20.389	0.000	0.000E+00	-8.788	0.000	0.000E+00
552	20.010	4.002	2.112E-10	11.183	2.237	3.686E-11	21.320	4.264	2.554E-10	48.804	9.761	3.064E-09	-9.836	0.000	0.000E+00	-74.161	0.000	0.000E+00	9.220	1.844	2.066E-11
553	19.828	3.966	2.055E-10	11.033	2.207	3.540E-11	32.713	6.543	9.227E-10	16.120	3.224	1.104E-10	36.223	7.245	1.253E-09	9.507	1.901	2.265E-11	16.976	3.395	1.289E-10
554	30.404	6.081	7.407E-10	17.129	3.426	1.325E-10	22.587	4.517	3.037E-10	10.443	2.089	3.002E-11	19.988	3.998	2.105E-10	80.117	16.023	1.355E-08	19.100	3.820	1.837E-10
555	9.681	1.936	2.392E-11	8.755	1.751	1.769E-11	47.964	9.593	2.908E-09	18.223	3.645	1.595E-10	32.957	6.591	9.435E-10	81.062	16.212	1.404E-08	16.102	3.220	1.100E-10
556	15.683	3.137	1.017E-10	17.193	3.439	1.340E-10	17.151	3.430	1.330E-10	14.168	2.834	7.495E-11	17.127	3.425	1.324E-10	13.602	2.720	6.633E-11	-9.262	0.000	0.000E+00
557	12.160	2.432	4.739E-11	18.601	3.720	1.696E-10	19.564	3.913	1.973E-10	9.368	1.874	2.167E-11	14.607	2.921	8.215E-11	34.326	6.865	1.066E-09	16.271	3.254	1.135E-10
558	19.091	3.818	1.834E-10	-20.479	0.000	0.000E+00	14.830	2.966	8.597E-11	20.097	4.019	2.139E-10	53.460	10.692	4.027E-09	-8.143	0.000	0.000E+00	21.181	4.236	2.504E-10
559	-9.453	0.000	0.000E+00	13.738	2.748	6.833E-11	27.698	5.540	5.601E-10	31.871	6.374	8.533E-10	14.491	2.898	8.020E-11	17.926	3.585	1.518E-10	16.334	3.267	1.149E-10
560	29.772	5.954	6.955E-10	12.269	2.454	4.867E-11	78.698	15.740	1.285E-08	16.904	3.381	1.273E-10	17.423	3.485	1.394E-10	13.351	2.670	6.273E-11	15.008	3.002	8.909E-11
561	44.226	8.845	2.280E-09	17.439	3.488	1.398E-10	-17.204	0.000	0.000E+00	50.755	10.151	3.446E-09	13.221	2.644	6.091E-11	30.825	6.165	7.720E-10	13.127	2.625	5.963E-11
562	21.816	4.363	2.737E-10	72.637	14.527	1.010E-08	-10.432	0.000	0.000E+00	14.713	2.943	8.395E-11	23.912	4.782	3.603E-10	10.420	2.084	2.982E-11	10.058	2.012	2.682E-11
563	29.951	5.990	7.081E-10	42.832	8.566	2.071E-09	25.097	5.019	4.166E-10	19.543	3.909	1.967E-10	14.091	2.818	7.375E-11	17.767	3.553	1.478E-10	10.292	2.058	2.874E-11
564	10.542	2.108	3.088E-11	16.904	3.381	1.273E-10	12.095	2.419	4.663E-11	19.025	3.805	1.815E-10	21.061	4.212	2.462E-10	14.848	2.970	8.627E-11	17.933	3.587	1.520E-10
565	30.718	6.144	7.639E-10	14.957	2.991	8.191E-11	-9.618	0.000	0.000E+00	14.716	2.943	8.399E-11	50.217	10.043	3.338E-09	105.940	21.188	3.134E-08	20.818	4.164	2.378E-10
566	21.194	4.239	2.509E-10	14.409	2.882	7.884E-11	27.496	5.499	5.479E-10	43.449	8.690	2.162E-09	16.654	3.331	1.218E-10	-16.032	0.000	0.000E+00	39.730	7.946	1.653E-09
567	18.626	3.725	1.703E-10	32.631	6.526	9.158E-10	10.079	2.016	2.699E-11	19.429	3.886	1.933E-10	15.684	3.137	1.017E-10	15.718	3.144	1.023E-10	23.262	4.652	3.317E-10
568	11.645	2.329	4.162E-11	15.544	3.109	9.899E-11	-14.203	0.000	0.000E+00	75.687	15.137	1.143E-08	31.620	6.324	8.333E-10	36.385	7.277	1.270E-09	26.296	5.259	4.792E-10
569	11.566	2.313	4.077E-11	14.271	2.854	7.661E-11	14.438	2.888	7.933E-11	92.417	18.483	2.080E-08	38.507	7.701	1.505E-09	9.148	1.830	2.018E-11	9.362	1.872	2.163E-11
570	23.055	4.611	3.230E-10	10.186	2.037	2.785E-11	20.580	4.116	2.297E-10	73.714	14.743	1.056E-08	15.800	3.160	1.040E-10	12.284	2.457	4.885E-11	-7.887	0.000	0.000E+00
571	14.460	2.892	7.969E-11	58.238	11.648	5.206E-09	24.629	4.926	3.938E-10	-6.967	0.000	0.000E+00	42.522	8.504	2.026E-09	11.151	2.230	3.655E-11	18.883	3.777	1.775E-10
572	19.987	3.997	2.105E-10	-8.256	0.000	0.000E+00	49.355	9.871	3.169E-09	22.066	4.413	2.832E-10	14.280	2.856	7.675E-11	20.866	4.173	2.395E-10	68.395	13.679	8.433E-09
573	17.909	3.582	1.514E-10	14.133	2.827	7.440E-11	19.000	3.800	1.808E-10	32.449	6.490	9.005E-10	70.104	14.021	9.081E-09	15.951	3.190	1.070E-10	39.878	7.976	1.671E-09
574	25.546	5.109	4.394E-10	18.491	3.698	1.666E-10	45.572	9.114	2.494E-09	11.201	2.240	3.704E-11	53.657	10.731	4.072E-09	25.982	5.196	4.623E-10	22.377	4.475	2.953E-10
575	14.143	2.829	7.457E-11	74.529	14.906	1.091E-08	19.046	3.809	1.821E-10	30.429	6.086	7.426E-10	29.751	5.950	6.940E-10	27.263	5.453	5.341E-10	14.868	2.974	8.

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
576	40.938	8.188	1.808E-09	18.660	3.732	1.712E-10	72.327	14.465	9.972E-09	44.736	8.947	2.360E-09	7.933	1.587	1.316E-11	14.691	2.938	8.356E-11	15.184	3.037	9.227E-11
577	11.753	2.351	4.279E-11	26.267	5.253	4.777E-10	14.777	2.955	8.504E-11	30.021	6.004	7.131E-10	17.909	3.582	1.514E-10	78.909	15.782	1.295E-08	9.108	1.822	1.991E-11
578	13.924	2.785	7.116E-11	17.040	3.408	1.304E-10	37.908	7.582	1.436E-09	21.327	4.265	2.557E-10	19.543	3.909	1.967E-10	12.027	2.405	4.586E-11	21.887	4.377	2.763E-10
579	27.124	5.425	5.260E-10	43.159	8.632	2.119E-09	43.275	8.655	2.136E-09	17.765	3.553	1.478E-10	8.013	1.603	1.356E-11	19.844	3.969	2.060E-10	78.009	15.602	1.251E-08
580	20.329	4.066	2.214E-10	25.288	5.058	4.262E-10	14.892	2.978	8.705E-11	22.397	4.479	2.961E-10	12.318	2.464	4.926E-11	22.974	4.595	3.196E-10	8.023	1.605	1.361E-11
581	14.799	2.960	8.542E-11	17.062	3.412	1.309E-10	-17.971	0.000	0.000E+00	8.786	1.757	1.787E-11	9.692	1.938	2.400E-11	11.480	2.296	3.987E-11	14.657	2.931	8.299E-11
582	21.619	4.324	2.663E-10	17.790	3.558	1.484E-10	11.102	2.220	3.607E-11	42.875	8.575	2.077E-09	15.161	3.032	9.184E-11	13.046	2.609	5.852E-11	15.072	3.014	9.024E-11
583	9.063	1.813	1.962E-11	14.598	2.920	8.199E-11	10.472	2.094	3.027E-11	7.889	1.578	1.294E-11	19.438	3.888	1.936E-10	19.544	3.909	1.968E-10	12.930	2.586	5.697E-11
584	12.325	2.465	4.935E-11	22.984	4.597	1.534E-09	38.750	7.750	1.534E-09	32.656	6.531	9.178E-10	6.059	1.212	5.862E-12	10.422	2.084	2.983E-11	9.660	1.932	2.376E-11
585	25.948	5.190	4.605E-10	12.310	2.462	4.916E-11	15.355	3.071	9.541E-11	21.964	4.393	2.793E-10	20.734	4.147	2.349E-10	16.509	3.302	1.186E-10	30.697	6.139	7.624E-10
586	38.546	7.709	1.509E-09	35.941	7.188	1.224E-09	16.922	3.384	1.277E-10	-12.251	0.000	0.000E+00	36.377	7.275	1.269E-09	62.505	12.501	6.436E-09	20.499	4.100	2.270E-10
587	19.843	3.969	2.059E-10	-39.558	0.000	0.000E+00	-9.771	0.000	0.000E+00	44.816	8.963	2.372E-09	9.537	1.907	2.286E-11	40.954	8.191	1.810E-09	9.336	1.867	2.145E-11
588	23.918	4.784	3.606E-10	24.301	4.860	3.783E-10	20.423	4.085	2.245E-10	17.809	3.562	1.489E-10	8.305	1.661	1.510E-11	18.267	3.653	1.607E-10	15.045	3.009	8.976E-11
589	21.231	4.246	2.522E-10	15.151	3.030	9.167E-11	43.056	8.611	2.104E-09	30.375	6.075	7.387E-10	72.441	14.488	1.002E-08	17.351	3.470	1.377E-10	16.935	3.387	1.280E-10
590	15.685	3.137	1.017E-10	14.010	2.802	7.248E-11	19.193	3.839	1.863E-10	80.734	16.147	1.387E-08	10.081	2.016	2.700E-11	47.621	9.524	2.846E-09	19.676	3.935	2.008E-10
591	39.531	7.906	1.628E-09	73.202	14.640	1.034E-08	20.195	4.039	2.171E-10	17.307	3.461	1.366E-10	11.897	2.379	4.438E-11	30.542	6.108	7.509E-10	20.467	4.093	2.260E-10
592	46.288	9.258	2.614E-09	7.788	1.558	1.245E-11	19.425	3.885	1.932E-10	12.145	2.429	4.721E-11	9.451	1.890	2.225E-11	11.665	2.333	4.184E-11	13.952	2.790	7.158E-11
593	22.308	4.462	2.926E-10	18.731	3.746	1.732E-10	6.804	1.361	8.302E-12	14.160	2.832	7.484E-11	15.088	3.018	9.053E-11	10.181	2.036	2.782E-11	86.155	17.231	1.686E-08
594	34.386	6.877	1.072E-09	48.396	9.679	2.988E-09	24.048	4.810	3.666E-10	13.364	2.673	6.291E-11	7.877	1.575	1.288E-11	17.943	3.589	1.523E-10	17.494	3.499	1.411E-10
595	14.570	2.914	8.151E-11	13.657	2.731	6.713E-11	17.106	3.421	1.319E-10	37.129	7.426	1.349E-09	19.446	3.889	1.938E-10	31.826	6.365	8.496E-10	14.192	2.838	7.533E-11
596	20.301	4.060	2.205E-10	42.934	8.587	2.086E-09	7.781	1.556	1.241E-11	30.955	6.191	7.818E-10	49.951	9.990	3.285E-09	22.520	4.504	3.010E-10	10.119	2.024	2.731E-11
597	24.698	4.940	3.971E-10	-9.158	0.000	0.000E+00	17.388	3.478	1.386E-10	-15.501	0.000	0.000E+00	15.909	3.182	1.061E-10	31.489	6.298	8.229E-10	13.377	2.675	6.310E-11
598	36.509	7.302	1.283E-09	20.842	4.168	2.386E-10	17.634	3.527	1.445E-10	80.243	16.049	1.362E-08	47.113	9.423	2.756E-09	33.173	6.635	9.622E-10	16.783	3.357	1.246E-10
599	14.707	2.941	8.384E-11	25.557	5.111	4.400E-10	-7.181	0.000	0.000E+00	73.451	14.690	1.044E-08	35.838	7.168	1.213E-09	8.930	1.786	1.877E-11	39.492	7.898	1.623E-09
600	16.980	3.396	1.290E-10	28.299	5.660	5.973E-10	87.273	17.455	1.752E-08	56.781	11.356	4.825E-09	19.946	3.989	2.092E-10	14.515	2.903	8.061E-11	18.696	3.739	1.723E-10
601	20.732	4.146	2.349E-10	17.166	3.433	1.333E-10	19.581	3.916	1.979E-10	25.852	5.170	4.554E-10	11.396	2.279	3.901E-11	16.622	3.324	1.210E-10	28.572	5.714	6.148E-10
602	15.124	3.025	9.118E-11	17.441	3.488	1.398E-10	37.002	7.400	1.335E-09	49.672	9.934	3.230E-09	41.373	8.275	1.867E-09	16.374	3.275	1.157E-10	29.582	5.916	6.823E-10
603	30.903	6.181	7.779E-10	15.575	3.115	9.959E-11	13.350	2.670	6.271E-11	14.212	2.842	7.565E-11	14.632	2.926	8.257E-11	11.348	2.270	3.851E-11	49.694	9.939	3.234E-09
604	7.708	1.542	1.207E-11	36.620	7.324	1.294E-09	13.038	2.608	5.842E-11	-15.291	0.000	0.000E+00	14.492	2.898	8.022E-11	36.029	7.206	1.233E-09	8.705	1.741	1.738E-11
605	20.924	4.185	2.414E-10	-10.236	0.000	0.000E+00	85.611	17.122	1.654E-08	11.921	2.384	4.466E-11	44.857	8.971	2.379E-09	12.309	2.462	4.916E-11	8.930	1.786	1.877E-11
606	11.109	2.222	3.613E-11	21.574	4.315	2.647E-10	19.230	3.846	1.874E-10	12.264	2.453	4.862E-11	14.356	2.871	7.797E-11	21.878	4.376	2.760E-10	78.122	15.624	1.257E-08
607	13.329	2.666	6.241E-11	16.363	3.273	1.155E-10	16.781	3.356	1.245E-10	-16.896	0.000	0.000E+00	19.302	3.860	1.895E-10	13.510	2.702	6.499E-11	75.301	15.060	1.125E-08
608	37.260	7.452	1.363E-09	38.873	7.775	1.548E-09	15.171	3.034	9.203E-11	8.039	1.608	1.369E-11	9.775	1.955	2.461E-11	17.074	3.415	1.312E-10	25.563	5.113	4.403E-10
609	5.883	1.177	5.367E-12	12.327	2.465	4.936E-11	-8.558	0.000	0.000E+00	35.307	7.061	1.160E-09	17.298	3.460	1.364E-10	27.218	5.444	5.314E-10	25.369	5.074	4.303E-10
610	13.622	2.724	6.662E-11	8.660	1.732	1.712E-11	11.422	2.284	3.927E-11	48.561	9.712	3.018E-09	24.746	4.949	3.994E-10	24.918	4.984	4.078E-10	46.696	9.339	2.684E-09
611	60.724	12.145	5.902E-09	16.660	3.332	1.219E-10	10.272	2.054	2.857E-11	35.215	7.043	1.151E-09	96.089	19.218	2.338E-08	17.642	3.528	1.447E-10	15.589	3.118	9.986E-11
612	29.227	5.845	6.580E-10	17.617	3.523	1.441E-10	22.273	4.455	2.912E-10	35.156	7.031	1.145E-09	12.951	2.590	5.726E-11	16.129	3.226	1.106E-10	20.357	4.071	2.223E-10
613	94.294	18.859	2.210E-08	14.499	2.900	8.034E-11	10.562	2.112	3.106E-11	47.414	9.483	2.809E-09	11.841	2.368	4.376E-11	9.019	1.804	1.934E-11	13.325	2.665	6.236E-11
614	17.566	3.513	1.428E-10	27.406	5.481	5.425E-10	33.155	6.631	9.606E-10	7.543	1.509	1.131E-11	8.113	1.623	1.407E-11	23.328	4.666	3.346E-10	32.043	6.409	8.672E-10
615	22.689	4.538	3.078E-10	9.526	1.905	2.278E-11	27.805	5.561	5.666E-10	8.491	1.698	1.614E-11	43.840	8.768	2.221E-09	7.756	1.551	1.230E-11	61.879	12.376	6.245E-09
616	24.270	4.854	3.768E-10	24.144	4.829	3.709E-10	13.761	2.752	6.868E-11	12.754	2.551	5.468E-11	8.856	1.771	1.831E-11	13.296	2.659	6.196E-11	44.438	8.888	2.313E-09
617	13.816	2.763	6.950E-11	29.056	5.811	6.466E-10	9.694	1.939	2.401E-11	14.345	2.869	7.780E-11	16.431	3.286	1.169E-10	11.101	2.220	3.606E-11	12.301	2.460	4.906E-11
618	19.230	3.846	1.874E-10	18.720	3.744	1.729E-10	28.381	5.676	6.025E-10	-54.460	0.000	0.000E+00	48.152	9.630	2.943E-09	23.486	4.697	3.415E-10	11.178	2.236	3.681E-11
619	7.935	1.587	1.317E-11	9.544	1.909	2.291E-11	-48.936	0.000	0.000E+00	40.422	8.084	1.741E-09	16.569	3.314	1.199E-10	11.202	2.240	3.705E-11	16.685	3.337	1.224E-10
620	13.432	2.686	6.388E-11	94.022	18.804	2.191E-08	11.432	2.286	3.938E-11	12.231	2.446	4.822E-11	14.062	2.812	7.329E-11	42.895	8.579	2.080E-09	23.389	4.678	3.372E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
621	31.659	6.332	8.363E-10	10.272	2.054	2.857E-11	25.289	5.058	4.263E-10	13.947	2.789	7.150E-11	-10.499	0.000	0.000E+00	26.724	5.345	5.030E-10	14.524	2.905	8.074E-11
622	8.846	1.769	1.824E-11	16.474	3.295	1.178E-10	19.264	3.853	1.884E-10	8.439	1.688	1.584E-11	7.452	1.490	1.091E-11	22.952	4.590	3.187E-10	15.878	3.176	1.055E-10
623	41.424	8.285	1.873E-09	11.493	2.299	4.002E-11	12.608	2.522	5.282E-11	22.966	4.593	3.192E-10	31.894	6.379	8.551E-10	24.955	4.991	4.096E-10	18.238	3.648	1.599E-10
624	21.792	4.358	2.727E-10	25.372	5.074	4.305E-10	14.294	2.859	7.698E-11	42.588	8.518	2.036E-09	-21.009	0.000	0.000E+00	18.329	3.666	1.623E-10	42.573	8.515	2.034E-09
625	13.727	2.745	6.817E-11	-17.507	0.000	0.000E+00	20.071	4.014	2.131E-10	28.564	5.713	6.143E-10	10.492	2.098	3.044E-11	13.147	2.629	5.990E-11	37.055	7.411	1.341E-09
626	27.049	5.410	5.216E-10	18.164	3.633	1.579E-10	20.924	4.185	2.415E-10	32.467	6.493	9.020E-10	14.046	2.809	7.304E-11	30.511	6.102	7.486E-10	27.549	5.510	5.510E-10
627	12.468	2.494	5.109E-11	14.613	2.923	8.225E-11	14.136	2.827	7.446E-11	24.054	4.811	3.668E-10	24.712	4.942	3.978E-10	28.354	5.671	6.008E-10	27.675	5.535	5.587E-10
628	13.006	2.601	5.799E-11	18.808	3.762	1.753E-10	30.466	6.093	7.453E-10	27.103	5.421	5.247E-10	36.044	7.209	1.234E-09	9.480	1.896	2.246E-11	27.018	5.404	5.198E-10
629	13.162	2.632	6.010E-11	19.579	3.916	1.978E-10	19.382	3.876	1.919E-10	86.761	17.352	1.721E-08	17.980	3.596	1.532E-10	28.068	5.614	5.828E-10	19.882	3.976	2.071E-10
630	25.903	5.181	4.581E-10	11.371	2.274	3.875E-11	14.860	2.972	8.649E-11	11.657	2.331	4.175E-11	12.678	2.536	5.371E-11	9.886	1.977	2.547E-11	22.883	4.577	3.158E-10
631	13.242	2.648	6.120E-11	14.981	2.996	8.861E-11	28.747	5.749	6.261E-10	42.465	8.493	2.018E-09	14.685	2.937	8.346E-11	5.308	1.062	3.942E-12	21.704	4.341	2.695E-10
632	14.639	2.928	8.269E-11	16.976	3.395	1.289E-10	43.615	8.723	2.187E-09	10.035	2.007	2.663E-11	-9.460	0.000	0.000E+00	21.626	4.325	2.666E-10	17.930	3.586	1.519E-10
633	35.462	7.092	1.175E-09	13.027	2.605	5.827E-11	9.714	1.943	2.416E-11	72.780	14.556	1.016E-08	38.376	7.675	1.490E-09	24.817	4.963	4.028E-10	26.797	5.359	5.072E-10
634	13.420	2.684	6.370E-11	12.264	2.453	4.862E-11	31.347	6.269	8.118E-10	16.237	3.247	1.128E-10	14.399	2.880	7.868E-11	12.031	2.406	4.590E-11	9.133	1.827	2.008E-11
635	17.596	3.519	1.436E-10	16.657	3.331	1.218E-10	35.239	7.048	1.153E-09	15.581	3.116	9.969E-11	40.303	8.061	1.725E-09	9.461	1.892	2.232E-11	19.053	3.811	1.823E-10
636	10.786	2.157	3.307E-11	15.330	3.066	9.496E-11	-7.061	0.000	0.000E+00	37.344	7.469	1.373E-09	16.707	3.341	1.229E-10	15.188	3.038	9.234E-11	20.890	4.178	2.403E-10
637	53.576	10.715	4.053E-09	27.353	5.471	5.394E-10	24.443	4.889	3.849E-10	18.575	3.715	1.689E-10	13.631	2.726	6.675E-11	13.977	2.795	7.196E-11	28.076	5.615	5.833E-10
638	26.111	5.222	4.692E-10	11.594	2.319	4.108E-11	24.035	4.807	3.660E-10	11.514	2.303	4.023E-11	43.659	8.732	2.193E-09	15.927	3.185	1.065E-10	10.128	2.026	2.738E-11
639	15.760	3.152	1.032E-10	14.191	2.838	7.532E-11	13.033	2.607	5.835E-11	82.583	16.517	1.484E-08	10.069	2.014	2.691E-11	12.439	2.488	5.073E-11	10.867	2.173	3.382E-11
640	12.638	2.528	5.321E-11	17.988	3.598	1.534E-10	12.530	2.506	5.185E-11	77.287	15.457	1.217E-08	-7.067	0.000	0.000E+00	22.995	4.599	3.205E-10	41.494	8.299	1.883E-09
641	33.695	6.739	1.008E-09	16.577	3.315	1.201E-10	17.850	3.570	1.499E-10	23.320	4.664	3.342E-10	12.776	2.555	5.497E-11	25.925	5.185	4.593E-10	13.872	2.774	7.035E-11
642	18.701	3.740	1.724E-10	78.111	15.622	1.256E-08	75.203	15.041	1.121E-08	45.428	9.086	2.471E-09	14.574	2.915	8.158E-11	35.458	7.092	1.175E-09	33.521	6.704	9.928E-10
643	37.807	7.561	1.424E-09	30.358	6.072	7.374E-10	36.947	7.389	1.329E-09	15.752	3.150	1.030E-10	46.574	9.315	2.663E-09	10.515	2.103	3.065E-11	41.946	8.389	1.945E-09
644	10.064	2.013	2.687E-11	10.519	2.104	3.068E-11	9.840	1.968	2.511E-11	35.866	7.173	1.216E-09	9.290	1.858	2.113E-11	15.552	3.110	9.914E-11	12.637	2.527	5.319E-11
645	-20.683	0.000	0.000E+00	10.516	2.103	3.065E-11	76.368	15.274	1.174E-08	21.543	4.309	2.635E-10	9.300	1.860	2.120E-11	45.317	9.063	2.453E-09	10.959	2.192	3.469E-11
646	8.796	1.759	1.794E-11	10.847	2.169	3.364E-11	16.437	3.287	1.170E-10	16.077	3.215	1.095E-10	21.242	4.248	2.526E-10	11.961	2.392	4.510E-11	43.721	8.744	2.203E-09
647	15.414	3.083	9.653E-11	12.935	2.587	5.704E-11	35.192	7.038	1.149E-09	27.988	5.598	5.779E-10	36.797	7.359	1.313E-09	10.879	2.176	3.394E-11	6.029	1.206	5.776E-12
648	15.942	3.188	1.068E-10	10.719	2.144	3.246E-11	70.960	14.192	9.418E-09	7.552	1.510	1.135E-11	44.307	8.861	2.292E-09	71.554	14.311	9.656E-09	25.221	5.044	4.228E-10
649	25.554	5.111	4.398E-10	17.851	3.570	1.499E-10	12.267	2.453	4.866E-11	14.783	2.957	8.514E-11	44.607	8.921	2.339E-09	14.125	2.825	7.427E-11	12.748	2.550	5.460E-11
650	25.388	5.078	4.313E-10	27.235	5.447	5.324E-10	10.248	2.050	2.837E-11	34.092	6.818	1.044E-09	18.578	3.716	1.690E-10	90.529	18.106	1.955E-08	17.642	3.528	1.447E-10
651	11.286	2.257	3.789E-11	26.698	5.340	5.015E-10	6.973	1.395	8.935E-12	25.269	5.054	4.252E-10	13.643	2.729	6.692E-11	16.400	3.280	1.163E-10	73.168	14.634	1.032E-08
652	16.954	3.391	1.285E-10	39.342	7.868	1.605E-09	75.149	15.030	1.119E-08	44.678	8.936	2.351E-09	13.174	2.635	6.026E-11	16.804	3.361	1.251E-10	-11.729	0.000	0.000E+00
653	14.113	2.823	7.409E-11	15.177	3.035	9.213E-11	9.342	1.868	2.149E-11	9.916	1.983	2.570E-11	18.152	3.630	1.576E-10	34.078	6.816	1.043E-09	8.653	1.731	1.708E-11
654	18.050	3.610	1.550E-10	43.592	8.718	2.183E-09	16.571	3.314	1.199E-10	-15.050	0.000	0.000E+00	17.598	3.520	1.437E-10	75.155	15.031	1.119E-08	10.428	2.086	2.989E-11
655	37.118	7.424	1.348E-09	30.449	6.090	7.440E-10	26.355	5.271	4.825E-10	36.155	7.231	1.246E-09	42.268	8.454	1.990E-09	11.920	2.384	4.464E-11	14.269	2.854	7.658E-11
656	10.276	2.055	2.860E-11	13.650	2.730	6.704E-11	9.414	1.883	2.199E-11	16.748	3.350	1.238E-10	14.433	2.887	7.924E-11	18.488	3.698	1.666E-10	11.042	2.208	3.549E-11
657	14.716	2.943	8.400E-11	9.385	1.877	2.179E-11	-9.177	0.000	0.000E+00	17.158	3.432	1.331E-10	-8.339	0.000	0.000E+00	12.308	2.462	4.914E-11	12.649	2.530	5.334E-11
658	19.488	3.898	1.951E-10	34.151	6.830	1.050E-09	23.735	4.747	3.524E-10	13.794	2.759	6.917E-11	31.454	6.291	8.202E-10	12.848	2.570	5.590E-11	8.807	1.761	1.600E-11
659	9.999	2.000	2.635E-11	38.401	7.680	1.492E-09	19.176	3.835	1.858E-10	28.243	5.649	5.938E-10	25.669	5.134	4.458E-10	11.347	2.269	3.851E-11	11.134	2.227	3.638E-11
660	15.077	3.015	9.032E-11	20.370	4.074	2.228E-10	23.012	4.602	3.212E-10	14.289	2.858	7.689E-11	38.619	7.724	1.518E-09	17.295	3.459	1.363E-10	14.498	2.900	8.031E-11
661	9.530	1.906	2.281E-11	23.844	4.769	3.573E-10	34.540	6.908	1.086E-09	74.790	14.958	1.103E-08	36.306	7.261	1.261E-09	8.287	1.657	1.500E-11	30.420	6.084	7.419E-10
662	7.125	1.425	9.531E-12	36.781	7.356	1.311E-09	32.470	6.494	9.023E-10	11.202	2.240	3.705E-11	-8.484	0.000	0.000E+00	11.797	2.359	4.327E-11	13.469	2.694	6.440E-11
663	26.506	5.301	4.908E-10	-8.512	0.000	0.000E+00	14.045	2.809	7.302E-11	19.999	4.000	2.108E-10	73.975	14.795	1.067E-08	19.796	3.959	2.045E-10	13.739	2.748	6.835E-11
664	10.929	2.186	3.440E-11	10.325	2.065	2.901E-11	24.343	4.869	3.802E-10	14.068	2.814	7.338E-11	39.666	7.933	1.645E-09	15.209	3.042	9.272E-11	13.993	2.799	7.221E-11
665	14.946	2.989	8.800E-11	26.302	5.260	4.795E-10	18.182	3.636	1.584E-10	79.775	15.955	1.338E-08	20.906	4.181	2.408E-10	10.969	2.194	3.478E-11	38.282	7.656	1.479E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
666	11.627	2.325	4.143E-11	22.145	4.429	2.862E-10	18.649	3.730	1.709E-10	129.086	25.817	5.669E-08	17.473	3.495	1.406E-10	13.086	2.617	5.906E-11	39.888	7.978	1.673E-09
667	8.864	1.773	1.836E-11	-22.682	0.000	0.000E+00	19.157	3.831	1.853E-10	-12.394	0.000	0.000E+00	15.337	3.067	9.508E-11	15.536	3.107	9.883E-11	16.427	3.285	1.168E-10
668	50.380	10.076	3.370E-09	16.084	3.217	1.097E-10	41.903	8.381	1.939E-09	8.875	1.775	1.843E-11	19.274	3.855	1.887E-10	14.205	2.841	7.554E-11	20.624	4.125	2.312E-10
669	14.719	2.944	8.404E-11	13.347	2.669	6.267E-11	-13.326	0.000	0.000E+00	78.082	15.616	1.255E-08	14.545	2.909	8.110E-11	12.548	2.510	5.208E-11	32.327	6.465	8.904E-10
670	11.955	2.391	4.504E-11	15.893	3.179	1.058E-10	73.869	14.774	1.062E-08	33.173	6.635	9.621E-10	19.390	3.878	1.921E-10	38.206	7.641	1.470E-09	14.959	2.992	8.823E-11
671	9.678	1.936	2.389E-11	37.247	7.449	1.362E-09	45.256	9.051	2.443E-09	21.552	4.310	2.639E-10	16.567	3.313	1.198E-10	35.565	7.113	1.186E-09	42.376	8.475	2.006E-09
672	10.331	2.066	2.906E-11	9.144	1.829	2.015E-11	26.262	5.252	4.774E-10	15.387	3.077	9.601E-11	31.576	6.315	8.298E-10	14.944	2.989	8.796E-11	16.011	3.202	1.082E-10
673	9.709	1.942	2.412E-11	9.586	1.917	2.322E-11	21.123	4.225	2.484E-10	25.600	5.120	4.422E-10	41.604	8.321	1.898E-09	15.423	3.085	9.670E-11	35.154	7.031	1.145E-09
674	17.071	3.414	1.311E-10	25.525	5.105	4.383E-10	10.061	2.012	2.684E-11	16.997	3.399	1.294E-10	11.990	2.398	4.543E-11	23.256	4.651	3.315E-10	26.102	5.220	4.687E-10
675	9.185	1.837	2.042E-11	17.609	3.522	1.439E-10	12.964	2.593	5.742E-11	38.759	7.752	1.535E-09	29.754	5.951	6.943E-10	77.337	15.467	1.219E-08	32.037	6.407	8.666E-10
676	27.915	5.583	5.734E-10	33.382	6.676	9.805E-10	14.680	2.936	8.337E-11	47.391	9.478	2.805E-09	21.352	4.270	2.566E-10	11.015	2.203	3.522E-11	40.376	8.075	1.735E-09
677	61.086	12.217	6.008E-09	13.254	2.651	6.136E-11	17.059	3.412	1.308E-10	12.965	2.593	5.743E-11	18.325	3.665	1.622E-10	18.291	3.658	1.613E-10	17.928	3.586	1.519E-10
678	13.516	2.703	6.507E-11	14.459	2.892	7.967E-11	48.043	9.609	2.923E-09	10.316	2.063	2.893E-11	10.172	2.034	2.774E-11	10.705	2.141	3.234E-11	36.247	7.249	1.255E-09
679	39.505	7.901	1.625E-09	-14.291	0.000	0.000E+00	72.511	14.502	1.005E-08	12.039	2.408	4.599E-11	12.009	2.402	4.565E-11	17.788	3.558	1.483E-10	14.926	2.985	8.764E-11
680	12.435	2.487	5.068E-11	-12.974	0.000	0.000E+00	17.128	3.426	1.324E-10	16.596	3.319	1.205E-10	29.110	5.822	6.502E-10	18.162	3.632	1.579E-10	33.039	6.608	9.506E-10
681	9.176	1.835	2.036E-11	15.841	3.168	1.048E-10	44.872	8.974	2.381E-09	16.404	3.281	1.163E-10	10.777	2.155	3.299E-11	11.241	2.248	3.744E-11	16.664	3.333	1.220E-10
682	25.543	5.109	4.392E-10	18.517	3.703	1.673E-10	10.318	2.064	2.895E-11	-10.827	0.000	0.000E+00	42.277	8.455	1.992E-09	21.272	4.254	2.537E-10	16.011	3.202	1.082E-10
683	29.847	5.969	7.008E-10	9.050	1.810	1.953E-11	12.991	2.598	5.778E-11	25.744	5.149	4.497E-10	48.522	9.704	3.011E-09	19.837	3.967	2.058E-10	-18.764	0.000	0.000E+00
684	15.045	3.009	8.975E-11	13.473	2.695	6.447E-11	10.716	2.143	3.243E-11	8.918	1.784	1.869E-11	66.700	13.340	7.821E-09	16.740	3.348	1.236E-10	89.234	17.847	1.873E-08
685	45.400	9.800	2.466E-09	19.533	3.907	1.964E-10	14.960	2.992	8.824E-11	18.414	3.683	1.646E-10	9.640	1.928	2.361E-11	11.591	2.318	4.104E-11	-7.578	0.000	0.000E+00
686	16.335	3.267	1.149E-10	15.557	3.111	9.924E-11	20.644	4.129	2.319E-10	24.105	4.821	3.692E-10	35.814	7.163	1.211E-09	12.674	2.535	5.366E-11	20.677	4.135	2.330E-10
687	12.768	2.554	5.486E-11	7.545	1.509	1.132E-11	27.373	5.475	5.406E-10	13.157	2.631	6.003E-11	6.365	1.273	6.796E-12	10.804	2.161	3.324E-11	14.792	2.958	8.530E-11
688	12.926	2.585	5.693E-11	10.782	2.156	3.304E-11	14.117	2.823	7.416E-11	9.635	1.927	2.357E-11	15.886	3.177	1.057E-10	29.753	5.951	6.942E-10	-8.852	0.000	0.000E+00
689	13.620	2.724	6.659E-11	32.407	6.481	8.971E-10	49.279	9.856	3.154E-09	19.990	3.998	2.105E-10	19.697	3.939	2.014E-10	11.473	2.295	3.980E-11	19.641	3.928	1.997E-10
690	26.226	5.245	4.754E-10	9.422	1.884	2.204E-11	13.250	2.650	6.131E-11	39.369	7.874	1.608E-09	41.123	8.225	1.833E-09	14.939	2.988	8.787E-11	17.881	3.576	1.507E-10
691	13.488	2.698	6.467E-11	13.529	2.706	6.527E-11	5.557	1.111	4.522E-12	34.513	6.903	1.084E-09	15.204	3.041	9.263E-11	-8.593	0.000	0.000E+00	22.679	4.536	3.074E-10
692	11.699	2.340	4.221E-11	-11.799	0.000	0.000E+00	31.922	6.384	8.574E-10	-10.994	0.000	0.000E+00	22.938	4.588	3.181E-10	17.084	3.417	1.314E-10	22.355	4.471	2.945E-10
693	14.854	2.971	8.637E-11	15.754	3.151	1.031E-10	-20.662	0.000	0.000E+00	21.994	4.399	2.804E-10	18.267	3.653	1.607E-10	14.800	2.960	8.544E-11	44.166	8.833	2.271E-09
694	41.182	8.236	1.841E-09	20.690	4.138	2.334E-10	-16.623	0.000	0.000E+00	13.412	2.682	6.359E-11	36.434	7.287	1.275E-09	16.563	3.313	1.198E-10	13.892	2.778	7.066E-11
695	22.657	4.531	3.066E-10	13.317	2.663	6.224E-11	10.991	2.198	3.500E-11	29.018	5.804	6.440E-10	19.184	3.837	1.861E-10	-11.698	0.000	0.000E+00	34.294	6.859	1.063E-09
696	8.118	1.624	1.410E-11	23.387	4.677	3.371E-10	19.188	3.838	1.862E-10	39.961	7.992	1.682E-09	17.035	3.407	1.303E-10	11.840	2.368	4.374E-11	41.053	8.211	1.824E-09
697	41.572	8.314	1.894E-09	31.960	6.392	8.605E-10	15.053	3.011	8.991E-11	14.486	2.897	8.011E-11	15.805	3.161	1.041E-10	30.566	6.113	7.527E-10	14.413	2.883	7.891E-11
698	12.243	2.449	4.836E-11	23.346	4.669	3.354E-10	13.773	2.755	6.886E-11	17.124	3.425	1.323E-10	23.532	4.706	3.435E-10	15.573	3.115	9.954E-11	34.860	6.972	1.116E-09
699	8.822	1.764	1.810E-11	19.084	3.817	1.832E-10	13.807	2.761	6.938E-11	16.397	3.279	1.162E-10	17.811	3.562	1.489E-10	30.525	6.105	7.497E-10	11.573	2.315	4.086E-11
700	20.393	4.079	2.235E-10	13.876	2.775	7.042E-11	15.267	3.053	9.379E-11	74.418	14.884	1.086E-08	9.901	1.980	2.558E-11	12.788	2.558	5.511E-11	-7.633	0.000	0.000E+00
701	39.711	7.942	1.651E-09	8.394	1.679	1.559E-11	18.325	3.665	1.622E-10	12.298	2.460	4.902E-11	46.813	9.363	2.704E-09	37.448	7.490	1.384E-09	18.368	3.674	1.633E-10
702	8.211	1.642	1.459E-11	31.351	6.270	8.121E-10	13.618	2.724	6.656E-11	31.402	6.280	8.161E-10	15.221	3.044	9.294E-11	26.035	5.207	4.651E-10	35.736	7.147	1.203E-09
703	35.899	7.180	1.219E-09	12.532	2.506	5.187E-11	11.035	2.207	3.542E-11	8.371	1.674	1.546E-11	37.259	7.452	1.363E-09	25.230	5.046	4.233E-10	12.638	2.528	5.320E-11
704	18.093	3.619	1.561E-10	17.302	3.460	1.365E-10	19.996	3.999	2.107E-10	16.744	3.349	1.237E-10	14.896	2.979	8.712E-11	41.857	8.371	1.933E-09	24.388	4.878	3.823E-10
705	16.585	3.317	1.202E-10	30.810	6.162	7.708E-10	13.043	2.609	5.848E-11	21.662	4.332	2.679E-10	32.896	6.579	9.382E-10	13.206	2.641	6.070E-11	14.808	2.962	8.559E-11
706	21.156	4.231	2.496E-10	14.103	2.821	7.393E-11	15.387	3.077	9.602E-11	24.500	4.900	3.876E-10	14.215	2.843	7.571E-11	12.634	2.527	5.315E-11	72.207	14.441	9.923E-09
707	15.090	3.018	9.056E-11	15.344	3.069	9.522E-11	14.877	2.975	8.679E-11	12.126	2.425	4.699E-11	41.757	8.351	1.919E-09	8.565	1.713	1.656E-11	39.501	7.900	1.624E-09
708	13.052	2.610	5.860E-11	28.789	5.758	6.289E-10	15.786	3.157	1.037E-10	42.706	8.541	2.053E-09	17.856	3.571	1.500E-10	9.472	1.894	2.240E-11	14.410	2.882	7.886E-11
709	-8.438	0.000	0.000E+00	15.525	3.105	9.863E-11	23.299	4.660	3.333E-10	31.385	6.277	8.148E-10	27.292	5.458	5.358E-10	14.207	2.841	7.558E-11	17.671	3.534	1.454E-10
710	12.909	2.582	5.670E-11	32.491	6.498	9.041E-10	19.357	3.871	1.912E-10	82.935	16.587	1.504E-08	13.988	2.798	7.214E-11	14.607	2.921	8.215E-11	29.547	5.909	6.799E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
711	14.181	2.836	7.517E-11	8.238	1.648	1.474E-11	18.459	3.692	1.658E-10	83.421	16.684	1.530E-08	17.470	3.494	1.405E-10	12.261	2.452	4.858E-11	13.709	2.742	6.790E-11
712	36.834	7.367	1.317E-09	8.667	1.733	1.716E-11	37.330	7.466	1.371E-09	53.075	10.615	3.941E-09	9.351	1.870	2.155E-11	43.376	8.675	2.151E-09	13.511	2.702	6.501E-11
713	21.570	4.314	2.645E-10	11.713	2.343	4.235E-11	14.576	2.915	8.162E-11	16.938	3.388	1.281E-10	52.239	10.448	3.757E-09	5.932	1.186	5.503E-12	37.936	7.587	1.439E-09
714	39.182	7.836	1.585E-09	37.105	7.421	1.346E-09	45.822	9.164	2.536E-09	14.858	2.972	8.645E-11	18.146	3.629	1.575E-10	18.456	3.691	1.657E-10	15.285	3.057	9.413E-11
715	23.461	4.692	3.404E-10	17.861	3.572	1.502E-10	10.362	2.072	2.933E-11	30.990	6.198	7.844E-10	39.242	7.848	1.593E-09	14.896	2.979	8.711E-11	38.492	7.698	1.503E-09
716	11.602	2.320	4.116E-11	40.092	8.018	1.698E-09	21.508	4.302	2.622E-10	54.971	10.994	4.378E-09	22.389	4.478	2.958E-10	16.751	3.350	1.239E-10	12.590	2.518	5.260E-11
717	12.354	2.471	4.970E-11	11.205	2.241	3.707E-11	93.835	18.767	2.178E-08	9.886	1.977	2.546E-11	33.150	6.630	9.602E-10	17.102	3.420	1.318E-10	14.352	2.870	7.792E-11
718	24.702	4.940	3.973E-10	24.535	4.907	3.893E-10	17.206	3.441	1.343E-10	31.634	6.327	8.343E-10	-11.780	0.000	0.000E+00	35.323	7.065	1.162E-09	14.734	2.947	8.430E-11
719	14.374	2.875	7.828E-11	75.564	15.113	1.137E-08	9.263	1.853	2.095E-11	32.968	6.594	9.444E-10	17.960	3.592	1.527E-10	37.499	7.500	1.390E-09	17.907	3.581	1.513E-10
720	12.198	2.440	4.784E-11	16.079	3.216	1.096E-10	26.226	5.245	4.755E-10	77.333	15.467	1.219E-08	11.906	2.381	4.449E-11	8.989	1.798	1.914E-11	34.667	6.933	1.098E-09
721	34.594	6.919	1.091E-09	11.131	2.226	3.635E-11	4.692	0.938	2.722E-12	19.797	3.959	2.045E-10	43.827	8.765	2.219E-09	10.446	2.089	3.004E-11	-8.565	0.000	0.000E+00
722	15.953	3.191	1.070E-10	17.231	3.446	1.348E-10	27.535	5.507	5.502E-10	32.180	6.436	8.783E-10	11.737	2.347	4.261E-11	40.273	8.055	1.722E-09	11.811	2.362	4.342E-11
723	18.992	3.798	1.805E-10	9.862	1.972	2.528E-11	25.997	5.199	4.631E-10	21.601	4.320	2.657E-10	10.802	2.160	3.322E-11	37.072	7.414	1.343E-09	8.197	1.639	1.452E-11
724	12.974	2.595	5.756E-11	16.677	3.335	1.223E-10	17.516	3.503	1.416E-10	35.035	7.007	1.133E-09	35.102	7.020	1.140E-09	42.933	8.587	2.086E-09	20.161	4.032	2.160E-10
725	41.035	8.207	1.821E-09	24.454	4.891	3.854E-10	10.325	2.065	2.901E-11	11.664	2.333	4.182E-11	45.382	9.076	2.463E-09	10.307	2.061	2.886E-11	19.525	3.905	1.962E-10
726	19.048	3.810	1.822E-10	13.586	2.717	6.609E-11	25.312	5.062	4.275E-10	35.468	7.094	1.176E-09	12.687	2.537	5.382E-11	40.521	8.104	1.754E-09	13.832	2.766	6.974E-11
727	16.953	3.391	1.284E-10	17.986	3.597	1.534E-10	-7.165	0.000	0.000E+00	72.548	14.510	1.006E-08	-7.246	0.000	0.000E+00	17.204	3.441	1.342E-10	13.358	2.672	6.282E-11
728	38.553	7.711	1.510E-09	10.253	2.051	2.841E-11	16.048	3.210	1.089E-10	-9.067	0.000	0.000E+00	10.843	2.169	3.360E-11	29.094	5.819	6.491E-10	13.568	2.714	6.584E-11
729	14.333	2.867	7.761E-11	17.296	3.459	1.364E-10	12.560	2.512	5.222E-11	84.871	16.974	1.611E-08	48.186	9.637	2.949E-09	12.122	2.424	4.695E-11	17.111	3.422	1.321E-10
730	13.643	2.729	6.694E-11	13.826	2.765	6.965E-11	14.314	2.863	7.730E-11	8.081	1.616	1.391E-11	17.362	3.472	1.379E-10	14.794	2.959	8.535E-11	10.925	2.185	3.437E-11
731	15.383	3.077	9.594E-11	12.370	2.474	4.988E-11	8.819	1.764	1.808E-11	47.314	9.463	2.792E-09	47.526	9.505	2.829E-09	16.599	3.320	1.205E-10	9.851	1.970	2.520E-11
732	43.335	8.667	2.145E-09	26.185	5.237	4.732E-10	15.064	3.013	9.009E-11	63.837	12.767	6.856E-09	47.721	9.544	2.864E-09	11.129	2.226	3.633E-11	43.912	8.782	2.232E-09
733	10.192	2.038	2.790E-11	15.443	3.089	9.708E-11	42.624	8.525	2.041E-09	45.851	9.170	2.541E-09	9.728	1.946	2.427E-11	12.453	2.491	5.090E-11	19.817	3.963	2.051E-10
734	9.752	1.950	2.444E-11	15.733	3.147	1.026E-10	14.441	2.888	7.937E-11	26.910	5.382	5.136E-10	17.246	3.449	1.352E-10	-13.842	0.000	0.000E+00	6.614	1.323	7.626E-12
735	33.449	6.690	9.864E-10	14.458	2.892	7.965E-11	36.347	7.269	1.266E-09	27.405	5.481	5.425E-10	42.350	8.470	2.002E-09	37.479	7.496	1.388E-09	10.779	2.156	3.300E-11
736	16.752	3.350	1.239E-10	39.056	7.811	1.570E-09	12.693	2.539	5.390E-11	32.193	6.439	8.793E-10	19.108	3.822	1.839E-10	38.472	7.694	1.501E-09	11.715	2.343	4.237E-11
737	9.116	1.823	1.996E-11	16.781	3.356	1.246E-10	13.485	2.697	6.463E-11	73.273	14.655	1.037E-08	16.309	3.262	1.143E-10	15.377	3.075	9.583E-11	12.038	2.408	4.598E-11
738	-6.656	0.000	0.000E+00	20.900	4.180	2.406E-10	17.311	3.462	1.367E-10	49.409	9.882	3.179E-09	16.969	3.394	1.288E-10	18.894	3.779	1.778E-10	15.136	3.027	9.139E-11
739	17.600	3.520	1.437E-10	14.117	2.823	7.416E-11	17.428	3.486	1.395E-10	14.336	2.867	7.765E-11	12.989	2.598	5.776E-11	16.040	3.208	1.088E-10	16.029	3.206	1.085E-10
740	16.864	3.373	1.264E-10	17.544	3.509	1.423E-10	9.160	1.832	2.026E-11	-17.347	0.000	0.000E+00	41.721	8.344	1.914E-09	24.833	4.967	4.036E-10	12.092	2.418	4.661E-11
741	15.456	3.091	9.732E-11	19.129	3.826	1.845E-10	20.016	4.003	2.114E-10	18.747	3.749	1.737E-10	9.807	1.961	2.486E-11	14.467	2.893	7.980E-11	26.135	5.227	4.705E-10
742	14.437	2.887	7.930E-11	40.788	8.158	1.788E-09	22.887	4.577	3.160E-10	35.942	7.188	1.224E-09	26.941	5.388	5.154E-10	10.812	2.162	3.331E-11	14.676	2.935	8.332E-11
743	14.992	2.998	8.882E-11	14.295	2.859	7.698E-11	18.004	3.601	1.538E-10	69.823	13.965	8.972E-09	5.577	1.115	4.571E-12	19.500	3.900	1.954E-10	33.480	6.696	9.891E-10
744	12.141	2.428	4.716E-11	29.049	5.810	6.460E-10	15.707	3.141	1.021E-10	33.681	6.736	1.007E-09	12.877	2.575	5.627E-11	18.919	3.784	1.785E-10	40.616	8.123	1.766E-09
745	7.883	1.577	1.291E-11	16.575	3.315	1.200E-10	32.115	6.423	8.730E-10	19.329	3.866	1.903E-10	10.858	2.172	3.374E-11	9.456	1.891	2.228E-11	15.638	3.128	1.008E-10
746	16.202	3.240	1.121E-10	14.492	2.898	8.022E-11	14.196	2.839	7.541E-11	-10.226	0.000	0.000E+00	40.233	8.047	1.716E-09	16.377	3.275	1.158E-10	9.058	1.812	1.959E-11
747	10.598	2.120	3.137E-11	15.624	3.125	1.005E-10	25.903	5.181	4.581E-10	11.546	2.309	4.057E-11	44.993	8.999	2.401E-09	10.296	2.059	2.877E-11	16.157	3.231	1.112E-10
748	9.449	1.890	2.223E-11	12.676	2.535	5.368E-11	23.237	4.647	3.077E-10	35.410	7.082	1.170E-09	12.911	2.438	4.776E-11	28.695	5.739	6.228E-10	16.291	3.258	1.140E-10
749	17.150	3.430	1.329E-10	16.558	3.312	1.197E-10	16.302	3.260	1.142E-10	26.930	5.386	5.147E-10	8.754	1.751	1.768E-11	11.996	2.399	4.550E-11	-8.137	0.000	0.000E+00
750	13.192	2.638	6.050E-11	11.702	2.340	4.224E-11	17.290	3.458	1.362E-10	75.888	15.178	1.152E-08	33.458	6.692	9.872E-10	47.886	9.577	2.894E-09	17.864	3.573	1.503E-10
751	34.009	6.802	1.037E-09	15.384	3.077	9.595E-11	19.893	3.979	2.075E-10	30.972	6.194	7.831E-10	48.420	9.684	2.992E-09	18.653	3.731	1.711E-10	45.786	9.157	2.530E-09
752	-8.294	0.000	0.000E+00	10.798	2.160	3.191E-11	13.059	2.612	5.870E-11	75.351	15.070	1.128E-08	33.386	6.677	9.808E-10	24.211	4.842	3.740E-10	-6.797	0.000	0.000E+00
753	11.061	2.212	3.566E-11	46.804	9.361	2.702E-09	12.675	2.535	5.368E-11	17.882	3.576	1.507E-10	20.854	4.171	2.390E-10	-6.391	0.000	0.000E+00	11.321	2.264	3.824E-11
754	-7.185	0.000	0.000E+00	15.881	3.176	1.056E-10	15.583	3.117	9.974E-11	10.790	2.158	3.311E-11	16.530	3.306	1.190E-10	18.544	3.709	1.681E-10	10.792	2.158	3.313E-11
755	12.313	2.463	4.921E-11	20.615	4.123	2.309E-10	13.985	2.797	7.208E-11	9.367	1.873	2.166E-11	40.008	8.002	1.688E-09	32.724	6.545	9.236E-10	18.267	3.653	1.607E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
756	41.179	8.236	1.840E-09	16.226	3.245	1.126E-10	11.396	2.279	3.900E-11	28.195	5.639	5.908E-10	12.618	2.524	5.295E-11	-29.425	0.000	0.000E+00	46.913	9.383	2.721E-09
757	37.997	7.599	1.446E-09	31.702	6.340	8.397E-10	8.586	1.717	1.668E-11	17.798	3.560	1.486E-10	35.888	7.178	1.218E-09	7.448	1.490	1.089E-11	9.538	1.908	2.287E-11
758	10.380	2.076	2.947E-11	11.954	2.391	4.502E-11	18.251	3.650	1.602E-10	27.588	5.518	5.534E-10	9.140	1.828	2.012E-11	10.470	2.094	3.025E-11	43.920	8.784	2.233E-09
759	12.899	2.580	5.657E-11	21.700	4.340	2.693E-10	21.881	4.376	2.761E-10	28.996	5.799	6.425E-10	8.142	1.628	1.423E-11	10.958	2.192	3.468E-11	10.820	2.164	3.338E-11
760	13.962	2.792	7.174E-11	17.066	3.413	1.310E-10	36.811	7.362	1.315E-09	-13.955	0.000	0.000E+00	45.441	9.088	2.473E-09	23.110	4.622	3.253E-10	12.912	2.582	5.674E-11
761	43.816	8.763	2.217E-09	46.754	9.351	2.694E-09	16.348	3.270	1.152E-10	16.205	3.241	1.122E-10	12.946	2.589	5.719E-11	12.650	2.530	5.335E-11	19.013	3.803	1.812E-10
762	29.255	5.851	6.599E-10	-50.860	0.000	0.000E+00	7.532	1.506	1.126E-11	17.104	3.421	1.319E-10	17.525	3.505	1.419E-10	13.904	2.781	7.085E-11	22.183	4.437	2.877E-10
763	8.437	1.687	1.583E-11	40.004	8.001	1.687E-09	8.874	1.775	1.842E-11	54.744	10.949	4.324E-09	41.781	8.356	1.922E-09	44.947	8.989	2.393E-09	18.978	3.796	1.801E-10
764	16.727	3.345	1.233E-10	15.843	3.169	1.048E-10	31.200	6.240	8.005E-10	21.145	4.229	2.492E-10	15.292	3.058	9.425E-11	37.426	7.485	1.382E-09	16.605	3.321	1.207E-10
765	14.198	2.840	7.543E-11	12.557	2.511	5.218E-11	10.533	2.107	3.080E-11	39.459	7.892	1.619E-09	27.739	5.548	5.626E-10	17.398	3.480	1.388E-10	13.281	2.656	6.174E-11
766	12.717	2.543	5.420E-11	19.528	3.906	1.963E-10	14.711	2.942	8.392E-11	43.241	8.648	2.131E-09	22.401	4.480	2.963E-10	11.132	2.226	3.636E-11	9.407	1.881	2.194E-11
767	17.110	3.422	1.320E-10	40.024	8.005	1.690E-09	39.583	7.917	1.635E-09	18.743	3.749	1.735E-10	18.151	3.630	1.576E-10	8.190	1.638	1.448E-11	39.681	7.936	1.647E-09
768	15.452	3.090	9.723E-11	21.043	4.209	2.456E-10	16.646	3.329	2.116E-10	23.665	4.733	3.493E-10	21.571	4.314	2.645E-10	45.942	9.188	2.556E-09	17.948	3.590	1.524E-10
769	31.425	6.285	8.179E-10	8.878	1.776	1.844E-11	14.241	2.848	7.612E-11	12.986	2.597	5.771E-11	22.103	4.421	2.846E-10	49.703	9.941	3.236E-09	40.116	8.023	1.702E-09
770	12.731	2.546	5.439E-11	47.084	9.417	2.751E-09	15.780	3.156	1.036E-10	27.929	5.586	5.742E-10	22.562	4.512	3.027E-10	30.267	6.053	7.308E-10	19.059	3.812	1.825E-10
771	23.460	4.692	3.403E-10	14.318	2.864	7.737E-11	20.653	4.131	2.322E-10	32.335	6.467	8.910E-10	20.722	4.144	2.345E-10	31.995	6.399	8.633E-10	14.374	2.875	7.828E-11
772	17.180	3.436	1.337E-10	18.695	3.739	1.722E-10	19.779	3.956	2.039E-10	10.832	2.166	3.350E-11	16.009	3.202	1.081E-10	42.040	8.408	1.958E-09	10.786	2.157	3.307E-11
773	40.438	8.088	1.743E-09	18.262	3.652	1.605E-10	12.251	2.450	4.847E-11	20.234	4.047	2.183E-10	22.825	4.565	3.134E-10	14.341	2.868	7.773E-11	18.719	3.744	1.729E-10
774	28.179	5.636	5.898E-10	18.153	3.631	1.577E-10	11.203	2.241	3.706E-11	14.514	2.903	8.058E-11	48.732	9.746	3.050E-09	22.496	4.499	3.001E-10	26.057	5.211	4.663E-10
775	14.962	2.992	8.828E-11	13.850	2.770	7.003E-11	9.611	1.922	2.340E-11	13.021	2.604	5.819E-11	48.742	9.748	3.052E-09	11.258	2.252	3.760E-11	9.625	1.925	2.350E-11
776	36.222	7.244	1.253E-09	11.539	2.308	4.050E-11	9.178	1.836	2.038E-11	25.483	5.097	4.361E-10	11.387	2.277	3.892E-11	18.057	3.611	1.552E-10	42.040	8.408	1.958E-09
777	14.243	2.849	7.615E-11	40.570	8.114	1.760E-09	11.196	2.239	3.699E-11	37.384	7.477	1.377E-09	46.042	9.208	2.573E-09	14.889	2.978	8.700E-11	23.165	4.633	3.276E-10
778	46.996	9.399	2.736E-09	15.295	3.059	9.431E-11	20.488	4.098	2.267E-10	21.822	4.364	2.739E-10	8.924	1.785	1.873E-11	40.939	8.188	1.808E-09	33.902	6.780	1.027E-09
779	19.469	3.894	1.945E-10	9.621	1.924	2.347E-11	9.749	1.950	2.442E-11	12.120	2.424	4.692E-11	18.285	3.657	1.611E-10	31.855	6.371	8.520E-10	33.327	6.665	9.756E-10
780	41.505	8.301	1.884E-09	16.839	3.368	1.259E-10	34.273	6.855	1.061E-09	80.621	16.124	1.381E-08	64.895	12.979	7.203E-09	39.165	7.833	1.583E-09	24.014	4.803	3.650E-10
781	21.732	4.346	2.705E-10	25.190	5.038	4.213E-10	10.839	2.168	3.357E-11	23.889	4.778	3.593E-10	18.633	3.727	1.705E-10	14.959	2.992	8.822E-11	6.960	1.392	8.888E-12
782	11.899	2.380	4.440E-11	17.821	3.564	1.492E-10	8.834	1.767	1.817E-11	16.017	3.203	1.083E-10	36.268	7.254	1.257E-09	8.337	1.667	1.527E-11	13.968	2.794	7.184E-11
783	23.340	4.668	3.351E-10	15.049	3.010	8.982E-11	35.007	7.001	1.131E-09	15.982	3.196	1.076E-10	28.015	5.603	5.795E-10	18.351	3.670	1.629E-10	31.084	6.217	7.916E-10
784	13.376	2.675	6.308E-11	18.657	3.731	1.712E-10	28.647	5.729	6.196E-10	22.017	4.403	2.813E-10	49.130	9.826	3.126E-09	39.295	7.859	1.599E-09	-12.513	0.000	0.000E+00
785	42.579	8.516	2.035E-09	42.605	8.521	2.038E-09	18.803	3.761	1.752E-10	77.814	15.563	1.242E-08	46.977	9.395	2.732E-09	12.050	2.410	4.611E-11	31.893	6.379	8.550E-10
786	34.054	6.811	1.041E-09	66.440	13.288	7.730E-09	37.092	7.418	1.345E-09	13.871	2.774	7.034E-11	21.010	4.202	2.444E-10	10.029	2.006	2.659E-11	40.674	8.135	1.773E-09
787	10.436	2.087	2.996E-11	33.226	6.645	9.667E-10	26.151	5.230	4.713E-10	100.693	20.139	2.691E-08	18.286	3.657	1.612E-10	63.753	12.751	6.829E-09	15.869	3.174	1.053E-10
788	11.545	2.309	4.056E-11	19.420	3.884	1.930E-10	16.409	3.282	1.164E-10	10.307	2.061	2.886E-11	15.814	3.163	1.042E-10	14.824	2.965	8.586E-11	12.832	2.566	5.569E-11
789	21.883	4.377	2.762E-10	22.111	4.422	2.849E-10	38.881	7.776	1.549E-09	9.375	1.875	2.172E-11	21.549	4.310	2.637E-10	33.197	6.639	9.643E-10	39.157	7.831	1.582E-09
790	33.540	6.708	9.944E-10	21.959	4.392	2.791E-10	11.461	2.292	3.968E-11	13.113	2.623	5.943E-11	15.870	3.174	1.054E-10	37.455	7.491	1.385E-09	39.716	7.943	1.651E-09
791	14.620	2.924	8.236E-11	17.414	3.483	1.392E-10	15.062	3.012	9.006E-11	42.499	8.500	2.023E-09	33.490	6.698	9.900E-10	19.847	3.969	2.060E-10	15.288	3.058	9.418E-11
792	17.580	3.516	1.432E-10	18.354	3.671	1.630E-10	11.237	2.247	3.739E-11	115.732	23.146	4.086E-08	6.610	1.322	7.612E-12	44.516	8.903	2.325E-09	19.556	3.911	1.971E-10
793	52.773	10.555	3.874E-09	20.234	4.047	2.183E-10	37.998	7.600	1.446E-09	16.978	3.396	1.290E-10	15.365	3.073	9.561E-11	79.343	15.869	1.316E-08	-12.770	0.000	0.000E+00
794	11.747	2.349	4.273E-11	9.270	1.854	2.100E-11	73.288	14.658	1.038E-08	14.796	2.959	8.537E-11	26.456	5.291	4.880E-10	12.902	2.580	5.660E-11	17.270	3.454	1.358E-10
795	126.585	25.317	5.346E-08	18.165	3.633	1.580E-10	32.000	6.400	8.636E-10	130.971	26.194	5.921E-08	36.322	7.264	1.263E-09	32.913	6.583	9.397E-10	15.747	3.149	1.029E-10
796	29.443	5.889	6.727E-10	38.069	7.614	1.454E-09	51.478	10.296	3.596E-09	17.492	3.498	1.411E-10	24.689	4.938	3.966E-10	82.484	16.497	1.479E-08	23.464	4.693	3.405E-10
797	11.636	2.327	4.152E-11	27.879	5.576	5.711E-10	40.722	8.144	1.780E-09	12.521	2.504	5.174E-11	13.167	2.633	6.016E-11	15.391	3.078	9.610E-11	13.824	2.765	6.963E-11
798	34.349	6.870	1.068E-09	5.902	1.180	5.418E-12	44.413	8.883	2.309E-09	9.151	1.830	2.020E-11	19.701	3.940	2.015E-10	10.615	2.123	3.153E-11	29.541	5.908	6.794E-10
799	32.210	6.442	8.808E-10	19.380	3.876	1.919E-10	10.644	2.129	3.178E-11	12.499	2.500	5.146E-11	36.604	7.321	1.293E-09	13.297	2.659	6.196E-11	12.029	2.406	4.588E-11
800	11.470	2.294	3.977E-11	12.651	2.530	5.336E-11	-14.601	0.000	0.000E+00	17.411	3.482	1.391E-10	25.684	5.137	4.465E-10	12.411	2.482	5.039E-11	20.123	4.025	2.148E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
801	12.782	2.556	5.504E-11	15.964	3.193	1.072E-10	27.428	5.486	5.438E-10	82.728	16.546	1.492E-08	45.736	9.147	2.521E-09	120.348	24.070	4.594E-08	-11.453	0.000	0.000E+00
802	14.935	2.987	8.780E-11	82.555	16.511	1.483E-08	15.660	3.132	1.012E-10	22.890	4.578	3.161E-10	50.016	10.003	3.298E-09	14.494	2.899	8.026E-11	12.006	2.401	4.561E-11
803	56.917	11.383	4.860E-09	36.582	7.316	1.290E-09	15.454	3.091	9.728E-11	79.415	15.883	1.320E-08	16.888	3.378	1.270E-10	15.103	3.021	9.079E-11	-9.170	0.000	0.000E+00
804	16.156	3.231	1.111E-10	32.277	6.455	8.862E-10	40.457	8.091	1.745E-09	38.389	7.678	1.491E-09	37.301	7.460	1.368E-09	12.946	2.589	5.719E-11	25.771	5.154	4.511E-10
805	32.468	6.494	9.021E-10	38.985	7.797	1.562E-09	41.088	8.218	1.828E-09	11.344	2.269	3.848E-11	15.567	3.113	9.942E-11	14.791	2.958	8.529E-11	14.059	2.812	7.324E-11
806	9.609	1.922	2.338E-11	13.317	2.663	6.225E-11	20.264	4.053	2.193E-10	11.008	2.202	3.515E-11	18.397	3.679	1.641E-10	32.348	6.470	8.921E-10	15.271	3.054	9.385E-11
807	48.834	9.767	3.069E-09	11.235	2.247	3.738E-11	56.825	11.365	4.836E-09	26.957	5.391	5.163E-10	17.030	3.406	1.302E-10	9.298	1.860	2.119E-11	14.786	2.957	8.520E-11
808	13.158	2.632	6.004E-11	22.015	4.403	2.812E-10	48.360	9.672	2.981E-09	20.580	4.116	2.297E-10	36.876	7.375	1.322E-09	33.418	6.684	9.836E-10	13.977	2.795	7.197E-11
809	43.011	8.602	2.097E-09	14.051	2.810	7.312E-11	25.826	5.165	4.540E-10	13.550	2.710	6.557E-11	37.377	7.475	1.376E-09	41.589	8.318	1.896E-09	32.084	6.417	8.705E-10
810	13.983	2.797	7.207E-11	21.354	4.271	2.566E-10	32.980	6.596	9.455E-10	30.553	6.111	7.517E-10	44.053	8.811	2.253E-09	19.273	3.855	1.887E-10	-14.542	0.000	0.000E+00
811	12.630	2.526	5.309E-11	13.774	2.755	6.888E-11	39.375	7.875	1.609E-09	33.770	6.754	1.015E-09	12.813	2.563	5.544E-11	56.716	11.343	4.808E-09	14.540	2.908	8.102E-11
812	45.841	9.168	2.539E-09	40.910	8.182	1.805E-09	35.604	7.121	1.190E-09	91.802	18.360	2.039E-08	44.213	8.843	2.278E-09	10.939	2.188	3.450E-11	-11.509	0.000	0.000E+00
813	16.321	3.264	1.146E-10	12.430	2.486	5.062E-11	17.999	3.600	1.537E-10	13.942	2.788	7.143E-11	14.028	2.806	7.276E-11	18.846	3.769	1.764E-10	21.059	4.212	2.462E-10
814	9.628	1.926	2.352E-11	21.818	4.364	2.737E-10	10.479	2.096	3.033E-11	72.737	14.547	1.014E-08	18.597	3.719	1.695E-10	10.017	2.003	2.649E-11	33.623	6.725	1.002E-09
815	19.088	3.818	1.833E-10	23.625	4.725	3.475E-10	15.862	3.172	1.052E-10	24.361	4.872	3.810E-10	53.251	10.650	3.980E-09	17.805	3.561	1.488E-10	9.849	1.970	2.518E-11
816	17.479	3.496	1.407E-10	16.986	3.397	1.292E-10	17.818	3.564	1.491E-10	14.362	2.872	7.808E-11	28.983	5.797	6.417E-10	26.806	5.361	5.077E-10	14.680	2.936	8.338E-11
817	41.607	8.321	1.898E-09	76.417	15.283	1.176E-08	7.116	1.423	9.496E-12	29.955	5.991	7.084E-10	207.652	41.530	2.360E-07	16.344	3.269	1.151E-10	10.747	2.149	3.272E-11
818	42.367	8.473	2.004E-09	12.316	2.463	4.924E-11	32.090	6.418	8.710E-10	30.723	6.145	7.643E-10	-35.577	0.000	0.000E+00	52.115	10.423	3.731E-09	16.486	3.297	1.181E-10
819	9.004	1.801	1.924E-11	10.550	2.110	3.095E-11	28.152	5.630	5.881E-10	19.043	3.809	1.820E-10	47.249	9.450	2.780E-09	21.368	4.274	2.572E-10	30.161	6.032	7.231E-10
820	20.618	4.124	2.310E-10	15.297	3.059	9.434E-11	64.183	12.837	6.969E-09	60.751	12.150	5.910E-09	35.227	7.045	1.152E-09	10.168	2.034	2.771E-11	12.361	2.472	4.978E-11
821	-23.681	0.000	0.000E+00	12.079	2.416	4.645E-11	14.657	2.931	8.299E-11	33.758	6.752	1.014E-09	11.555	2.311	4.067E-11	11.719	2.344	4.242E-11	12.444	2.489	5.079E-11
822	18.161	3.632	1.579E-10	12.553	2.511	5.214E-11	13.673	2.735	6.738E-11	-31.289	0.000	0.000E+00	54.092	10.818	4.171E-09	23.152	4.630	3.271E-10	21.969	4.394	2.795E-10
823	12.770	2.554	5.488E-11	10.320	2.064	2.897E-11	30.723	6.145	7.643E-10	19.432	3.886	1.934E-10	43.378	8.676	2.151E-09	16.179	3.236	1.116E-10	20.484	4.097	2.265E-10
824	12.796	2.559	5.522E-11	15.819	3.164	1.043E-10	18.815	3.763	1.756E-10	20.550	4.110	2.287E-10	43.582	8.716	2.182E-09	41.504	8.301	1.884E-09	40.536	8.107	1.756E-09
825	11.627	2.325	4.143E-11	-5.564	0.000	0.000E+00	12.382	2.476	5.003E-11	13.414	2.683	6.361E-11	48.633	9.727	3.032E-09	25.911	5.182	4.585E-10	9.299	1.860	2.119E-11
826	35.954	7.191	1.225E-09	12.803	2.561	5.532E-11	41.341	8.268	1.862E-09	29.477	5.895	6.750E-10	21.374	4.275	2.574E-10	10.177	2.035	2.778E-11	37.864	7.573	1.431E-09
827	36.912	7.382	1.326E-09	16.417	3.283	1.166E-10	53.591	10.718	4.057E-09	-53.174	0.000	0.000E+00	46.152	9.230	2.591E-09	17.524	3.505	1.418E-10	34.361	6.872	1.069E-09
828	-13.394	0.000	0.000E+00	42.509	8.502	2.025E-09	33.794	6.759	1.017E-09	20.047	4.009	2.124E-10	8.335	1.667	1.526E-11	11.170	2.234	3.673E-11	18.883	3.777	1.775E-10
829	13.684	2.737	6.753E-11	34.604	6.921	1.092E-09	42.862	8.572	2.075E-09	38.487	7.697	1.503E-09	53.977	10.795	4.145E-09	73.994	14.799	1.068E-08	12.999	2.600	5.789E-11
830	15.161	3.032	9.185E-11	17.640	3.528	1.447E-10	19.651	3.930	2.000E-10	13.609	2.722	6.643E-11	26.111	5.222	4.692E-10	14.898	2.980	8.715E-11	11.194	2.239	3.697E-11
831	12.261	2.452	4.858E-11	13.056	2.611	5.866E-11	10.032	2.006	2.661E-11	43.491	8.698	2.168E-09	91.289	18.258	2.005E-08	29.353	5.871	6.665E-10	8.632	1.726	1.695E-11
832	26.701	5.340	5.017E-10	23.989	4.798	3.638E-10	12.741	2.548	5.451E-11	27.380	5.476	5.410E-10	18.553	3.711	1.683E-10	51.830	10.366	3.670E-09	48.847	9.769	3.072E-09
833	20.500	4.100	2.271E-10	13.834	2.767	6.978E-11	113.482	22.696	3.852E-08	24.341	4.868	3.801E-10	10.823	2.165	3.342E-11	18.875	3.775	1.772E-10	29.352	5.870	6.665E-10
834	13.545	2.709	6.550E-11	36.810	7.362	1.315E-09	18.318	3.664	1.620E-10	11.291	2.258	3.794E-11	16.082	3.216	1.096E-10	15.319	3.064	9.475E-11	12.062	2.412	4.626E-11
835	52.158	10.432	3.740E-09	52.744	10.549	3.867E-09	12.636	2.527	5.317E-11	7.101	1.420	9.439E-12	40.535	8.107	1.755E-09	72.020	14.404	9.846E-09	9.117	1.823	1.997E-11
836	11.769	2.354	4.297E-11	15.288	3.058	9.417E-11	43.903	8.781	2.230E-09	79.999	16.000	1.349E-08	13.404	2.681	6.347E-11	34.321	6.864	1.066E-09	7.001	1.400	9.044E-12
837	10.697	2.139	3.226E-11	17.043	3.409	1.305E-10	29.182	5.836	6.550E-10	7.314	1.463	1.031E-11	45.748	9.150	2.524E-09	11.323	2.265	3.826E-11	31.980	6.396	8.621E-10
838	17.427	3.485	1.395E-10	32.656	6.531	9.179E-10	12.408	2.482	5.035E-11	89.603	17.921	1.896E-08	35.110	7.022	1.141E-09	22.113	4.423	2.850E-10	12.834	2.567	5.572E-11
839	29.107	5.821	6.500E-10	-5.728	0.000	0.000E+00	16.019	3.204	1.083E-10	17.264	3.453	1.356E-10	28.245	5.649	5.939E-10	13.490	2.698	6.470E-11	34.677	6.935	1.099E-09
840	13.957	2.791	7.166E-11	-15.201	0.000	0.000E+00	49.759	9.952	3.247E-09	40.400	8.080	1.738E-09	61.026	12.205	5.990E-09	18.298	3.660	1.615E-10	48.760	9.752	3.056E-09
841	38.493	7.699	1.503E-09	17.223	3.445	1.347E-10	13.887	2.777	7.059E-11	15.582	3.116	9.971E-11	14.295	2.859	7.700E-11	17.627	3.525	1.443E-10	45.445	9.089	2.474E-09
842	18.109	3.622	1.565E-10	19.252	3.850	1.881E-10	38.820	7.764	1.542E-09	26.817	5.363	5.083E-10	23.675	4.735	3.497E-10	22.248	4.450	2.902E-10	-6.988	0.000	0.000E+00
843	11.500	2.300	4.008E-11	24.216	4.843	3.743E-10	20.190	4.038	2.169E-10	30.068	6.014	7.164E-10	20.231	4.046	2.183E-10	44.121	8.824	2.264E-09	18.341	3.668	1.626E-10
844	13.861	2.772	7.020E-11	12.789	2.558	5.513E-11	12.699	2.540	5.398E-11	54.422	10.884	4.248E-09	18.046	3.609	1.549E-10	13.487	2.697	6.466E-11	-6.189	0.000	0.000E+00
845	10.026	2.005	2.656E-11	29.971	5.994	7.095E-10	88.206	17.641	1.809E-08	46.190	9.238	2.597E-09	44.672	8.934	2.350E-09	27.728	5.546	5.619E-10			

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
846	43.630	8.726	2.189E-09	15.031	3.006	8.951E-11	21.597	4.319	2.655E-10	45.726	9.145	2.520E-09	52.261	10.452	3.762E-09	41.723	8.345	1.914E-09	7.238	1.448	9.993E-12
847	11.935	2.387	4.481E-11	13.784	2.757	6.903E-11	17.656	3.531	1.451E-10	39.716	7.943	1.651E-09	19.232	3.846	1.875E-10	11.877	2.375	4.416E-11	17.467	3.493	1.405E-10
848	47.844	9.569	2.886E-09	12.878	2.576	5.630E-11	23.659	4.732	3.490E-10	23.481	4.696	3.412E-10	15.022	3.004	8.935E-11	15.302	3.060	9.444E-11	-16.412	0.000	0.000E+00
849	13.131	2.626	5.968E-11	16.762	3.352	1.241E-10	11.929	2.386	4.474E-11	14.286	2.857	7.685E-11	7.302	1.460	1.026E-11	39.433	7.887	1.616E-09	47.469	9.494	2.819E-09
850	8.643	1.729	1.702E-11	19.111	3.822	1.840E-10	-15.427	0.000	0.000E+00	15.864	3.173	1.052E-10	52.800	10.560	3.880E-09	17.187	3.437	1.338E-10	24.387	4.877	3.823E-10
851	9.537	1.907	2.286E-11	45.988	9.198	2.563E-09	17.843	3.569	1.497E-10	20.262	4.052	2.192E-10	16.005	3.201	1.081E-10	9.744	1.949	2.438E-11	19.736	3.947	2.026E-10
852	6.283	1.257	6.536E-12	12.059	2.412	4.622E-11	37.913	7.583	1.436E-09	-9.804	0.000	0.000E+00	34.846	6.969	1.115E-09	35.093	7.019	1.139E-09	19.369	3.874	1.915E-10
853	47.597	9.519	2.842E-09	31.664	6.333	8.367E-10	14.443	2.889	7.940E-11	20.477	4.095	2.263E-10	33.437	6.687	9.853E-10	44.834	8.967	2.375E-09	15.308	3.062	9.456E-11
854	9.895	1.979	2.553E-11	12.983	2.597	5.768E-10	17.982	3.596	1.533E-10	8.838	1.768	1.819E-11	66.012	13.202	7.581E-09	13.750	2.750	6.852E-11	16.873	3.375	1.266E-10
855	9.760	1.952	2.451E-11	17.938	3.588	1.521E-10	36.685	7.337	1.301E-09	31.776	6.355	8.456E-10	29.763	5.953	6.949E-10	49.811	9.962	3.257E-09	28.123	5.625	5.863E-10
856	14.551	2.910	8.120E-11	12.433	2.487	5.065E-11	17.992	3.598	1.535E-10	68.151	13.630	8.343E-09	9.449	1.890	2.224E-11	34.256	6.851	1.059E-09	37.689	7.538	1.411E-09
857	9.368	1.874	2.167E-11	14.144	2.829	7.458E-11	52.142	10.428	3.736E-09	46.689	9.338	2.682E-09	11.318	2.264	3.822E-11	19.933	3.987	2.087E-10	15.534	3.107	9.879E-11
858	49.678	9.936	3.231E-09	41.641	8.328	1.903E-09	9.005	1.801	1.925E-11	13.372	2.674	6.302E-11	37.584	7.517	1.399E-09	48.126	9.625	2.938E-09	90.121	18.024	1.929E-08
859	29.824	5.965	6.992E-10	15.313	3.063	9.465E-11	9.350	1.870	2.154E-11	28.555	5.711	6.137E-10	35.777	7.155	1.207E-09	10.590	2.118	3.130E-11	46.763	9.353	2.695E-09
860	84.640	16.928	1.598E-08	-9.016	0.000	0.000E+00	15.335	3.067	9.505E-11	-22.863	0.000	0.000E+00	-25.367	0.000	0.000E+00	36.134	7.227	1.244E-09	22.353	4.471	2.944E-10
861	11.405	2.281	3.910E-11	10.116	2.023	2.729E-11	14.076	2.815	7.351E-11	14.165	2.833	7.492E-11	43.560	8.712	2.178E-09	46.770	9.354	2.696E-09	51.236	10.247	3.545E-09
862	40.243	8.049	1.718E-09	16.043	3.209	1.088E-10	7.134	1.427	9.569E-12	36.824	7.365	1.316E-09	46.421	9.284	2.637E-09	25.982	5.196	4.623E-10	47.534	9.507	2.831E-09
863	9.113	1.823	1.995E-11	14.134	2.827	7.442E-11	14.537	2.907	8.096E-11	52.533	10.507	3.821E-09	51.535	10.307	3.607E-09	50.943	10.189	3.484E-09	20.108	4.022	2.143E-10
864	21.563	4.313	2.643E-10	14.969	2.994	8.841E-11	15.721	3.144	1.024E-10	8.524	1.705	1.633E-11	12.890	2.578	5.645E-11	40.975	8.195	1.813E-09	20.346	4.069	2.220E-10
865	60.860	12.172	5.941E-09	15.956	3.191	1.071E-10	46.809	9.362	2.703E-09	47.717	9.543	2.864E-09	38.268	7.654	1.477E-09	11.632	2.326	4.148E-11	25.589	5.118	4.416E-10
866	16.496	3.299	1.183E-10	18.264	3.653	1.606E-10	16.935	3.387	1.280E-10	22.554	4.511	3.024E-10	52.533	10.507	3.821E-09	10.150	2.030	2.756E-11	81.365	16.273	1.420E-08
867	83.755	16.751	1.549E-08	14.303	2.861	7.713E-11	14.617	2.923	8.232E-11	14.638	2.928	8.266E-11	9.613	1.923	2.341E-11	11.310	2.262	3.813E-11	34.088	6.818	1.044E-09
868	9.860	1.972	2.526E-11	15.482	3.096	9.781E-11	57.101	11.420	4.907E-09	10.365	2.073	2.935E-11	27.656	5.531	5.575E-10	14.818	2.964	8.575E-11	48.309	9.662	2.971E-09
869	79.435	15.887	1.321E-08	15.113	3.023	9.099E-11	14.836	2.967	8.607E-11	14.022	2.804	7.266E-11	25.904	5.181	4.582E-10	34.921	6.984	1.122E-09	52.199	10.440	3.749E-09
870	46.996	9.399	2.736E-09	10.262	2.052	2.848E-11	22.867	4.573	3.152E-10	44.878	8.976	2.382E-09	50.902	10.180	3.476E-09	37.644	7.529	1.406E-09	32.537	6.507	9.079E-10
871	31.696	6.339	8.393E-10	17.377	3.475	1.383E-10	43.556	8.711	2.178E-09	8.605	1.721	1.680E-11	31.584	6.317	8.304E-10	41.325	8.265	1.860E-09	13.301	2.660	6.203E-11
872	11.398	2.280	3.903E-11	56.602	11.320	4.780E-09	17.894	3.579	1.510E-10	76.476	15.295	1.179E-08	25.413	5.083	4.326E-10	39.881	7.976	1.672E-09	27.433	5.487	5.441E-10
873	27.632	5.526	5.561E-10	12.378	2.476	4.998E-11	27.849	5.570	5.693E-10	10.384	2.077	2.951E-11	48.428	9.686	2.993E-09	28.680	5.736	6.218E-10	19.256	3.851	1.882E-10
874	24.485	4.897	3.869E-10	16.177	3.235	1.116E-10	29.418	5.884	6.710E-10	15.281	3.056	9.405E-11	32.182	6.436	8.784E-10	35.284	7.057	1.158E-09	71.399	14.280	9.593E-09
875	22.367	4.473	2.949E-10	47.671	9.534	2.855E-09	15.105	3.021	9.084E-11	16.742	3.348	1.237E-10	18.686	3.737	1.720E-10	19.702	3.940	2.016E-10	18.249	3.650	1.602E-10
876	72.859	14.572	1.019E-08	9.680	1.936	2.391E-11	19.377	3.875	1.918E-10	26.762	5.352	5.052E-10	14.192	2.838	7.534E-11	57.469	11.494	5.002E-09	19.334	3.867	1.905E-10
877	57.505	11.501	5.012E-09	10.390	2.078	2.956E-11	36.963	7.393	1.331E-09	8.882	1.776	1.847E-11	61.442	12.288	6.113E-09	11.744	2.349	4.269E-11	19.565	3.913	1.974E-10
878	37.364	7.473	1.375E-09	11.291	2.258	3.794E-11	16.010	3.202	1.082E-10	9.986	1.997	2.625E-11	18.154	3.631	1.577E-10	9.826	1.965	2.500E-11	31.467	6.293	8.212E-10
879	45.713	9.143	2.518E-09	43.225	8.645	2.129E-09	33.178	6.636	9.626E-10	21.156	4.231	2.496E-10	47.669	9.534	2.855E-09	24.262	4.852	3.764E-10	16.229	3.246	1.127E-10
880	7.672	1.534	1.190E-11	35.611	7.122	1.190E-09	13.839	2.768	6.986E-11	15.679	3.136	1.016E-10	12.413	2.483	5.042E-11	-17.881	0.000	0.000E+00	15.511	3.102	9.837E-11
881	36.306	7.261	1.261E-09	20.354	4.071	2.223E-10	30.290	6.058	7.325E-10	12.459	2.492	5.098E-11	54.784	10.957	4.334E-09	42.342	8.468	2.001E-09	37.882	7.576	1.433E-09
882	10.957	2.191	3.467E-11	38.859	7.772	1.547E-09	13.859	2.772	7.016E-11	24.678	4.936	3.961E-10	14.461	2.892	7.971E-11	65.394	13.079	7.371E-09	66.555	13.311	7.770E-09
883	49.488	9.898	3.194E-09	31.701	6.340	8.397E-10	11.800	2.360	4.331E-11	32.512	6.502	3.690E-10	24.102	4.820	3.690E-10	13.401	2.680	6.343E-11	14.928	2.986	8.767E-11
884	9.480	1.896	2.245E-11	42.997	8.599	2.095E-09	22.701	4.540	3.083E-10	17.877	3.575	1.506E-10	45.612	9.122	2.501E-09	52.907	10.581	3.903E-09	74.874	14.975	1.106E-08
885	14.054	2.811	7.317E-11	15.266	3.053	9.377E-11	53.375	10.675	4.008E-09	15.375	3.075	9.579E-11	28.341	5.668	6.000E-10	13.814	2.763	6.948E-11	22.686	4.537	3.077E-10
886	40.336	8.067	1.730E-09	51.225	10.245	3.543E-09	12.093	2.419	4.661E-11	34.091	6.818	1.044E-09	17.484	3.497	1.409E-10	13.905	2.781	7.086E-11	6.445	1.289	7.057E-12
887	20.395	4.079	2.236E-10	10.835	2.167	3.352E-11	46.962	9.392	2.730E-09	34.826	6.965	1.113E-09	22.343	4.469	2.490E-10	13.108	2.622	5.936E-11	18.934	3.787	1.789E-10
888	16.644	3.329	1.215E-10	12.988	2.598	5.775E-11	15.984	3.197	1.076E-10	12.567	2.513	5.231E-11	17.907	3.581	1.514E-10	97.612	19.522	2.451E-08	-27.387	0.000	0.000E+00
889	12.479	2.496	5.122E-11	39.696	7.939	1.649E-09	29.900	5.980	7.046E-10	43.544	8.709	2.176E-09	11.396	2.279	3.900E-11	15.159	3.032	9.181E-11	23.938	4.788	3.615E-10
890	16.349	3.270	1.152E-10	35.567	7.113	1.186E-09	17.010	3.402	1.297E-10	37.628	7.526	1.404E-09	47.575	9.515	2.838E-09	32.307	6.461	8.888E-10	10.797		

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
891	16.793	3.359	1.248E-10	16.731	3.346	1.234E-10	15.971	3.194	1.074E-10	48.837	9.767	3.070E-09	32.529	6.506	9.072E-10	23.612	4.722	3.469E-10	49.731	9.946	3.242E-09
892	82.811	16.562	1.497E-08	9.419	1.884	2.202E-11	49.332	9.866	3.164E-09	31.291	6.258	8.075E-10	46.673	9.335	2.680E-09	51.160	10.232	3.529E-09	28.046	5.609	5.815E-10
893	46.037	9.207	2.572E-09	26.598	5.320	4.960E-10	19.622	3.924	1.991E-10	95.625	19.125	2.305E-08	24.046	4.809	3.665E-10	-43.291	0.000	0.000E+00	16.313	3.263	1.144E-10
894	18.929	3.786	1.787E-10	17.958	3.592	1.526E-10	10.097	2.019	2.713E-11	10.427	2.085	2.988E-11	48.811	9.762	3.065E-09	9.449	1.890	2.223E-11	34.527	6.905	1.085E-09
895	14.247	2.849	7.623E-11	11.503	2.301	4.011E-11	9.198	1.840	2.051E-11	103.420	20.684	2.915E-08	28.798	5.760	6.294E-10	41.075	8.215	1.827E-09	18.884	3.777	1.775E-10
896	93.780	18.756	2.174E-08	19.156	3.831	1.853E-10	12.835	2.567	5.573E-11	44.284	8.857	2.289E-09	37.219	7.444	1.359E-09	22.731	4.546	3.096E-10	-28.375	0.000	0.000E+00
897	57.440	11.488	4.995E-09	19.974	3.995	2.100E-10	44.947	8.989	2.393E-09	12.969	2.594	5.749E-11	27.394	5.479	5.418E-10	30.529	6.106	7.499E-10	30.287	6.057	7.323E-10
898	15.611	3.122	1.003E-10	13.717	2.743	6.802E-11	92.874	18.575	2.111E-08	44.548	8.910	2.330E-09	29.016	5.803	6.439E-10	-26.603	0.000	0.000E+00	38.160	7.632	1.465E-09
899	7.761	1.552	1.232E-11	10.273	2.055	2.858E-11	17.875	3.575	1.505E-10	22.364	4.473	2.948E-10	29.070	5.814	6.475E-10	11.712	2.342	4.234E-11	28.924	5.785	6.378E-10
900	26.053	5.211	4.661E-10	36.153	7.231	1.245E-09	30.588	6.118	7.543E-10	17.087	3.417	1.315E-10	45.618	9.124	2.502E-09	18.012	3.602	1.540E-10	19.398	3.880	1.924E-10
901	39.266	7.853	1.596E-09	28.670	5.734	6.211E-10	11.577	2.315	4.089E-11	46.558	9.312	2.660E-09	14.286	2.857	7.684E-11	25.230	5.046	4.233E-10	14.929	2.986	8.770E-11
902	6.072	1.214	5.901E-12	26.130	5.226	4.702E-10	24.366	4.873	3.813E-10	42.833	8.567	2.071E-09	79.477	15.895	1.323E-08	-4.552	0.000	0.000E+00	44.979	8.996	2.398E-09
903	78.114	15.623	1.256E-08	10.603	2.121	3.142E-11	13.196	2.639	6.056E-11	10.907	2.181	3.420E-11	22.074	4.415	2.835E-10	34.820	6.964	1.113E-09	119.117	23.823	4.455E-08
904	35.929	7.186	1.222E-09	46.373	9.275	2.628E-09	12.705	2.541	5.405E-11	46.948	9.390	2.727E-09	89.049	17.810	1.861E-08	21.869	4.374	2.757E-10	8.010	1.602	1.354E-11
905	33.260	6.652	9.697E-10	21.246	4.249	2.528E-10	36.787	7.357	1.312E-09	30.364	6.073	7.379E-10	19.435	3.887	1.935E-10	-19.924	0.000	0.000E+00	40.458	8.092	1.745E-09
906	22.869	4.574	3.153E-10	50.626	10.125	3.420E-09	15.102	3.020	9.079E-11	6.773	1.355	8.188E-12	14.227	2.845	7.590E-11	6.364	1.273	6.794E-12	40.294	8.059	1.724E-09
907	-29.269	0.000	0.000E+00	92.187	18.437	2.065E-08	12.980	2.596	5.764E-11	29.964	5.993	7.091E-10	47.127	9.425	2.759E-09	39.743	7.949	1.654E-09	54.985	10.997	4.382E-09
908	26.287	5.257	4.788E-10	32.172	6.434	8.777E-10	52.418	10.484	3.796E-09	40.473	8.095	1.747E-09	30.204	6.041	7.262E-10	30.390	6.078	7.398E-10	83.900	16.780	1.557E-08
909	82.264	16.453	1.467E-08	55.695	11.139	4.553E-09	-46.532	0.000	0.000E+00	41.905	8.381	1.939E-09	42.606	8.521	2.038E-09	35.681	7.136	1.197E-09	44.537	8.907	2.328E-09
910	10.542	2.108	3.088E-11	26.292	5.258	4.790E-10	37.117	7.423	1.348E-09	50.712	10.142	3.437E-09	14.602	2.920	8.205E-11	49.818	9.964	3.259E-09	14.378	2.876	7.834E-11
911	14.739	2.948	8.438E-11	15.565	3.113	9.938E-11	9.572	1.914	2.311E-11	19.521	3.904	1.961E-10	45.034	9.007	2.407E-09	47.163	9.433	2.765E-09	33.689	6.738	1.008E-09
912	26.006	5.201	4.636E-10	45.330	9.066	2.455E-09	25.813	5.163	4.533E-10	51.842	10.368	3.672E-09	41.762	8.352	1.920E-09	30.008	6.002	7.122E-10	55.322	11.064	4.463E-09
913	26.154	5.231	4.715E-10	78.565	15.713	1.278E-08	17.888	3.578	1.509E-10	17.235	3.447	1.349E-10	15.609	3.122	1.002E-10	45.685	9.137	2.513E-09	169.835	33.967	1.291E-07
914	13.022	2.604	5.821E-11	83.441	16.688	1.531E-08	13.024	2.605	5.822E-11	39.092	7.818	1.575E-09				29.491	5.898	6.760E-10	-46.702	0.000	0.000E+00
915	63.583	12.717	6.775E-09	16.669	3.334	1.221E-10	29.723	5.945	6.921E-10	50.517	10.103	3.398E-09				37.226	7.445	1.360E-09	-101.102	0.000	0.000E+00
916	8.609	1.722	1.682E-11	51.077	10.215	3.512E-09	7.418	1.484	1.076E-11	12.329	2.466	4.939E-11				29.683	5.937	6.893E-10	48.767	9.753	3.057E-09
917	48.467	9.693	3.001E-09	14.513	2.903	8.057E-11	14.915	2.983	8.745E-11	32.097	6.419	8.715E-10				46.980	9.396	2.733E-09	54.340	10.868	4.229E-09
918	32.341	6.468	8.915E-10	33.674	6.735	1.006E-09	47.315	9.463	2.792E-09	25.358	5.072	4.298E-10				20.752	4.150	2.356E-10	33.404	6.681	9.824E-10
919	11.981	2.396	4.532E-11	19.852	3.970	2.062E-10	12.875	2.575	5.625E-11	40.212	8.042	1.714E-09				38.118	7.624	1.460E-09	31.881	6.376	8.541E-10
920	69.494	13.899	8.846E-09	16.666	3.333	1.220E-10	48.599	9.720	3.025E-09	22.583	4.517	3.036E-10				14.338	2.868	7.769E-11	51.016	10.203	3.500E-09
921	45.494	9.099	2.482E-09	14.220	2.844	7.578E-11	11.590	2.318	4.103E-11	34.501	6.900	1.082E-09				46.940	9.388	2.726E-09	74.290	14.858	1.081E-08
922	44.285	8.857	2.289E-09	-18.304	0.000	0.000E+00	36.686	7.337	1.301E-09	27.965	5.593	5.764E-10				49.890	9.978	3.273E-09	55.762	11.152	4.570E-09
923	14.720	2.944	8.406E-11	27.204	5.441	5.306E-10	42.717	8.543	2.054E-09	22.603	4.521	3.044E-10				47.556	9.511	2.835E-09	11.454	2.291	3.960E-11
924	79.354	15.871	1.317E-08	7.268	1.454	1.012E-11	36.220	7.244	1.252E-09	47.351	9.470	2.798E-09				50.745	10.149	3.444E-09	40.293	8.059	1.724E-09
925	-57.825	0.000	0.000E+00	13.121	2.624	5.953E-11	48.869	9.774	3.076E-09	28.554	5.711	6.136E-10				43.643	8.729	2.191E-09	28.231	5.646	5.930E-10
926	48.309	9.662	2.971E-09	11.644	2.329	4.161E-11	45.494	9.099	2.482E-09	16.896	3.379	1.271E-10				14.874	2.975	8.674E-11	13.945	2.789	7.147E-11
927	16.512	3.302	1.187E-10	24.797	4.959	4.019E-10	13.865	2.773	7.024E-11	12.739	2.548	5.448E-11				84.241	16.848	1.576E-08	53.460	10.692	4.027E-09
928	15.449	3.090	9.719E-11	22.024	4.405	2.816E-10	17.587	3.517	1.434E-10	42.916	8.583	2.083E-09				43.660	8.732	2.194E-09	35.137	7.027	1.143E-09
929	-44.862	0.000	0.000E+00	16.330	3.266	1.148E-10	21.165	4.233	2.499E-10	41.373	8.275	1.867E-09				-32.923	0.000	0.000E+00	89.590	17.918	1.895E-08
930	38.690	7.738	1.526E-09	14.373	2.875	7.826E-11	-22.531	0.000	0.000E+00	24.677	4.935	3.961E-10				80.065	16.013	1.353E-08	35.235	7.047	1.153E-09
931	50.105	10.021	3.315E-09	50.907	10.181	3.477E-09	13.088	2.618	5.909E-11	44.079	8.816	2.257E-09				40.124	8.025	1.703E-09	33.978	6.796	1.034E-09
932	41.384	8.277	1.868E-09	45.515	9.103	2.485E-09	20.449	4.090	2.254E-10	37.470	7.494	1.387E-09				29.483	5.897	6.755E-10	50.460	10.092	3.386E-09
933	55.658	11.132	4.544E-09	21.231	4.246	2.522E-10	16.126	3.225	1.105E-10	49.118	9.824	3.123E-09				29.948	5.990	7.079E-10	-21.078	0.000	0.000E+00
934	86.974	17.395	1.734E-08	33.380	6.676	9.803E-10	17.070	3.414	1.311E-10	41.825	8.365	1.928E-09				19.434	3.887	1.935E-10	52.620	10.524	3.840E-09
935	13.524	2.705	6.520E-11	13.374	2.675	6.304E-11	89.979	17.996	1.920E-08	29.251	5.850	6.596E-10				41.216	8.243	1.845E-09	72.718	14.544	1.013E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
936	44.873	8.975	2.381E-09	9.214	1.843	2.062E-11	31.307	6.261	8.088E-10	49.198	9.840	3.139E-09				51.464	10.293	3.592E-09	-32.942	0.000	0.000E+00
937	-43.402	0.000	0.000E+00	17.944	3.589	1.523E-10	47.488	9.498	2.823E-09	44.117	8.823	2.263E-09				44.674	8.935	2.350E-09	52.605	10.521	3.837E-09
938	47.802	9.560	2.879E-09	76.127	15.225	1.163E-08	39.216	7.843	1.590E-09	11.964	2.393	4.513E-11				48.935	9.787	3.089E-09	51.903	10.381	3.685E-09
939	38.261	7.652	1.476E-09	44.173	8.835	2.272E-09	38.437	7.687	1.497E-09	10.470	2.094	3.025E-11				-49.799	0.000	0.000E+00	26.398	5.280	4.848E-10
940	58.316	11.663	5.227E-09	15.887	3.177	1.057E-10	18.316	3.663	1.620E-10	64.099	12.820	6.941E-09				-15.110	0.000	0.000E+00	40.563	8.113	1.759E-09
941	45.075	9.015	2.414E-09	13.276	2.655	6.167E-11	34.589	6.918	1.091E-09	87.122	17.424	1.743E-08				50.065	10.013	3.308E-09	35.790	7.158	1.208E-09
942	45.182	9.036	2.431E-09	18.652	3.730	1.710E-10	8.487	1.697	1.611E-11	19.609	3.922	1.987E-10				31.195	6.239	8.001E-10	26.868	5.374	5.112E-10
943	29.654	5.931	6.873E-10	22.437	4.487	2.977E-10	45.054	9.011	2.410E-09	38.645	7.729	1.521E-09				39.980	7.996	1.684E-09	29.911	5.982	7.053E-10
944	40.104	8.021	1.700E-09	118.943	23.789	4.435E-08	28.278	5.656	5.960E-10	26.133	5.227	4.704E-10				77.716	15.543	1.237E-08	25.604	5.121	4.424E-10
945	46.866	9.373	2.713E-09	30.534	6.107	7.503E-10	26.909	5.382	5.136E-10	46.354	9.271	2.625E-09				-46.976	0.000	0.000E+00	31.895	6.379	8.552E-10
946	26.416	5.283	4.858E-10	10.802	2.160	3.322E-11	-29.643	0.000	0.000E+00	53.510	10.702	4.038E-09				8.383	1.677	1.553E-11	28.911	5.782	6.369E-10
947	13.132	2.626	5.968E-11	29.723	5.945	6.921E-10	27.562	5.512	5.518E-10	26.472	5.294	4.889E-10				29.727	5.945	6.924E-10	68.524	13.705	8.481E-09
948	138.773	27.755	7.044E-08	49.376	9.875	3.173E-09	103.944	20.789	2.960E-08	30.254	6.051	7.299E-10				92.179	18.436	2.064E-08	97.330	19.466	2.430E-08
949	11.695	2.339	4.215E-11	15.909	3.182	1.061E-10	70.157	14.031	9.101E-09	61.426	12.285	6.109E-09				29.445	5.889	6.729E-10	45.040	9.008	2.408E-09
950	48.498	9.700	3.007E-09	21.865	4.373	2.755E-10	30.914	6.183	7.787E-10	42.035	8.407	1.958E-09				43.517	8.703	2.172E-09	34.641	6.928	1.096E-09
951	48.420	9.684	2.992E-09	83.812	16.762	1.552E-08	38.567	7.713	1.512E-09	32.920	6.584	9.403E-10				37.415	7.483	1.381E-09	50.348	10.070	3.364E-09
952	23.905	4.781	3.601E-10	51.777	10.355	3.658E-09	18.540	3.708	1.680E-10	27.924	5.585	5.739E-10				19.254	3.851	1.881E-10	37.958	7.592	1.441E-09
953	35.045	7.009	1.134E-09	108.509	21.702	3.367E-08	13.259	2.652	6.144E-11	33.910	6.782	1.028E-09				53.833	10.767	4.112E-09	89.561	17.912	1.893E-08
954	46.516	9.303	2.653E-09	18.986	3.797	1.804E-10	33.909	6.782	1.028E-09	53.522	10.704	4.041E-09				41.334	8.267	1.861E-09	42.112	8.422	1.968E-09
955	30.843	6.169	7.733E-10	45.013	9.003	2.404E-09	31.165	6.233	7.978E-10	44.564	8.913	2.333E-09				47.912	9.582	2.899E-09	57.063	11.413	4.897E-09
956	14.462	2.892	7.973E-11	9.183	1.837	2.041E-11	15.437	3.087	9.696E-11	46.177	9.235	2.595E-09				46.626	9.325	2.672E-09	29.560	5.912	6.808E-10
957	78.014	15.603	1.251E-08	18.201	3.640	1.589E-10	50.761	10.152	3.447E-09	20.538	4.108	2.283E-10				43.179	8.636	2.122E-09	50.730	10.146	3.441E-09
958	67.797	13.559	8.213E-09	36.729	7.346	1.306E-09	15.251	3.050	9.349E-11	50.496	10.099	3.394E-09				52.814	10.563	3.883E-09	31.982	6.396	8.622E-10
959	49.178	9.836	3.135E-09	22.690	4.538	3.079E-10	105.385	21.077	3.085E-08	18.697	3.739	1.723E-10				42.573	8.515	2.034E-09	19.028	3.806	1.816E-10
960	33.201	6.640	9.646E-10	17.337	3.467	1.373E-10	52.617	10.523	3.839E-09	12.135	2.427	4.710E-11				31.672	6.334	8.374E-10	45.320	9.064	2.453E-09
961	42.292	8.458	1.994E-09	13.457	2.691	6.423E-11	94.033	18.807	2.191E-08	27.574	5.515	5.526E-10				20.292	4.058	2.202E-10	35.490	7.098	1.178E-09
962	43.631	8.726	2.189E-09	26.302	5.260	4.796E-10	23.367	4.673	3.363E-10	55.797	11.159	4.579E-09				16.317	3.263	1.145E-10	59.273	11.855	5.489E-09
963	38.701	7.740	1.528E-09	51.766	10.353	3.656E-09	49.299	9.860	3.158E-09	36.472	7.294	1.279E-09				52.309	10.462	3.772E-09	47.573	9.515	2.838E-09
964	63.220	12.644	6.660E-09	15.847	3.169	1.049E-10	-37.571	0.000	0.000E+00	16.618	3.324	1.209E-10				49.789	9.958	3.253E-09	45.800	9.160	2.532E-09
965	40.602	8.120	1.764E-09	83.710	16.742	1.546E-08	57.159	11.432	4.922E-09	13.440	2.688	6.399E-11				51.054	10.211	3.507E-09	38.356	7.671	1.487E-09
966	45.206	9.041	2.435E-09	38.606	7.721	1.517E-09	21.364	4.273	2.570E-10	10.784	2.157	3.305E-11				8.266	1.653	1.488E-11	36.278	7.256	1.258E-09
967	40.763	8.153	1.785E-09	21.879	4.376	2.760E-10	89.941	17.988	1.918E-08	51.495	10.299	3.599E-09				10.347	2.069	2.920E-11	80.140	16.028	1.357E-08
968	-19.267	0.000	0.000E+00	45.754	9.151	2.525E-09	67.922	13.584	8.259E-09	16.627	3.325	1.212E-10				15.365	3.073	9.561E-11	68.872	13.774	8.610E-09
969	46.060	9.212	2.576E-09	34.070	6.814	1.042E-09	48.310	9.662	2.972E-09	30.199	6.040	7.259E-10				18.940	3.788	1.791E-10	50.985	10.197	3.493E-09
970	72.673	14.535	1.012E-08	30.171	6.034	7.239E-10	22.599	4.520	3.042E-10	57.552	11.510	5.024E-09				17.141	3.428	1.327E-10	26.523	5.305	4.918E-10
971	14.163	2.833	7.487E-11	11.346	2.269	3.850E-11	75.427	15.085	1.131E-08	54.372	10.874	4.237E-09				31.050	6.210	7.890E-10	53.686	10.737	4.078E-09
972	43.797	8.759	2.214E-09	23.282	4.656	3.326E-10	24.772	4.954	4.006E-10	83.222	16.644	1.519E-08				20.314	4.063	2.209E-10	49.585	9.917	3.213E-09
973	33.702	6.740	1.009E-09	31.207	6.241	8.010E-10	19.675	3.935	2.008E-10	10.943	2.189	3.454E-11				29.992	5.998	7.111E-10	35.629	7.126	1.192E-09
974	46.126	9.225	2.587E-09	51.842	10.368	3.672E-09	9.846	1.969	2.516E-11	13.140	2.628	5.980E-11				36.012	7.202	1.231E-09	15.282	3.056	9.406E-11
975	26.129	5.226	4.702E-10	38.704	7.741	1.528E-09	85.703	17.141	1.659E-08	46.646	9.329	2.675E-09				42.834	8.567	2.071E-09	15.602	3.120	1.001E-10
976	52.891	10.578	3.900E-09	48.407	9.681	2.990E-09	25.018	5.004	4.127E-10	10.713	2.143	3.241E-11				10.424	2.085	2.985E-11	17.977	3.595	1.531E-10
977	47.661	9.532	2.854E-09	30.319	6.064	7.346E-10	41.837	8.367	1.930E-09	17.034	3.407	1.303E-10				29.532	5.906	6.789E-10	52.966	10.593	3.916E-09
978	46.575	9.315	2.663E-09	11.301	2.260	3.804E-11	29.700	5.940	6.905E-10	44.756	8.951	2.363E-09				26.254	5.251	4.770E-10	11.203	2.241	3.706E-11
979	38.297	7.659	1.480E-09	64.698	12.940	7.138E-09	40.217	8.043	1.714E-09	40.193	8.039	1.711E-09				11.911	2.382	4.454E-11	32.096	6.419	8.714E-10
980	63.349	12.670	6.701E-09	41.998	8.400	1.952E-09	10.483	2.097	3.036E-11	54.464	10.893	4.258E-09				44.253	8.851	2.284E-09	63.210	12.642	6.656E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
981	70.383	14.077	9.190E-09	-36.689	0.000	0.000E+00	44.244	8.849	2.283E-09	36.883	7.377	1.322E-09				31.705	6.341	8.400E-10	18.261	3.652	1.605E-10
982	23.296	4.659	3.332E-10	41.927	8.385	1.942E-09	18.321	3.664	1.621E-10	40.044	8.009	1.692E-09				37.594	7.519	1.400E-09	41.268	8.254	1.852E-09
983	40.669	8.134	1.773E-09	41.668	8.334	1.907E-09	19.971	3.994	2.100E-10	51.090	10.218	3.515E-09				58.234	11.647	5.205E-09	9.288	1.858	2.112E-11
984	41.895	8.379	1.938E-09	55.587	11.117	4.527E-09	28.289	5.658	5.967E-10	28.612	5.722	6.174E-10				44.843	8.969	2.377E-09	32.274	6.455	8.860E-10
985	-44.455	0.000	0.000E+00	42.425	8.485	2.013E-09	52.459	10.492	3.805E-09	12.588	2.518	5.258E-11				50.774	10.155	3.450E-09	40.287	8.057	1.723E-09
986	54.103	10.821	4.174E-09	40.599	8.120	1.764E-09	28.152	5.630	5.880E-10	16.915	3.383	1.276E-10				23.277	4.655	3.324E-10	36.961	7.392	1.331E-09
987	50.094	10.019	3.313E-09	70.947	14.189	9.412E-09	47.596	9.519	2.842E-09	51.593	10.319	3.620E-09				30.983	6.197	7.839E-10	18.048	3.610	1.549E-10
988	41.918	8.384	1.941E-09	41.082	8.216	1.827E-09	57.049	11.410	4.894E-09	46.615	9.323	2.670E-09				39.362	7.872	1.607E-09	31.312	6.262	8.091E-10
989	52.032	10.406	3.713E-09	47.225	9.445	2.776E-09	47.796	9.559	2.878E-09	13.236	2.647	6.111E-11				58.434	11.687	5.259E-09	16.632	3.326	1.213E-10
990	52.432	10.486	3.799E-09	11.482	2.296	3.989E-11	51.657	10.331	3.633E-09	28.790	5.758	6.289E-10				52.531	10.506	3.821E-09	19.201	3.840	1.866E-10
991	28.158	5.632	5.884E-10	44.776	8.955	2.366E-09	25.127	5.025	4.181E-10	21.442	4.288	2.598E-10				10.573	2.115	3.115E-11	18.049	3.610	1.550E-10
992	45.721	9.144	2.519E-09	60.286	12.057	5.775E-09	24.119	4.824	3.698E-10	29.487	5.897	6.758E-10				31.559	6.312	8.285E-10	11.261	2.252	3.764E-11
993	48.991	9.798	3.099E-09	41.955	8.391	1.946E-09	51.799	10.360	3.663E-09	55.200	11.040	4.433E-09				46.158	9.232	2.592E-09	16.976	3.395	1.289E-10
994	58.275	11.655	5.216E-09	18.528	3.706	1.676E-10	13.961	2.792	7.173E-11	39.683	7.937	1.647E-09				-59.182	0.000	0.000E+00	31.874	6.375	8.535E-10
995	101.436	20.287	2.751E-08	12.167	2.433	4.747E-11	71.538	14.308	9.650E-09	38.251	7.650	1.475E-09				37.508	7.502	1.391E-09	21.333	4.267	2.559E-10
996	117.753	23.551	4.303E-08	32.100	6.420	8.717E-10	38.874	7.775	1.548E-09	52.441	10.488	3.801E-09				42.923	8.585	2.084E-09	39.805	7.961	1.662E-09
997	43.736	8.747	2.205E-09	42.779	8.556	2.063E-09	42.816	8.563	2.069E-09	13.186	2.637	6.043E-11				28.895	5.779	6.359E-10	47.095	9.419	2.753E-09
998	12.606	2.521	5.279E-11	19.637	3.927	1.996E-10	160.944	32.189	1.099E-07	10.357	2.071	2.928E-11				53.151	10.630	3.958E-09	34.335	6.867	1.067E-09
999	41.172	8.234	1.840E-09	26.790	5.358	5.068E-10	47.420	9.484	2.810E-09	19.655	3.931	2.001E-10				43.228	8.646	2.129E-09	49.317	9.863	3.161E-09
1000	49.389	9.878	3.175E-09	33.303	6.661	9.735E-10	25.442	5.088	4.341E-10	58.952	11.790	5.400E-09				9.412	1.882	2.197E-11	46.555	9.311	2.659E-09
1001	39.969	7.994	1.683E-09	35.095	7.019	1.139E-09	41.822	8.364	1.928E-09	44.758	8.952	2.363E-09				82.684	16.537	1.490E-08	43.485	8.697	2.167E-09
1002	55.274	11.055	4.451E-09	17.383	3.477	1.384E-10	18.258	3.652	1.604E-10	26.907	5.381	5.134E-10				55.220	11.044	4.438E-09	59.213	11.843	5.472E-09
1003	14.828	2.966	8.593E-11	99.662	19.932	2.609E-08	43.430	8.686	2.159E-09	51.528	10.306	3.606E-09				42.499	8.500	2.023E-09	10.798	2.160	3.318E-11
1004	50.489	10.098	3.392E-09	13.130	2.626	5.966E-11	34.459	6.892	1.078E-09	12.673	2.535	5.364E-11				15.675	3.135	1.015E-10	43.847	8.769	2.222E-09
1005	45.058	9.012	2.411E-09	81.365	16.273	1.420E-08	17.170	3.434	1.334E-10	50.567	10.113	3.408E-09				44.857	8.971	2.379E-09	47.664	9.533	2.854E-09
1006	94.966	18.993	2.257E-08	66.772	13.354	7.846E-09	21.324	4.265	2.556E-10	21.253	4.251	2.530E-10				41.853	8.371	1.932E-09	11.317	2.263	3.820E-11
1007	48.223	9.645	2.956E-09	12.835	2.567	5.573E-11	37.019	7.404	1.337E-09	75.987	15.197	1.156E-08				35.252	7.050	1.155E-09	44.230	8.846	2.281E-09
1008	14.147	2.829	7.462E-11	43.373	8.675	2.151E-09	121.667	24.333	4.747E-08	15.824	3.165	1.044E-10				28.934	5.787	6.384E-10	52.375	10.475	3.787E-09
1009	32.522	6.504	9.066E-10	71.490	14.298	9.630E-09	14.740	2.948	8.441E-11	48.680	9.736	3.040E-09				40.533	8.107	1.755E-09	59.285	11.857	5.492E-09
1010	55.862	11.172	4.594E-09	36.947	7.389	1.329E-09	-46.040	0.000	0.000E+00	12.462	2.492	5.101E-11				46.868	9.374	2.713E-09	55.809	11.162	4.581E-09
1011	45.771	9.154	2.527E-09	57.153	11.431	4.920E-09	37.522	7.504	1.392E-09	37.456	7.491	1.385E-09				10.400	2.080	2.965E-11	11.182	2.236	3.685E-11
1012	14.535	2.907	8.093E-11	47.898	9.580	2.896E-09	75.899	15.180	1.152E-08	25.250	5.050	4.243E-10				80.741	16.148	1.387E-08	48.847	9.769	3.072E-09
1013	53.784	10.757	4.101E-09	54.556	10.911	4.280E-09	12.348	2.470	4.963E-11	23.593	4.719	3.461E-10				43.185	8.637	2.123E-09	56.466	11.293	4.745E-09
1014	43.698	8.740	2.199E-09	40.876	8.175	1.800E-09	15.139	3.028	9.145E-11	10.891	2.178	3.405E-11				30.229	6.046	7.280E-10	7.861	1.572	1.280E-11
1015	52.203	10.441	3.750E-09	-60.289	0.000	0.000E+00	30.129	6.026	7.209E-10	47.815	9.563	2.881E-09				28.277	5.655	5.959E-10	51.557	10.311	3.612E-09
1016	52.467	10.493	3.807E-09	10.448	2.090	3.006E-11	38.735	7.747	1.532E-09	33.274	6.655	9.710E-10				54.191	10.838	4.194E-09	15.828	3.166	1.045E-10
1017	26.276	5.255	4.781E-10	46.510	9.302	2.652E-09	30.294	6.059	7.327E-10	25.567	5.113	4.405E-10				21.306	4.261	2.549E-10	111.301	22.260	3.634E-08
1018	16.241	3.248	1.129E-10	30.716	6.143	7.638E-10	30.502	6.100	7.480E-10	25.596	5.119	4.420E-10				38.685	7.737	1.526E-09	50.366	10.073	3.367E-09
1019	13.911	2.782	7.096E-11	49.477	9.895	3.192E-09	66.412	13.282	7.720E-09	15.186	3.037	9.230E-11				42.243	8.449	1.987E-09	19.604	3.921	1.986E-10
1020	44.440	8.888	2.313E-09	40.632	8.126	1.768E-09	54.464	10.893	4.258E-09	30.682	6.136	7.613E-10				87.879	17.576	1.789E-08	29.958	5.992	7.086E-10
1021	45.934	9.187	2.554E-09	40.291	8.058	1.724E-09	7.643	1.529	1.177E-11	13.489	2.698	6.469E-11				13.530	2.706	6.528E-11	60.866	12.173	5.943E-09
1022	37.722	7.544	1.415E-09	45.120	9.024	2.421E-09	-38.430	0.000	0.000E+00	25.538	5.108	4.390E-10				45.322	9.064	2.454E-09	39.639	7.928	1.642E-09
1023	-23.287	0.000	0.000E+00	23.996	4.799	3.642E-10	42.619	8.524	2.040E-09	53.735	10.747	4.089E-09				23.955	4.791	3.623E-10	48.098	9.620	2.933E-09
1024	46.625	9.325	2.671E-09	41.238	8.248	1.848E-09	-7.766	0.000	0.000E+00	92.658	18.532	2.097E-08				38.289	7.658	1.480E-09	41.143	8.229	1.836E-09
1025	14.254	2.851	7.634E-11	25.194	5.039	4.215E-10	16.060	3.212	1.092E-10	20.449	4.090	2.254E-10				20.602	4.120	2.305E-10	27.240	5.448	5.327E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-04																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG04	200000	11.4822	SG04			SG04			SG04			SG04			SG04			SG04		
1026	25.336	5.067	4.286E-10	35.476	7.095	1.177E-09	45.572	9.114	2.494E-09	7.952	1.590	1.326E-11				41.607	8.321	1.898E-09	14.114	2.823	7.410E-11
1027	49.489	9.898	3.195E-09	50.109	10.022	3.316E-09	41.685	8.337	1.909E-09	28.192	5.638	5.906E-10				26.687	5.337	5.010E-10	29.406	5.881	6.702E-10
1028	41.570	8.314	1.893E-09	37.255	7.451	1.363E-09	48.438	9.688	2.995E-09	34.202	6.840	1.054E-09				39.568	7.914	1.633E-09	48.027	9.605	2.920E-09
1029	39.395	7.879	1.611E-09	38.287	7.657	1.479E-09	44.082	8.816	2.258E-09	39.124	7.825	1.578E-09				10.516	2.103	3.065E-11	51.180	10.236	3.533E-09
1030	32.327	6.465	8.904E-10	53.356	10.671	4.004E-09	11.969	2.394	4.520E-11	16.650	3.330	1.216E-10				47.464	9.493	2.818E-09	16.108	3.222	1.101E-10
1031	27.184	5.437	5.295E-10	31.397	6.279	8.157E-10	43.840	8.768	2.221E-09	50.139	10.028	3.322E-09							41.701	8.340	1.911E-09
1032	24.312	4.862	3.788E-10	46.172	9.234	2.594E-09	31.948	6.390	8.595E-10	47.974	9.595	2.910E-09									
1033	15.330	3.066	9.495E-11	49.609	9.922	3.218E-09	58.286	11.657	5.219E-09	22.778	4.556	3.115E-10									
1034	12.282	2.456	4.884E-11	64.593	12.919	7.103E-09	10.708	2.142	3.236E-11	40.862	8.172	1.798E-09									
1035	14.647	2.929	8.281E-11	77.530	15.506	1.228E-08	38.418	7.684	1.494E-09	56.962	11.392	4.871E-09									
1036	27.440	5.488	5.445E-10	47.096	9.419	2.753E-09	8.647	1.729	1.704E-11	18.062	3.612	1.553E-10									
1037	14.681	2.936	8.339E-11	41.624	8.325	1.901E-09	46.060	9.212	2.576E-09	43.688	8.738	2.198E-09									
1038	44.180	8.836	2.273E-09	26.350	5.270	4.822E-10	-34.306	0.000	0.000E+00	24.220	4.844	3.745E-10									
1039	29.021	5.804	6.442E-10	45.916	9.183	2.551E-09	30.311	6.062	7.340E-10												
1040	49.111	9.822	3.122E-09	33.719	6.744	1.010E-09	24.602	4.920	3.925E-10												
1041	10.052	2.010	2.677E-11	36.764	7.353	1.310E-09	13.455	2.691	6.420E-11												
1042	25.751	5.150	4.501E-10	49.617	9.923	3.220E-09	40.500	8.100	1.751E-09												
1043	34.344	6.869	1.068E-09	81.676	16.335	1.436E-08	17.242	3.448	1.351E-10												
1044	21.458	4.292	2.604E-10	47.542	9.508	2.832E-09	12.626	2.525	5.305E-11												
1045	29.568	5.914	6.813E-10	34.073	6.815	1.043E-09	38.628	7.726	1.519E-09												
1046	13.308	2.662	6.212E-11	17.440	3.488	1.398E-10	8.365	1.673	1.543E-11												
1047	46.541	9.308	2.657E-09	56.648	11.330	4.791E-09	17.535	3.507	1.421E-10												
1048	42.137	8.427	1.972E-09	67.965	13.593	8.275E-09	49.443	9.889	3.186E-09												
1049	221.417	44.283	2.861E-07	17.129	3.426	1.325E-10	18.752	3.750	1.738E-10												
1050	30.475	6.095	7.460E-10	122.456	24.491	4.840E-08	18.263	3.653	1.606E-10												
1051	12.508	2.502	5.158E-11	27.604	5.521	5.544E-10	29.677	5.935	6.889E-10												
1052				42.847	8.569	2.073E-09	41.165	8.233	1.839E-09												
1053				42.687	8.537	2.050E-09	26.290	5.258	4.789E-10												
1054				6.083	1.217	5.931E-12	33.704	6.741	1.009E-09												
1055				49.941	9.988	3.283E-09	19.504	3.901	1.956E-10												
1056				42.204	8.441	1.981E-09	47.380	9.476	2.803E-09												
1057				66.175	13.235	7.638E-09	11.908	2.382	4.450E-11												
1058				23.574	4.715	3.453E-10	15.380	3.076	9.588E-11												
1059				48.003	9.601	2.915E-09	8.856	1.771	1.831E-11												
1060				31.239	6.248	8.035E-10	18.261	3.652	1.605E-10												
1061				32.899	6.580	9.385E-10	-26.306	0.000	0.000E+00												
1062				45.716	9.143	2.518E-09	27.731	5.546	5.620E-10												
1063				47.104	9.421	2.755E-09	11.523	2.305	4.032E-11												
1064				36.043	7.209	1.234E-09	48.175	9.635	2.947E-09												
1065				38.449	7.690	1.498E-09	17.899	3.580	1.512E-10												
1066				22.752	4.550	3.104E-10	18.103	3.621	1.564E-10												
1067				14.625	2.925	8.245E-11	43.826	8.765	2.219E-09												
1068				38.492	7.698	1.503E-09	8.919	1.784	1.870E-11												
1069				20.874	4.175	2.397E-10	37.780	7.556	1.421E-09												
1070				32.506	6.501	9.053E-10															

[illegible]

Flyover 3 - Span 7 (34.40 m) - IG-05
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4			Day 5			Day 6			Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage
Max.	51.521	4.506E-07	Max.	54.739	5.404E-07	Max.	33.658	1.256E-07	Max.	26.205	5.928E-08	Max.	46.878	3.394E-07	Max.	24.999	5.147E-08	Max.	33.698	1.261E-07
Cum.	-	1.520E-06	Cum.	-	1.804E-06	Cum.	-	1.289E-06	Cum.	-	1.830E-06	Cum.	-	1.113E-06	Cum.	-	9.405E-07	Cum.	-	1.553E-06

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
1	14.268	2.854	7.655E-11	7.275	1.455	1.015E-11	17.499	3.500	1.412E-10	47.500	9.500	2.825E-09	5.202	1.040	3.711E-12	33.906	6.781	1.027E-09	-4.005	0.000	0.000E+00
2	38.667	7.733	1.524E-09	4.342	0.868	2.158E-12	3.763	0.753	1.404E-12	21.162	4.232	2.498E-10	64.249	12.850	6.990E-09	51.418	10.284	3.583E-09	28.526	5.705	6.118E-10
3	20.338	4.068	2.217E-10	31.652	6.330	8.358E-10	19.902	3.980	2.078E-10	15.421	3.084	9.666E-11	106.073	21.215	3.146E-08	3.540	0.708	1.169E-12	5.898	1.180	5.409E-12
4	6.388	1.278	6.869E-12	11.747	2.349	4.272E-11	5.489	1.098	4.358E-12	37.907	7.581	1.436E-09	3.361	0.672	1.001E-12	44.697	8.939	2.354E-09	16.412	3.282	1.165E-10
5	14.811	2.962	8.563E-11	24.318	4.864	3.790E-10	11.701	2.340	4.222E-11	6.977	1.395	8.951E-12	5.761	1.152	5.040E-12	23.779	4.756	3.544E-10	24.072	4.814	3.676E-10
6	38.611	7.722	1.517E-09	7.963	1.593	1.331E-11	11.837	2.367	4.371E-11	20.221	4.044	2.179E-10	59.146	11.829	5.453E-09	6.593	1.319	7.553E-12	33.422	6.684	9.840E-10
7	10.453	2.091	3.011E-11	4.708	0.942	2.750E-12	6.689	1.338	7.889E-12	3.658	0.732	1.290E-12	39.778	7.956	1.659E-09	18.892	3.778	1.777E-10	25.794	5.159	4.523E-10
8	17.611	3.522	1.440E-10	20.807	4.161	2.374E-10	25.389	5.078	4.313E-10	7.815	1.563	1.258E-11	80.840	16.168	1.392E-08	30.493	6.099	7.473E-10	7.819	1.564	1.260E-11
9	5.873	1.175	5.339E-12	14.823	2.965	8.585E-11	16.815	3.363	1.253E-10	5.138	1.028	3.576E-12	6.232	1.246	6.380E-12	8.872	1.774	1.841E-11	21.832	4.366	2.743E-10
10	20.264	4.053	2.193E-10	8.621	1.724	1.689E-11	14.239	2.848	7.608E-11	35.396	7.079	1.169E-09	95.222	19.044	2.276E-08	28.118	5.624	5.859E-10	7.501	1.500	1.112E-11
11	7.176	1.435	9.739E-12	7.994	1.599	1.346E-11	15.714	3.143	1.023E-10	19.838	3.968	2.058E-10	76.491	15.298	1.180E-08	9.025	1.805	1.937E-11	30.983	6.197	7.839E-10
12	10.444	2.089	3.003E-11	7.729	1.546	1.217E-11	43.300	8.660	2.140E-09	14.615	2.923	8.229E-11	39.007	7.801	1.564E-09	15.539	3.108	9.888E-11	27.115	5.423	5.254E-10
13	7.589	1.518	1.152E-11	11.412	2.282	3.917E-11	5.604	1.121	4.639E-12	14.100	2.820	7.389E-11	7.263	1.453	1.010E-11	6.222	1.244	6.348E-12	4.399	0.880	2.244E-12
14	3.411	0.682	1.046E-12	23.513	4.703	3.426E-10	8.248	1.650	1.479E-11	-29.058	0.000	0.000E+00	4.425	0.885	2.284E-12	14.521	2.904	8.069E-11	8.150	1.630	1.427E-11
15	17.861	3.572	1.502E-10	32.290	6.458	8.873E-10	8.846	1.769	1.825E-11	21.754	4.351	2.713E-10	94.097	18.819	2.196E-08	19.764	3.953	2.035E-10	58.305	11.661	5.224E-09
16	31.010	6.202	7.860E-10	8.966	1.793	1.900E-11	5.537	1.107	4.475E-12	9.618	1.924	2.345E-11	4.150	0.830	1.883E-12	12.448	2.490	5.084E-11	30.810	6.162	7.708E-10
17	-6.129	0.000	0.000E+00	-3.499	0.000	0.000E+00	61.797	12.359	6.220E-09	10.620	2.124	3.157E-11	5.944	1.189	5.535E-12	5.961	1.192	5.583E-12	52.591	10.518	3.834E-09
18	1.554	0.311	9.892E-14	18.656	3.731	1.711E-10	8.622	1.724	1.689E-11	34.874	6.975	1.118E-09	26.832	5.366	5.091E-10	4.748	0.950	2.820E-12	14.732	2.946	8.426E-11
19	30.310	6.062	7.339E-10	5.624	1.125	4.688E-12	-4.156	0.000	0.000E+00	17.429	3.486	1.395E-10	33.490	6.698	9.900E-10	7.810	1.562	1.256E-11	6.549	1.310	7.403E-12
20	19.592	3.918	1.982E-10	12.807	2.561	5.536E-11	29.091	5.818	6.489E-10	23.617	4.723	3.472E-10	22.669	4.534	3.071E-10	17.455	3.491	1.402E-10	12.138	2.428	4.713E-11
21	10.400	2.080	2.965E-11	3.585	0.717	1.214E-12	7.623	1.525	1.167E-11	-5.326	0.000	0.000E+00	21.836	4.367	2.744E-10	15.426	3.085	9.674E-11	24.643	4.929	3.944E-10
22	10.753	2.151	3.277E-11	85.666	17.133	1.657E-08	7.279	1.456	1.017E-11	12.307	2.461	4.913E-11	25.465	5.093	4.352E-10	5.144	1.029	3.588E-12	7.833	1.567	1.267E-11
23	64.447	12.889	7.055E-09	1.817	0.363	1.581E-13	12.146	2.429	4.722E-11	30.443	6.089	7.436E-10	5.465	1.093	4.301E-12	27.387	5.477	5.414E-10	14.049	2.810	7.308E-11
24	14.427	2.885	7.914E-11	9.462	1.892	2.233E-11	31.219	6.244	8.019E-10	15.041	3.008	8.968E-11	16.654	3.331	1.218E-10	29.758	5.952	6.945E-10	9.700	1.940	2.406E-11
25	30.040	6.008	7.145E-10	26.105	5.221	4.689E-10	-5.802	0.000	0.000E+00	35.087	7.017	1.138E-09	33.486	6.697	9.896E-10	6.907	1.381	8.683E-12	18.374	3.675	1.635E-10
26	17.301	3.460	1.365E-10	-4.210	0.000	0.000E+00	9.364	1.873	2.164E-11	16.938	3.388	1.281E-10	17.778	3.556	1.481E-10	62.679	12.536	6.490E-09	6.978	1.396	8.955E-12
27	33.471	6.694	9.884E-10	6.076	1.215	5.911E-12	7.394	1.479	1.066E-11	15.639	3.128	1.008E-10	10.247	2.049	2.836E-11	23.558	4.712	3.446E-10	5.811	1.162	5.171E-12
28	31.455	6.291	8.203E-10	33.564	6.713	9.966E-10	22.637	4.527	3.057E-10	10.582	2.116	3.123E-11	9.655	1.931	2.372E-11	4.182	0.836	1.928E-12	13.602	2.720	6.633E-11
29	5.605	1.121	4.641E-12	11.336	2.267	3.839E-11	28.288	5.658	5.966E-10	32.818	6.564	9.316E-10	4.674	0.935	2.691E-12	20.827	4.165	2.381E-10	9.909	1.982	2.564E-11
30	29.815	5.963	6.986E-10	8.849	1.770	1.826E-11	9.189	1.838	2.045E-11	30.013	6.003	7.126E-10	23.559	4.712	3.446E-10	6.514	1.303	7.286E-12	21.967	4.393	2.794E-10
31	6.006	1.201	5.711E-12	27.785	5.557	5.654E-10	11.218	2.244	3.721E-11	-4.169	0.000	0.000E+00	44.419	8.884	2.310E-09	16.602	3.320	1.206E-10	39.978	7.996	1.684E-09
32	12.217	2.443	4.806E-11	19.262	3.852	1.884E-10	28.371	5.674	6.019E-10	7.339	1.468	1.042E-11	6.014	1.203	5.733E-12	8.887	1.777	1.850E-11	30.654	6.131	7.592E-10
33	14.969	2.994	8.840E-11	1.822	0.364	1.594E-13	18.494	3.699	1.667E-10	-4.812	0.000	0.000E+00	21.035	4.207	2.453E-10	10.043	2.009	2.670E-11	29.523	5.905	6.782E-10
34	37.861	7.572	1.430E-09	34.099	6.820	1.045E-09	3.694	0.739	1.329E-12	27.334	5.467	5.383E-10	10.062	2.012	2.685E-11	5.334	1.067	4.001E-12	9.971	1.994	2.613E-11
35	28.334	5.667	5.995E-10	9.492	1.898	2.254E-11	20.501	4.100	2.271E-10	12.052	2.410	4.613E-11	6.886	1.377	8.606E-12	3.186	0.637	8.521E-13	27.436	5.487	5.443E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
36	14.976	2.995	8.853E-11	-3.980	0.000	0.000E+00	31.066	6.213	7.902E-10	12.632	2.526	5.312E-11	25.501	5.100	4.371E-10	4.464	0.893	2.344E-12	27.875	5.575	5.708E-10
37	32.789	6.558	9.291E-10	273.694	54.739	5.404E-07	17.444	3.489	1.399E-10	8.946	1.789	1.887E-11	4.488	0.898	2.383E-12	12.084	2.417	4.651E-11	12.543	2.509	5.201E-11
38	4.266	0.853	2.047E-12	14.559	2.912	8.134E-11	2.143	0.429	2.595E-13	-3.225	0.000	0.000E+00	41.545	8.309	1.890E-09	4.510	0.902	2.418E-12	13.676	2.735	6.742E-11
39	34.278	6.856	1.062E-09	17.783	3.557	1.482E-10	9.468	1.894	2.237E-11	100.825	20.165	2.701E-08	12.701	2.540	5.400E-11	9.914	1.983	2.568E-11	4.833	0.967	2.975E-12
40	9.267	1.853	2.098E-11	7.424	1.485	1.078E-11	12.580	2.516	5.247E-11	17.355	3.471	1.378E-10	42.646	8.529	2.044E-09	6.357	1.271	6.770E-12	33.626	6.725	1.002E-09
41	5.043	1.009	3.381E-12	10.830	2.166	3.348E-11	30.341	6.068	7.362E-10	25.714	5.143	4.481E-10	9.275	1.855	2.103E-11	4.541	0.908	2.469E-12	13.577	2.715	6.596E-11
42	62.396	12.479	6.403E-09	73.237	14.647	1.035E-08	5.356	1.071	4.050E-12	18.040	3.608	1.547E-10	14.338	2.868	7.769E-11	11.923	2.385	4.467E-11	27.123	5.425	5.259E-10
43	6.328	1.266	6.678E-12	17.548	3.510	1.424E-10	-6.675	0.000	0.000E+00	8.350	1.670	1.534E-11	4.034	0.807	1.730E-12	6.791	1.358	8.256E-12	10.730	2.146	3.256E-11
44	11.619	2.324	4.134E-11	9.521	1.904	2.275E-11	7.404	1.481	1.070E-11	21.471	4.294	2.609E-10	30.069	6.014	7.165E-10	10.096	2.019	2.712E-11	6.440	1.288	7.039E-12
45	16.644	3.329	1.215E-10	14.110	2.822	7.404E-11	6.396	1.279	6.896E-12	32.148	6.430	8.757E-10	47.726	9.545	2.865E-09	8.736	1.747	1.757E-11	4.569	0.914	2.514E-12
46	10.061	2.012	2.684E-11	5.514	1.103	4.418E-12	3.039	0.608	7.398E-13	44.077	8.815	2.257E-09	6.011	1.202	5.724E-12	19.494	3.899	1.952E-10	16.737	3.347	1.236E-10
47	6.932	1.386	8.781E-12	18.266	3.653	1.606E-10	118.121	23.624	4.344E-08	22.621	4.524	3.051E-10	90.938	18.188	1.982E-08	32.947	6.589	9.426E-10	72.284	14.457	9.954E-09
48	32.528	6.506	9.071E-10	9.690	1.938	2.398E-11	22.439	4.488	2.978E-10	9.835	1.967	2.507E-11	20.257	4.051	2.191E-10	12.914	2.583	5.677E-11	96.420	19.284	2.363E-08
49	15.625	3.125	1.005E-10	10.092	2.018	2.709E-11	7.410	1.482	1.073E-11	15.483	3.097	9.783E-11	23.356	4.671	3.358E-10	10.130	2.026	2.740E-11	3.639	0.728	1.270E-12
50	12.496	2.499	5.143E-11	12.154	2.431	4.732E-11	16.106	3.221	1.101E-10	30.788	6.158	7.692E-10	9.259	1.852	2.092E-11	13.116	2.623	5.947E-11	8.951	1.790	1.890E-11
51	55.884	11.177	4.600E-09	3.006	0.601	7.159E-13	11.491	2.298	3.999E-11	4.530	0.906	2.451E-12	14.027	2.805	7.274E-11	19.044	3.809	1.820E-10	29.956	5.991	7.085E-10
52	15.732	3.146	1.026E-10	7.230	1.446	9.963E-12	11.011	2.202	3.518E-11	13.630	2.726	6.673E-11	13.295	2.659	6.194E-11	12.331	2.466	4.942E-11	29.515	5.903	6.777E-10
53	4.015	0.803	1.706E-12	39.145	7.829	1.581E-09	28.813	5.763	6.304E-10	7.273	1.455	1.014E-11	37.222	7.444	1.359E-09	26.748	5.350	5.044E-10	6.742	1.348	8.078E-12
54	9.828	1.966	2.502E-11	6.622	1.324	7.654E-12	9.546	1.909	2.292E-11	19.407	3.881	1.927E-10	11.826	2.365	4.359E-11	13.397	2.679	6.338E-11	8.637	1.727	1.698E-11
55	6.154	1.231	6.142E-12	27.712	5.542	5.609E-10	8.193	1.639	1.450E-11	14.583	2.917	8.174E-11	12.074	2.415	4.639E-11	71.475	14.295	9.624E-09	17.511	3.502	1.415E-10
56	9.146	1.829	2.017E-11	4.779	0.956	2.876E-12	89.133	17.827	1.866E-08	3.779	0.756	1.423E-12	12.419	2.484	5.048E-11	14.124	2.825	7.425E-11	74.118	14.824	1.073E-08
57	26.503	5.301	4.907E-10	10.443	2.089	3.002E-11	31.911	6.382	8.564E-10	15.505	3.101	9.825E-11	15.102	3.020	9.077E-11	-15.712	0.000	0.000E+00	19.961	3.992	2.096E-10
58	2.852	0.570	6.114E-13	20.783	4.157	2.366E-10	12.939	2.588	5.709E-11	23.572	4.714	3.452E-10	4.046	0.809	1.746E-12	4.504	0.901	2.408E-12	5.559	1.112	4.527E-12
59	3.504	0.701	1.133E-12	5.872	1.174	5.337E-12	8.037	1.607	1.368E-11	26.297	5.259	4.793E-10	12.207	2.441	4.795E-11	2.981	0.596	6.983E-13	6.392	1.278	6.882E-12
60	10.285	2.057	2.867E-11	22.463	4.493	2.987E-10	56.118	11.224	4.658E-09	8.696	1.739	1.733E-11	11.380	2.276	3.885E-11	48.967	9.793	3.095E-09	-24.327	0.000	0.000E+00
61	30.907	6.181	7.781E-10	10.259	2.052	2.846E-11	5.005	1.001	3.304E-12	4.999	1.000	3.292E-12	8.500	1.700	1.619E-11	8.522	1.704	1.632E-11	26.324	5.265	4.808E-10
62	5.564	1.113	4.541E-12	16.560	3.312	1.197E-10	7.590	1.518	1.153E-11	9.653	1.931	2.371E-11	-7.018	0.000	0.000E+00	17.421	3.484	1.394E-10	20.685	4.137	2.333E-10
63	26.353	5.271	4.824E-10	26.412	5.282	4.856E-10	9.551	1.910	2.296E-11	-24.875	0.000	0.000E+00	-3.611	0.000	0.000E+00	18.463	3.693	1.659E-10	17.488	3.498	1.410E-10
64	15.097	3.019	9.068E-11	-2.219	0.000	0.000E+00	8.933	1.787	1.879E-11	5.467	1.093	4.307E-12	5.487	1.097	4.354E-12	22.248	4.450	2.903E-10	16.542	3.308	1.193E-10
65	12.880	2.576	5.632E-11	4.492	0.898	2.389E-12	9.226	1.845	2.070E-11	6.763	1.353	8.153E-12	30.276	6.055	7.315E-10	8.398	1.680	1.561E-11	2.838	0.568	6.026E-13
66	14.927	2.985	8.767E-11	31.645	6.329	8.353E-10	68.726	13.745	8.556E-09	116.188	23.238	4.134E-08	39.254	7.851	1.594E-09	17.054	3.411	1.307E-10	9.026	1.805	1.938E-11
67	30.737	6.147	7.654E-10	-27.831	0.000	0.000E+00	5.060	1.012	3.414E-12	120.640	24.128	4.628E-08	6.150	1.230	6.132E-12	12.163	2.433	4.743E-11	10.181	2.036	2.781E-11
68	18.191	3.638	1.587E-10	-3.278	0.000	0.000E+00	10.783	2.157	3.304E-11	39.710	7.942	1.650E-09	21.939	4.388	2.783E-10	13.750	2.750	6.852E-11	49.408	9.882	3.179E-09
69	29.644	5.929	6.866E-10	10.380	2.076	2.948E-11	-2.759	0.000	0.000E+00	39.727	7.945	1.653E-09	50.104	10.021	3.315E-09	5.037	1.007	3.369E-12	9.236	1.847	2.077E-11
70	3.397	0.679	1.033E-12	2.122	0.424	2.517E-13	35.069	7.014	1.137E-09	11.400	2.280	3.905E-11	10.368	2.074	2.937E-11	14.962	2.992	8.828E-11	35.754	7.151	1.205E-09
71	7.879	1.576	1.289E-11	99.992	19.998	2.635E-08	15.646	3.129	1.009E-10	19.812	3.962	2.049E-10	25.794	5.159	4.523E-10	31.156	6.231	7.971E-10	18.514	3.703	1.673E-10
72	43.552	8.710	2.177E-09	2.218	0.444	2.877E-13	47.892	9.578	2.895E-09	4.392	0.878	2.232E-12	13.348	2.670	6.267E-11	48.773	9.755	3.058E-09	1.825	0.365	1.602E-13
73	10.917	2.183	3.429E-11	9.745	1.949	2.439E-11	22.553	4.511	3.023E-10	6.708	1.342	7.956E-12	16.328	3.266	1.147E-10	24.121	4.824	3.699E-10	28.563	5.713	6.142E-10
74	53.303	10.661	3.992E-09	13.307	2.661	6.210E-11	13.680	2.736	6.748E-11	24.603	4.921	3.925E-10	45.635	9.127	2.505E-09	45.880	9.176	2.545E-09	136.462	27.292	6.698E-08
75	5.338	1.068	4.009E-12	11.382	2.276	3.887E-11	28.275	5.655	5.958E-10	10.276	2.055	2.860E-11	18.006	3.601	1.539E-10	8.582	1.716	1.666E-11	11.264	2.253	3.767E-11
76	9.356	1.871	2.159E-11	19.663	3.933	2.004E-10	8.749	1.750	1.765E-11	45.377	9.075	2.463E-09	44.457	8.891	2.316E-09	13.764	2.753	6.873E-11	31.781	6.356	8.460E-10
77	8.320	1.664	1.518E-11	12.028	2.406	4.586E-11	7.657	1.531	1.183E-11	9.885	1.977	2.545E-11	11.034	2.207	3.540E-11	47.110	9.422	2.756E-09	28.382	5.676	6.142E-10
78	52.104	10.421	3.728E-09	28.870	5.774	6.342E-10	2.460	0.492	3.922E-13	-34.187	0.000	0.000E+00	22.259	4.452	2.907E-10	32.398	6.480	8.963E-10	10.586	2.117	3.127E-11
79	16.222	3.244	1.125E-10	4.048	0.810	1.748E-12	28.461	5.692	6.077E-10	11.296	2.259	3.799E-11	53.367	10.673	4.006E-09	20.105	4.021	2.142E-10	8.470	1.694	1.602E-11
80	2.924	0.585	6.589E-13	103.077	20.615	2.887E-08	44.213	8.843	2.278E-09	5.595	1.119	4.617E-12	38.863	7.773	1.547E-09	6.043	1.209	5.815E-12	3.071	0.614	7.637E-13

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
81	3.943	0.789	1.616E-12	8.913	1.783	1.866E-11	7.549	1.510	1.134E-11	99.645	19.929	2.608E-08	15.959	3.192	1.071E-10	-5.433	0.000	0.000E+00	-25.793	0.000	0.000E+00
82	2.642	0.528	4.860E-13	32.300	6.460	8.882E-10	47.361	9.472	2.800E-09	12.280	2.456	4.881E-11	17.203	3.441	1.342E-10	15.003	3.001	8.901E-11	4.467	0.893	2.350E-12
83	7.696	1.539	1.201E-11	12.027	2.405	4.585E-11	26.285	5.257	4.786E-10	7.768	1.554	1.235E-11	27.531	5.506	5.500E-10	8.068	1.614	1.384E-11	-4.685	0.000	0.000E+00
84	3.164	0.633	8.350E-13	27.641	5.528	5.566E-10	21.911	4.382	2.772E-10	28.888	5.778	6.354E-10	6.882	1.376	8.590E-12	7.358	1.472	1.050E-11	-31.676	0.000	0.000E+00
85	10.969	2.194	3.478E-11	9.448	1.890	2.223E-11	25.778	5.156	4.515E-10	8.053	1.611	1.377E-11	5.643	1.129	4.737E-12	31.357	6.271	8.126E-10	9.823	1.965	2.498E-11
86	22.462	4.492	2.987E-10	9.491	1.898	2.253E-11	4.445	0.889	2.314E-12	6.868	1.374	8.540E-12	5.927	1.185	5.486E-12	9.128	1.826	2.005E-11	14.819	2.964	8.578E-11
87	10.053	2.011	2.678E-11	1.486	0.297	8.642E-14	4.255	0.851	2.030E-12	5.076	1.015	3.448E-12	10.675	2.135	3.206E-11	14.500	2.900	8.035E-11	121.910	24.382	4.775E-08
88	5.981	1.196	5.640E-12	7.545	1.509	1.132E-11	10.473	2.095	3.028E-11	25.916	5.183	4.588E-10	42.881	8.576	2.078E-09	8.801	1.760	1.797E-11	8.253	1.651	1.482E-11
89	4.864	0.973	3.032E-12	15.755	3.151	1.031E-10	20.257	4.051	2.191E-10	13.867	2.773	7.028E-11	20.793	4.159	2.369E-10	38.893	7.779	1.551E-09	33.039	6.608	9.506E-10
90	16.457	3.291	1.175E-10	47.654	9.531	2.852E-09	32.678	6.536	9.197E-10	11.679	2.336	4.199E-11	7.900	1.580	1.300E-11	13.541	2.708	6.544E-11	10.865	2.173	3.381E-11
91	28.032	5.606	5.805E-10	14.080	2.816	7.357E-11	44.486	8.897	2.320E-09	13.724	2.745	6.812E-11	12.594	2.519	5.265E-11	37.776	7.555	1.421E-09	47.481	9.496	2.821E-09
92	42.887	8.577	2.079E-09	2.229	0.446	2.918E-13	9.102	1.820	1.987E-11	14.274	2.855	7.666E-11	17.320	3.464	1.369E-10	7.664	1.533	1.186E-11	24.963	4.993	4.100E-10
93	29.637	5.927	6.861E-10	42.804	8.561	2.067E-09	17.596	3.519	1.436E-10	9.172	1.834	2.034E-11	27.798	5.560	5.661E-10	29.543	5.909	6.796E-10	20.636	4.127	2.316E-10
94	47.929	9.586	2.902E-09	17.863	3.573	1.502E-10	66.408	13.282	7.719E-09	5.230	1.046	3.770E-12	26.834	5.367	5.093E-10	34.945	6.989	1.125E-09	50.078	10.016	3.310E-09
95	8.513	1.703	1.626E-11	18.505	3.701	1.670E-10	25.859	5.172	4.557E-10	27.944	5.589	5.751E-10	28.656	5.731	6.202E-10	20.378	4.076	2.230E-10	30.270	6.054	7.310E-10
96	16.692	3.338	1.226E-10	6.860	1.372	8.508E-12	122.196	24.439	4.809E-08	-5.299	0.000	0.000E+00	43.980	8.796	2.242E-09	31.362	6.272	8.130E-10	20.940	4.188	2.402E-10
97	4.005	0.801	1.693E-12	47.888	9.578	2.895E-09	7.211	1.442	9.884E-12	43.670	8.734	2.195E-09	8.573	1.715	1.661E-11	35.194	7.039	1.149E-09	13.834	2.767	6.978E-11
98	51.382	10.276	3.575E-09	42.753	8.551	2.060E-09	10.886	2.177	3.400E-11	-23.228	0.000	0.000E+00	18.071	3.614	1.555E-10	6.845	1.369	8.455E-12	24.677	4.935	3.961E-10
99	12.642	2.528	5.326E-11	4.515	0.903	2.426E-12	10.473	2.095	3.027E-11	8.040	1.608	1.370E-11	26.806	5.361	5.077E-10	6.822	1.364	8.367E-12	36.335	7.267	1.264E-09
100	-5.144	0.000	0.000E+00	30.435	6.087	7.430E-10	7.962	1.592	1.330E-11	7.843	1.569	1.272E-11	8.425	1.685	1.576E-11	5.549	1.110	4.504E-12	7.686	1.537	1.197E-11
101	13.176	2.635	6.029E-11	22.726	4.545	3.094E-10	31.000	6.200	7.852E-10	32.224	6.445	8.819E-10	48.058	9.612	2.925E-09	87.639	17.528	1.774E-08	49.809	9.962	3.257E-09
102	12.659	2.532	5.346E-11	26.437	5.287	4.870E-10	4.505	0.901	2.410E-12	86.376	17.275	1.699E-08	23.314	4.663	3.340E-10	12.131	2.426	4.706E-11	-40.928	0.000	0.000E+00
103	4.250	0.850	2.023E-12	15.126	3.025	9.121E-11	27.930	5.586	5.743E-10	7.188	1.438	9.790E-12	49.461	9.892	3.189E-09	-0.992	0.000	0.000E+00	13.535	2.707	6.535E-11
104	35.496	7.099	1.179E-09	1.825	0.365	1.602E-13	19.681	3.936	2.009E-10	18.196	3.639	1.588E-10	9.602	1.920	2.333E-11	6.283	1.257	6.536E-12	3.625	0.725	1.256E-12
105	84.410	16.882	1.585E-08	5.171	1.034	3.645E-12	10.998	2.200	3.506E-11	29.577	5.915	6.819E-10	48.556	9.711	3.017E-09	7.797	1.559	1.249E-11	32.398	6.480	8.963E-10
106	24.449	4.890	3.852E-10	7.778	1.556	1.240E-11	91.722	18.344	2.034E-08	7.943	1.589	1.321E-11	6.663	1.333	7.796E-12	10.588	2.118	3.128E-11	42.682	8.536	2.049E-09
107	17.742	3.548	1.472E-10	20.210	4.042	2.176E-10	5.131	1.026	3.560E-12	11.800	2.360	4.331E-11	20.748	4.150	2.354E-10	55.769	11.154	4.572E-09	15.852	3.170	1.050E-10
108	9.329	1.866	2.140E-11	2.546	0.509	4.348E-13	26.851	5.370	5.102E-10	25.725	5.145	4.487E-10	43.024	8.605	2.099E-09	13.781	2.756	6.898E-11	22.922	4.584	3.174E-10
109	6.810	1.362	8.323E-12	61.959	12.392	6.269E-09	3.576	0.715	1.205E-12	10.662	2.132	3.194E-11	13.866	2.773	7.027E-11	31.828	6.366	8.498E-10	36.403	7.281	1.271E-09
110	28.921	5.784	6.376E-10	29.362	5.872	6.672E-10	13.084	2.617	5.903E-11	5.967	1.193	5.600E-12	11.771	2.354	4.299E-11	-10.930	0.000	0.000E+00	17.949	3.590	1.524E-10
111	5.660	1.132	4.780E-12	5.758	1.152	5.032E-12	3.770	0.754	1.412E-12	32.851	6.570	9.344E-10	9.527	1.905	2.279E-11	-10.480	0.000	0.000E+00	90.822	18.164	1.975E-08
112	17.573	3.515	1.430E-10	18.323	3.665	1.621E-10	-7.293	0.000	0.000E+00	5.156	1.031	3.613E-12	19.731	3.946	2.024E-10	23.047	4.609	3.227E-10	116.127	23.225	4.128E-08
113	30.526	6.105	7.497E-10	54.560	10.912	4.281E-09	15.055	3.011	8.993E-11	7.938	1.588	1.318E-11	30.384	6.077	7.393E-10	39.172	7.834	1.584E-09	-6.850	0.000	0.000E+00
114	9.329	1.866	2.140E-11	46.234	9.247	2.605E-09	5.366	1.073	4.073E-12	29.802	5.960	6.976E-10	46.336	9.267	2.622E-09	6.323	1.265	6.663E-12	9.561	1.912	2.304E-11
115	29.401	5.880	6.698E-10	10.980	2.196	3.489E-11	28.492	5.698	6.096E-10	24.400	4.880	3.829E-10	30.163	6.033	7.233E-10	17.963	3.593	1.528E-10	3.740	0.748	1.379E-12
116	4.471	0.894	2.355E-12	9.478	1.896	2.244E-11	3.600	0.720	1.230E-12	35.922	7.184	1.222E-09	5.798	1.160	5.138E-12	47.974	9.595	2.910E-09	5.323	1.065	3.975E-12
117	28.184	5.637	5.901E-10	44.636	8.927	2.344E-09	-6.073	0.000	0.000E+00	5.707	1.141	4.899E-12	12.203	2.441	4.789E-11	108.782	21.756	3.393E-08	60.221	12.044	5.756E-09
118	6.602	1.320	7.585E-12	6.469	1.294	7.135E-12	5.674	1.135	4.814E-12	20.591	4.118	2.301E-10	9.959	1.992	2.603E-11	23.291	4.658	3.330E-10	6.652	1.330	7.759E-12
119	10.452	2.090	3.009E-11	-15.276	0.000	0.000E+00	20.150	4.030	2.156E-10	38.222	7.644	1.472E-09	52.557	10.511	3.826E-09	51.957	10.391	3.697E-09	33.829	6.766	1.020E-09
120	50.701	10.140	3.435E-09	9.225	1.845	2.069E-11	6.771	1.354	8.183E-12	53.015	10.603	3.927E-09	8.760	1.752	1.772E-11	6.038	1.208	5.802E-12	23.438	4.688	3.394E-10
121	6.359	1.272	6.777E-12	9.861	1.972	2.527E-11	5.479	1.096	4.335E-12	-5.947	0.000	0.000E+00	51.913	10.383	3.687E-09	11.423	2.285	3.929E-11	2.645	0.529	4.877E-13
122	9.818	1.964	2.494E-11	10.033	2.007	2.662E-11	33.991	6.798	1.035E-09	18.084	3.617	1.559E-10	6.814	1.363	8.339E-12	3.825	0.765	1.475E-12	9.575	1.915	2.314E-11
123	11.430	2.286	3.936E-11	17.550	3.510	1.425E-10	51.063	10.213	3.509E-09	42.262	8.452	1.989E-09	26.364	5.273	4.830E-10	13.966	2.793	7.180E-11	44.139	8.828	2.266E-09
124	12.584	2.517	5.252E-11	34.298	6.860	1.063E-09	5.383	1.077	4.112E-12	8.651	1.730	1.707E-11	-6.488	0.000	0.000E+00	59.365	11.873	5.514E-09	-6.948	0.000	0.000E+00
125	-5.487	0.000	0.000E+00	49.105	9.821	3.121E-09	21.729	4.346	2.704E-10	5.713	1.143	4.914E-12	46.624	9.325	2.671E-09	5.566	1.113	4.546E-12	43.448	8.690	2.162E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
126	15.445	3.089	9.711E-11	4.625	0.925	2.608E-12	-26.130	0.000	0.000E+00	33.322	6.664	9.752E-10	44.953	8.991	2.394E-09	6.463	1.293	7.114E-12	23.885	4.777	3.591E-10
127	7.582	1.516	1.149E-11	10.380	2.076	2.948E-11	51.790	10.358	3.661E-09	17.359	3.472	1.379E-10	19.678	3.936	2.008E-10	42.455	8.491	2.017E-09	7.075	1.415	9.334E-12
128	11.531	2.306	4.042E-11	5.001	1.000	3.296E-12	5.009	1.002	3.313E-12	16.405	3.281	1.164E-10	16.120	3.224	1.104E-10	33.378	6.676	9.801E-10	48.416	9.683	2.991E-09
129	22.878	4.576	3.156E-10	37.032	7.406	1.339E-09	11.643	2.329	4.160E-11	10.134	2.027	2.743E-11	52.022	10.404	3.711E-09	19.496	3.899	1.953E-10	6.999	1.400	9.038E-12
130	45.528	9.106	2.487E-09	27.693	5.539	5.598E-10	37.067	7.413	1.342E-09	40.262	8.052	1.720E-09	49.862	9.972	3.267E-09	18.878	3.776	1.773E-10	37.675	7.535	1.410E-09
131	48.215	9.643	2.954E-09	6.954	1.391	8.863E-12	9.021	1.804	1.935E-11	17.268	3.454	1.357E-10	4.832	0.966	2.973E-12	8.071	1.614	1.386E-11	98.691	19.738	2.533E-08
132	41.642	8.328	1.903E-09	51.341	10.268	3.567E-09	8.022	1.604	1.360E-11	5.846	1.169	5.266E-12	-6.867	0.000	0.000E+00	55.569	11.114	4.523E-09	5.282	1.056	3.885E-12
133	36.811	7.362	1.315E-09	11.697	2.339	4.218E-11	24.137	4.827	3.706E-10	6.669	1.334	7.817E-12	5.599	1.120	4.626E-12	3.661	0.732	1.293E-12	31.469	6.294	8.214E-10
134	-4.989	0.000	0.000E+00	46.604	9.321	2.668E-09	8.831	1.766	1.815E-11	87.772	17.554	1.782E-08	7.408	1.482	1.072E-11	9.838	1.968	2.509E-11	2.826	0.565	5.951E-13
135	14.233	2.847	7.599E-11	83.853	16.771	1.554E-08	21.690	4.338	2.690E-10	33.704	6.741	1.009E-09	10.432	2.086	2.992E-11	5.563	1.113	4.538E-12	9.071	1.814	1.967E-11
136	13.242	2.648	6.120E-11	15.014	3.003	8.921E-11	10.315	2.063	2.893E-11	35.054	7.011	1.135E-09	21.035	4.207	2.453E-10	8.529	1.706	1.635E-11	9.180	1.836	2.039E-11
137	39.952	7.990	1.681E-09	5.560	1.112	4.531E-12	7.947	1.589	1.323E-11	3.546	0.709	1.175E-12	4.547	0.909	2.479E-12	45.769	9.154	2.527E-09	6.379	1.276	6.842E-12
138	35.384	7.077	1.168E-09	6.170	1.234	6.190E-12	28.806	5.761	6.300E-10	36.274	7.255	1.258E-09	10.346	2.069	2.919E-11	50.965	10.193	3.489E-09	8.646	1.729	1.704E-11
139	40.210	8.042	1.714E-09	35.239	7.048	1.153E-09	15.053	3.011	8.990E-11	26.330	5.266	4.811E-10	10.127	2.025	2.738E-11	62.304	12.461	6.374E-09	50.491	10.098	3.392E-09
140	16.889	3.378	1.270E-10	-6.528	0.000	0.000E+00	16.363	3.273	1.155E-10	7.007	1.401	9.067E-12	15.632	3.126	1.007E-10	47.862	9.572	2.890E-09	4.778	0.956	2.876E-12
141	48.550	9.710	3.016E-09	5.207	1.041	3.720E-12	3.801	0.760	1.447E-12	8.019	1.604	1.359E-11	48.472	9.694	3.002E-09	9.798	1.960	2.479E-11	35.984	7.197	1.228E-09
142	-2.375	0.000	0.000E+00	7.755	1.551	1.229E-11	8.811	1.762	1.803E-11	51.486	10.297	3.597E-09	33.752	6.750	1.013E-09	5.498	1.100	4.381E-12	14.496	2.899	8.029E-11
143	15.973	3.195	1.074E-10	33.643	6.729	1.004E-09	45.011	9.002	2.403E-09	12.108	2.422	4.678E-11	7.012	1.402	9.085E-12	-7.550	0.000	0.000E+00	4.320	0.864	2.126E-12
144	76.216	15.243	1.167E-08	9.291	1.858	2.114E-11	-19.049	0.000	0.000E+00	10.299	2.060	2.879E-11	8.530	1.706	1.636E-11	15.463	3.093	9.744E-11	17.055	3.411	1.307E-10
145	33.438	6.688	9.854E-10	13.188	2.638	6.046E-11	16.672	3.334	1.221E-10	37.937	7.587	1.439E-09	4.948	0.990	3.194E-12	53.009	10.602	3.926E-09	4.538	0.908	2.463E-12
146	12.257	2.451	4.853E-11	18.098	3.620	1.562E-10	6.208	1.242	6.306E-12	16.894	3.379	1.271E-10	7.373	1.475	1.057E-11	8.442	1.688	1.586E-11	41.791	8.358	1.924E-09
147	9.090	1.818	1.980E-11	41.911	8.382	1.940E-09	8.919	1.784	1.870E-11	25.521	5.104	4.381E-10	-6.638	0.000	0.000E+00	13.285	2.657	6.179E-11	36.629	7.326	1.295E-09
148	35.282	7.056	1.158E-09	6.570	1.314	7.475E-12	7.268	1.454	1.012E-11	48.464	9.693	3.000E-09	5.995	1.199	5.679E-12	12.334	2.467	4.945E-11	37.972	7.594	1.443E-09
149	39.672	7.934	1.646E-09	25.020	5.004	4.128E-10	49.275	9.855	3.153E-09	15.147	3.029	9.159E-11	9.003	1.801	1.923E-11	-8.889	0.000	0.000E+00	7.815	1.563	1.258E-11
150	-33.377	0.000	0.000E+00	7.264	1.453	1.010E-11	6.921	1.384	8.739E-12	4.961	0.992	3.217E-12	9.838	1.968	2.509E-11	41.390	8.278	1.869E-09	18.080	3.616	1.558E-10
151	-8.334	0.000	0.000E+00	35.808	7.162	1.210E-09	7.159	1.432	9.670E-12	19.541	3.908	1.967E-10	8.949	1.790	1.889E-11	-5.881	0.000	0.000E+00	7.282	1.456	1.018E-11
152	34.174	6.835	1.052E-09	66.543	13.309	7.766E-09	8.984	1.797	1.911E-11	10.733	2.147	3.259E-11	46.375	9.275	2.629E-09	5.408	1.082	4.168E-12	22.607	4.521	3.045E-10
153	46.361	9.272	2.626E-09	5.184	1.037	3.671E-12	40.248	8.050	1.718E-09	18.242	3.648	1.600E-10	12.822	2.564	5.555E-11	5.818	1.164	5.192E-12	27.964	5.593	5.764E-10
154	46.243	9.249	2.606E-09	38.614	7.723	1.518E-09	6.786	1.357	8.237E-12	8.039	1.608	1.369E-11	4.833	0.967	2.976E-12	28.816	5.763	6.307E-10	-6.865	0.000	0.000E+00
155	50.334	10.067	3.361E-09	24.827	4.965	4.033E-10	30.664	6.133	7.599E-10	9.829	1.966	2.503E-11	18.486	3.697	1.665E-10	16.155	3.231	1.111E-10	50.132	10.026	3.321E-09
156	24.224	4.845	3.747E-10	13.336	2.667	6.251E-11	5.256	1.051	3.827E-12	47.681	9.536	2.857E-09	8.664	1.733	1.714E-11	20.173	4.035	2.164E-10	19.006	3.801	1.810E-10
157	41.216	8.243	1.845E-09	33.005	6.601	9.476E-10	8.197	1.639	1.451E-11	51.647	10.329	3.631E-09	50.697	10.139	3.434E-09	55.418	11.084	4.486E-09	14.509	2.902	8.051E-11
158	7.471	1.494	1.099E-11	29.061	5.812	6.469E-10	35.824	7.165	1.212E-09	7.439	1.488	1.085E-11	41.938	8.388	1.944E-09	4.132	0.826	1.859E-12	58.383	11.677	5.245E-09
159	57.654	11.531	5.051E-09	3.650	0.730	1.282E-12	16.924	3.385	1.278E-10	37.780	7.556	1.421E-09	39.007	7.801	1.564E-09	44.793	8.959	2.369E-09	6.737	1.347	8.060E-12
160	57.746	11.549	5.075E-09	5.592	1.118	4.610E-12	28.885	5.777	6.352E-10	28.642	5.728	6.193E-10	54.504	10.901	4.267E-09	47.319	9.464	2.792E-09	8.948	1.790	1.888E-11
161	34.175	6.835	1.052E-09	36.769	7.354	1.310E-09	-7.209	0.000	0.000E+00	16.367	3.273	1.156E-10	32.769	6.554	9.274E-10	9.282	1.856	2.108E-11	41.705	8.341	1.912E-09
162	36.097	7.219	1.240E-09	8.768	1.754	1.777E-11	52.836	10.567	3.888E-09	25.834	5.167	4.544E-10	13.388	2.678	6.324E-11	26.237	5.247	4.760E-10	8.893	1.779	1.854E-11
163	18.971	3.794	1.800E-10	11.080	2.216	3.585E-11	52.796	10.559	3.879E-09	17.339	3.468	1.374E-10	5.036	1.007	3.167E-12	6.799	1.360	8.284E-12	46.626	9.325	2.672E-09
164	17.660	3.532	1.452E-10	12.569	2.514	5.234E-11	43.182	8.636	2.122E-09	9.323	1.865	2.136E-11	7.965	1.593	1.332E-11	14.463	2.893	7.974E-11	10.170	2.034	2.772E-11
165	12.264	2.453	4.862E-11	7.875	1.575	1.287E-11	4.559	0.912	2.498E-12	6.339	1.268	6.714E-12	13.982	2.796	7.205E-11	31.582	6.316	8.303E-10	8.168	1.634	1.436E-11
166	58.154	11.631	5.184E-09	23.436	4.687	3.393E-10	32.503	6.501	9.051E-10	4.484	0.897	2.376E-12	14.202	2.840	7.550E-11	9.239	1.848	2.079E-11	20.888	4.178	2.402E-10
167	8.773	1.755	1.780E-11	48.819	9.764	3.067E-09	78.386	15.677	1.269E-08	17.896	3.579	1.511E-10	6.460	1.292	7.106E-12	9.550	1.910	2.296E-11	5.550	1.110	4.507E-12
168	42.607	8.521	2.039E-09	-4.502	0.000	0.000E+00	22.975	4.595	3.197E-10	32.479	6.496	9.031E-10	7.178	1.436	9.747E-12	41.016	8.203	1.819E-09	47.811	9.562	2.880E-09
169	12.591	2.518	5.261E-11	10.059	2.012	2.683E-11	8.282	1.656	1.497E-11	33.869	6.774	1.024E-09	49.211	9.842	3.141E-09	-6.366	0.000	0.000E+00	5.574	1.115	4.564E-12
170	13.407	2.681	6.352E-11	38.739	7.748	1.532E-09	21.771	4.354	2.720E-10	4.606	0.921	2.576E-12	8.152	1.630	1.428E-11	36.905	7.381	1.325E-09	-6.065	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
171	8.239	1.648	1.474E-11	6.423	1.285	6.985E-12	42.690	8.538	2.051E-09	5.916	1.183	5.457E-12	4.830	0.966	2.970E-12	6.152	1.230	6.138E-12	12.335	2.467	4.946E-11
172	20.180	4.036	2.166E-10	7.284	1.457	1.019E-11	6.378	1.276	6.837E-12	46.157	9.231	2.592E-09	7.599	1.520	1.156E-11	14.282	2.856	7.679E-11	-9.065	0.000	0.000E+00
173	-43.458	0.000	0.000E+00	33.724	6.745	1.011E-09	20.229	4.046	2.182E-10	12.675	2.535	5.367E-11	4.287	0.857	2.077E-12	7.358	1.472	1.050E-11	75.349	15.070	1.128E-08
174	-6.835	0.000	0.000E+00	9.655	1.931	2.372E-11	50.962	10.192	3.488E-09	8.203	1.641	1.455E-11	7.992	1.598	1.345E-11	5.620	1.124	4.678E-12	5.446	1.089	4.257E-12
175	54.171	10.834	4.190E-09	30.956	6.191	7.818E-10	13.968	2.794	7.183E-11	29.918	5.984	7.058E-10	9.046	1.809	1.951E-11	5.232	1.046	3.776E-12	11.637	2.327	4.154E-11
176	52.347	10.469	3.781E-09	10.652	2.130	3.186E-11	34.374	6.875	1.070E-09	8.635	1.727	1.697E-11	6.801	1.360	8.291E-12	12.718	2.544	5.422E-11	9.223	1.845	2.068E-11
177	6.613	1.323	7.621E-12	13.601	2.720	6.631E-11	17.549	3.510	1.424E-10	-4.824	0.000	0.000E+00	6.365	1.273	6.796E-12	9.042	1.808	1.948E-11	8.928	1.786	1.876E-11
178	5.841	1.168	5.253E-12	9.481	1.896	2.246E-11	43.240	8.648	2.131E-09	11.064	2.213	3.570E-11	6.365	1.273	6.796E-12	-8.329	0.000	0.000E+00	-6.323	0.000	0.000E+00
179	21.661	4.332	2.679E-10	9.447	1.889	2.222E-11	45.836	9.167	2.538E-09	12.201	2.440	4.787E-11	36.340	7.268	1.265E-09	-9.924	0.000	0.000E+00	5.390	1.078	4.128E-12
180	-19.768	0.000	0.000E+00	10.704	2.141	3.233E-11	5.194	1.039	3.693E-12	18.625	3.725	1.703E-10	52.232	10.446	3.756E-09	28.042	5.608	5.812E-10	39.582	7.916	1.634E-09
181	10.626	2.125	3.162E-11	6.341	1.268	6.720E-12	16.687	3.337	1.225E-10	30.088	6.018	7.179E-10	41.630	8.326	1.902E-09	10.467	2.093	3.023E-11	-9.017	0.000	0.000E+00
182	9.365	1.873	2.165E-11	6.977	1.395	8.951E-12	6.484	1.297	7.185E-12	7.295	1.459	1.023E-11	21.579	4.316	2.648E-10	12.246	2.449	4.840E-11	46.272	9.254	2.611E-09
183	23.382	4.676	3.369E-10	20.952	4.190	2.424E-10	14.329	2.866	7.754E-11	6.317	1.263	6.644E-12	-26.977	0.000	0.000E+00	18.559	3.712	1.685E-10	12.643	2.529	5.327E-11
184	4.360	0.872	2.185E-12	23.903	4.781	3.600E-10	7.841	1.568	1.270E-11	46.515	9.303	2.653E-09	6.108	1.222	6.006E-12	13.897	2.779	7.074E-11	-5.732	0.000	0.000E+00
185	-8.518	0.000	0.000E+00	16.454	3.291	1.174E-10	-7.996	0.000	0.000E+00	7.072	1.414	9.324E-12	11.172	2.234	3.675E-11	11.397	2.279	3.902E-11	43.467	8.693	2.164E-09
186	-6.323	0.000	0.000E+00	10.222	2.044	2.815E-11	-9.969	0.000	0.000E+00	47.125	9.425	2.758E-09	37.117	7.423	1.348E-09	36.241	7.248	1.255E-09	5.045	1.009	3.384E-12
187	-4.476	0.000	0.000E+00	42.775	8.555	2.063E-09	-5.736	0.000	0.000E+00	-31.426	0.000	0.000E+00	4.217	0.843	1.976E-12	6.981	1.396	8.968E-12	47.543	9.509	2.832E-09
188	33.521	6.704	9.927E-10	-12.561	0.000	0.000E+00	42.785	8.557	2.064E-09	50.835	10.167	3.462E-09	49.550	9.910	3.206E-09	14.994	2.999	8.885E-11	-4.885	0.000	0.000E+00
189	-5.363	0.000	0.000E+00	41.418	8.284	1.873E-09	16.727	3.345	1.234E-10	15.691	3.138	1.018E-10	-5.368	0.000	0.000E+00	19.481	3.896	1.949E-10	-5.524	0.000	0.000E+00
190	22.260	4.452	2.907E-10	8.529	1.706	1.935E-11	7.232	1.446	9.969E-12	10.832	2.166	3.350E-11	9.617	1.923	2.345E-11	-6.695	0.000	0.000E+00	6.671	1.334	7.825E-12
191	-8.596	0.000	0.000E+00	15.821	3.164	1.044E-10	43.879	8.776	2.227E-09	43.575	8.715	2.181E-09	-5.148	0.000	0.000E+00	-5.464	0.000	0.000E+00	10.215	2.043	2.809E-11
192	53.129	10.626	3.953E-09	11.389	2.278	3.893E-11	19.119	3.824	1.842E-10	-11.573	0.000	0.000E+00	20.909	4.182	2.409E-10	11.797	2.359	4.327E-11	10.551	2.110	3.096E-11
193	4.407	0.881	2.255E-12	6.296	1.259	6.578E-12	-7.300	0.000	0.000E+00	7.136	1.427	9.579E-12	-8.106	0.000	0.000E+00	9.252	1.850	2.087E-11	35.506	7.101	1.180E-09
194	12.575	2.515	5.240E-11	22.041	4.408	2.822E-10	25.256	5.051	4.246E-10	46.879	9.376	2.715E-09	8.217	1.643	1.462E-11	5.821	1.164	5.199E-12	11.560	2.312	4.071E-11
195	10.569	2.114	3.112E-11	7.981	1.596	1.340E-11	-7.113	0.000	0.000E+00	5.509	1.102	4.406E-12	6.043	1.209	5.817E-12	47.821	9.564	2.882E-09	64.561	12.912	7.092E-09
196	18.467	3.693	1.660E-10	47.567	9.513	2.837E-09	28.400	5.680	6.038E-10	15.774	3.155	1.035E-10	7.356	1.471	1.049E-11	10.554	2.111	3.099E-11	-12.635	0.000	0.000E+00
197	24.133	4.827	3.704E-10	7.148	1.430	9.625E-12	-9.056	0.000	0.000E+00	6.226	1.245	6.361E-12	8.481	1.696	1.608E-11	-30.808	0.000	0.000E+00	11.360	2.272	3.864E-11
198	48.988	9.798	3.099E-09	52.448	10.490	3.803E-09	35.418	7.084	1.171E-09	-6.041	0.000	0.000E+00	5.149	1.030	3.597E-12	18.211	3.642	1.592E-10	-9.589	0.000	0.000E+00
199	-5.989	0.000	0.000E+00	47.403	9.481	2.807E-09	8.304	1.661	1.509E-11	9.049	1.810	1.953E-11	6.007	1.201	5.714E-12	53.622	10.724	4.064E-09	-10.005	0.000	0.000E+00
200	11.142	2.228	3.646E-11	12.921	2.584	5.686E-11	-4.233	0.000	0.000E+00	19.480	3.896	1.948E-10	5.417	1.083	4.190E-12	21.496	4.299	2.618E-10	8.357	1.671	1.538E-11
201	11.248	2.250	3.751E-11	-9.246	0.000	0.000E+00	19.699	3.940	2.015E-10	8.521	1.704	1.631E-11	45.325	9.065	2.454E-09	3.828	0.766	1.478E-12	15.232	3.046	9.315E-11
202	9.058	1.812	1.959E-11	51.144	10.229	3.526E-09	20.474	4.095	2.262E-10	-3.265	0.000	0.000E+00	18.133	3.627	1.571E-10	8.195	1.639	1.450E-11	-10.780	0.000	0.000E+00
203	9.823	1.965	2.498E-11	7.234	1.447	9.977E-12	-5.270	0.000	0.000E+00	7.809	1.562	1.255E-11	-8.682	0.000	0.000E+00	-9.689	0.000	0.000E+00	7.852	1.570	1.276E-11
204	-8.209	0.000	0.000E+00	6.724	1.345	8.013E-12	80.648	16.130	1.383E-08	7.955	1.591	1.327E-11	-5.932	0.000	0.000E+00	9.389	1.878	2.181E-11	52.373	10.475	3.786E-09
205	14.400	2.880	7.870E-11	28.936	5.787	6.385E-10	21.648	4.330	2.674E-10	28.284	5.657	5.964E-10	11.597	2.319	4.111E-11	12.803	2.561	5.532E-11	-9.313	0.000	0.000E+00
206	9.377	1.875	2.173E-11	60.044	12.009	5.706E-09	12.518	2.504	5.170E-11	-5.609	0.000	0.000E+00	9.652	1.930	2.370E-11	23.184	4.637	3.284E-10	13.531	2.706	6.529E-11
207	8.083	1.617	1.392E-11	-5.447	0.000	0.000E+00	49.608	9.922	3.218E-09	8.010	1.602	1.355E-11	-7.901	0.000	0.000E+00	-8.302	0.000	0.000E+00	-8.846	0.000	0.000E+00
208	8.296	1.659	1.505E-11	38.359	7.672	1.488E-09	14.852	2.970	8.634E-11	18.400	3.680	1.642E-10	29.595	5.919	6.832E-10	8.939	1.788	1.882E-11	36.796	7.359	1.313E-09
209	-6.914	0.000	0.000E+00	51.755	10.351	3.654E-09	-9.884	0.000	0.000E+00	54.527	10.905	4.273E-09	9.662	1.932	2.377E-11	4.391	0.878	2.231E-12	40.116	8.023	1.701E-09
210	28.537	5.707	6.125E-10	6.202	1.240	6.289E-12	53.016	10.603	3.927E-09	8.208	1.642	1.457E-11	8.264	1.653	1.488E-11	8.119	1.624	1.410E-11	37.091	7.418	1.345E-09
211	60.282	12.056	5.774E-09	9.446	1.889	2.221E-11	16.700	3.340	1.228E-10	-5.118	0.000	0.000E+00	10.006	2.001	2.640E-11	7.016	1.403	9.104E-12	11.414	2.283	3.919E-11
212	-6.436	0.000	0.000E+00	23.767	4.753	3.538E-10	7.068	1.414	9.305E-12	44.139	8.828	2.266E-09	-3.382	0.000	0.000E+00	6.738	1.348	8.062E-12	6.680	1.336	7.856E-12
213	11.895	2.379	4.436E-11	12.865	2.573	5.612E-11	-4.095	0.000	0.000E+00	25.787	5.157	4.519E-10	6.819	1.364	8.357E-12	9.625	1.925	2.350E-11	18.857	3.771	1.767E-10
214	-9.258	0.000	0.000E+00	11.202	2.240	3.705E-11	25.664	5.133	4.455E-10	4.898	0.980	3.097E-12	9.270	1.854	2.099E-11	-4.530	0.000	0.000E+00	14.646	2.929	8.280E-11
215	8.143	1.629	1.423E-11	10.388	2.078	2.955E-11	9.892	1.978	2.551E-11	8.216	1.643	1.462E-11	-5.103	0.000	0.000E+00	11.205	2.241	3.708E-11	-6.198	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
216	7.096	1.419	9.415E-12	9.188	1.838	2.044E-11	6.008	1.202	5.715E-12	30.870	6.174	7.753E-10	11.352	2.270	3.856E-11	-3.985	0.000	0.000E+00	10.029	2.006	2.658E-11
217	-5.834	0.000	0.000E+00	44.358	8.872	2.300E-09	48.508	9.702	3.008E-09	7.950	1.590	1.324E-11	-5.426	0.000	0.000E+00	7.258	1.452	1.008E-11	-8.364	0.000	0.000E+00
218	15.523	3.105	9.859E-11	5.700	1.140	4.882E-12	7.118	1.424	9.504E-12	16.760	3.352	1.241E-10	4.221	0.844	1.982E-12	11.756	2.351	4.282E-11	34.552	6.910	1.087E-09
219	32.023	6.405	8.655E-10	-12.056	0.000	0.000E+00	9.089	1.818	1.979E-11	-6.070	0.000	0.000E+00	15.382	3.076	9.593E-11	12.687	2.537	5.382E-11	45.811	9.162	2.534E-09
220	9.892	1.978	2.551E-11	-4.866	0.000	0.000E+00	9.527	1.905	2.279E-11	57.682	11.536	5.058E-09	-9.279	0.000	0.000E+00	4.945	0.989	3.186E-12	59.574	11.915	5.573E-09
221	31.783	6.357	8.462E-10	63.057	12.611	6.608E-09	13.634	2.727	6.680E-11	-7.458	0.000	0.000E+00	19.307	3.861	1.897E-10	-5.081	0.000	0.000E+00	10.010	2.002	2.644E-11
222	4.822	0.964	2.955E-12	6.516	1.303	7.293E-12	-6.333	0.000	0.000E+00	5.501	1.100	4.387E-12	7.598	1.520	1.156E-11	-4.029	0.000	0.000E+00	15.635	3.127	1.007E-10
223	-5.977	0.000	0.000E+00	5.438	1.088	4.239E-12	10.115	2.023	2.727E-11	9.152	1.830	2.021E-11	9.518	1.904	2.273E-11	-8.110	0.000	0.000E+00	-10.778	0.000	0.000E+00
224	11.215	2.243	3.718E-11	-11.567	0.000	0.000E+00	25.326	5.065	4.281E-10	12.297	2.459	4.900E-11	26.059	5.212	4.664E-10	10.753	2.151	3.277E-11	9.224	1.845	2.069E-11
225	-5.554	0.000	0.000E+00	26.098	5.220	4.685E-10	5.816	1.163	5.184E-12	27.591	5.518	5.536E-10	-5.950	0.000	0.000E+00	4.728	0.946	2.785E-12	-16.410	0.000	0.000E+00
226	-4.839	0.000	0.000E+00	6.961	1.392	8.890E-12	-7.320	0.000	0.000E+00	7.671	1.534	1.190E-11	7.386	1.477	1.062E-11	-5.997	0.000	0.000E+00	19.473	3.895	1.946E-10
227	4.802	0.960	2.919E-12	3.621	0.724	1.252E-12	6.077	1.215	5.914E-12	-2.893	0.000	0.000E+00	16.573	3.315	1.200E-10	10.511	2.102	3.061E-11	45.382	9.076	2.463E-09
228	6.422	1.284	6.979E-12	3.913	0.783	1.579E-12	-9.921	0.000	0.000E+00	10.212	2.042	2.807E-11	6.847	1.369	8.461E-12	8.836	1.767	1.818E-11	4.903	0.981	3.107E-12
229	14.618	2.924	8.233E-11	-5.194	0.000	0.000E+00	14.349	2.870	7.787E-11	42.379	8.476	2.006E-09	9.353	1.871	2.156E-11	-9.319	0.000	0.000E+00	28.778	5.756	6.281E-10
230	6.080	1.216	5.924E-12	-4.537	0.000	0.000E+00	11.962	2.392	4.511E-11	9.959	1.992	2.604E-11	5.596	1.119	4.620E-12	7.736	1.547	1.220E-11	4.179	0.836	1.924E-12
231	5.469	1.094	4.311E-12	-10.522	0.000	0.000E+00	-12.244	0.000	0.000E+00	11.132	2.226	3.636E-11	6.592	1.318	7.551E-12	11.640	2.328	4.157E-11	6.987	1.397	8.991E-12
232	9.336	1.867	2.145E-11	8.587	1.717	1.669E-11	7.683	1.537	1.195E-11	9.813	1.963	2.490E-11	10.511	2.102	3.061E-11	-8.743	0.000	0.000E+00	4.156	0.831	1.893E-12
233	6.278	1.256	6.522E-12	17.738	3.548	1.471E-10	-8.508	0.000	0.000E+00	-9.631	0.000	0.000E+00	8.878	1.776	1.844E-11	9.409	1.882	2.196E-11	10.833	2.167	3.351E-11
234	-5.603	0.000	0.000E+00	-4.434	0.000	0.000E+00	17.841	3.568	1.497E-10	16.615	3.323	1.209E-10	50.217	10.043	3.338E-09	8.793	1.759	1.792E-11	11.793	2.359	4.323E-11
235	-5.532	0.000	0.000E+00	-11.392	0.000	0.000E+00	10.527	2.105	3.074E-11	9.175	1.835	2.036E-11	12.897	2.579	5.654E-11	9.345	1.869	2.151E-11	9.667	1.933	2.381E-11
236	4.441	0.888	2.308E-12	-12.162	0.000	0.000E+00	57.481	11.496	5.006E-09	8.927	1.785	1.875E-11	13.014	2.603	5.809E-11	10.365	2.073	2.935E-11	22.236	4.447	2.898E-10
237	-6.619	0.000	0.000E+00	8.873	1.775	1.841E-11	15.560	3.112	9.930E-11	31.662	6.332	8.366E-10	8.885	1.777	1.849E-11	-4.367	0.000	0.000E+00	12.773	2.555	5.493E-11
238	7.972	1.594	1.336E-11	-8.975	0.000	0.000E+00	-7.499	0.000	0.000E+00	13.750	2.750	6.851E-11	6.934	1.387	8.787E-12	14.329	2.866	7.754E-11	8.351	1.670	1.535E-11
239	9.416	1.883	2.201E-11	-9.698	0.000	0.000E+00	6.319	1.264	6.649E-12	11.578	2.316	4.091E-11	7.321	1.464	1.034E-11	10.081	2.016	2.700E-11	11.608	2.322	4.122E-11
240	-4.820	0.000	0.000E+00	4.273	0.855	2.056E-12	-13.753	0.000	0.000E+00	9.742	1.948	2.437E-11	53.443	10.689	4.023E-09	8.725	1.745	1.751E-11	9.783	1.957	2.468E-11
241	7.656	1.531	1.183E-11	-4.294	0.000	0.000E+00	6.559	1.312	7.436E-12	20.988	4.198	2.437E-10	13.650	2.730	6.703E-11	45.353	9.071	2.459E-09	9.089	1.818	1.979E-11
242	45.507	9.101	2.484E-09	7.425	1.485	1.079E-11	6.992	1.398	9.008E-12	10.062	2.012	2.685E-11	26.592	5.318	4.956E-10	3.991	0.798	1.676E-12	6.826	1.365	8.384E-12
243	10.409	2.082	2.973E-11	6.459	1.292	7.101E-12	-4.978	0.000	0.000E+00	17.453	3.491	1.401E-10	11.628	2.326	4.144E-11	8.855	1.771	1.830E-11	-7.061	0.000	0.000E+00
244	9.213	1.843	2.061E-11	6.978	1.396	8.955E-12	-8.378	0.000	0.000E+00	8.953	1.791	1.892E-11	-4.902	0.000	0.000E+00	8.118	1.624	1.410E-11	36.578	7.316	1.290E-09
245	14.339	2.868	7.770E-11	-5.585	0.000	0.000E+00	-6.943	0.000	0.000E+00	-8.291	0.000	0.000E+00	10.293	2.059	2.874E-11	-6.569	0.000	0.000E+00	-4.743	0.000	0.000E+00
246	27.557	5.511	5.515E-10	-8.210	0.000	0.000E+00	22.852	4.570	3.145E-10	12.491	2.498	5.137E-11	-7.655	0.000	0.000E+00	-4.737	0.000	0.000E+00	3.617	0.723	1.247E-12
247	9.814	1.963	2.491E-11	-13.783	0.000	0.000E+00	11.399	2.280	3.904E-11	25.439	5.088	4.339E-10	7.675	1.535	1.192E-11	7.735	1.547	1.220E-11	7.822	1.564	1.261E-11
248	9.025	1.805	1.938E-11	-7.292	0.000	0.000E+00	-10.711	0.000	0.000E+00	8.085	1.617	1.393E-11	12.807	2.561	5.537E-11	-5.632	0.000	0.000E+00	6.819	1.364	8.358E-12
249	7.796	1.559	1.249E-11	-5.899	0.000	0.000E+00	-6.584	0.000	0.000E+00	9.231	1.846	2.073E-11	24.961	4.992	4.099E-10	5.292	1.058	3.905E-12	-5.611	0.000	0.000E+00
250	13.747	2.749	6.847E-11	-7.700	0.000	0.000E+00	29.662	5.932	6.878E-10	12.367	2.473	4.986E-11	9.295	1.859	2.117E-11	12.118	2.424	4.690E-11	25.411	5.082	4.325E-10
251	14.132	2.826	7.439E-11	11.421	2.284	3.927E-11	10.637	2.127	3.172E-11	43.753	8.751	2.208E-09	8.551	1.710	1.648E-11	-7.038	0.000	0.000E+00	-32.615	0.000	0.000E+00
252	-5.754	0.000	0.000E+00	28.286	5.657	5.965E-10	44.221	8.844	2.279E-09	9.191	1.838	2.046E-11	10.063	2.013	2.686E-11	-7.634	0.000	0.000E+00	32.680	6.536	9.199E-10
253	8.941	1.788	1.884E-11	-5.652	0.000	0.000E+00	41.576	8.315	1.894E-09	10.875	2.175	3.390E-11	9.098	1.820	1.985E-11	41.852	8.370	1.937E-09	8.620	1.724	1.688E-11
254	42.036	8.407	1.958E-09	9.547	1.909	2.293E-11	7.317	1.463	1.032E-11	9.409	1.882	2.196E-11	5.768	1.154	5.057E-12	8.936	1.787	1.881E-11	32.207	6.441	8.805E-10
255	12.867	2.573	5.615E-11	53.989	10.798	4.148E-09	-5.896	0.000	0.000E+00	10.552	2.110	3.097E-11	7.687	1.537	1.197E-11	7.708	1.542	1.207E-11	-5.474	0.000	0.000E+00
256	5.067	1.013	3.428E-12	7.607	1.521	1.160E-11	13.051	2.610	5.859E-11	7.366	1.473	1.054E-11	-4.323	0.000	0.000E+00	9.540	1.908	2.289E-11	-8.956	0.000	0.000E+00
257	-9.351	0.000	0.000E+00	14.573	2.915	8.158E-11	-4.693	0.000	0.000E+00	-6.047	0.000	0.000E+00	6.940	1.388	8.809E-12	31.158	6.232	7.972E-10	-7.780	0.000	0.000E+00
258	52.252	10.450	3.760E-09	3.934	0.787	1.605E-12	3.839	0.768	1.491E-12	41.990	8.398	1.951E-09	10.723	2.145	3.250E-11	26.824	5.365	5.087E-10	9.285	1.857	2.110E-11
259	-6.398	0.000	0.000E+00	5.026	1.005	3.346E-12	5.683	1.137	4.837E-12	5.515	1.103	4.420E-12	6.815	1.363	8.344E-12	4.877	0.975	3.058E-12	30.586	6.117	7.542E-10
260	8.745	1.749	1.763E-11	11.469	2.294	3.976E-11	9.306	1.861	2.124E-11	6.757	1.351	8.131E-12	10.017	2.003	2.649E-11	5.626	1.125	4.693E-12	5.897	1.179	5.406E-12

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
261	3.835	0.767	1.487E-12	46.987	9.397	2.734E-09	10.576	2.115	3.118E-11	-4.777	0.000	0.000E+00	29.767	5.953	6.952E-10	9.233	1.847	2.074E-11	4.822	0.964	2.956E-12
262	-5.499	0.000	0.000E+00	10.097	2.019	2.713E-11	9.266	1.853	2.097E-11	8.378	1.676	1.550E-11	10.587	2.117	3.128E-11	46.607	9.321	2.668E-09	-6.852	0.000	0.000E+00
263	6.964	1.393	8.903E-12	10.735	2.147	3.261E-11	12.887	2.577	5.641E-11	18.929	3.786	1.787E-10	12.881	2.576	5.633E-11	7.783	1.557	1.243E-11	8.575	1.715	1.662E-11
264	32.420	6.484	8.981E-10	14.841	2.968	8.615E-11	6.143	1.229	6.111E-12	6.451	1.290	7.075E-12	14.894	2.979	8.708E-11	5.539	1.108	4.480E-12	49.535	9.907	3.203E-09
265	50.383	10.077	3.371E-09	11.308	2.262	3.811E-11	-8.520	0.000	0.000E+00	20.655	4.131	2.323E-10	9.267	1.853	2.097E-11	-8.394	0.000	0.000E+00	10.242	2.048	2.832E-11
266	-5.526	0.000	0.000E+00	6.928	1.386	8.766E-12	9.212	1.842	2.060E-11	7.116	1.423	9.498E-12	-7.061	0.000	0.000E+00	5.986	1.197	5.652E-12	9.864	1.973	2.529E-11
267	-6.202	0.000	0.000E+00	-7.812	0.000	0.000E+00	5.936	1.187	5.512E-12	27.868	5.574	5.704E-10	8.872	1.774	1.841E-11	7.349	1.470	1.046E-11	-6.037	0.000	0.000E+00
268	6.944	1.389	8.823E-12	6.122	1.224	6.047E-12	48.360	9.672	2.981E-09	-30.117	0.000	0.000E+00	41.115	8.223	1.832E-09	40.824	8.165	1.793E-09	-4.239	0.000	0.000E+00
269	-4.961	0.000	0.000E+00	6.507	1.301	7.261E-12	8.392	1.678	1.558E-11	4.003	0.801	1.691E-12	24.407	4.881	3.832E-10	5.003	1.001	3.300E-12	26.338	5.268	4.815E-10
270	-6.711	0.000	0.000E+00	-6.032	0.000	0.000E+00	7.017	1.403	9.108E-12	5.819	1.164	5.192E-12	5.782	1.156	5.094E-12	9.185	1.837	2.042E-11	33.797	6.759	1.017E-09
271	6.201	1.240	6.284E-12	-4.403	0.000	0.000E+00	11.114	2.223	3.618E-11	7.923	1.585	1.311E-11	31.347	6.269	8.119E-10	-5.614	0.000	0.000E+00	8.667	1.733	1.716E-11
272	13.492	2.698	6.474E-11	-7.627	0.000	0.000E+00	5.389	1.078	4.124E-12	5.108	1.022	3.512E-12	-10.376	0.000	0.000E+00	5.392	1.078	4.132E-12	8.317	1.663	1.516E-11
273	7.888	1.578	1.294E-11	9.170	1.834	2.032E-11	9.421	1.884	2.204E-11	31.417	6.283	8.173E-10	17.929	3.586	1.519E-10	-9.271	0.000	0.000E+00	3.914	0.783	1.581E-12
274	-6.099	0.000	0.000E+00	5.969	1.194	5.606E-12	5.606	1.121	4.643E-12	56.237	11.247	4.688E-09	43.002	8.600	2.096E-09	7.770	1.554	1.236E-11	7.265	1.453	1.011E-11
275	49.088	9.818	3.118E-09	5.800	1.160	5.144E-12	-6.426	0.000	0.000E+00	4.653	0.931	2.655E-12	5.604	1.121	4.638E-12	-4.592	0.000	0.000E+00	-8.622	0.000	0.000E+00
276	6.511	1.302	7.276E-12	14.369	2.874	7.819E-11	10.215	2.043	2.809E-11	7.923	1.585	1.311E-11	15.635	3.127	1.007E-10	6.786	1.357	8.238E-12	9.935	1.987	2.584E-11
277	-7.179	0.000	0.000E+00	-6.141	0.000	0.000E+00	-6.812	0.000	0.000E+00	6.876	1.375	8.568E-12	19.434	3.887	1.935E-10	-5.814	0.000	0.000E+00	-11.962	0.000	0.000E+00
278	-7.393	0.000	0.000E+00	42.618	8.524	2.040E-09	7.759	1.552	1.231E-11	-6.153	0.000	0.000E+00	26.325	5.265	4.808E-10	-3.739	0.000	0.000E+00	-8.110	0.000	0.000E+00
279	7.155	1.431	9.653E-12	9.767	1.953	2.456E-11	-6.849	0.000	0.000E+00	74.104	14.821	1.073E-08	4.895	0.979	3.091E-12	10.685	2.137	3.215E-11	19.394	3.879	1.922E-10
280	23.996	4.799	3.642E-10	7.173	1.435	9.726E-12	12.357	2.471	4.973E-11	-6.355	0.000	0.000E+00	-5.775	0.000	0.000E+00	46.513	9.303	2.652E-09	10.180	2.036	2.781E-11
281	-5.058	0.000	0.000E+00	-5.773	0.000	0.000E+00	-7.743	0.000	0.000E+00	12.480	2.496	5.123E-11	11.513	2.303	4.023E-11	7.305	1.461	1.028E-11	9.585	1.917	2.321E-11
282	5.663	1.133	4.786E-12	9.095	1.819	1.983E-11	5.599	1.120	4.626E-12	7.565	1.513	1.141E-11	-7.895	0.000	0.000E+00	11.877	2.375	4.415E-11	5.586	1.117	4.595E-12
283	7.799	1.560	1.250E-11	-5.878	0.000	0.000E+00	6.592	1.318	7.551E-12	-6.723	0.000	0.000E+00	7.660	1.532	1.185E-11	5.498	1.100	4.380E-12	3.851	0.770	1.505E-12
284	-5.356	0.000	0.000E+00	9.039	1.808	1.947E-11	36.489	7.298	1.280E-09	42.626	8.525	2.041E-09	19.861	3.972	2.065E-10	8.518	1.704	1.629E-11	6.772	1.354	8.184E-12
285	7.054	1.411	9.253E-12	-7.674	0.000	0.000E+00	8.318	1.664	1.517E-11	8.072	1.614	1.386E-11	11.988	2.398	4.541E-11	5.508	1.102	4.405E-12	11.559	2.312	4.070E-11
286	-5.707	0.000	0.000E+00	8.219	1.644	1.463E-11	6.956	1.391	8.872E-12	19.234	3.847	1.875E-10	8.443	1.689	1.586E-11	6.715	1.343	7.982E-12	-6.763	0.000	0.000E+00
287	-9.984	0.000	0.000E+00	9.727	1.945	2.425E-11	41.918	8.384	1.941E-09	17.260	3.452	1.355E-10	6.977	1.395	8.950E-12	8.601	1.720	1.677E-11	7.887	1.577	1.293E-11
288	6.884	1.377	8.597E-12	-6.458	0.000	0.000E+00	-3.619	0.000	0.000E+00	6.536	1.307	7.361E-12	7.855	1.571	1.278E-11	9.482	1.896	2.247E-11	6.696	1.339	7.914E-12
289	-4.504	0.000	0.000E+00	-7.982	0.000	0.000E+00	9.586	1.917	2.321E-11	7.212	1.442	9.886E-12	14.042	2.808	7.297E-11	58.497	11.699	5.276E-09	10.514	2.103	3.064E-11
290	-12.598	0.000	0.000E+00	7.236	1.447	9.986E-12	5.617	1.123	4.671E-12	48.926	9.785	3.087E-09	-4.641	0.000	0.000E+00	8.542	1.708	1.643E-11	59.063	11.813	5.430E-09
291	9.952	1.990	2.598E-11	-6.052	0.000	0.000E+00	5.944	1.189	5.536E-12	-6.492	0.000	0.000E+00	15.930	3.186	1.065E-10	-5.007	0.000	0.000E+00	15.609	3.122	1.002E-10
292	-7.310	0.000	0.000E+00	6.944	1.389	8.826E-12	57.760	11.552	5.079E-09	16.552	3.310	1.195E-10	76.929	15.386	1.200E-08	-7.835	0.000	0.000E+00	9.592	1.918	2.326E-11
293	7.239	1.448	9.997E-12	6.281	1.256	6.532E-12	8.656	1.731	1.710E-11	39.033	7.807	1.567E-09	16.841	3.368	1.259E-10	10.158	2.032	2.763E-11	4.682	0.936	2.705E-12
294	10.083	2.017	2.702E-11	47.757	9.551	2.871E-09	9.748	1.950	2.441E-11	6.464	1.293	7.118E-12	-10.580	0.000	0.000E+00	36.873	7.375	1.321E-09	8.038	1.608	1.369E-11
295	5.928	1.186	5.490E-12	-8.275	0.000	0.000E+00	9.838	1.968	2.509E-11	9.049	1.810	1.953E-11	6.124	1.225	6.054E-12	12.580	2.516	5.247E-11	-3.548	0.000	0.000E+00
296	6.968	1.394	8.918E-12	11.289	2.258	3.792E-11	11.829	2.366	4.362E-11	8.853	1.771	1.829E-11	42.709	8.542	2.053E-09	5.828	1.166	5.217E-12	39.765	7.953	1.657E-09
297	-9.039	0.000	0.000E+00	9.283	1.857	2.109E-11	-8.706	0.000	0.000E+00	8.544	1.709	1.644E-11	16.445	3.289	1.172E-10	4.716	0.943	2.765E-12	9.558	1.912	2.301E-11
298	-6.108	0.000	0.000E+00	7.316	1.463	1.032E-11	5.169	1.034	3.640E-12	11.040	2.208	3.546E-11	-4.931	0.000	0.000E+00	-8.195	0.000	0.000E+00	-8.168	0.000	0.000E+00
299	7.088	1.418	9.387E-12	-4.794	0.000	0.000E+00	42.265	8.453	1.990E-09	78.804	15.761	1.290E-08	9.431	1.886	2.211E-11	-8.024	0.000	0.000E+00	7.927	1.585	1.313E-11
300	8.399	1.680	1.562E-11	6.976	1.395	8.948E-12	9.096	1.819	1.984E-11	6.657	1.331	7.774E-12	64.023	12.805	6.917E-09	-6.307	0.000	0.000E+00	8.082	1.616	1.391E-11
301	-9.560	0.000	0.000E+00	14.885	2.977	8.693E-11	-7.504	0.000	0.000E+00	-25.283	0.000	0.000E+00	-5.924	0.000	0.000E+00	6.891	1.378	8.626E-12	6.714	1.343	7.977E-12
302	43.067	8.613	2.105E-09	33.646	6.729	1.004E-09	16.737	3.347	1.236E-10	33.984	6.797	1.034E-09	13.514	2.703	6.504E-11	8.390	1.678	1.556E-11	-9.909	0.000	0.000E+00
303	6.424	1.285	6.988E-12	-4.905	0.000	0.000E+00	8.324	1.665	1.520E-11	9.037	1.807	1.946E-11	4.364	0.873	2.191E-12	8.739	1.748	1.759E-11	12.993	2.599	5.781E-11
304	16.461	3.292	1.176E-10	-3.716	0.000	0.000E+00	13.328	2.666	6.240E-11	7.902	1.580	1.300E-11	13.282	2.656	6.175E-11	-10.233	0.000	0.000E+00	48.704	9.741	3.045E-09
305	-6.105	0.000	0.000E+00	8.194	1.639	1.450E-11	-5.878	0.000	0.000E+00	8.547	1.709	1.646E-11	8.615	1.723	1.685E-11	12.171	2.434	4.752E-11	-11.668	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
306	5.902	1.180	5.419E-12	5.725	1.145	4.946E-12	-6.488	0.000	0.000E+00	8.916	1.783	1.868E-11	42.037	8.407	1.958E-09	8.729	1.746	1.753E-11	6.812	1.362	8.330E-12
307	6.782	1.356	8.220E-12	7.452	1.490	1.091E-11	9.621	1.924	2.347E-11	36.026	7.205	1.232E-09	-7.136	0.000	0.000E+00	8.478	1.696	1.606E-11	-7.110	0.000	0.000E+00
308	8.581	1.716	1.665E-11	-7.659	0.000	0.000E+00	6.513	1.303	7.283E-12	11.367	2.273	3.871E-11	8.915	1.783	1.868E-11	-6.414	0.000	0.000E+00	12.130	2.426	4.704E-11
309	9.667	1.933	2.381E-11	19.901	3.980	2.077E-10	5.773	1.155	5.071E-12	45.747	9.149	2.523E-09	7.353	1.471	1.048E-11	5.775	1.155	5.076E-12	11.422	2.284	3.928E-11
310	7.888	1.578	1.294E-11	8.586	1.717	1.668E-11	5.702	1.140	4.887E-12	41.841	8.368	1.931E-09	-7.147	0.000	0.000E+00	7.226	1.445	9.943E-12	-4.990	0.000	0.000E+00
311	10.762	2.152	3.285E-11	11.876	2.375	4.415E-11	-6.199	0.000	0.000E+00	30.810	6.162	7.708E-10	7.605	1.521	1.159E-11	7.979	1.596	1.339E-11	14.428	2.886	7.916E-11
312	9.299	1.860	2.119E-11	-6.255	0.000	0.000E+00	5.385	1.077	4.117E-12	9.386	1.877	2.179E-11	9.479	1.896	2.245E-11	-8.677	0.000	0.000E+00	-6.848	0.000	0.000E+00
313	9.486	1.897	2.250E-11	12.938	2.588	5.708E-11	9.178	1.836	2.038E-11	12.974	2.595	5.756E-11	-6.537	0.000	0.000E+00	17.030	3.406	1.302E-10	5.459	1.092	4.289E-12
314	40.149	8.030	1.706E-09	9.038	1.808	1.946E-11	9.368	1.874	2.167E-11	-4.995	0.000	0.000E+00	44.679	8.936	2.351E-09	5.426	1.085	4.211E-12	51.776	10.355	3.658E-09
315	43.166	8.633	2.120E-09	-5.316	0.000	0.000E+00	12.798	2.560	5.525E-11	-6.937	0.000	0.000E+00	8.017	1.603	1.358E-11	36.387	7.277	1.270E-09	7.351	1.470	1.047E-11
316	8.226	1.645	1.467E-11	6.704	1.341	7.941E-12	9.661	1.932	2.377E-11	13.205	2.641	6.069E-11	3.965	0.793	1.643E-12	7.156	1.431	9.660E-12	6.083	1.217	5.932E-12
317	-7.931	0.000	0.000E+00	-5.123	0.000	0.000E+00	-9.599	0.000	0.000E+00	8.200	1.640	1.453E-11	42.384	8.477	2.007E-09	41.627	8.325	1.901E-09	-6.671	0.000	0.000E+00
318	6.193	1.239	6.261E-12	5.686	1.137	4.845E-12	10.224	2.045	2.817E-11	-7.491	0.000	0.000E+00	11.072	2.214	3.578E-11	7.127	1.425	9.540E-12	9.460	1.892	2.232E-11
319	-5.697	0.000	0.000E+00	6.550	1.310	7.408E-12	6.585	1.317	7.525E-12	10.658	2.132	3.191E-11	39.330	7.866	1.603E-09	7.470	1.494	1.098E-11	7.817	1.563	1.259E-11
320	6.762	1.352	8.148E-12	-6.157	0.000	0.000E+00	9.956	1.991	2.601E-11	11.975	2.395	4.526E-11	-6.038	0.000	0.000E+00	7.200	1.440	9.837E-12	6.515	1.303	7.288E-12
321	12.658	2.532	5.345E-11	21.417	4.283	2.589E-10	-3.371	0.000	0.000E+00	-6.887	0.000	0.000E+00	-7.748	0.000	0.000E+00	7.553	1.511	1.136E-11	10.227	2.045	2.819E-11
322	13.365	2.673	6.292E-11	-4.694	0.000	0.000E+00	-8.323	0.000	0.000E+00	9.550	1.910	2.296E-11	8.428	1.686	1.578E-11	16.403	3.281	1.163E-10	8.042	1.608	1.371E-11
323	10.205	2.041	2.801E-11	-3.978	0.000	0.000E+00	35.510	7.102	1.180E-09	9.710	1.942	2.413E-11	8.808	1.762	1.801E-11	-11.398	0.000	0.000E+00	9.287	1.857	2.111E-11
324	42.412	8.482	2.011E-09	5.084	1.017	3.463E-12	5.218	1.044	3.745E-12	5.848	1.170	5.271E-12	7.643	1.529	1.177E-11	3.937	0.787	1.608E-12	8.549	1.710	1.647E-11
325	-12.100	0.000	0.000E+00	8.656	1.731	1.709E-11	43.345	8.669	2.146E-09	28.601	5.720	6.166E-10	36.879	7.376	1.322E-09	7.773	1.555	1.238E-11	-5.789	0.000	0.000E+00
326	11.789	2.358	4.318E-11	8.195	1.639	1.450E-11	9.880	1.976	2.542E-11	-12.584	0.000	0.000E+00	33.521	6.704	9.927E-10	4.454	0.891	2.329E-12	-6.012	0.000	0.000E+00
327	8.369	1.674	1.545E-11	11.058	2.212	3.563E-11	6.499	1.300	7.234E-12	6.403	1.281	6.918E-12	-8.535	0.000	0.000E+00	4.669	0.934	2.683E-12	11.032	2.206	3.539E-11
328	-6.304	0.000	0.000E+00	-4.660	0.000	0.000E+00	9.586	1.917	3.222E-11	39.426	7.885	1.615E-09	6.235	1.247	6.389E-12	6.810	1.362	8.325E-12	-3.286	0.000	0.000E+00
329	7.141	1.428	9.598E-12	8.844	1.769	1.823E-11	13.239	2.648	6.115E-11	46.415	9.283	2.636E-09	76.853	15.371	1.196E-08	-11.984	0.000	0.000E+00	8.365	1.673	1.543E-11
330	-7.080	0.000	0.000E+00	-6.824	0.000	0.000E+00	-7.382	0.000	0.000E+00	11.139	2.228	3.643E-11	12.500	2.500	5.148E-11	7.883	1.577	1.291E-11	7.889	1.578	1.294E-11
331	11.736	2.347	4.260E-11	5.418	1.084	4.192E-12	6.817	1.363	8.348E-12	-9.301	0.000	0.000E+00	6.540	1.308	7.373E-12	-3.407	0.000	0.000E+00	4.083	0.817	1.794E-12
332	25.131	5.026	4.183E-10	7.861	1.572	1.280E-11	5.917	1.183	5.459E-12	56.105	11.221	4.655E-09	5.881	1.176	5.361E-12	8.998	1.800	1.920E-11	-5.143	0.000	0.000E+00
333	-6.894	0.000	0.000E+00	10.533	2.107	3.080E-11	5.027	1.005	3.348E-12	28.261	5.652	5.949E-10	9.086	1.817	1.977E-11	-6.994	0.000	0.000E+00	-7.338	0.000	0.000E+00
334	4.591	0.918	2.550E-12	-5.134	0.000	0.000E+00	4.996	0.999	3.286E-12	-7.591	0.000	0.000E+00	48.745	9.749	3.053E-09	22.655	4.531	3.065E-10	-6.805	0.000	0.000E+00
335	10.619	2.124	3.156E-11	8.527	1.705	1.634E-11	-3.284	0.000	0.000E+00	11.484	2.297	3.992E-11	16.151	3.230	1.110E-10	17.419	3.484	1.393E-10	6.476	1.295	7.158E-12
336	42.177	8.435	1.978E-09	35.594	7.119	1.189E-09	-5.208	0.000	0.000E+00	12.638	2.528	5.320E-11	23.568	4.714	3.450E-10	12.532	2.506	5.187E-11	6.762	1.352	8.148E-12
337	11.545	2.309	4.056E-11	8.457	1.691	1.594E-11	3.730	0.746	1.368E-12	12.661	2.532	5.350E-11	25.396	5.079	4.317E-10	3.958	0.792	1.634E-12	6.685	1.337	7.872E-12
338	-8.673	0.000	0.000E+00	54.647	10.929	4.301E-09	6.323	1.265	6.662E-12	-15.855	0.000	0.000E+00	32.025	6.405	8.657E-10	-3.331	0.000	0.000E+00	7.368	1.474	1.054E-11
339	6.798	1.360	8.281E-12	11.558	2.312	4.070E-11	-7.354	0.000	0.000E+00	6.904	1.381	8.675E-12	11.879	2.376	4.418E-11	8.526	1.705	1.634E-11	-3.909	0.000	0.000E+00
340	12.354	2.471	4.969E-11	6.016	1.203	5.737E-12	9.209	1.842	2.058E-11	10.276	2.055	2.860E-11	11.844	2.369	4.379E-11	-6.275	0.000	0.000E+00	11.287	2.257	3.790E-11
341	-6.445	0.000	0.000E+00	8.386	1.677	1.555E-11	7.163	1.433	9.688E-12	-10.306	0.000	0.000E+00	8.779	1.756	1.783E-11	10.216	2.043	2.811E-11	26.162	5.232	4.720E-10
342	10.215	2.043	2.810E-11	-7.089	0.000	0.000E+00	7.019	1.404	9.112E-12	47.917	9.583	2.900E-09	7.193	1.439	9.810E-12	-4.251	0.000	0.000E+00	27.383	5.477	5.412E-10
343	46.136	9.227	2.588E-09	-5.460	0.000	0.000E+00	9.185	1.837	2.042E-11	-10.723	0.000	0.000E+00	-5.211	0.000	0.000E+00	-13.392	0.000	0.000E+00	-8.214	0.000	0.000E+00
344	9.154	1.831	2.022E-11	-11.448	0.000	0.000E+00	-9.380	0.000	0.000E+00	-6.219	0.000	0.000E+00	59.655	11.931	5.595E-09	7.508	1.502	1.115E-11	8.122	1.624	1.412E-11
345	-9.739	0.000	0.000E+00	-7.849	0.000	0.000E+00	-6.143	0.000	0.000E+00	-4.149	0.000	0.000E+00	7.207	1.441	9.867E-12	5.555	1.111	4.518E-12	7.885	1.577	1.292E-11
346	31.426	6.285	8.180E-10	5.175	1.035	3.654E-12	6.152	1.230	6.137E-12	24.541	4.908	3.896E-10	-5.963	0.000	0.000E+00	-5.214	0.000	0.000E+00	9.764	1.953	2.453E-11
347	10.518	2.104	3.067E-11	9.196	1.839	2.050E-11	6.735	1.347	8.053E-12	7.944	1.589	1.321E-11	4.474	0.895	2.306E-12	-5.384	0.000	0.000E+00	9.497	1.899	2.258E-11
348	15.766	3.153	1.033E-10	-5.709	0.000	0.000E+00	5.251	1.050	3.816E-12	-7.197	0.000	0.000E+00	8.296	1.659	1.505E-11	-6.857	0.000	0.000E+00	-7.423	0.000	0.000E+00
349	-12.061	0.000	0.000E+00	6.685	1.337	7.873E-12	8.594	1.719	1.673E-11	10.405	2.081	2.969E-11	5.567	1.113	4.547E-12	-8.263	0.000	0.000E+00	4.844	0.969	2.996E-12
350	7.298	1.460	1.024E-11	15.786	3.157	1.037E-10	6.865	1.373	8.526E-12	7.598	1.520	1.156E-11	10.117	2.023	2.730E-11	9.796	1.959	2.478E-11	-2.967	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
351	-5.538	0.000	0.000E+00	45.130	9.026	2.423E-09	7.301	1.460	1.026E-11	29.163	5.833	6.537E-10	124.211	24.842	5.051E-08	8.980	1.796	1.909E-11	7.052	1.410	9.245E-12
352	-4.963	0.000	0.000E+00	9.655	1.931	2.372E-11	-5.943	0.000	0.000E+00	17.874	3.575	1.505E-10	-4.588	0.000	0.000E+00	-6.990	0.000	0.000E+00	127.914	25.583	5.516E-08
353	-5.032	0.000	0.000E+00	7.692	1.538	1.199E-11	47.308	9.462	2.791E-09	-9.545	0.000	0.000E+00	10.028	2.006	2.658E-11	8.673	1.735	1.720E-11	10.224	2.045	2.817E-11
354	3.450	0.690	1.083E-12	4.723	0.945	2.777E-12	4.466	0.893	2.348E-12	-4.576	0.000	0.000E+00	9.208	1.842	2.058E-11	28.589	5.718	6.159E-10	25.071	5.014	4.154E-10
355	6.479	1.296	7.169E-12	11.203	2.241	3.706E-11	8.768	1.754	1.776E-11	55.886	11.177	4.600E-09	46.750	9.350	2.693E-09	11.464	2.293	3.971E-11	-9.920	0.000	0.000E+00
356	9.391	1.878	2.183E-11	8.699	1.740	1.735E-11	11.983	2.397	4.536E-11	43.439	8.688	2.160E-09	-3.758	0.000	0.000E+00	-8.333	0.000	0.000E+00	-3.568	0.000	0.000E+00
357	-7.297	0.000	0.000E+00	35.244	7.049	1.154E-09	6.815	1.363	8.344E-12	10.315	2.063	2.892E-11	9.932	1.986	2.583E-11	3.657	0.731	1.289E-12	9.397	1.879	2.187E-11
358	7.258	1.452	1.008E-11	-11.752	0.000	0.000E+00	16.820	3.364	1.254E-10	6.049	1.210	5.833E-12	-8.542	0.000	0.000E+00	-7.886	0.000	0.000E+00	8.827	1.765	1.813E-11
359	7.886	1.577	1.293E-11	-10.994	0.000	0.000E+00	10.043	2.009	2.670E-11	24.563	4.913	3.906E-10	-6.599	0.000	0.000E+00	-4.893	0.000	0.000E+00	-5.251	0.000	0.000E+00
360	13.034	2.607	5.836E-11	7.289	1.458	1.021E-11	8.625	1.725	1.691E-11	16.532	3.306	1.191E-10	43.291	8.658	2.138E-09	6.440	1.288	7.039E-12	4.944	0.989	3.185E-12
361	-8.582	0.000	0.000E+00	11.129	2.226	3.633E-11	-8.742	0.000	0.000E+00	32.046	6.409	8.674E-10	31.616	6.323	8.329E-10	12.461	2.492	5.100E-11	4.733	0.947	2.795E-12
362	-9.203	0.000	0.000E+00	-5.250	0.000	0.000E+00	9.389	1.878	2.182E-11	11.933	2.387	4.478E-11	-22.209	0.000	0.000E+00	-7.187	0.000	0.000E+00	-3.375	0.000	0.000E+00
363	7.641	1.528	1.176E-11	-4.598	0.000	0.000E+00	33.318	6.664	9.748E-10	75.580	15.116	1.138E-08	37.648	7.530	1.406E-09	-11.413	0.000	0.000E+00	16.644	3.329	1.215E-10
364	-7.600	0.000	0.000E+00	7.114	1.423	9.491E-12	5.501	1.100	4.389E-12	13.179	2.636	6.033E-11	22.073	4.415	2.834E-10	-6.866	0.000	0.000E+00	10.203	2.041	2.799E-11
365	21.909	4.382	2.772E-10	-16.206	0.000	0.000E+00	-6.039	0.000	0.000E+00	6.179	1.236	6.218E-12	49.725	9.945	3.241E-09	18.292	3.658	1.613E-10	4.087	0.817	1.799E-12
366	5.539	1.108	4.480E-12	9.973	1.995	2.615E-11	5.425	1.085	4.209E-12	7.928	1.586	1.313E-11	6.839	1.368	8.430E-12	-5.791	0.000	0.000E+00	9.675	1.935	2.387E-11
367	8.904	1.781	1.861E-11	-7.543	0.000	0.000E+00	37.666	7.533	1.408E-09	79.612	15.922	1.330E-08	7.231	1.446	9.965E-12	42.409	8.482	2.010E-09	-8.647	0.000	0.000E+00
368	12.233	2.447	4.824E-11	-4.915	0.000	0.000E+00	3.672	0.734	1.305E-12	12.450	2.490	5.086E-11	-8.074	0.000	0.000E+00	39.904	7.981	1.675E-09	-5.025	0.000	0.000E+00
369	7.008	1.402	9.071E-12	-7.076	0.000	0.000E+00	-5.393	0.000	0.000E+00	10.387	2.077	2.954E-11	9.934	1.987	2.583E-11	-6.970	0.000	0.000E+00	6.606	1.321	7.599E-12
370	-10.177	0.000	0.000E+00	5.010	1.002	3.314E-12	-8.485	0.000	0.000E+00	26.460	5.292	4.883E-10	-41.921	0.000	0.000E+00	-8.364	0.000	0.000E+00	8.708	1.742	1.741E-11
371	19.278	3.856	1.888E-10	10.890	2.178	3.404E-11	-8.379	0.000	0.000E+00	100.225	20.045	2.653E-08	-4.203	0.000	0.000E+00	9.871	1.974	2.535E-11	-4.910	0.000	0.000E+00
372	10.192	2.038	2.791E-11	87.852	17.570	1.787E-08	-13.421	0.000	0.000E+00	7.334	1.467	1.040E-11	37.772	7.554	1.420E-09	-4.913	0.000	0.000E+00	12.694	2.539	5.391E-11
373	5.152	1.030	3.603E-12	10.667	2.133	3.199E-11	7.739	1.548	1.222E-11	21.111	4.222	2.480E-10	27.750	5.550	5.632E-10	4.993	0.999	3.281E-12	37.644	7.529	1.406E-09
374	-8.192	0.000	0.000E+00	-11.362	0.000	0.000E+00	12.053	2.411	4.616E-11	6.789	1.358	8.246E-12	-9.591	0.000	0.000E+00	-10.738	0.000	0.000E+00	-6.183	0.000	0.000E+00
375	-9.862	0.000	0.000E+00	21.363	4.273	2.570E-10	-15.493	0.000	0.000E+00	8.152	1.630	1.428E-11	5.809	1.162	5.166E-12	39.265	7.853	1.596E-09	10.958	2.192	3.468E-11
376	57.102	11.420	4.907E-09	6.845	1.369	8.451E-12	7.402	1.480	1.069E-11	69.332	13.866	8.784E-09	11.789	2.358	4.319E-11	32.012	6.402	8.647E-10	-6.661	0.000	0.000E+00
377	57.018	11.404	4.886E-09	7.288	1.458	1.020E-11	10.714	2.143	3.241E-11	-46.913	0.000	0.000E+00	41.035	8.207	1.821E-09	-7.231	0.000	0.000E+00	-5.943	0.000	0.000E+00
378	-6.956	0.000	0.000E+00	7.338	1.468	1.041E-11	24.258	4.852	3.762E-10	11.578	2.316	4.091E-11	8.298	1.660	1.506E-11	-6.428	0.000	0.000E+00	9.802	1.960	2.482E-11
379	31.162	6.232	7.975E-10	-6.553	0.000	0.000E+00	7.997	1.599	1.348E-11	25.187	5.037	4.211E-10	9.897	1.979	2.555E-11	16.361	3.272	1.154E-10	78.782	15.756	1.289E-08
380	12.730	2.546	5.438E-11	10.433	2.087	2.993E-11	9.536	1.907	2.285E-11	12.498	2.500	5.145E-11	16.685	3.337	1.224E-10	11.369	2.274	3.873E-11	11.151	2.230	3.655E-11
381	-6.157	0.000	0.000E+00	-6.535	0.000	0.000E+00	-12.137	0.000	0.000E+00	83.207	16.641	1.518E-08	7.197	1.439	9.823E-12	11.114	2.223	3.618E-11	40.881	8.176	1.801E-09
382	12.941	2.588	5.712E-11	10.293	2.059	2.874E-11	8.499	1.700	1.618E-11	-9.972	0.000	0.000E+00	-6.411	0.000	0.000E+00	75.255	15.051	1.123E-08	11.186	2.237	3.689E-11
383	10.607	2.121	3.146E-11	-6.867	0.000	0.000E+00	20.654	4.131	2.322E-10	10.809	2.162	3.328E-11	-7.514	0.000	0.000E+00	4.276	0.855	2.060E-12	14.202	2.840	7.550E-11
384	-10.909	0.000	0.000E+00	8.255	1.651	1.483E-11	9.734	1.947	2.431E-11	7.664	1.533	1.186E-11	8.808	1.762	1.801E-11	5.248	1.050	3.809E-12	36.973	7.395	1.332E-09
385	-9.276	0.000	0.000E+00	5.583	1.117	4.586E-12	-7.065	0.000	0.000E+00	8.508	1.702	1.623E-11	-4.867	0.000	0.000E+00	6.778	1.356	8.208E-12	-13.587	0.000	0.000E+00
386	7.959	1.592	1.329E-11	17.495	3.499	1.411E-10	-11.574	0.000	0.000E+00	4.875	0.975	3.053E-12	9.954	1.991	2.599E-11	-7.537	0.000	0.000E+00	12.334	2.467	4.945E-11
387	40.098	8.020	1.699E-09	12.338	2.468	4.950E-11	6.324	1.265	6.665E-12	22.918	4.584	3.173E-10	-4.089	0.000	0.000E+00	16.466	3.293	1.177E-10	39.402	7.880	1.612E-09
388	20.057	4.011	2.127E-10	50.331	10.066	3.360E-09	-8.574	0.000	0.000E+00	73.896	14.779	1.064E-08	27.466	5.493	5.461E-10	-9.844	0.000	0.000E+00	6.077	1.215	5.914E-12
389	13.439	2.688	6.397E-11	20.228	4.046	2.182E-10	13.407	2.681	6.352E-11	9.914	1.983	2.568E-11	34.093	6.819	1.044E-09	15.939	3.188	1.067E-10	-5.943	0.000	0.000E+00
390	44.059	8.812	2.254E-09	-6.869	0.000	0.000E+00	13.095	2.619	5.918E-11	9.430	1.886	2.210E-11	10.007	2.001	2.641E-11	6.590	1.318	7.543E-12	7.070	1.414	9.316E-12
391	6.980	1.396	8.962E-12	-5.469	0.000	0.000E+00	30.018	6.004	7.129E-10	18.327	3.665	1.622E-10	8.691	1.738	1.730E-11	-8.040	0.000	0.000E+00	-6.166	0.000	0.000E+00
392	6.045	1.209	5.821E-12	25.710	5.142	4.479E-10	5.768	1.154	5.057E-12	45.533	9.107	2.488E-09	39.935	7.987	1.679E-09	-5.689	0.000	0.000E+00	48.016	9.603	2.918E-09
393	46.591	9.318	2.666E-09	8.788	1.758	1.789E-11	5.042	1.008	3.378E-12	6.186	1.237	6.238E-12	-6.069	0.000	0.000E+00	-6.273	0.000	0.000E+00	11.463	2.293	3.970E-11
394	-7.227	0.000	0.000E+00	5.660	1.132	4.779E-12	41.277	8.255	1.854E-09	6.679	1.336	7.853E-12	10.474	2.095	3.028E-11	7.955	1.591	1.327E-11	12.026	2.405	4.584E-11
395	-4.173	0.000	0.000E+00	4.712	0.942	2.757E-12	10.543	2.109	3.089E-11	-5.065	0.000	0.000E+00	6.873	1.375	8.556E-12	7.372	1.474	1.056E-11	19.067	3.813	1.827E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
396	-7.409	0.000	0.000E+00	10.391	2.078	2.957E-11	8.626	1.725	1.692E-11	38.874	7.775	1.548E-09	45.362	9.072	2.460E-09	5.749	1.150	5.009E-12	6.773	1.355	8.189E-12
397	9.531	1.906	2.282E-11	-6.053	0.000	0.000E+00	-3.391	0.000	0.000E+00	-8.017	0.000	0.000E+00	-4.268	0.000	0.000E+00	9.109	1.822	1.992E-11	-7.616	0.000	0.000E+00
398	30.518	6.104	7.492E-10	8.269	1.654	1.490E-11	3.977	0.795	1.658E-12	-7.726	0.000	0.000E+00	12.882	2.576	5.634E-11	6.950	1.390	8.848E-12	-7.064	0.000	0.000E+00
399	8.013	1.603	1.356E-11	11.681	2.336	4.200E-11	10.413	2.083	2.976E-11	51.132	10.226	3.523E-09	-7.316	0.000	0.000E+00	10.434	2.087	2.994E-11	19.814	3.963	2.050E-10
400	45.054	9.011	2.410E-09	42.745	8.549	2.058E-09	-6.854	0.000	0.000E+00	9.208	1.842	2.058E-11	6.577	1.315	7.498E-12	-7.800	0.000	0.000E+00	40.770	8.154	1.786E-09
401	45.610	9.122	2.501E-09	-7.155	0.000	0.000E+00	48.184	9.637	2.948E-09	9.017	1.803	1.932E-11	50.579	10.116	3.410E-09	38.181	7.636	1.467E-09	-5.687	0.000	0.000E+00
402	7.287	1.457	1.020E-11	-5.837	0.000	0.000E+00	5.909	1.182	5.438E-12	128.886	25.777	5.643E-08	10.053	2.011	2.677E-11	13.262	2.652	6.148E-11	61.491	12.298	6.128E-09
403	7.318	1.464	1.033E-11	48.264	9.653	2.963E-09	40.901	8.180	1.803E-09	4.413	0.883	2.265E-12	71.896	14.379	9.795E-09	10.265	2.053	2.850E-11	27.468	5.494	5.463E-10
404	9.283	1.857	2.108E-11	5.622	1.124	4.684E-12	-9.859	0.000	0.000E+00	10.871	2.174	3.386E-11	7.236	1.447	9.986E-12	8.979	1.796	1.908E-11	7.561	1.512	1.139E-11
405	8.903	1.781	1.860E-11	27.220	5.444	5.315E-10	5.391	1.078	4.130E-12	9.949	1.990	2.596E-11	8.293	1.659	1.503E-11	5.367	1.073	4.074E-12	4.993	0.999	3.281E-12
406	11.384	2.277	3.888E-11	-13.164	0.000	0.000E+00	-11.468	0.000	0.000E+00	-4.809	0.000	0.000E+00	11.054	2.211	3.560E-11	9.915	1.983	2.569E-11	26.283	5.257	4.785E-10
407	5.896	1.179	5.401E-12	-4.545	0.000	0.000E+00	-12.042	0.000	0.000E+00	9.563	1.913	2.305E-11	10.773	2.155	3.295E-11	11.389	2.278	3.893E-11	-7.338	0.000	0.000E+00
408	-10.288	0.000	0.000E+00	8.612	1.722	1.684E-11	39.934	7.987	1.679E-09	9.495	1.899	2.256E-11	6.613	1.323	7.623E-12	20.752	4.150	2.356E-10	12.967	2.593	5.747E-11
409	7.727	1.545	1.216E-11	32.776	6.555	9.280E-10	24.917	4.983	4.077E-10	-5.999	0.000	0.000E+00	7.082	1.416	9.361E-12	-22.323	0.000	0.000E+00	12.852	2.570	5.595E-11
410	39.484	7.897	1.622E-09	6.788	1.358	8.245E-12	-9.232	0.000	0.000E+00	5.946	1.189	5.540E-12	9.374	1.875	2.171E-11	-32.396	0.000	0.000E+00	-5.992	0.000	0.000E+00
411	-12.644	0.000	0.000E+00	-5.115	0.000	0.000E+00	-6.353	0.000	0.000E+00	22.729	4.546	3.095E-10	10.900	2.180	3.413E-11	4.884	0.977	3.071E-12	5.360	1.072	4.059E-12
412	30.657	6.131	7.594E-10	47.298	9.460	2.789E-09	27.201	5.440	5.305E-10	-4.874	0.000	0.000E+00	12.971	2.594	5.752E-11	19.957	3.991	2.095E-10	-10.259	0.000	0.000E+00
413	5.500	1.100	4.386E-12	-5.185	0.000	0.000E+00	34.399	6.880	1.073E-09	-5.311	0.000	0.000E+00	8.098	1.620	1.400E-11	17.588	3.518	1.434E-10	-10.551	0.000	0.000E+00
414	13.245	2.649	6.124E-11	44.968	8.994	2.397E-09	12.317	2.463	4.925E-11	45.751	9.150	2.524E-09	17.840	3.568	1.496E-10	-10.319	0.000	0.000E+00	-8.963	0.000	0.000E+00
415	9.518	1.904	2.272E-11	6.987	1.397	8.989E-12	-4.978	0.000	0.000E+00	42.247	8.449	1.987E-09	24.344	4.869	3.802E-10	-10.203	0.000	0.000E+00	13.183	2.637	6.038E-11
416	56.572	11.314	4.772E-09	8.349	1.670	1.534E-11	87.851	17.570	1.787E-08	7.145	1.429	9.616E-12	8.315	1.663	1.515E-11	-8.793	0.000	0.000E+00	17.099	3.420	1.318E-10
417	9.863	1.973	2.528E-11	17.453	3.491	1.401E-10	17.431	3.486	1.396E-10	-5.411	0.000	0.000E+00	5.002	1.000	3.298E-12	8.483	1.697	1.609E-11	8.285	1.657	1.499E-11
418	26.455	5.291	4.880E-10	-7.560	0.000	0.000E+00	11.957	2.391	4.506E-11	5.933	1.187	5.505E-12	38.357	7.671	1.487E-09	14.517	2.903	8.063E-11	9.278	1.856	2.105E-11
419	-5.393	0.000	0.000E+00	35.793	7.159	1.209E-09	32.325	6.465	8.903E-10	8.596	1.719	1.674E-11	-30.042	0.000	0.000E+00	10.171	2.034	2.773E-11	-5.445	0.000	0.000E+00
420	17.361	3.472	1.379E-10	-22.373	0.000	0.000E+00	-9.299	0.000	0.000E+00	-11.481	0.000	0.000E+00	11.231	2.246	3.733E-11	39.017	7.803	1.565E-09	46.553	9.311	2.659E-09
421	6.033	1.207	5.788E-12	7.887	1.577	1.293E-11	15.186	3.037	9.231E-11	6.928	1.386	8.765E-12	10.683	2.137	3.213E-11	7.218	1.444	9.912E-12	-14.854	0.000	0.000E+00
422	82.444	16.489	1.477E-08	6.641	1.328	7.720E-12	41.905	8.381	1.939E-09	-8.085	0.000	0.000E+00	5.632	1.126	4.707E-12	-7.927	0.000	0.000E+00	15.661	3.132	1.012E-10
423	6.667	1.333	7.809E-12	-6.468	0.000	0.000E+00	21.805	4.361	2.732E-10	63.372	12.674	6.708E-09	7.355	1.471	1.049E-11	15.931	3.186	1.066E-10	26.461	5.292	4.883E-10
424	9.545	1.909	2.292E-11	11.928	2.386	4.473E-11	49.300	9.860	3.158E-09	-6.166	0.000	0.000E+00	66.845	13.369	7.872E-09	17.716	3.543	1.466E-10	-7.068	0.000	0.000E+00
425	26.480	5.296	4.894E-10	8.468	1.694	1.600E-11	6.648	1.330	7.743E-12	81.840	16.368	1.445E-08	-7.333	0.000	0.000E+00	40.046	8.009	1.693E-09	-17.592	0.000	0.000E+00
426	45.966	9.193	2.560E-09	-7.228	0.000	0.000E+00	-8.226	0.000	0.000E+00	64.924	12.985	7.213E-09	58.424	11.685	5.256E-09	10.546	2.109	3.092E-11	49.026	9.805	3.106E-09
427	10.468	2.094	3.024E-11	-4.487	0.000	0.000E+00	-6.489	0.000	0.000E+00	40.654	8.131	1.771E-09	-4.859	0.000	0.000E+00	42.833	8.567	2.071E-09	22.633	4.527	3.056E-10
428	8.372	1.674	1.547E-11	15.200	3.040	9.255E-11	34.551	6.910	1.087E-09	-6.373	0.000	0.000E+00	15.536	3.107	9.884E-11	96.855	19.371	2.395E-08	10.791	2.158	3.312E-11
429	7.797	1.559	1.249E-11	7.208	1.442	9.869E-12	9.508	1.902	2.265E-11	82.715	16.543	1.492E-08	-11.577	0.000	0.000E+00	-7.295	0.000	0.000E+00	17.690	3.538	1.459E-10
430	-7.036	0.000	0.000E+00	7.553	1.511	1.136E-11	-10.434	0.000	0.000E+00	9.248	1.850	2.085E-11	8.282	1.656	1.497E-11	43.843	8.769	2.221E-09	-8.606	0.000	0.000E+00
431	33.170	6.634	9.619E-10	-8.556	0.000	0.000E+00	74.998	15.000	1.112E-08	84.175	16.835	1.572E-08	38.546	7.709	1.510E-09	-9.691	0.000	0.000E+00	-7.069	0.000	0.000E+00
432	5.552	1.110	4.512E-12	8.214	1.643	1.461E-11	6.270	1.254	6.495E-12	9.974	1.995	2.615E-11	-7.063	0.000	0.000E+00	8.316	1.663	1.516E-11	8.942	1.788	1.884E-11
433	-7.632	0.000	0.000E+00	-6.140	0.000	0.000E+00	25.445	5.089	4.342E-10	6.949	1.390	8.842E-12	-7.976	0.000	0.000E+00	7.226	1.445	9.945E-12	13.261	2.652	6.146E-11
434	11.296	2.259	3.799E-11	36.308	7.262	1.262E-09	43.858	8.772	2.223E-09	9.384	1.877	2.178E-11	6.857	1.371	8.496E-12	41.996	8.399	1.952E-09	93.283	18.657	2.139E-08
435	4.822	0.964	2.955E-12	9.624	1.925	2.349E-11	-7.689	0.000	0.000E+00	5.884	1.177	5.370E-12	13.050	2.610	5.857E-11	16.284	3.257	1.138E-10	8.192	1.638	1.449E-11
436	21.645	4.329	2.673E-10	22.487	4.497	2.997E-10	6.422	1.284	6.980E-12	90.336	18.067	1.943E-08	7.239	1.448	9.996E-12	30.091	6.018	7.181E-10	-5.944	0.000	0.000E+00
437	-23.242	0.000	0.000E+00	-14.917	0.000	0.000E+00	25.828	5.166	4.541E-10	12.479	2.496	5.121E-11	9.048	1.810	1.423E-11	8.142	1.628	1.423E-11	12.555	2.511	5.216E-11
438	10.427	2.085	2.988E-11	-6.910	0.000	0.000E+00	8.453	1.691	1.592E-11	8.725	1.745	1.751E-11	30.516	6.103	7.490E-10	7.239	1.448	9.999E-12	10.074	2.015	2.695E-11
439	-7.773	0.000	0.000E+00	32.401	6.480	8.965E-10	-10.107	0.000	0.000E+00	83.278	16.656	1.522E-08	11.619	2.324	4.134E-11	6.420	1.284	6.973E-12	7.549	1.510	1.134E-11
440	26.744	5.349	5.042E-10	-9.348	0.000	0.000E+00	-8.396	0.000	0.000E+00	7.377	1.475	1.058E-11	-4.958	0.000	0.000E+00	67.765	13.553	8.202E-09	7.611	1.522	1.162E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
441	-5.609	0.000	0.000E+00	18.407	3.681	1.644E-10	-5.790	0.000	0.000E+00	17.743	3.549	1.472E-10	11.008	2.202	3.516E-11	7.069	1.414	9.312E-12	22.678	4.536	3.074E-10
442	-6.367	0.000	0.000E+00	-20.966	0.000	0.000E+00	3.322	0.664	9.665E-13	8.334	1.667	1.526E-11	-5.227	0.000	0.000E+00	9.698	1.940	2.404E-11	16.584	3.317	1.202E-10
443	12.580	2.516	5.247E-11	24.158	4.832	3.716E-10	-8.108	0.000	0.000E+00	41.087	8.217	1.828E-09	9.964	1.993	2.608E-11	9.723	1.945	2.423E-11	-9.503	0.000	0.000E+00
444	14.063	2.813	7.330E-11	7.529	1.506	1.125E-11	15.748	3.150	1.029E-10	6.824	1.365	8.374E-12	6.538	1.308	7.367E-12	38.747	7.749	1.533E-09	6.644	1.329	7.729E-12
445	9.342	1.868	2.149E-11	-7.346	0.000	0.000E+00	15.192	3.038	9.242E-11	90.688	18.138	1.966E-08	9.626	1.925	2.351E-11	35.373	7.075	1.167E-09	7.245	1.449	1.002E-11
446	86.547	17.309	1.709E-08	27.223	5.445	5.318E-10	11.094	2.219	3.598E-11	7.787	1.557	1.244E-11	13.325	2.665	6.236E-11	24.875	4.975	4.057E-10	12.254	2.451	4.850E-11
447	-10.990	0.000	0.000E+00	19.919	3.984	2.083E-10	-8.799	0.000	0.000E+00	15.845	3.169	1.049E-10	16.452	3.290	1.174E-10	5.650	1.130	4.755E-12	-6.008	0.000	0.000E+00
448	6.466	1.293	7.124E-12	13.832	2.766	6.975E-11	6.336	1.267	6.705E-12	76.332	15.266	1.172E-08	11.439	2.288	3.945E-11	10.198	2.040	2.795E-11	7.518	1.504	1.120E-11
449	16.324	3.265	1.146E-10	10.475	2.095	3.029E-11	14.025	2.805	7.271E-11	-6.477	0.000	0.000E+00	11.169	2.234	3.672E-11	7.488	1.498	1.107E-11	9.529	1.906	2.281E-11
450	32.207	6.441	8.805E-10	80.195	16.039	1.359E-08	9.676	1.935	2.387E-11	7.784	1.557	1.243E-11	13.192	2.638	6.051E-11	-6.757	0.000	0.000E+00	-13.923	0.000	0.000E+00
451	7.127	1.425	9.543E-12	87.665	17.533	1.776E-08	7.436	1.487	1.084E-11	6.101	1.220	5.984E-12	53.680	10.736	4.077E-09	34.288	6.858	1.062E-09	7.477	1.495	1.102E-11
452	10.944	2.189	3.455E-11	-6.302	0.000	0.000E+00	17.522	3.504	1.418E-10	77.261	15.452	1.216E-08	9.891	1.978	2.550E-11	9.457	1.891	2.229E-11	6.837	1.367	8.423E-12
453	24.568	4.914	3.908E-10	12.674	2.535	5.365E-11	11.344	2.269	3.848E-11	17.188	3.438	1.338E-10	-7.727	0.000	0.000E+00	9.969	1.994	2.611E-11	9.210	1.842	2.059E-11
454	-15.266	0.000	0.000E+00	-8.996	0.000	0.000E+00	4.929	0.986	3.156E-12	31.681	6.336	8.381E-10	-6.591	0.000	0.000E+00	7.270	1.454	1.013E-11	16.286	3.257	1.138E-10
455	-9.132	0.000	0.000E+00	49.084	9.817	3.117E-09	9.841	1.968	2.512E-11	32.140	6.428	8.750E-10	9.614	1.923	2.342E-11	9.075	1.815	1.970E-11	7.564	1.513	1.140E-11
456	6.598	1.320	7.571E-12	-19.603	0.000	0.000E+00	6.409	1.282	6.939E-12	9.474	1.895	2.241E-11	8.640	1.728	1.700E-11	-5.092	0.000	0.000E+00	-6.964	0.000	0.000E+00
457	33.684	6.737	1.007E-09	-5.270	0.000	0.000E+00	-7.825	0.000	0.000E+00	-6.518	0.000	0.000E+00	10.481	2.096	3.035E-11	11.532	2.306	4.042E-11	30.388	6.078	7.396E-10
458	38.464	7.693	1.500E-09	6.641	1.328	7.719E-12	8.272	1.654	1.492E-11	6.027	1.205	5.769E-12	-4.373	0.000	0.000E+00	5.623	1.125	4.686E-12	9.198	1.840	2.051E-11
459	7.948	1.590	1.323E-11	-6.785	0.000	0.000E+00	9.295	1.859	2.116E-11	25.995	5.199	4.630E-10	3.643	0.729	1.274E-12	8.580	1.716	1.665E-11	10.584	2.117	3.125E-11
460	7.489	1.498	1.107E-11	11.567	2.313	4.079E-11	-6.560	0.000	0.000E+00	89.892	17.978	1.915E-08	12.676	2.535	5.368E-11	-7.777	0.000	0.000E+00	8.417	1.683	1.571E-11
461	-4.865	0.000	0.000E+00	-7.687	0.000	0.000E+00	51.499	10.300	3.600E-09	31.102	6.220	7.929E-10	12.490	2.498	5.136E-11	33.655	6.731	1.005E-09	13.700	2.740	6.777E-11
462	36.783	7.357	1.312E-09	7.530	1.506	1.125E-11	47.531	9.506	2.830E-09	9.075	1.815	1.970E-11	-5.861	0.000	0.000E+00	5.425	1.085	4.209E-12	-7.087	0.000	0.000E+00
463	9.629	1.926	2.353E-11	33.553	6.711	9.956E-10	5.167	1.033	6.635E-12	6.329	1.266	6.681E-12	40.743	8.149	1.783E-09	6.624	1.325	7.662E-12	82.319	16.464	1.470E-08
464	10.257	2.051	2.844E-11	-28.076	0.000	0.000E+00	13.772	2.754	6.885E-11	14.232	2.846	7.597E-11	4.799	0.960	2.913E-12	26.431	5.286	4.867E-10	-5.810	0.000	0.000E+00
465	-7.584	0.000	0.000E+00	9.007	1.801	1.926E-11	5.002	1.000	3.299E-12	3.854	0.771	1.508E-12	-7.935	0.000	0.000E+00	8.920	1.784	1.870E-11	14.011	2.802	7.249E-11
466	-6.760	0.000	0.000E+00	-6.906	0.000	0.000E+00	9.435	1.887	2.214E-11	11.582	2.316	4.094E-11	11.766	2.353	4.293E-11	21.876	4.375	2.759E-10	83.521	16.704	1.536E-08
467	9.561	1.912	2.304E-11	7.160	1.432	9.675E-12	9.266	1.853	2.097E-11	-3.756	0.000	0.000E+00	13.688	2.738	6.759E-11	-7.976	0.000	0.000E+00	9.558	1.912	2.301E-11
468	5.725	1.145	4.947E-12	10.979	2.196	3.488E-11	12.705	2.541	5.405E-11	5.905	1.181	5.427E-12	-10.983	0.000	0.000E+00	-8.360	0.000	0.000E+00	8.575	1.715	1.662E-11
469	18.309	3.662	1.618E-10	-9.143	0.000	0.000E+00	30.715	6.143	7.637E-10	25.159	5.032	4.197E-10	42.855	8.571	2.074E-09	6.301	1.260	6.592E-12	94.164	18.833	2.201E-08
470	23.587	4.717	3.459E-10	78.998	15.800	1.299E-08	-4.531	0.000	0.000E+00	7.529	1.506	1.125E-11	-33.592	0.000	0.000E+00	-7.211	0.000	0.000E+00	37.563	7.513	1.397E-09
471	9.199	1.840	2.051E-11	-10.360	0.000	0.000E+00	17.410	3.482	1.391E-10	-9.358	0.000	0.000E+00	6.920	1.384	8.734E-12	9.499	1.900	2.259E-11	5.661	1.132	4.780E-12
472	9.805	1.961	2.484E-11	30.055	6.011	7.155E-10	38.285	7.657	1.479E-09	9.628	1.926	2.352E-11	-7.283	0.000	0.000E+00	43.801	8.760	2.215E-09	14.222	2.844	7.581E-11
473	9.666	1.933	2.380E-11	21.279	4.256	2.539E-10	9.707	1.941	2.411E-11	-5.021	0.000	0.000E+00	14.344	2.869	7.778E-11	41.548	8.310	1.890E-09	5.870	1.174	5.330E-12
474	6.124	1.225	6.054E-12	5.972	1.194	5.615E-12	9.676	1.935	2.388E-11	12.730	2.546	5.498E-11	7.156	1.431	9.660E-12	13.743	2.749	6.842E-11	11.153	2.231	3.656E-11
475	14.710	2.942	8.389E-11	92.671	18.534	2.098E-08	6.033	1.207	5.787E-12	78.897	15.779	1.294E-08	38.820	7.764	1.542E-09	-5.768	0.000	0.000E+00	54.587	10.917	4.287E-09
476	6.656	1.331	7.773E-12	-10.100	0.000	0.000E+00	6.358	1.272	6.774E-12	5.965	1.193	5.595E-12	-7.593	0.000	0.000E+00	5.019	1.004	3.333E-12	-6.257	0.000	0.000E+00
477	-8.889	0.000	0.000E+00	8.860	1.772	1.833E-11	-9.106	0.000	0.000E+00	-3.658	0.000	0.000E+00	8.389	1.678	1.556E-11	46.289	9.258	2.614E-09	91.884	18.377	2.045E-08
478	10.486	2.097	3.039E-11	72.386	14.477	9.997E-09	-4.903	0.000	0.000E+00	5.687	1.137	4.849E-12	5.914	1.183	5.452E-12	20.775	4.155	2.363E-10	-10.163	0.000	0.000E+00
479	-5.529	0.000	0.000E+00	25.763	5.153	4.507E-10	8.063	1.613	1.382E-11	87.102	17.420	1.742E-08	5.078	1.016	3.451E-12	-5.108	0.000	0.000E+00	-9.280	0.000	0.000E+00
480	25.050	5.010	4.143E-10	12.772	2.554	5.492E-11	26.262	5.252	4.774E-10	36.937	7.387	1.328E-09	-4.887	0.000	0.000E+00	-6.387	0.000	0.000E+00	6.471	1.294	7.142E-12
481	53.711	10.742	4.084E-09	60.935	12.187	5.963E-09	6.913	1.383	8.707E-12	-9.282	0.000	0.000E+00	-5.390	0.000	0.000E+00	4.538	0.908	2.464E-12	-7.121	0.000	0.000E+00
482	9.064	1.813	1.963E-11	14.323	2.865	7.744E-11	73.660	14.732	1.053E-08	51.708	10.342	3.644E-09	6.956	1.391	8.485E-12	10.976	2.195	3.485E-11	79.093	15.819	1.304E-08
483	39.520	7.904	1.627E-09	9.770	1.954	2.458E-11	7.484	1.497	1.105E-11	-8.030	0.000	0.000E+00	-7.567	0.000	0.000E+00	12.842	2.568	5.582E-11	8.387	1.677	1.555E-11
484	36.803	7.361	1.314E-09	5.918	1.184	5.462E-12	-6.515	0.000	0.000E+00	7.021	1.404	9.120E-12	11.936	2.387	4.482E-11	-4.791	0.000	0.000E+00	-7.594	0.000	0.000E+00
485	13.423	2.685	6.374E-11	75.494	15.099	1.134E-08	8.336	1.667	1.527E-11	8.801	1.760	1.797E-11	-10.464	0.000	0.000E+00	7.367	1.473	1.054E-11	79.172	15.834	1.308E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
486	6.675	1.335	7.839E-12	22.423	4.485	2.971E-10	22.134	4.427	2.858E-10	21.721	4.344	2.701E-10	13.989	2.798	7.215E-11	17.232	3.446	1.349E-10	5.204	1.041	3.714E-12
487	9.333	1.867	2.143E-11	94.181	18.836	2.202E-08	46.322	9.264	2.620E-09	8.512	1.702	1.625E-11	-6.129	0.000	0.000E+00	12.824	2.565	5.559E-11	-10.277	0.000	0.000E+00
488	-5.749	0.000	0.000E+00	76.147	15.229	1.164E-08	-8.118	0.000	0.000E+00	-8.335	0.000	0.000E+00	7.011	1.402	9.085E-12	-5.439	0.000	0.000E+00	-11.269	0.000	0.000E+00
489	-8.330	0.000	0.000E+00	9.165	1.833	2.029E-11	70.102	14.020	9.080E-09	92.516	18.503	2.087E-08	-6.902	0.000	0.000E+00	10.711	2.142	3.239E-11	5.879	1.176	5.356E-12
490	10.364	2.073	2.934E-11	-5.823	0.000	0.000E+00	8.993	1.799	1.917E-11	-6.718	0.000	0.000E+00	7.502	1.500	1.113E-11	10.569	2.114	3.112E-11	-8.851	0.000	0.000E+00
491	7.681	1.536	1.194E-11	5.343	1.069	4.019E-12	10.194	2.039	2.792E-11	-6.649	0.000	0.000E+00	72.912	14.582	1.022E-08	37.215	7.443	1.358E-09	10.034	2.007	2.663E-11
492	-9.971	0.000	0.000E+00	11.613	2.323	4.127E-11	-7.838	0.000	0.000E+00	23.171	4.634	3.279E-10	12.780	2.556	5.501E-11	39.547	7.909	1.630E-09	18.110	3.622	1.566E-10
493	8.627	1.725	1.692E-11	80.151	16.030	1.357E-08	10.806	2.161	3.326E-11	18.318	3.664	1.620E-10	8.123	1.625	1.413E-11	6.467	1.293	7.129E-12	11.340	2.268	3.843E-11
494	9.062	1.812	1.961E-11	47.262	9.452	2.782E-09	45.785	9.157	2.530E-09	82.828	16.566	1.498E-08	8.668	1.734	1.716E-11	-6.497	0.000	0.000E+00	-5.404	0.000	0.000E+00
495	-7.925	0.000	0.000E+00	40.188	8.038	1.711E-09	10.492	2.098	3.044E-11	79.237	15.847	1.311E-08	66.380	13.276	7.709E-09	-6.980	0.000	0.000E+00	8.331	1.666	1.524E-11
496	8.891	1.778	1.853E-11	-9.072	0.000	0.000E+00	-6.606	0.000	0.000E+00	17.060	3.412	1.309E-10	6.201	1.240	6.286E-12	78.637	15.727	1.282E-08	71.334	14.267	9.567E-09
497	21.205	4.241	2.513E-10	16.677	3.335	1.222E-10	31.650	6.330	8.356E-10	12.050	2.410	4.612E-11	15.084	3.017	9.047E-11	9.919	1.984	2.572E-11	73.941	14.788	1.065E-08
498	-7.985	0.000	0.000E+00	48.012	9.602	2.917E-09	-22.970	0.000	0.000E+00	10.998	2.200	3.507E-11	8.308	1.662	1.512E-11	50.425	10.085	3.379E-09	31.333	6.267	8.108E-10
499	8.918	1.784	1.870E-11	5.731	1.146	4.961E-12	14.430	2.886	7.920E-11	-9.647	0.000	0.000E+00	10.678	2.136	3.209E-11	10.790	2.158	3.311E-11	-8.420	0.000	0.000E+00
500	6.257	1.251	6.457E-12	48.502	9.700	3.007E-09	67.772	13.554	8.204E-09	4.728	0.946	2.785E-12	-8.305	0.000	0.000E+00	-4.665	0.000	0.000E+00	9.628	1.926	2.352E-11
501	20.121	4.024	2.147E-10	61.759	12.352	6.209E-09	11.322	2.264	3.825E-11	77.316	15.463	1.218E-08	26.065	5.213	4.667E-10	10.775	2.155	3.297E-11	83.747	16.749	1.548E-08
502	-4.705	0.000	0.000E+00	103.768	20.754	2.945E-08	5.500	1.100	4.386E-12	16.937	3.387	1.281E-10	51.824	10.365	3.668E-09	16.282	3.256	1.138E-10	15.016	3.003	8.923E-11
503	34.569	6.914	1.089E-09	-9.248	0.000	0.000E+00	9.570	1.914	2.310E-11	9.318	1.864	2.132E-11	8.947	1.789	1.888E-11	37.723	7.545	1.415E-09	17.111	3.422	1.320E-10
504	11.349	2.270	3.853E-11	58.676	11.735	5.324E-09	6.296	1.259	6.578E-12	17.792	3.558	1.484E-10	-3.970	0.000	0.000E+00	57.814	11.563	5.093E-09	-11.154	0.000	0.000E+00
505	26.671	5.334	5.000E-10	9.351	1.870	2.155E-11	8.676	1.735	1.721E-11	14.989	2.998	8.876E-11	8.002	1.600	1.351E-11	42.589	8.518	2.036E-09	77.057	15.411	1.206E-08
506	-5.159	0.000	0.000E+00	30.765	6.153	7.675E-10	12.149	2.430	4.726E-11	-4.654	0.000	0.000E+00	13.672	2.734	6.736E-11	34.718	6.944	1.103E-09	-20.694	0.000	0.000E+00
507	-5.208	0.000	0.000E+00	7.998	1.600	1.349E-11	8.229	1.646	1.469E-11	15.624	3.125	1.005E-10	15.155	3.031	9.173E-11	32.485	6.497	9.035E-10	6.378	1.276	6.839E-12
508	9.586	1.917	2.322E-11	57.970	11.594	5.135E-09	8.356	1.671	1.538E-11	7.157	1.431	9.662E-12	16.726	3.345	1.233E-10	41.607	8.321	1.898E-09	-11.857	0.000	0.000E+00
509	9.010	1.802	1.928E-11	-9.337	0.000	0.000E+00	-6.351	0.000	0.000E+00	-8.229	0.000	0.000E+00	-14.426	0.000	0.000E+00	-7.822	0.000	0.000E+00	8.417	1.683	1.572E-11
510	8.544	1.709	1.644E-11	11.538	2.308	4.048E-11	7.037	1.407	9.185E-12	5.276	1.055	3.870E-12	28.324	5.665	5.989E-10	6.898	1.380	8.653E-12	9.718	1.944	2.419E-11
511	7.055	1.411	9.257E-12	11.290	2.258	3.793E-11	6.564	1.313	7.453E-12	9.648	1.930	2.367E-11	9.687	1.937	2.396E-11	8.481	1.696	1.608E-11	20.238	4.048	2.185E-10
512	10.257	2.051	2.844E-11	8.492	1.698	1.614E-11	9.375	1.875	2.172E-11	-6.676	0.000	0.000E+00	13.028	2.606	5.828E-11	-6.686	0.000	0.000E+00	8.001	1.600	1.350E-11
513	8.150	1.630	1.427E-11	27.646	5.529	5.569E-10	5.906	1.181	5.429E-12	-10.898	0.000	0.000E+00	30.164	6.033	7.234E-10	-4.335	0.000	0.000E+00	-6.940	0.000	0.000E+00
514	6.671	1.334	7.826E-12	9.962	1.992	2.606E-11	5.768	1.154	5.058E-12	37.115	7.423	1.348E-09	27.889	5.578	5.717E-10	4.831	0.966	2.972E-12	-12.337	0.000	0.000E+00
515	9.571	1.914	2.311E-11	6.625	1.325	7.665E-12	17.718	3.544	1.466E-10	9.431	1.886	2.211E-11	11.393	2.279	3.898E-11	49.348	9.870	3.167E-09	9.363	1.873	2.163E-11
516	6.216	1.243	6.329E-12	15.350	3.070	9.532E-11	26.001	5.200	4.633E-10	-5.959	0.000	0.000E+00	-3.321	0.000	0.000E+00	7.832	1.566	1.266E-11	5.037	1.007	3.368E-12
517	29.395	5.879	6.694E-10	10.001	2.000	2.636E-11	44.586	8.917	2.336E-09	7.093	1.419	9.407E-12	12.044	2.409	4.604E-11	5.961	1.192	5.584E-12	-6.256	0.000	0.000E+00
518	10.745	2.149	3.270E-11	9.023	1.805	1.936E-11	8.772	1.754	1.779E-11	-7.406	0.000	0.000E+00	7.023	1.405	9.128E-12	7.660	1.532	1.185E-11	-4.884	0.000	0.000E+00
519	-6.410	0.000	0.000E+00	11.815	2.363	4.347E-11	7.511	1.502	1.117E-11	5.916	1.183	5.458E-12	12.657	2.531	5.344E-11	6.765	1.353	8.162E-12	75.997	15.199	1.157E-08
520	4.169	0.834	1.909E-12	-8.351	0.000	0.000E+00	35.860	7.172	1.215E-09	6.278	1.256	6.521E-12	-7.489	0.000	0.000E+00	7.802	1.560	1.252E-11	-7.788	0.000	0.000E+00
521	-6.729	0.000	0.000E+00	4.917	0.983	3.134E-12	-4.961	0.000	0.000E+00	-7.393	0.000	0.000E+00	7.783	1.557	1.242E-11	-7.251	0.000	0.000E+00	9.600	1.920	2.332E-11
522	8.173	1.635	1.439E-11	-4.751	0.000	0.000E+00	10.589	2.118	3.129E-11	13.956	2.791	7.164E-11	11.499	2.300	4.008E-11	5.112	1.022	3.521E-12	11.877	2.375	4.416E-11
523	-8.993	0.000	0.000E+00	6.003	1.201	5.701E-12	-12.135	0.000	0.000E+00	7.046	1.409	9.220E-12	34.418	6.884	1.075E-09	-4.631	0.000	0.000E+00	123.569	24.714	4.973E-08
524	17.884	3.577	1.508E-10	-7.428	0.000	0.000E+00	73.826	14.765	1.061E-08	-7.519	0.000	0.000E+00	26.795	5.359	5.071E-10	-7.376	0.000	0.000E+00	8.328	1.666	1.522E-11
525	6.920	1.384	8.735E-12	14.893	2.979	8.706E-11	-15.576	0.000	0.000E+00	7.635	1.527	1.173E-11	24.719	4.944	3.981E-10	6.820	1.364	8.361E-12	-6.809	0.000	0.000E+00
526	6.166	1.233	6.179E-12	-7.692	0.000	0.000E+00	16.263	3.253	1.134E-10	7.914	1.583	1.306E-11	17.526	3.505	1.419E-10	-4.148	0.000	0.000E+00	5.761	1.152	5.040E-12
527	7.234	1.447	9.977E-12	7.578	1.516	1.147E-11	5.392	1.078	4.132E-12	72.500	14.500	1.004E-08	7.424	1.485	1.075E-11	4.707	0.941	2.748E-12	9.518	1.904	2.273E-11
528	11.882	2.376	4.421E-11	-8.727	0.000	0.000E+00	-5.548	0.000	0.000E+00	8.764	1.753	1.774E-11	-4.182	0.000	0.000E+00	44.286	8.857	2.289E-09	12.317	2.463	4.925E-11
529	11.566	2.313	4.078E-11	-6.401	0.000	0.000E+00	9.488	1.898	2.251E-11	78.693	15.739	1.284E-08	-6.311	0.000	0.000E+00	11.165	2.233	3.668E-11	6.444	1.289	7.052E-12
530	8.227	1.645	1.467E-11	12.034	2.407	4.593E-11	-6.621	0.000	0.000E+00	30.446	6.089	7.439E-10	-5.691	0.000	0.000E+00	5.392	1.078	4.131E-12	32.402	6.480	8.966E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
531	26.612	5.322	4.967E-10	-7.194	0.000	0.000E+00	8.855	1.771	1.830E-11	-6.115	0.000	0.000E+00	9.073	1.815	1.969E-11	-6.568	0.000	0.000E+00	5.226	1.045	3.761E-12
532	15.911	3.182	1.062E-10	68.578	13.716	8.501E-09	-5.629	0.000	0.000E+00	7.979	1.596	1.339E-11	-4.531	0.000	0.000E+00	10.118	2.024	2.730E-11	70.754	14.151	9.336E-09
533	87.806	17.561	1.784E-08	7.656	1.531	1.183E-11	81.429	16.286	1.423E-08	5.814	1.163	5.179E-12	34.156	6.831	1.050E-09	-17.755	0.000	0.000E+00	-5.081	0.000	0.000E+00
534	5.660	1.132	4.779E-12	13.374	2.675	6.305E-11	12.658	2.532	5.345E-11	3.862	0.772	1.518E-12	4.829	0.966	2.968E-12	9.493	1.899	2.255E-11	74.712	14.942	1.099E-08
535	9.776	1.955	2.463E-11	7.146	1.429	9.616E-12	9.667	1.933	2.381E-11	12.675	2.535	5.367E-11	27.644	5.529	5.568E-10	-7.581	0.000	0.000E+00	12.228	2.446	4.819E-11
536	5.253	1.051	3.821E-12	9.703	1.941	2.408E-11	24.481	4.896	3.867E-10	79.782	15.956	1.338E-08	18.178	3.636	1.583E-10	45.794	9.159	2.531E-09	5.916	1.183	5.458E-12
537	17.274	3.455	1.358E-10	9.036	1.807	1.945E-11	-7.467	0.000	0.000E+00	37.680	7.536	1.410E-09	-6.437	0.000	0.000E+00	6.406	1.281	6.929E-12	49.370	9.874	3.172E-09
538	6.406	1.281	6.928E-12	11.526	2.305	4.035E-11	7.055	1.411	9.255E-12	7.340	1.468	1.042E-11	22.922	4.584	3.174E-10	11.595	2.319	4.109E-11	9.800	1.960	2.481E-11
539	11.391	2.278	3.896E-11	-7.225	0.000	0.000E+00	10.406	2.081	2.970E-11	5.700	1.140	4.881E-12	9.659	1.932	2.375E-11	33.519	6.704	9.926E-10	78.538	15.708	1.277E-08
540	-6.221	0.000	0.000E+00	25.706	5.141	4.477E-10	14.494	2.899	8.024E-11	6.148	1.230	6.126E-12	-2.812	0.000	0.000E+00	13.089	2.618	5.911E-11	12.625	2.525	5.304E-11
541	10.471	2.094	3.026E-11	-4.615	0.000	0.000E+00	9.098	1.820	1.985E-11	15.229	3.046	9.310E-11	8.499	1.700	1.618E-11	62.447	12.489	6.418E-09	5.551	1.110	4.509E-12
542	8.075	1.615	1.388E-11	10.770	2.154	3.292E-11	15.418	3.084	9.659E-11	7.752	1.550	1.228E-11	-7.530	0.000	0.000E+00	7.675	1.535	1.191E-11	-14.400	0.000	0.000E+00
543	11.473	2.295	3.980E-11	6.848	1.370	8.464E-12	88.214	17.643	1.809E-08	10.901	2.180	3.414E-11	6.740	1.348	8.071E-12	7.733	1.547	1.219E-11	7.556	1.511	1.137E-11
544	43.842	8.768	2.221E-09	11.086	2.217	3.591E-11	7.630	1.526	1.171E-11	7.885	1.577	1.292E-11	44.203	8.841	2.276E-09	8.331	1.666	1.524E-11	-5.002	0.000	0.000E+00
545	6.592	1.318	7.551E-12	3.623	0.725	1.253E-12	5.967	1.193	5.599E-12	9.415	1.883	2.199E-11	8.337	1.667	1.527E-11	37.540	7.508	1.394E-09	-5.666	0.000	0.000E+00
546	-5.898	0.000	0.000E+00	-6.876	0.000	0.000E+00	28.306	5.661	5.977E-10	48.473	9.695	3.002E-09	7.049	1.410	9.230E-12	68.852	13.770	8.603E-09	8.979	1.796	1.908E-11
547	-6.779	0.000	0.000E+00	11.981	2.396	4.533E-11	21.459	4.292	2.605E-10	15.479	3.096	9.774E-11	9.117	1.823	1.998E-11	-8.693	0.000	0.000E+00	-6.194	0.000	0.000E+00
548	10.205	2.041	2.801E-11	9.031	1.806	1.941E-11	7.980	1.596	1.339E-11	-7.252	0.000	0.000E+00	16.976	3.395	1.290E-10	7.496	1.499	1.110E-11	-7.000	0.000	0.000E+00
549	53.209	10.642	3.971E-09	10.711	2.142	3.239E-11	-11.392	0.000	0.000E+00	-5.472	0.000	0.000E+00	16.171	3.234	1.115E-10	11.368	2.274	3.872E-11	9.150	1.830	2.019E-11
550	6.718	1.344	7.992E-12	-5.899	0.000	0.000E+00	-11.281	0.000	0.000E+00	-5.974	0.000	0.000E+00	5.552	1.110	4.510E-12	19.781	3.956	2.040E-10	-10.682	0.000	0.000E+00
551	34.862	6.972	1.117E-09	21.005	4.201	2.443E-10	-5.211	0.000	0.000E+00	7.801	1.560	1.251E-11	6.278	1.256	6.523E-12	-22.627	0.000	0.000E+00	-9.791	0.000	0.000E+00
552	8.584	1.717	1.667E-11	-8.294	0.000	0.000E+00	25.856	5.171	4.556E-10	9.447	1.889	2.222E-11	-11.122	0.000	0.000E+00	26.598	5.320	4.959E-10	-7.357	0.000	0.000E+00
553	8.108	1.622	1.405E-11	-7.147	0.000	0.000E+00	37.294	7.459	1.367E-09	-5.437	0.000	0.000E+00	40.217	8.043	1.714E-09	6.523	1.305	7.315E-12	-9.361	0.000	0.000E+00
554	8.240	1.648	1.475E-11	13.528	2.706	6.526E-11	-5.497	0.000	0.000E+00	-8.974	0.000	0.000E+00	9.492	1.898	2.254E-11	78.646	15.729	1.282E-08	10.436	2.087	2.995E-11
555	-8.653	0.000	0.000E+00	-6.237	0.000	0.000E+00	53.807	10.761	4.106E-09	6.766	1.353	8.163E-12	39.573	7.915	1.633E-09	77.808	15.562	1.242E-08	12.125	2.425	4.699E-11
556	7.135	1.427	9.574E-12	7.588	1.518	1.152E-11	6.368	1.274	6.807E-12	6.787	1.357	8.239E-12	9.592	1.918	2.326E-11	6.822	1.364	8.369E-12	-8.251	0.000	0.000E+00
557	7.449	1.490	1.089E-11	11.108	2.222	3.613E-11	19.514	3.903	1.959E-10	6.955	1.391	8.867E-12	-5.891	0.000	0.000E+00	38.026	7.605	1.449E-09	10.419	2.084	2.981E-11
558	10.154	2.031	2.759E-11	-23.414	0.000	0.000E+00	9.935	1.987	2.585E-11	7.218	1.444	9.912E-12	15.843	3.169	1.048E-10	-7.697	0.000	0.000E+00	9.699	1.940	2.405E-11
559	-7.803	0.000	0.000E+00	-7.596	0.000	0.000E+00	30.615	6.123	7.563E-10	33.619	6.724	1.002E-09	6.563	1.313	7.449E-12	5.176	1.035	3.654E-12	11.414	2.283	3.920E-11
560	32.347	6.469	8.920E-10	12.317	2.463	4.925E-11	88.195	17.639	1.808E-08	6.391	1.278	6.879E-12	8.111	1.622	1.407E-11	-9.569	0.000	0.000E+00	5.415	1.083	4.184E-12
561	6.842	1.368	8.441E-12	7.137	1.427	9.583E-12	-21.302	0.000	0.000E+00	12.351	2.470	4.965E-11	-7.713	0.000	0.000E+00	10.261	2.052	2.848E-11	-3.582	0.000	0.000E+00
562	25.000	5.000	4.118E-10	82.286	16.457	1.469E-08	-12.212	0.000	0.000E+00	9.896	1.979	2.555E-11	15.044	3.009	8.974E-11	-7.540	0.000	0.000E+00	5.952	1.190	5.557E-12
563	29.371	5.874	6.678E-10	48.189	9.638	2.949E-09	-8.156	0.000	0.000E+00	10.532	2.106	3.079E-11	5.140	1.028	3.579E-12	7.636	1.527	1.173E-11	-8.423	0.000	0.000E+00
564	7.746	1.549	1.225E-11	6.824	1.365	8.376E-12	3.876	0.775	1.535E-12	6.424	1.285	6.988E-12	11.030	2.206	3.537E-11	-8.058	0.000	0.000E+00	10.668	2.134	3.200E-11
565	33.451	6.690	9.866E-10	9.328	1.866	2.139E-11	-8.882	0.000	0.000E+00	-6.489	0.000	0.000E+00	47.003	9.401	2.737E-09	124.996	24.999	5.147E-08	11.004	2.201	3.512E-11
566	20.320	4.064	2.211E-10	-5.320	0.000	0.000E+00	-8.448	0.000	0.000E+00	10.359	2.072	2.930E-11	11.802	2.360	4.333E-11	-18.828	0.000	0.000E+00	43.456	8.691	2.163E-09
567	5.840	1.168	5.250E-12	34.450	6.890	1.078E-09	-6.209	0.000	0.000E+00	9.243	1.849	2.082E-11	6.100	1.220	5.982E-12	6.447	1.289	7.064E-12	15.920	3.184	1.063E-10
568	-5.795	0.000	0.000E+00	8.209	1.642	1.458E-11	-5.849	0.000	0.000E+00	77.185	15.437	1.212E-08	36.798	7.360	1.313E-09	40.174	8.035	1.709E-09	9.077	1.815	1.971E-11
569	3.848	0.770	1.502E-12	3.563	0.713	1.192E-12	6.054	1.211	5.849E-12	98.980	19.796	2.556E-08	41.752	8.350	1.918E-09	-5.713	0.000	0.000E+00	-6.572	0.000	0.000E+00
570	9.818	1.964	2.494E-11	3.759	0.752	1.400E-12	10.938	2.188	3.449E-11	71.774	14.355	9.745E-09	5.625	1.125	4.690E-12	-10.366	0.000	0.000E+00	-7.452	0.000	0.000E+00
571	6.915	1.383	8.713E-12	58.813	11.763	5.362E-09	27.816	5.563	5.673E-10	-8.596	0.000	0.000E+00	44.037	8.807	2.251E-09	7.187	1.437	9.782E-12	10.893	2.179	3.407E-11
572	10.438	2.088	2.997E-11	6.207	1.241	6.303E-12	46.275	9.255	2.612E-09	15.607	3.121	1.002E-10	7.771	1.554	1.317E-11	29.512	5.902	6.775E-10	84.961	16.992	1.616E-08
573	20.481	4.096	2.264E-10	4.564	0.913	2.506E-12	11.848	2.370	4.383E-11	11.137	2.227	3.641E-11	50.103	10.021	3.315E-09	-4.851	0.000	0.000E+00	43.554	8.711	2.178E-09
574	26.247	5.249	4.766E-10	10.173	2.035	2.775E-11	52.642	10.528	3.845E-09	5.617	1.123	4.672E-12	45.402	9.080	2.467E-09	25.695	5.139	4.471E-10	31.475	6.295	8.218E-10
575	4.456	0.891	2.331E-12	83.537	16.707	1.536E-08	9.269	1.854	2.099E-11	32.351	6.470	8.924E-10	30.880	6.176	7.761E-10	29.173	5.835	6.544E-10	-8.428	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
576	48.141	9.628	2.941E-09	-10.379	0.000	0.000E+00	71.832	14.366	9.769E-09	-5.318	0.000	0.000E+00	-5.484	0.000	0.000E+00	-8.276	0.000	0.000E+00	6.016	1.203	5.738E-12
577	6.853	1.371	8.484E-12	13.921	2.784	7.110E-11	-9.130	0.000	0.000E+00	10.716	2.143	3.243E-11	22.498	4.500	3.001E-10	57.351	11.470	4.972E-09	-6.299	0.000	0.000E+00
578	6.904	1.381	8.674E-12	8.462	1.692	1.597E-11	42.371	8.474	2.005E-09	6.470	1.294	7.140E-12	23.482	4.696	3.413E-10	-7.426	0.000	0.000E+00	-6.116	0.000	0.000E+00
579	-7.249	0.000	0.000E+00	-8.873	0.000	0.000E+00	8.814	1.763	1.805E-11	5.744	1.149	4.996E-12	4.655	0.931	2.659E-12	7.472	1.494	1.100E-11	90.051	18.010	1.925E-08
580	10.010	2.002	2.643E-11	-9.258	0.000	0.000E+00	6.702	1.340	7.936E-12	-6.885	0.000	0.000E+00	-11.276	0.000	0.000E+00	28.542	5.708	6.128E-10	8.902	1.780	1.859E-11
581	-4.928	0.000	0.000E+00	11.352	2.270	3.856E-11	9.902	1.980	2.559E-11	-7.962	0.000	0.000E+00	12.126	2.425	4.699E-11	14.264	2.853	7.649E-11	9.452	1.890	2.226E-11
582	11.700	2.340	4.221E-11	-5.182	0.000	0.000E+00	-5.099	0.000	0.000E+00	10.370	2.074	2.939E-11	5.909	1.182	5.437E-12	-6.946	0.000	0.000E+00	7.833	1.567	1.267E-11
583	-6.465	0.000	0.000E+00	13.392	2.678	6.330E-11	10.653	2.131	3.187E-11	9.104	1.821	1.989E-11	9.114	1.823	1.995E-11	22.005	4.401	2.808E-10	-6.267	0.000	0.000E+00
584	5.797	1.159	5.133E-12	25.635	5.127	4.440E-10	45.548	9.110	2.491E-09	14.411	2.882	7.887E-11	-6.526	0.000	0.000E+00	3.312	0.662	9.575E-13	-5.765	0.000	0.000E+00
585	-6.468	0.000	0.000E+00	-9.307	0.000	0.000E+00	-5.802	0.000	0.000E+00	21.817	4.363	2.737E-10	22.290	4.458	2.919E-10	7.722	1.544	1.214E-11	6.299	1.260	6.586E-12
586	46.449	9.290	2.641E-09	41.267	8.253	1.852E-09	9.836	1.967	2.508E-11	-15.355	0.000	0.000E+00	37.846	7.569	1.429E-09	68.954	13.791	8.641E-09	6.751	1.350	8.110E-12
587	7.821	1.564	1.261E-11	-47.201	0.000	0.000E+00	-11.691	0.000	0.000E+00	49.708	9.942	3.237E-09	-8.228	0.000	0.000E+00	45.635	9.127	2.505E-09	6.857	1.371	8.497E-12
588	10.130	2.026	2.740E-11	7.851	1.570	1.275E-11	23.378	4.676	3.368E-10	18.150	3.630	1.576E-10	-5.944	0.000	0.000E+00	9.604	1.921	2.335E-11	3.868	0.774	1.526E-12
589	5.429	1.086	4.217E-12	7.742	1.548	1.223E-11	50.229	10.046	3.340E-09	17.387	3.477	1.385E-10	86.055	17.211	1.680E-08	7.161	1.432	9.678E-12	6.236	1.247	6.392E-12
590	-5.180	0.000	0.000E+00	6.762	1.352	8.150E-12	7.555	1.511	1.137E-11	88.018	17.604	1.797E-08	-6.036	0.000	0.000E+00	47.239	9.448	2.778E-09	6.290	1.258	6.559E-12
591	44.913	8.983	2.388E-09	73.075	14.615	1.028E-08	7.700	1.540	1.203E-11	3.769	0.754	1.412E-12	9.006	1.801	1.925E-11	8.692	1.738	1.731E-11	12.897	2.579	5.654E-11
592	48.186	9.637	2.949E-09	-4.997	0.000	0.000E+00	11.425	2.285	3.931E-11	-6.630	0.000	0.000E+00	-8.846	0.000	0.000E+00	7.528	1.506	1.124E-11	14.280	2.856	7.675E-11
593	8.743	1.749	1.762E-11	11.533	2.307	4.043E-11	-7.072	0.000	0.000E+00	-5.340	0.000	0.000E+00	8.913	1.783	1.866E-11	5.226	1.045	3.762E-12	87.678	17.536	1.777E-08
594	11.783	2.357	4.312E-11	13.116	2.623	5.947E-11	23.858	4.772	3.579E-10	13.770	2.754	6.881E-11	-7.050	0.000	0.000E+00	8.553	1.711	1.649E-11	6.973	1.395	8.936E-12
595	10.668	2.134	3.199E-11	7.256	1.451	1.007E-11	14.045	2.809	7.303E-11	17.451	3.490	1.401E-10	16.636	3.327	1.213E-10	9.193	1.839	2.047E-11	4.442	0.888	2.309E-12
596	9.141	1.828	2.013E-11	48.394	9.679	2.987E-09	3.911	0.782	1.576E-12	25.895	5.179	4.576E-10	11.157	2.231	3.661E-11	25.978	5.196	4.620E-10	4.474	0.895	2.360E-12
597	-8.335	0.000	0.000E+00	-6.426	0.000	0.000E+00	12.748	2.550	5.460E-11	26.801	5.360	5.074E-10	-6.484	0.000	0.000E+00	34.325	6.865	1.066E-09	-9.118	0.000	0.000E+00
598	41.239	8.248	1.848E-09	11.449	2.290	3.956E-11	9.902	1.980	2.559E-11	79.343	15.869	1.316E-08	8.047	1.609	1.373E-11	35.490	7.098	1.178E-09	7.941	1.588	1.320E-11
599	7.912	1.582	1.306E-11	-6.513	0.000	0.000E+00	8.988	1.798	1.914E-11	85.381	17.076	1.640E-08	36.580	7.316	1.290E-09	9.155	1.831	2.022E-11	42.299	8.460	1.995E-09
600	7.154	1.431	9.652E-12	32.893	6.579	9.380E-10	22.965	4.593	3.192E-10	43.614	8.723	2.187E-09	8.494	1.699	1.615E-11	9.327	1.865	2.139E-11	7.264	1.453	1.010E-11
601	8.430	1.686	1.579E-11	10.703	2.141	3.232E-11	9.292	1.858	2.114E-11	18.016	3.603	1.541E-10	8.130	1.626	1.417E-11	12.670	2.534	5.360E-11	21.310	4.262	2.550E-10
602	7.382	1.476	1.060E-11	9.695	1.939	2.402E-11	37.486	7.497	1.388E-09	9.660	1.932	2.376E-11	-7.623	0.000	0.000E+00	-7.841	0.000	0.000E+00	8.828	1.766	1.813E-11
603	34.404	6.881	1.073E-09	8.495	1.699	1.616E-11	5.298	1.060	3.919E-12	-8.141	0.000	0.000E+00	-6.691	0.000	0.000E+00	9.200	1.840	2.052E-11	15.929	3.186	1.065E-10
604	-6.262	0.000	0.000E+00	39.168	7.834	1.584E-09	-8.230	0.000	0.000E+00	-7.284	0.000	0.000E+00	-6.586	0.000	0.000E+00	38.159	7.632	1.464E-09	-9.398	0.000	0.000E+00
605	11.642	2.328	4.158E-11	-14.340	0.000	0.000E+00	24.084	4.817	3.682E-10	-4.292	0.000	0.000E+00	11.352	2.270	3.856E-11	-6.137	0.000	0.000E+00	7.628	1.526	1.170E-11
606	-7.264	0.000	0.000E+00	10.543	2.109	3.089E-11	9.811	1.962	2.489E-11	-5.641	0.000	0.000E+00	9.415	1.883	2.200E-11	10.447	2.089	3.005E-11	80.358	16.072	1.368E-08
607	-4.718	0.000	0.000E+00	7.184	1.437	9.772E-12	6.906	1.381	8.680E-12	7.741	1.548	1.223E-11	10.208	2.042	2.804E-11	13.645	2.729	6.696E-11	78.749	15.750	1.287E-08
608	40.141	8.028	1.705E-09	45.573	9.115	2.495E-09	8.499	1.700	1.618E-11	9.770	1.954	2.458E-11	-5.658	0.000	0.000E+00	7.528	1.506	1.124E-11	26.901	5.380	5.131E-10
609	-8.843	0.000	0.000E+00	5.404	1.081	4.159E-12	-7.060	0.000	0.000E+00	6.562	1.312	7.446E-12	8.761	1.752	1.773E-11	29.415	5.883	6.708E-10	5.499	1.100	4.383E-12
610	5.367	1.073	4.074E-12	-7.551	0.000	0.000E+00	5.871	1.174	5.335E-12	57.026	11.405	4.888E-09	24.161	4.832	3.717E-10	10.657	2.131	3.190E-11	57.739	11.548	5.073E-09
611	54.670	10.934	4.307E-09	7.184	1.437	9.772E-12	4.804	0.961	2.922E-12	13.092	2.618	5.914E-11	84.745	16.949	1.604E-08	7.327	1.465	1.037E-11	6.676	1.335	7.841E-12
612	32.230	6.446	8.824E-10	7.629	1.526	1.170E-11	22.818	4.564	3.131E-10	-8.350	0.000	0.000E+00	6.520	1.304	7.304E-12	6.820	1.364	8.360E-12	7.916	1.583	1.307E-11
613	31.937	6.387	8.586E-10	8.257	1.651	1.483E-11	-8.242	0.000	0.000E+00	14.973	2.995	8.848E-11	5.376	1.075	4.096E-12	7.044	1.409	9.211E-12	-5.791	0.000	0.000E+00
614	9.641	1.928	2.362E-11	5.728	1.146	4.953E-12	11.772	2.354	4.300E-11	-6.180	0.000	0.000E+00	5.917	1.183	5.459E-12	12.838	2.568	5.577E-11	8.436	1.687	1.582E-11
615	-5.179	0.000	0.000E+00	8.210	1.642	1.459E-11	31.768	6.354	8.450E-10	7.288	1.458	1.020E-11	45.531	9.106	2.488E-09	6.558	1.312	7.434E-12	64.454	12.891	7.057E-09
616	25.248	5.050	4.242E-10	8.977	1.795	1.907E-11	5.437	1.087	4.236E-12	11.455	2.291	3.962E-11	9.482	1.896	2.247E-11	13.063	2.613	5.875E-11	10.505	2.101	3.055E-11
617	-5.692	0.000	0.000E+00	7.647	1.529	1.179E-11	11.120	2.224	3.624E-11	7.723	1.545	1.214E-11	7.473	1.495	1.100E-11	4.117	0.823	1.839E-12	-7.118	0.000	0.000E+00
618	8.011	1.602	1.355E-11	8.868	1.774	1.838E-11	41.924	8.385	1.942E-09	-66.963	0.000	0.000E+00	13.525	2.705	6.521E-11	7.942	1.588	1.321E-11	3.856	0.771	1.511E-12
619	-5.772	0.000	0.000E+00	8.085	1.617	1.393E-11	-65.204	0.000	0.000E+00	45.384	9.077	2.464E-09	5.816	1.163	5.186E-12	12.017	2.403	4.573E-11	8.874	1.775	1.842E-11
620	8.930	1.786	1.877E-11	100.909	20.182	2.708E-08	-5.318	0.000	0.000E+00	-4.337	0.000	0.000E+00	-6.441	0.000	0.000E+00	46.576	9.315	2.663E-09	27.095	5.419	5.243E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
621	36.407	7.281	1.272E-09	-5.353	0.000	0.000E+00	9.377	1.875	2.173E-11	5.759	1.152	5.034E-12	-10.929	0.000	0.000E+00	30.144	6.029	7.219E-10	-6.487	0.000	0.000E+00
622	6.852	1.370	8.478E-12	7.696	1.539	1.201E-11	7.387	1.477	1.063E-11	-6.994	0.000	0.000E+00	-7.512	0.000	0.000E+00	24.468	4.894	3.861E-10	7.704	1.541	1.205E-11
623	46.114	9.223	2.585E-09	11.537	2.307	4.047E-11	-4.861	0.000	0.000E+00	9.276	1.855	2.104E-11	36.013	7.203	1.231E-09	14.265	2.853	7.650E-11	7.276	1.455	1.015E-11
624	-7.574	0.000	0.000E+00	11.552	2.310	4.063E-11	-5.410	0.000	0.000E+00	13.674	2.735	6.738E-11	-28.408	0.000	0.000E+00	19.363	3.873	1.913E-10	45.529	9.106	2.487E-09
625	13.681	2.736	6.749E-11	-11.707	0.000	0.000E+00	8.047	1.609	1.373E-11	9.288	1.858	2.112E-11	7.566	1.513	1.142E-11	12.652	2.530	5.338E-11	41.293	8.259	1.856E-09
626	21.411	4.282	2.587E-10	9.186	1.837	2.043E-11	13.196	2.639	6.056E-11	32.706	6.541	9.221E-10	-6.509	0.000	0.000E+00	32.345	6.469	8.919E-10	31.055	6.211	7.894E-10
627	12.813	2.563	5.544E-11	-6.486	0.000	0.000E+00	5.497	1.099	4.378E-12	-8.882	0.000	0.000E+00	-8.073	0.000	0.000E+00	32.786	6.557	9.289E-10	38.919	7.784	1.554E-09
628	-6.786	0.000	0.000E+00	8.652	1.730	1.707E-11	12.009	2.402	4.565E-11	30.916	6.183	7.789E-10	37.771	7.554	1.420E-09	-5.407	0.000	0.000E+00	9.933	1.987	2.583E-11
629	-6.201	0.000	0.000E+00	18.213	3.643	1.592E-11	9.448	1.890	2.223E-11	82.825	16.565	1.498E-08	5.538	1.108	4.475E-12	15.326	3.065	9.488E-11	8.738	1.748	1.758E-11
630	5.122	1.024	3.542E-12	6.590	1.318	7.544E-12	-7.015	0.000	0.000E+00	-9.075	0.000	0.000E+00	-5.051	0.000	0.000E+00	10.298	2.060	2.878E-11	6.129	1.226	6.069E-12
631	-6.334	0.000	0.000E+00	6.910	1.382	8.696E-12	11.183	2.237	3.686E-11	52.494	10.499	3.813E-09	7.672	1.534	1.190E-11	-3.818	0.000	0.000E+00	12.225	2.445	4.815E-11
632	6.308	1.262	6.615E-12	7.179	1.436	9.750E-12	47.743	9.549	2.868E-09	-6.911	0.000	0.000E+00	-8.160	0.000	0.000E+00	14.786	2.957	8.520E-11	7.039	1.408	9.193E-12
633	37.259	7.452	1.363E-09	5.037	1.007	3.369E-12	10.527	2.105	3.075E-11	76.110	15.222	1.162E-08	46.214	9.243	2.601E-09	-7.637	0.000	0.000E+00	8.534	1.707	1.638E-11
634	-5.439	0.000	0.000E+00	-11.113	0.000	0.000E+00	10.679	2.136	3.210E-11	6.764	1.353	8.155E-12	-5.516	0.000	0.000E+00	-7.941	0.000	0.000E+00	-9.907	0.000	0.000E+00
635	14.069	2.814	7.340E-11	7.613	1.523	1.163E-11	14.007	2.801	7.242E-11	-7.645	0.000	0.000E+00	44.009	8.802	2.246E-09	9.839	1.968	2.510E-11	9.054	1.811	1.956E-11
636	6.671	1.334	7.826E-12	7.245	1.449	1.002E-11	-5.693	0.000	0.000E+00	38.632	7.726	1.520E-09	7.860	1.572	1.280E-11	9.503	1.901	2.262E-11	25.433	5.087	4.336E-10
637	56.746	11.349	4.816E-09	30.216	6.043	7.271E-10	25.386	5.077	4.312E-10	9.542	1.908	2.290E-11	-5.778	0.000	0.000E+00	15.220	3.044	9.293E-11	27.884	5.577	5.714E-10
638	31.671	6.334	8.373E-10	-5.152	0.000	0.000E+00	24.638	4.928	3.942E-10	5.891	1.178	5.387E-12	-8.904	0.000	0.000E+00	7.791	1.558	1.246E-11	10.081	2.016	2.700E-11
639	7.646	1.529	1.178E-11	-8.538	0.000	0.000E+00	-5.649	0.000	0.000E+00	82.412	16.482	1.475E-08	6.469	1.294	7.134E-12	-7.367	0.000	0.000E+00	-6.447	0.000	0.000E+00
640	5.253	1.051	3.821E-12	8.765	1.753	1.775E-11	5.511	1.102	4.412E-12	79.463	15.893	1.322E-08	-7.556	0.000	0.000E+00	24.657	4.931	3.951E-10	43.040	8.608	2.101E-09
641	39.193	7.839	1.587E-09	7.129	1.426	9.550E-12	-4.904	0.000	0.000E+00	23.337	4.667	3.350E-10	4.765	0.953	2.852E-12	30.320	6.064	7.347E-10	7.584	1.517	1.150E-11
642	9.924	1.985	2.576E-11	89.080	17.816	1.863E-08	83.666	16.733	1.544E-08	51.575	10.315	3.616E-09	-8.944	0.000	0.000E+00	42.148	8.430	1.973E-09	-5.792	0.000	0.000E+00
643	41.299	8.260	1.856E-09	33.648	6.730	1.004E-09	40.393	8.079	1.737E-09	6.295	1.259	6.574E-12	8.899	1.780	1.857E-11	12.795	2.559	5.521E-11	48.734	9.747	3.051E-09
644	14.061	2.812	7.327E-11	-8.891	0.000	0.000E+00	-6.605	0.000	0.000E+00	42.841	8.568	2.072E-09	-7.138	0.000	0.000E+00	7.632	1.526	1.172E-11	-5.615	0.000	0.000E+00
645	-25.972	0.000	0.000E+00	8.352	1.670	1.536E-11	81.762	16.352	1.441E-08	10.949	2.190	3.459E-11	-5.835	0.000	0.000E+00	50.400	10.080	3.374E-09	-8.041	0.000	0.000E+00
646	6.023	1.205	5.759E-12	6.606	1.321	7.597E-12	6.547	1.309	7.397E-12	5.347	1.069	4.028E-12	11.137	2.227	3.640E-11	-7.078	0.000	0.000E+00	48.407	9.681	2.990E-09
647	16.739	3.348	1.236E-10	3.297	0.659	9.446E-13	35.265	7.053	1.156E-09	8.891	1.778	1.852E-11	41.679	8.336	1.908E-09	-5.437	0.000	0.000E+00	-5.284	0.000	0.000E+00
648	15.979	3.196	1.075E-10	-5.709	0.000	0.000E+00	73.910	14.782	1.064E-08	-5.162	0.000	0.000E+00	-4.380	0.000	0.000E+00	75.088	15.018	1.116E-08	26.688	5.338	5.010E-10
649	25.259	5.052	4.248E-10	7.392	1.478	1.064E-11	12.448	2.490	5.083E-11	6.945	1.389	8.830E-12	52.427	10.485	3.798E-09	4.741	0.948	2.809E-12	-5.594	0.000	0.000E+00
650	14.410	2.882	7.886E-11	7.062	1.412	9.282E-12	-5.006	0.000	0.000E+00	37.478	7.496	1.388E-09	8.077	1.615	1.389E-11	102.225	20.445	2.816E-08	10.378	2.076	2.946E-11
651	-7.380	0.000	0.000E+00	30.301	6.060	7.333E-10	5.151	1.030	3.601E-12	29.083	5.817	6.483E-10	-5.567	0.000	0.000E+00	13.309	2.662	6.213E-11	76.680	15.336	1.188E-08
652	-6.115	0.000	0.000E+00	41.921	8.384	1.942E-09	81.487	16.297	1.426E-08	43.087	8.617	2.108E-09	5.925	1.185	5.482E-12	6.667	1.333	7.811E-12	-15.661	0.000	0.000E+00
653	6.207	1.241	6.302E-12	-5.297	0.000	0.000E+00	3.427	0.685	1.061E-12	-8.584	0.000	0.000E+00	19.315	3.863	1.899E-10	36.294	7.259	1.260E-09	3.580	0.716	1.209E-12
654	-6.481	0.000	0.000E+00	47.879	9.576	2.893E-09	-6.907	0.000	0.000E+00	-19.807	0.000	0.000E+00	20.285	4.057	2.200E-10	85.196	17.039	1.630E-08	-6.269	0.000	0.000E+00
655	41.454	8.291	1.878E-09	34.123	6.825	1.047E-09	30.561	6.112	7.523E-10	38.043	7.609	1.451E-09	44.272	8.854	2.287E-09	8.634	1.727	1.696E-11	8.385	1.677	1.554E-11
656	7.372	1.474	1.056E-11	13.721	2.744	6.808E-11	6.279	1.256	6.524E-12	-6.950	0.000	0.000E+00	3.763	0.753	1.404E-12	7.396	1.479	1.066E-11	-9.030	0.000	0.000E+00
657	8.439	1.688	1.584E-11	6.542	1.308	7.380E-12	-7.779	0.000	0.000E+00	6.260	1.252	6.467E-12	-8.181	0.000	0.000E+00	-6.642	0.000	0.000E+00	9.719	1.944	2.419E-11
658	10.006	2.001	2.641E-11	12.569	2.514	5.233E-11	25.861	5.172	4.558E-10	7.138	1.428	9.586E-12	50.504	10.101	3.395E-09	-4.975	0.000	0.000E+00	7.070	1.414	9.313E-12
659	9.723	1.945	2.422E-11	42.501	8.500	2.023E-09	12.111	2.422	4.682E-11	6.309	1.262	6.619E-12	5.772	1.154	5.069E-12	-9.317	0.000	0.000E+00	-6.359	0.000	0.000E+00
660	5.612	1.122	4.658E-12	12.897	2.579	5.654E-11	18.965	3.793	1.798E-10	5.388	1.078	4.123E-12	47.198	9.440	2.771E-09	9.578	1.916	2.316E-11	8.313	1.663	1.514E-11
661	-6.705	0.000	0.000E+00	9.675	1.935	2.387E-11	39.186	7.837	1.586E-09	74.038	14.808	1.070E-08	38.723	7.745	1.530E-09	-6.079	0.000	0.000E+00	5.965	1.193	5.594E-12
662	-4.327	0.000	0.000E+00	38.398	7.680	1.492E-09	8.146	1.629	1.425E-11	5.463	1.093	4.297E-12	-6.429	0.000	0.000E+00	-11.170	0.000	0.000E+00	-7.625	0.000	0.000E+00
663	25.866	5.173	4.561E-10	-9.257	0.000	0.000E+00	-6.325	0.000	0.000E+00	15.731	3.146	1.026E-10	45.025	9.005	2.406E-09	7.763	1.553	1.233E-11	16.028	3.206	1.085E-10
664	6.708	1.342	7.954E-12	4.637	0.927	2.628E-12	23.923	4.785	3.609E-10	-6.376	0.000	0.000E+00	43.109	8.622	2.112E-09	-5.254	0.000	0.000E+00	4.531	0.906	2.451E-12
665	-4.731	0.000	0.000E+00	29.139	5.828	6.521E-10	10.922	2.184	3.434E-11	86.892	17.378	1.729E-08	13.185	2.637	6.041E-11	4.446	0.889	2.317E-12	44.838	8.968	2.376E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
666	-9.641	0.000	0.000E+00	9.277	1.855	2.105E-11	-8.707	0.000	0.000E+00	115.122	23.024	4.021E-08	4.187	0.837	1.935E-12	-5.646	0.000	0.000E+00	47.606	9.521	2.844E-09
667	7.520	1.504	1.121E-11	27.359	5.472	5.398E-10	8.542	1.708	1.643E-11	-6.531	0.000	0.000E+00	6.564	1.313	7.454E-12	5.389	1.078	4.126E-12	15.265	3.053	9.375E-11
668	15.705	3.141	1.021E-10	6.965	1.393	8.905E-12	43.597	8.719	2.184E-09	7.206	1.441	9.862E-12	11.108	2.222	3.613E-11	17.026	3.405	1.301E-10	13.172	2.634	6.023E-11
669	8.931	1.786	1.878E-11	5.428	1.086	4.215E-12	-9.030	0.000	0.000E+00	84.589	16.918	1.595E-08	-11.749	0.000	0.000E+00	-10.167	0.000	0.000E+00	-8.882	0.000	0.000E+00
670	7.410	1.482	1.072E-11	-5.356	0.000	0.000E+00	75.254	15.051	1.123E-08	36.190	7.238	1.249E-09	8.237	1.647	1.473E-11	40.320	8.064	1.728E-09	12.457	2.491	5.095E-11
671	-5.227	0.000	0.000E+00	43.111	8.622	2.112E-09	50.434	10.087	3.381E-09	12.235	2.447	4.827E-11	4.511	0.902	2.419E-12	36.806	7.361	1.314E-09	45.568	9.114	2.494E-09
672	-7.020	0.000	0.000E+00	-8.410	0.000	0.000E+00	10.985	2.197	3.494E-11	5.133	1.027	3.564E-12	38.485	7.697	1.502E-09	11.097	2.219	3.601E-11	7.208	1.442	9.872E-12
673	-6.374	0.000	0.000E+00	7.059	1.412	9.271E-12	8.866	1.773	1.837E-11	15.500	3.100	9.815E-11	-14.940	0.000	0.000E+00	11.892	2.378	4.432E-11	21.985	4.397	2.801E-10
674	-5.865	0.000	0.000E+00	-8.546	0.000	0.000E+00	8.770	1.754	1.778E-11	10.919	2.184	3.431E-11	9.264	1.853	2.095E-11	11.990	2.398	4.543E-11	16.769	3.354	1.243E-10
675	6.333	1.267	6.695E-12	10.399	2.080	2.964E-11	-7.226	0.000	0.000E+00	42.213	8.443	1.983E-09	36.704	7.341	1.303E-09	82.415	16.483	1.475E-08	38.387	7.677	1.491E-09
676	31.135	6.227	7.935E-10	34.550	6.910	1.087E-09	7.724	1.545	1.215E-11	-8.218	0.000	0.000E+00	17.811	3.562	1.489E-10	5.831	1.166	5.225E-12	42.893	8.579	2.080E-09
677	67.257	13.451	8.019E-09	-7.589	0.000	0.000E+00	5.350	1.070	4.036E-12	-8.794	0.000	0.000E+00	6.812	1.362	8.332E-12	12.509	2.502	5.159E-11	9.237	1.847	2.077E-11
678	6.637	1.327	7.707E-12	5.705	1.141	4.894E-12	55.435	11.087	4.490E-09	11.190	2.238	3.693E-11	11.471	2.294	3.978E-11	11.751	2.350	4.277E-11	40.142	8.028	1.705E-09
679	44.906	8.981	2.387E-09	-8.237	0.000	0.000E+00	68.728	13.746	8.557E-09	10.945	2.189	3.456E-11	6.436	1.287	7.027E-12	17.521	3.504	1.418E-10	8.747	1.749	1.764E-11
680	13.205	2.641	6.069E-11	-7.178	0.000	0.000E+00	11.422	2.284	3.928E-11	7.534	1.507	1.127E-11	29.403	5.881	6.700E-10	14.876	2.975	8.676E-11	9.323	1.865	2.136E-11
681	-8.124	0.000	0.000E+00	7.083	1.417	9.366E-12	48.927	9.785	3.087E-09	-6.205	0.000	0.000E+00	-4.768	0.000	0.000E+00	-5.158	0.000	0.000E+00	7.191	1.438	9.801E-12
682	26.452	5.290	4.878E-10	-8.412	0.000	0.000E+00	-9.020	0.000	0.000E+00	-8.251	0.000	0.000E+00	49.872	9.974	3.269E-09	26.732	5.346	5.035E-10	11.467	2.293	3.975E-11
683	10.688	2.138	3.218E-11	-9.616	0.000	0.000E+00	-6.209	0.000	0.000E+00	12.066	2.413	4.630E-11	54.042	10.808	4.160E-09	12.408	2.482	5.035E-11	-22.182	0.000	0.000E+00
684	7.400	1.480	1.068E-11	9.509	1.902	2.266E-11	-10.870	0.000	0.000E+00	-8.068	0.000	0.000E+00	71.108	14.222	9.476E-09	8.259	1.652	1.485E-11	17.998	3.600	1.537E-10
685	49.438	9.888	3.185E-09	9.131	1.826	2.007E-11	6.077	1.215	5.916E-12	14.059	2.812	7.324E-11	-6.176	0.000	0.000E+00	5.558	1.112	4.525E-12	-8.527	0.000	0.000E+00
686	10.504	2.101	3.055E-11	8.861	1.772	1.834E-11	10.753	2.151	3.277E-11	25.711	5.142	4.480E-10	42.506	8.501	2.024E-09	14.876	2.975	8.676E-11	12.476	2.495	5.118E-11
687	6.383	1.277	6.854E-12	4.223	0.845	1.984E-12	32.339	6.468	8.914E-10	14.527	2.905	8.081E-11	-6.756	0.000	0.000E+00	-8.064	0.000	0.000E+00	-7.058	0.000	0.000E+00
688	9.392	1.878	2.184E-11	10.234	2.047	2.825E-11	9.044	1.809	1.950E-11	-7.688	0.000	0.000E+00	11.616	2.323	4.131E-11	31.742	6.348	8.429E-10	-10.862	0.000	0.000E+00
689	14.909	2.982	8.735E-11	34.372	6.874	1.070E-09	53.065	10.613	3.938E-09	8.329	1.666	1.523E-11	7.177	1.435	9.745E-12	9.784	1.957	2.469E-11	11.625	2.325	4.141E-11
690	26.750	5.350	5.045E-10	-6.431	0.000	0.000E+00	5.556	1.111	4.521E-12	44.808	8.962	2.371E-09	46.474	9.295	2.646E-09	-5.417	0.000	0.000E+00	19.096	3.819	1.835E-10
691	-8.381	0.000	0.000E+00	6.783	1.357	8.225E-12	-5.846	0.000	0.000E+00	10.695	2.139	3.225E-11	5.310	1.062	3.945E-12	-9.798	0.000	0.000E+00	12.096	2.419	4.664E-11
692	-5.287	0.000	0.000E+00	-6.898	0.000	0.000E+00	6.392	1.278	6.884E-12	-8.802	0.000	0.000E+00	10.712	2.142	3.240E-11	-6.559	0.000	0.000E+00	27.939	5.588	5.748E-10
693	3.512	0.702	1.142E-12	-3.531	0.000	0.000E+00	-23.638	0.000	0.000E+00	-7.732	0.000	0.000E+00	7.729	1.546	1.217E-11	12.210	2.442	4.798E-11	48.499	9.700	3.007E-09
694	45.483	9.097	2.480E-09	12.843	2.569	5.583E-11	-7.749	0.000	0.000E+00	11.993	2.399	4.546E-11	40.464	8.093	1.746E-09	-7.281	0.000	0.000E+00	14.394	2.879	7.861E-11
695	10.908	2.182	3.421E-11	-7.498	0.000	0.000E+00	10.273	2.055	2.857E-11	8.802	1.760	1.797E-11	8.173	1.635	1.439E-11	-8.659	0.000	0.000E+00	39.956	7.991	1.681E-09
696	-6.757	0.000	0.000E+00	15.052	3.010	8.989E-11	20.796	4.159	2.370E-10	-6.092	0.000	0.000E+00	9.439	1.888	2.217E-11	7.202	1.440	9.844E-12	44.649	8.930	2.346E-09
697	49.388	9.878	3.175E-09	32.419	6.484	8.981E-10	10.500	2.100	3.052E-11	5.470	1.094	4.313E-12	5.507	1.101	4.403E-12	31.971	6.394	8.613E-10	10.345	2.069	2.918E-11
698	9.481	1.896	2.246E-11	-7.526	0.000	0.000E+00	6.628	1.326	7.676E-12	18.445	3.689	1.654E-10	13.545	2.709	6.550E-11	5.052	1.010	3.399E-12	37.903	7.581	1.435E-09
699	6.399	1.280	6.905E-12	10.193	2.039	2.791E-11	-6.440	0.000	0.000E+00	6.187	1.237	6.243E-12	20.076	4.015	2.133E-10	33.445	6.689	9.860E-10	9.807	1.961	2.486E-11
700	9.378	1.876	2.174E-11	6.577	1.315	7.497E-12	8.531	1.706	1.637E-11	79.110	15.822	1.305E-08	8.767	1.753	1.776E-11	8.062	1.612	1.381E-11	-7.877	0.000	0.000E+00
701	44.541	8.908	2.329E-09	-6.197	0.000	0.000E+00	11.610	2.322	4.125E-11	6.080	1.216	5.925E-12	49.648	9.930	3.226E-09	42.009	8.402	1.954E-09	7.487	1.497	1.106E-11
702	-6.526	0.000	0.000E+00	37.245	7.449	1.362E-09	-7.770	0.000	0.000E+00	11.759	2.352	4.286E-11	6.299	1.260	6.586E-12	7.567	1.513	1.142E-11	42.526	8.505	2.027E-09
703	38.983	7.797	1.561E-09	-4.607	0.000	0.000E+00	4.430	0.886	2.292E-12	7.414	1.483	1.074E-11	41.622	8.324	1.900E-09	30.851	6.170	7.739E-10	-6.089	0.000	0.000E+00
704	6.829	1.366	8.396E-12	9.458	1.892	2.230E-11	-5.898	0.000	0.000E+00	8.771	1.754	1.779E-11	10.849	2.170	3.366E-11	46.396	9.279	2.632E-09	15.234	3.047	9.318E-11
705	11.049	2.210	3.555E-11	11.316	2.263	3.819E-11	8.756	1.751	1.769E-11	6.967	1.393	8.914E-12	35.815	7.163	1.211E-09	-8.938	0.000	0.000E+00	9.334	1.867	2.144E-11
706	6.297	1.259	6.581E-12	-7.411	0.000	0.000E+00	15.747	3.149	1.029E-10	16.341	3.268	1.150E-10	13.538	2.708	6.539E-11	12.673	2.535	5.364E-11	80.873	16.175	1.394E-08
707	13.073	2.615	5.889E-11	5.221	1.044	3.750E-12	12.114	2.423	4.686E-11	12.385	2.477	5.007E-11	46.412	9.282	2.635E-09	5.564	1.113	4.539E-12	40.501	8.100	1.751E-09
708	11.368	2.274	3.872E-11	6.915	1.383	8.716E-12	18.254	3.651	1.603E-10	36.015	7.203	1.231E-09	11.150	2.230	3.654E-11	6.715	1.343	7.980E-12	10.098	2.020	2.714E-11
709	-6.915	0.000	0.000E+00	6.485	1.297	7.187E-12	10.898	2.180	3.411E-11	35.288	7.058	1.158E-09	4.806	0.961	2.926E-12	6.671	1.334	7.825E-12	10.459	2.092	3.016E-11
710	14.644	2.929	8.276E-11	36.213	7.243	1.252E-09	9.820	1.964	2.496E-11	89.275	17.855	1.875E-08	11.400	2.280	3.905E-11	6.680	1.336	7.857E-12	30.699	6.140	7.625E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
711	-12.377	0.000	0.000E+00	8.692	1.738	1.731E-11	-3.934	0.000	0.000E+00	90.247	18.049	1.937E-08	-4.601	0.000	0.000E+00	9.226	1.845	2.070E-11	-9.139	0.000	0.000E+00
712	45.147	9.029	2.425E-09	-7.718	0.000	0.000E+00	39.895	7.979	1.674E-09	13.818	2.764	6.954E-11	7.097	1.419	9.422E-12	49.360	9.872	3.170E-09	11.078	2.216	3.583E-11
713	11.132	2.226	3.636E-11	5.202	1.040	3.710E-12	13.866	2.773	7.027E-11	7.313	1.463	1.031E-11	10.641	2.128	3.175E-11	-8.461	0.000	0.000E+00	11.608	2.322	4.122E-11
714	43.226	8.645	2.129E-09	41.182	8.236	1.841E-09	49.192	9.838	3.137E-09	-6.677	0.000	0.000E+00	11.868	2.374	4.406E-11	6.672	1.334	7.828E-12	6.963	1.393	8.898E-12
715	23.987	4.797	3.638E-10	8.116	1.623	1.409E-11	-5.401	0.000	0.000E+00	34.450	6.890	1.078E-09	39.424	7.885	1.615E-09	6.108	1.222	6.005E-12	46.251	9.250	2.608E-09
716	10.405	2.081	2.969E-11	43.646	8.729	2.191E-09	11.130	2.226	3.634E-11	58.725	11.745	5.338E-09	13.907	2.781	7.088E-11	-7.487	0.000	0.000E+00	10.245	2.049	2.834E-11
717	-12.198	0.000	0.000E+00	5.462	1.092	4.295E-12	103.185	20.637	2.896E-08	5.303	1.061	3.930E-12	36.498	7.300	1.281E-09	19.665	3.933	2.004E-10	15.222	3.044	9.296E-11
718	29.728	5.946	6.924E-10	26.777	5.355	5.060E-10	10.498	2.100	3.050E-11	13.020	2.604	5.818E-11	-16.026	0.000	0.000E+00	38.932	7.786	1.555E-09	11.103	2.221	3.608E-11
719	-5.610	0.000	0.000E+00	79.969	15.994	1.348E-08	-7.203	0.000	0.000E+00	13.039	2.608	5.843E-11	5.226	1.045	3.763E-12	38.355	7.671	1.487E-09	8.418	1.684	1.572E-11
720	-7.830	0.000	0.000E+00	8.791	1.758	1.791E-11	16.431	3.286	1.169E-10	87.797	17.559	1.784E-08	4.620	0.924	2.599E-12	-6.214	0.000	0.000E+00	40.082	8.016	1.697E-09
721	37.045	7.409	1.340E-09	10.972	2.194	3.482E-11	-4.315	0.000	0.000E+00	9.367	1.873	2.166E-11	49.504	9.901	3.197E-09	7.664	1.533	1.187E-11	-8.233	0.000	0.000E+00
722	6.362	1.272	6.788E-12	10.939	2.188	3.450E-11	22.591	4.518	3.039E-10	10.361	2.072	2.932E-11	6.485	1.297	7.189E-12	47.183	9.437	2.768E-09	-7.141	0.000	0.000E+00
723	11.658	2.332	4.176E-11	-8.722	0.000	0.000E+00	28.152	5.630	5.880E-10	13.141	2.628	5.982E-11	8.545	1.709	1.645E-11	37.313	7.463	1.369E-09	-6.999	0.000	0.000E+00
724	11.486	2.297	3.993E-11	6.370	1.274	6.813E-12	17.927	3.585	1.519E-10	39.332	7.866	1.604E-09	41.392	8.278	1.869E-09	49.978	9.996	3.290E-09	7.687	1.537	1.197E-11
725	42.127	8.425	1.970E-09	16.673	3.335	1.222E-10	5.995	1.199	5.679E-12	5.935	1.187	5.509E-12	11.970	2.394	4.521E-11	-9.602	0.000	0.000E+00	7.073	1.415	9.326E-12
726	7.891	1.578	1.295E-11	-6.368	0.000	0.000E+00	7.499	1.500	1.111E-11	36.961	7.392	1.331E-09	13.833	2.767	6.976E-11	47.438	9.488	2.814E-09	14.540	2.908	8.102E-11
727	-6.459	0.000	0.000E+00	7.539	1.508	1.129E-11	-7.962	0.000	0.000E+00	75.119	15.024	1.117E-08	-7.381	0.000	0.000E+00	-9.540	0.000	0.000E+00	-6.536	0.000	0.000E+00
728	42.676	8.535	2.049E-09	-6.792	0.000	0.000E+00	6.220	1.244	6.344E-12	-9.786	0.000	0.000E+00	5.147	1.029	3.593E-12	31.405	6.281	8.164E-10	5.174	1.035	3.651E-12
729	7.118	1.424	9.506E-12	7.493	1.499	1.109E-11	-8.528	0.000	0.000E+00	90.835	18.167	1.975E-08	52.797	10.559	3.879E-09	4.294	0.859	2.087E-12	17.200	3.440	1.341E-10
730	-6.792	0.000	0.000E+00	-7.736	0.000	0.000E+00	8.626	1.725	1.692E-11	-6.552	0.000	0.000E+00	10.385	2.077	2.952E-11	16.316	3.263	1.145E-10	-8.810	0.000	0.000E+00
731	5.222	1.044	3.754E-12	-7.265	0.000	0.000E+00	-7.205	0.000	0.000E+00	10.386	2.077	2.953E-11	55.079	11.016	4.404E-09	-5.038	0.000	0.000E+00	7.288	1.458	1.020E-11
732	42.496	8.499	2.023E-09	30.567	6.113	7.527E-10	6.138	1.228	6.094E-12	76.244	15.249	1.168E-08	15.561	3.112	9.931E-11	-6.594	0.000	0.000E+00	48.610	9.722	3.027E-09
733	8.360	1.672	1.540E-11	16.372	3.274	1.157E-10	47.414	9.483	2.809E-09	52.166	10.433	3.742E-09	6.863	1.373	8.519E-12	8.039	1.608	1.369E-11	10.854	2.171	3.371E-11
734	-6.773	0.000	0.000E+00	10.529	2.106	3.076E-11	-7.590	0.000	0.000E+00	-7.653	0.000	0.000E+00	9.602	1.920	2.333E-11	-9.455	0.000	0.000E+00	-6.613	0.000	0.000E+00
735	37.798	7.560	1.423E-09	8.409	1.682	1.567E-11	46.465	9.293	2.644E-09	6.927	1.385	8.760E-12	6.987	1.397	8.992E-12	41.919	8.384	1.941E-09	-4.098	0.000	0.000E+00
736	9.216	1.843	2.063E-11	37.936	7.587	1.439E-09	-5.441	0.000	0.000E+00	9.757	1.951	2.448E-11	8.906	1.781	1.862E-11	40.199	8.040	1.712E-09	-7.661	0.000	0.000E+00
737	9.922	1.984	2.575E-11	5.743	1.149	4.991E-12	11.215	2.243	3.718E-11	81.975	16.395	1.452E-08	5.726	1.145	4.948E-12	10.176	2.035	2.777E-11	-7.105	0.000	0.000E+00
738	-8.455	0.000	0.000E+00	26.525	5.305	4.919E-10	9.355	1.871	2.158E-11	40.686	8.137	1.775E-09	18.660	3.732	1.712E-10	10.998	2.200	3.506E-11	6.155	1.231	6.147E-12
739	6.348	1.270	6.741E-12	-10.268	0.000	0.000E+00	5.414	1.083	4.183E-12	8.835	1.767	1.818E-11	-5.775	0.000	0.000E+00	4.742	0.948	2.810E-12	7.406	1.481	1.071E-11
740	10.400	2.080	2.965E-11	9.414	1.883	2.199E-11	-4.242	0.000	0.000E+00	6.574	1.315	7.487E-12	5.680	1.136	4.830E-12	28.553	5.711	6.136E-10	-6.916	0.000	0.000E+00
741	6.893	1.379	8.631E-12	8.214	1.643	1.460E-11	9.497	1.899	2.257E-11	10.448	2.090	3.006E-11	9.035	1.807	1.944E-11	5.064	1.013	3.423E-12	30.823	6.165	7.718E-10
742	-5.384	0.000	0.000E+00	44.105	8.821	2.261E-09	11.751	2.350	4.276E-11	13.060	2.612	5.872E-11	22.412	4.482	2.967E-10	-8.285	0.000	0.000E+00	10.994	2.199	3.502E-11
743	-6.354	0.000	0.000E+00	7.699	1.540	1.203E-11	8.466	1.693	1.599E-11	55.795	11.159	4.578E-09	4.160	0.832	1.898E-12	20.937	4.187	2.419E-10	38.785	7.757	1.538E-09
744	-8.393	0.000	0.000E+00	32.154	6.431	8.762E-10	18.628	3.726	1.704E-10	42.622	8.524	2.041E-09	11.083	2.217	3.589E-11	22.897	4.579	3.164E-10	42.777	8.555	2.063E-09
745	9.036	1.807	1.944E-11	-5.714	0.000	0.000E+00	31.624	6.325	8.336E-10	9.797	1.959	2.478E-11	5.898	1.180	5.408E-12	-4.308	0.000	0.000E+00	-7.305	0.000	0.000E+00
746	4.565	0.913	2.507E-12	7.389	1.478	1.063E-11	-5.978	0.000	0.000E+00	-11.270	0.000	0.000E+00	45.854	9.171	2.541E-09	9.207	1.841	2.057E-11	-9.699	0.000	0.000E+00
747	-4.640	0.000	0.000E+00	8.823	1.765	1.810E-11	32.139	6.428	8.750E-10	7.684	1.537	1.196E-11	11.320	2.264	3.823E-11	-5.470	0.000	0.000E+00	7.211	1.442	9.882E-12
748	-6.813	0.000	0.000E+00	8.499	1.700	1.618E-11	-6.114	0.000	0.000E+00	11.849	2.370	4.384E-11	-5.392	0.000	0.000E+00	9.544	1.909	2.292E-11	-7.461	0.000	0.000E+00
749	5.045	1.009	3.385E-12	12.551	2.510	5.211E-11	8.702	1.740	1.737E-11	34.050	6.810	1.040E-09	9.674	1.935	2.386E-11	5.476	1.095	4.327E-12	-8.441	0.000	0.000E+00
750	-5.306	0.000	0.000E+00	10.775	2.155	3.297E-11	8.325	1.665	1.521E-11	82.149	16.430	1.461E-08	10.775	2.155	3.297E-11	52.549	10.510	3.825E-09	20.697	4.139	2.337E-10
751	33.917	6.783	1.028E-09	6.137	1.227	6.093E-12	7.792	1.558	1.247E-11	39.148	7.830	1.581E-09	17.406	3.481	1.390E-10	7.679	1.536	1.193E-11	39.164	7.833	1.583E-09
752	-8.291	0.000	0.000E+00	-9.496	0.000	0.000E+00	15.501	3.100	9.818E-11	79.863	15.973	1.343E-08	37.768	7.554	1.420E-09	27.249	5.450	5.333E-10	-6.668	0.000	0.000E+00
753	-8.375	0.000	0.000E+00	49.326	9.865	3.163E-09	-7.860	0.000	0.000E+00	12.674	2.535	5.365E-11	11.946	2.389	4.493E-11	-5.372	0.000	0.000E+00	11.521	2.304	4.031E-11
754	-7.818	0.000	0.000E+00	4.803	0.961	2.919E-12	10.228	2.046	2.820E-11	-5.581	0.000	0.000E+00	18.424	3.685	1.648E-10	21.963	4.393	2.792E-10	6.046	1.209	5.826E-12
755	-8.443	0.000	0.000E+00	10.617	2.123	3.154E-11	8.016	1.603	1.358E-11	-6.265	0.000	0.000E+00	46.624	9.325	2.671E-09	37.000	7.400	1.335E-09	11.689	2.338	4.210E-11

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
756	45.062	9.012	2.412E-09	8.980	1.796	1.909E-11	6.253	1.251	6.443E-12	7.983	1.597	1.341E-11	-4.977	0.000	0.000E+00	-35.899	0.000	0.000E+00	50.547	10.109	3.404E-09
757	41.036	8.207	1.821E-09	33.981	6.796	1.034E-09	5.923	1.185	5.476E-12	6.852	1.370	8.478E-12	11.804	2.361	4.335E-11	-6.353	0.000	0.000E+00	9.508	1.902	2.266E-11
758	8.708	1.742	1.740E-11	12.020	2.404	4.577E-11	10.426	2.085	2.987E-11	6.273	1.255	6.506E-12	7.866	1.573	1.283E-11	-7.631	0.000	0.000E+00	45.396	9.079	2.466E-09
759	13.638	2.728	6.686E-11	13.185	2.637	6.042E-11	9.990	1.998	2.628E-11	-8.068	0.000	0.000E+00	9.162	1.832	2.027E-11	-5.851	0.000	0.000E+00	10.781	2.156	3.303E-11
760	-7.219	0.000	0.000E+00	16.631	3.326	1.212E-10	43.006	8.601	2.096E-09	-7.055	0.000	0.000E+00	50.144	10.029	3.323E-09	23.550	4.710	3.442E-10	-6.846	0.000	0.000E+00
761	50.108	10.022	3.316E-09	24.954	4.991	4.095E-10	-6.207	0.000	0.000E+00	6.754	1.351	8.122E-12	11.350	2.270	3.854E-11	6.450	1.290	7.073E-12	-19.382	0.000	0.000E+00
762	33.908	6.782	1.028E-09	-9.651	0.000	0.000E+00	-8.322	0.000	0.000E+00	5.327	1.065	3.983E-12	7.471	1.494	1.099E-11	7.544	1.509	1.132E-11	7.863	1.573	1.281E-11
763	-6.120	0.000	0.000E+00	14.845	2.969	8.623E-11	6.498	1.300	7.231E-12	60.573	12.115	5.858E-09	47.794	9.559	2.877E-09	52.590	10.518	3.833E-09	8.179	1.636	1.442E-11
764	10.062	2.012	2.685E-11	6.290	1.258	6.559E-12	33.654	6.731	1.005E-09	8.415	1.683	1.570E-11	-6.493	0.000	0.000E+00	41.896	8.379	1.938E-09	7.091	1.418	9.399E-12
765	7.792	1.558	1.247E-11	-9.087	0.000	0.000E+00	10.050	2.010	2.676E-11	42.708	8.542	2.053E-09	32.247	6.449	8.838E-10	18.138	3.628	1.573E-10	8.692	1.738	1.731E-11
766	-6.030	0.000	0.000E+00	8.315	1.663	1.515E-11	8.390	1.678	1.556E-11	48.575	9.715	3.021E-09	13.323	2.665	6.233E-11	-5.642	0.000	0.000E+00	7.296	1.459	1.024E-11
767	11.117	2.223	3.621E-11	44.457	8.891	2.316E-09	45.669	9.134	2.510E-09	10.634	2.127	3.170E-11	16.863	3.373	1.264E-10	9.456	1.891	2.229E-11	30.877	6.175	7.759E-10
768	6.723	1.345	8.008E-12	9.773	1.955	2.460E-11	7.950	1.590	1.324E-11	5.041	1.008	3.376E-12	-6.151	0.000	0.000E+00	49.288	9.858	3.156E-09	7.916	1.583	1.308E-11
769	35.478	7.096	1.177E-09	-9.013	0.000	0.000E+00	-5.490	0.000	0.000E+00	7.847	1.569	1.274E-11	9.152	1.830	2.021E-11	55.174	11.035	4.427E-09	42.488	8.498	2.022E-09
770	10.647	2.129	3.181E-11	51.137	10.227	3.525E-09	7.093	1.419	9.406E-12	4.532	0.906	2.453E-12	26.501	5.300	4.906E-10	37.129	7.426	1.349E-09	11.999	2.400	4.554E-11
771	20.824	4.165	2.380E-10	13.735	2.747	6.829E-11	19.517	3.903	1.959E-10	39.024	7.805	1.566E-09	12.397	2.479	5.021E-11	35.292	7.058	1.159E-09	-4.697	0.000	0.000E+00
772	-7.825	0.000	0.000E+00	8.641	1.728	1.700E-11	6.942	1.388	8.817E-12	-5.978	0.000	0.000E+00	6.480	1.296	7.171E-12	47.890	9.578	2.895E-09	6.451	1.290	7.076E-12
773	42.553	8.511	2.031E-09	7.228	1.446	9.953E-12	-6.137	0.000	0.000E+00	25.597	5.119	4.420E-10	-4.626	0.000	0.000E+00	7.967	1.593	1.333E-11	24.796	4.959	4.018E-10
774	24.753	4.951	3.997E-10	7.853	1.571	1.277E-11	11.282	2.256	3.785E-11	8.945	1.789	1.886E-11	9.225	1.845	2.069E-11	28.026	5.605	5.802E-10	30.036	6.007	7.142E-10
775	9.479	1.896	2.245E-11	-5.825	0.000	0.000E+00	9.884	1.977	2.545E-11	-5.713	0.000	0.000E+00	11.597	2.319	4.111E-11	-6.768	0.000	0.000E+00	-5.974	0.000	0.000E+00
776	40.710	8.142	1.778E-09	5.332	1.066	3.995E-12	-9.371	0.000	0.000E+00	7.735	1.547	1.220E-11	10.492	2.098	3.044E-11	6.436	1.287	7.027E-12	47.370	9.474	2.802E-09
777	-5.414	0.000	0.000E+00	44.103	8.821	2.261E-09	5.319	1.064	3.967E-12	40.617	8.123	1.766E-09	53.649	10.730	4.070E-09	6.011	1.202	5.725E-12	11.430	2.286	3.935E-11
778	52.200	10.440	3.749E-09	9.612	1.922	2.340E-11	11.358	2.272	3.862E-11	-9.049	0.000	0.000E+00	9.330	1.866	2.141E-11	44.119	8.824	2.263E-09	36.620	7.324	1.294E-09
779	8.523	1.705	1.632E-11	-6.209	0.000	0.000E+00	8.612	1.722	1.684E-11	-7.886	0.000	0.000E+00	7.813	1.563	1.257E-11	34.880	6.976	1.118E-09	33.906	6.781	1.027E-09
780	44.057	8.811	2.254E-09	20.983	4.197	2.435E-10	27.939	5.588	5.748E-10	89.706	17.941	1.903E-08	68.035	13.607	8.300E-09	47.313	9.463	2.792E-09	12.798	2.560	5.525E-11
781	23.954	4.791	3.623E-10	29.194	5.839	6.558E-10	6.853	1.371	8.483E-12	11.450	2.290	3.957E-11	19.298	3.860	1.894E-10	6.657	1.331	7.775E-12	8.599	1.720	1.676E-11
782	6.777	1.355	8.203E-12	11.048	2.210	3.554E-11	6.291	1.258	6.562E-12	-7.358	0.000	0.000E+00	33.979	6.796	1.034E-09	7.458	1.492	1.093E-11	14.477	2.895	7.998E-11
783	12.298	2.460	4.903E-11	6.360	1.272	6.780E-12	35.229	7.046	1.152E-09	5.911	1.182	5.444E-12	28.151	5.630	5.880E-10	-6.621	0.000	0.000E+00	35.311	7.062	1.160E-09
784	8.464	1.693	1.598E-11	7.487	1.497	1.106E-11	31.835	6.367	8.503E-10	21.493	4.299	2.617E-10	4.652	0.930	2.654E-12	45.411	9.082	2.468E-09	-12.512	0.000	0.000E+00
785	48.526	9.705	3.012E-09	45.854	9.171	2.541E-09	9.069	1.814	1.966E-11	84.967	16.993	1.617E-08	50.065	10.013	3.308E-09	8.603	1.721	1.678E-11	37.574	7.515	1.398E-09
786	39.452	7.890	1.618E-09	66.183	13.237	7.641E-09	40.799	8.160	1.790E-09	-6.210	0.000	0.000E+00	5.414	1.083	4.183E-12	8.197	1.639	1.451E-11	48.731	9.746	3.050E-09
787	4.681	0.936	2.703E-12	35.776	7.155	1.207E-09	27.741	5.548	5.627E-10	90.155	18.031	1.931E-08	15.810	3.162	1.042E-10	67.278	13.456	8.026E-09	-7.034	0.000	0.000E+00
788	6.247	1.249	6.424E-12	20.640	4.128	2.318E-10	16.929	3.386	1.279E-10	-5.430	0.000	0.000E+00	7.725	1.545	1.215E-11	-7.747	0.000	0.000E+00	6.105	1.221	5.999E-12
789	10.180	2.036	2.781E-11	11.851	2.370	4.387E-11	40.911	8.182	1.805E-09	7.972	1.594	1.335E-11	-7.115	0.000	0.000E+00	36.928	7.386	1.327E-09	46.654	9.331	2.677E-09
790	37.240	7.448	1.361E-09	8.735	1.747	1.756E-11	11.862	2.372	4.399E-11	6.598	1.320	7.572E-12	5.495	1.099	4.372E-12	42.970	8.594	2.091E-09	42.892	8.578	2.080E-09
791	8.868	1.774	1.838E-11	9.539	1.908	2.287E-11	15.418	3.084	9.660E-11	8.034	1.607	1.367E-11	38.146	7.629	1.463E-09	11.896	2.379	4.438E-11	8.387	1.677	1.555E-11
792	9.455	1.891	2.228E-11	8.385	1.677	1.554E-11	5.580	1.116	4.580E-12	131.023	26.205	5.928E-08	8.555	1.711	1.650E-11	49.148	9.830	3.129E-09	6.391	1.278	6.879E-12
793	61.310	12.262	6.074E-09	7.130	1.426	9.552E-12	43.003	8.601	2.096E-09	9.077	1.815	1.971E-11	-6.486	0.000	0.000E+00	82.914	16.583	1.502E-08	-12.023	0.000	0.000E+00
794	-7.601	0.000	0.000E+00	6.300	1.260	6.590E-12	81.303	16.261	1.416E-08	10.228	2.046	2.820E-11	10.553	2.111	3.097E-11	6.594	1.319	7.558E-12	9.522	1.904	2.276E-11
795	142.234	28.447	7.584E-08	17.285	3.457	1.361E-10	35.852	7.170	1.215E-09	130.687	26.137	5.883E-08	14.173	2.835	7.504E-11	41.154	8.231	1.837E-09	8.687	1.737	1.728E-11
796	32.695	6.539	9.212E-10	40.115	8.023	1.701E-09	55.535	11.107	4.514E-09	-8.628	0.000	0.000E+00	10.750	2.150	3.274E-11	84.463	16.893	1.588E-08	-8.403	0.000	0.000E+00
797	10.722	2.144	3.249E-11	19.450	3.890	1.939E-10	45.829	9.166	2.537E-09	-5.616	0.000	0.000E+00	-3.967	0.000	0.000E+00	-6.930	0.000	0.000E+00	4.832	0.966	2.974E-12
798	40.849	8.170	1.796E-09	-5.709	0.000	0.000E+00	49.795	9.959	3.254E-09	-5.979	0.000	0.000E+00	-5.387	0.000	0.000E+00	8.511	1.702	1.625E-11	17.906	3.581	1.513E-10
799	35.646	7.129	1.194E-09	7.181	1.436	9.762E-12	9.528	1.906	2.280E-11	13.408	2.682	6.354E-11	-9.425	0.000	0.000E+00	6.434	1.287	7.020E-12	-5.446	0.000	0.000E+00
800	7.382	1.476	1.060E-11	8.672	1.734	1.719E-11	-14.273	0.000	0.000E+00	17.471	3.494	1.406E-10	5.920	1.184	5.468E-12	-6.074	0.000	0.000E+00	6.955	1.391	8.869E-12

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
801	7.622	1.524	1.167E-11	-5.138	0.000	0.000E+00	30.054	6.011	7.155E-10	14.471	2.894	7.987E-11	8.415	1.683	1.571E-11	94.378	18.876	2.216E-08	-11.301	0.000	0.000E+00
802	11.555	2.311	4.067E-11	89.484	17.897	1.889E-08	-4.879	0.000	0.000E+00	5.838	1.168	5.243E-12	47.049	9.410	2.745E-09	6.272	1.254	6.503E-12	11.104	2.221	3.608E-11
803	65.609	13.122	7.444E-09	40.150	8.030	1.706E-09	8.270	1.654	1.491E-11	51.026	10.205	3.502E-09	10.328	2.066	2.903E-11	9.416	1.883	2.201E-11	-5.871	0.000	0.000E+00
804	8.163	1.633	1.434E-11	6.284	1.257	6.541E-12	47.428	9.486	2.812E-09	44.198	8.840	2.276E-09	39.499	7.900	1.624E-09	6.493	1.299	7.215E-12	30.922	6.184	7.793E-10
805	36.058	7.212	1.236E-09	40.556	8.111	1.758E-09	44.850	8.970	2.378E-09	5.181	1.036	3.665E-12	6.370	1.274	6.814E-12	18.890	3.778	1.777E-10	4.057	0.811	1.760E-12
806	-9.004	0.000	0.000E+00	-5.232	0.000	0.000E+00	13.254	2.651	6.137E-11	-5.483	0.000	0.000E+00	11.165	2.233	3.668E-11	37.618	7.524	1.403E-09	-4.893	0.000	0.000E+00
807	56.846	11.369	4.842E-09	-5.025	0.000	0.000E+00	57.120	11.424	4.912E-09	14.060	2.812	7.326E-11	6.217	1.243	6.334E-12	9.739	1.948	2.435E-11	19.985	3.997	2.104E-10
808	-5.330	0.000	0.000E+00	10.505	2.101	3.055E-11	56.341	11.268	4.714E-09	10.389	2.078	2.955E-11	42.662	8.532	2.047E-09	40.117	8.023	1.702E-09	-8.010	0.000	0.000E+00
809	48.912	9.782	3.084E-09	7.284	1.457	1.019E-11	16.935	3.387	1.280E-10	14.174	2.835	7.505E-11	38.567	7.713	1.512E-09	46.964	9.393	2.730E-09	37.380	7.476	1.377E-09
810	-7.308	0.000	0.000E+00	9.608	1.922	2.338E-11	36.329	7.266	1.264E-09	8.724	1.745	1.750E-11	49.216	9.843	3.142E-09	9.186	1.837	2.043E-11	-18.852	0.000	0.000E+00
811	8.508	1.702	1.623E-11	5.955	1.191	5.565E-12	47.752	9.550	2.870E-09	15.823	3.165	1.044E-10	13.320	2.664	6.229E-11	64.162	12.832	6.962E-09	6.685	1.337	7.874E-12
812	51.716	10.343	3.646E-09	39.092	7.818	1.575E-09	31.683	6.337	8.382E-10	82.937	16.587	1.504E-08	26.067	5.213	4.668E-10	-7.370	0.000	0.000E+00	-10.671	0.000	0.000E+00
813	-6.811	0.000	0.000E+00	5.086	1.017	3.468E-12	7.701	1.540	1.204E-11	6.242	1.248	6.410E-12	15.143	3.029	9.151E-11	9.355	1.871	2.158E-11	12.068	2.414	4.633E-11
814	-7.611	0.000	0.000E+00	12.005	2.401	4.560E-11	11.847	2.369	4.383E-11	76.924	15.385	1.200E-08	19.313	3.863	1.899E-10	9.128	1.826	2.004E-11	49.715	9.943	3.239E-09
815	10.428	2.086	2.989E-11	-6.105	0.000	0.000E+00	7.383	1.477	1.061E-11	11.535	2.307	4.046E-11	19.493	3.899	1.952E-10	5.974	1.195	5.620E-12	7.369	1.474	1.055E-11
816	11.698	2.340	4.220E-11	-8.623	0.000	0.000E+00	9.425	1.885	2.207E-11	-5.744	0.000	0.000E+00	33.162	6.632	9.612E-10	32.352	6.470	8.925E-10	8.863	1.773	1.835E-11
817	43.726	8.745	2.203E-09	73.816	14.763	1.060E-08	6.005	1.201	5.706E-12	35.014	7.003	1.131E-09	234.389	46.878	3.394E-07	14.015	2.803	7.256E-11	5.355	1.071	4.047E-12
818	46.851	9.370	2.710E-09	-8.762	0.000	0.000E+00	34.638	6.928	1.095E-09	11.185	2.237	3.688E-11	8.056	1.611	1.378E-11	63.615	12.723	6.785E-09	-6.003	0.000	0.000E+00
819	8.412	1.682	1.569E-11	4.054	0.811	1.756E-12	30.536	6.107	7.504E-09	-6.517	0.000	0.000E+00	49.470	9.894	3.191E-09	10.639	2.128	3.174E-11	46.309	9.262	2.618E-09
820	12.410	2.482	5.037E-11	5.803	1.161	5.149E-12	68.641	13.728	8.524E-09	68.265	13.653	8.385E-09	39.300	7.860	1.600E-09	10.488	2.098	3.041E-11	-4.626	0.000	0.000E+00
821	-27.401	0.000	0.000E+00	-6.757	0.000	0.000E+00	7.518	1.504	1.120E-11	-6.684	0.000	0.000E+00	11.806	2.361	4.337E-11	7.159	1.432	9.669E-12	14.071	2.814	7.343E-11
822	12.558	2.512	5.220E-11	6.207	1.241	6.303E-12	-5.661	0.000	0.000E+00	10.078	2.016	2.698E-11	13.898	2.780	7.075E-11	10.312	2.062	2.890E-11	23.021	4.604	3.216E-10
823	-4.527	0.000	0.000E+00	8.233	1.647	1.471E-11	34.237	6.847	1.058E-09	14.483	2.897	8.007E-11	-5.619	0.000	0.000E+00	6.608	1.322	7.605E-12	12.541	2.508	5.198E-11
824	5.499	1.100	4.382E-12	-7.049	0.000	0.000E+00	18.114	3.623	1.567E-10	6.879	1.376	8.581E-12	46.451	9.290	2.642E-09	49.632	9.926	3.222E-09	56.076	11.215	4.647E-09
825	-9.344	0.000	0.000E+00	-6.081	0.000	0.000E+00	7.753	1.551	1.229E-11	-8.247	0.000	0.000E+00	8.204	1.641	1.455E-11	30.716	6.143	7.638E-10	9.983	1.997	2.623E-11
826	39.713	7.943	1.651E-09	6.684	1.337	7.870E-12	49.557	9.911	3.208E-09	21.339	4.268	2.561E-10	10.167	2.033	2.770E-11	-3.778	0.000	0.000E+00	45.898	9.180	2.548E-09
827	39.756	7.951	1.656E-09	-6.652	0.000	0.000E+00	60.175	12.035	5.743E-09	-56.349	0.000	0.000E+00	9.488	1.898	2.251E-11	7.835	1.567	1.267E-11	38.560	7.712	1.511E-09
828	-4.980	0.000	0.000E+00	47.394	9.479	2.806E-09	36.091	7.218	1.239E-09	-8.250	0.000	0.000E+00	-5.110	0.000	0.000E+00	-9.328	0.000	0.000E+00	12.086	2.417	4.654E-11
829	8.330	1.666	1.523E-11	38.011	7.602	1.447E-09	48.960	9.792	3.093E-09	-6.280	0.000	0.000E+00	16.747	3.349	1.238E-10	82.654	16.531	1.488E-08	-3.942	0.000	0.000E+00
830	-8.346	0.000	0.000E+00	5.084	1.017	3.463E-12	12.677	2.535	5.369E-11	-4.531	0.000	0.000E+00	28.362	5.672	6.013E-10	14.888	2.978	8.698E-11	10.572	2.114	3.114E-11
831	-4.380	0.000	0.000E+00	6.413	1.283	6.951E-12	4.845	0.969	2.998E-12	49.141	9.828	3.128E-09	105.738	21.148	3.116E-08	32.231	6.446	8.825E-10	10.579	2.116	3.120E-11
832	30.141	6.028	7.217E-10	26.654	5.331	4.991E-10	-5.146	0.000	0.000E+00	7.598	1.520	1.156E-11	8.885	1.777	1.849E-11	56.611	11.322	4.782E-09	8.363	1.673	1.542E-11
833	9.553	1.911	2.298E-11	6.561	1.312	7.443E-12	137.755	27.551	6.890E-08	-7.060	0.000	0.000E+00	11.454	2.291	3.960E-11	7.884	1.577	1.292E-11	29.837	5.967	7.001E-10
834	4.109	0.822	1.829E-12	40.097	8.019	1.699E-09	-5.347	0.000	0.000E+00	10.909	2.182	3.422E-11	8.018	1.604	1.359E-11	-7.339	0.000	0.000E+00	-6.003	0.000	0.000E+00
835	56.499	11.300	4.754E-09	53.905	10.781	4.128E-09	-6.191	0.000	0.000E+00	5.573	1.115	4.561E-12	6.026	1.205	5.766E-12	76.726	15.345	1.190E-08	4.380	0.876	2.215E-12
836	7.622	1.524	1.167E-11	4.536	0.907	2.459E-12	46.022	9.204	2.569E-09	84.793	16.959	1.607E-08	12.212	2.442	4.800E-11	35.887	7.177	1.218E-09	5.374	1.075	4.091E-12
837	11.129	2.226	3.633E-11	-5.317	0.000	0.000E+00	33.507	6.701	9.915E-10	-6.743	0.000	0.000E+00	19.889	3.978	2.073E-10	6.702	1.340	7.933E-12	12.825	2.565	5.560E-11
838	9.185	1.837	2.042E-11	28.955	5.791	6.398E-10	-5.712	0.000	0.000E+00	91.144	18.229	1.996E-08	40.045	8.009	1.693E-09	27.275	5.455	5.348E-10	10.378	2.076	2.946E-11
839	32.730	6.546	9.241E-10	-8.097	0.000	0.000E+00	6.739	1.348	8.068E-12	10.952	2.190	3.463E-11	31.609	6.322	8.324E-10	4.351	0.870	2.170E-12	35.414	7.083	1.171E-09
840	7.109	1.422	9.469E-12	-7.722	0.000	0.000E+00	52.696	10.539	3.857E-09	25.781	5.156	4.516E-10	69.236	13.847	8.747E-09	4.444	0.889	2.313E-12	60.539	12.108	5.848E-09
841	42.484	8.497	2.021E-09	-5.620	0.000	0.000E+00	-5.252	0.000	0.000E+00	4.641	0.928	2.635E-12	-5.708	0.000	0.000E+00	7.304	1.461	1.027E-11	10.597	2.119	3.137E-11
842	6.758	1.352	8.136E-12	7.064	1.413	9.290E-12	43.415	8.683	2.157E-09	8.445	1.689	1.588E-11	-6.410	0.000	0.000E+00	9.967	1.993	2.610E-11	-6.029	0.000	0.000E+00
843	10.822	2.164	3.340E-11	11.315	2.263	3.818E-11	8.531	1.706	1.637E-11	36.140	7.228	1.244E-09	21.251	4.250	2.530E-10	9.093	1.819	1.982E-11	5.182	1.036	3.669E-12
844	9.534	1.907	2.284E-11	5.319	1.064	3.967E-12	-7.469	0.000	0.000E+00	58.178	11.636	5.190E-09	6.623	1.325	7.658E-12	-5.365	0.000	0.000E+00	-5.082	0.000	0.000E+00
845	8.968	1.794	1.901E-11	32.853	6.571	9.346E-10	87.559	17.512	1.769E-08	34.138	6.828	1.049E-09	9.622	1.924	2.348E-11	31.665	6.333	8.368E-10	45.066	9.013	2.412E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
846	52.069	10.414	3.721E-09	6.933	1.387	8.785E-12	8.983	1.797	1.911E-11	55.104	11.021	4.410E-09	59.925	11.985	5.672E-09	47.436	9.487	2.813E-09	9.174	1.835	2.035E-11
847	12.374	2.475	4.994E-11	13.036	2.607	5.838E-11	5.228	1.046	3.765E-12	40.308	8.062	1.726E-09	-8.370	0.000	0.000E+00	12.151	2.430	4.729E-11	9.729	1.946	2.427E-11
848	11.905	2.381	4.447E-11	8.811	1.762	1.803E-11	9.509	1.902	2.266E-11	27.557	5.511	5.516E-10	15.775	3.155	1.035E-10	9.627	1.925	2.352E-11	-11.380	0.000	0.000E+00
849	14.992	2.998	8.881E-11	5.797	1.159	5.135E-12	3.499	0.700	1.129E-12	-7.039	0.000	0.000E+00	6.838	1.368	8.425E-12	43.209	8.642	2.126E-09	58.836	11.767	5.368E-09
850	-6.011	0.000	0.000E+00	10.244	2.049	2.833E-11	-7.327	0.000	0.000E+00	17.548	3.510	1.424E-10	38.933	7.787	1.555E-09	9.893	1.979	2.552E-11	7.005	1.401	9.062E-12
851	8.799	1.760	1.796E-11	51.165	10.233	3.530E-09	8.192	1.638	1.449E-11	10.221	2.044	2.815E-11	8.680	1.736	1.723E-11	-5.339	0.000	0.000E+00	8.818	1.764	1.807E-11
852	5.206	1.041	3.719E-12	12.531	2.506	5.186E-11	42.306	8.461	1.996E-09	-8.815	0.000	0.000E+00	40.791	8.158	1.789E-09	11.569	2.314	4.081E-11	8.981	1.796	1.909E-11
853	11.318	2.264	3.821E-11	34.994	6.999	1.129E-09	13.955	2.791	7.163E-11	11.179	2.236	3.682E-11	11.505	2.301	4.014E-11	43.446	8.689	2.161E-09	9.883	1.977	2.544E-11
854	4.861	0.972	3.028E-12	-5.573	0.000	0.000E+00	7.495	1.499	1.110E-11	-4.711	0.000	0.000E+00	54.706	10.941	4.315E-09	4.651	0.930	2.651E-12	-4.863	0.000	0.000E+00
855	-6.722	0.000	0.000E+00	8.033	1.607	1.366E-11	38.943	7.789	1.557E-09	34.017	6.803	1.037E-09	30.960	6.192	7.821E-10	54.950	10.990	4.373E-09	31.936	6.387	8.584E-10
856	6.631	1.326	7.685E-12	-5.565	0.000	0.000E+00	-9.253	0.000	0.000E+00	53.241	10.648	3.978E-09	9.266	1.853	2.097E-11	32.647	6.529	9.171E-10	36.171	7.234	1.247E-09
857	8.140	1.628	1.421E-11	9.044	1.809	1.950E-11	54.523	10.905	4.272E-09	48.964	9.793	3.094E-09	-4.513	0.000	0.000E+00	10.062	2.012	2.685E-11	4.541	0.908	2.467E-12
858	53.429	10.686	4.020E-09	45.085	9.017	2.415E-09	8.025	1.605	1.362E-11	-4.795	0.000	0.000E+00	8.254	1.651	1.482E-11	7.238	1.448	9.995E-12	29.882	5.976	7.033E-10
859	36.405	7.281	1.272E-09	-10.153	0.000	0.000E+00	5.801	1.160	5.145E-12	5.035	1.007	3.365E-12	37.703	7.541	1.413E-09	2.489	0.498	4.063E-13	9.928	1.986	2.579E-11
860	91.887	18.377	2.045E-08	-9.391	0.000	0.000E+00	9.959	1.992	2.604E-11	-7.486	0.000	0.000E+00	-34.856	0.000	0.000E+00	39.729	7.946	1.653E-09	10.343	2.069	2.916E-11
861	-7.373	0.000	0.000E+00	6.236	1.247	6.390E-12	15.200	3.040	9.257E-11	10.100	2.020	2.715E-11	7.350	1.470	1.046E-11	49.161	9.832	3.131E-09	11.621	2.324	4.136E-11
862	44.964	8.993	2.396E-09	-5.239	0.000	0.000E+00	5.186	1.037	3.676E-12	39.372	7.874	1.609E-09	16.349	3.270	1.152E-10	14.465	2.893	7.978E-11	11.619	2.324	4.135E-11
863	-5.462	0.000	0.000E+00	5.529	1.106	4.456E-12	-9.860	0.000	0.000E+00	16.642	3.328	1.215E-10	13.863	2.773	7.022E-11	7.195	1.439	9.819E-12	12.781	2.556	5.503E-11
864	8.951	1.790	1.890E-11	7.144	1.429	9.611E-12	14.389	2.878	7.851E-11	-7.790	0.000	0.000E+00	13.489	2.698	6.468E-11	46.660	9.332	2.678E-09	15.370	3.074	9.571E-11
865	19.701	3.940	2.015E-10	7.690	1.538	1.199E-11	53.107	10.621	3.948E-09	6.899	1.380	8.656E-12	42.936	8.587	2.086E-09	11.402	2.280	3.907E-11	27.696	5.539	5.599E-10
866	5.531	1.106	4.460E-12	11.869	2.374	4.407E-11	9.003	1.801	1.923E-11	13.672	2.734	6.736E-11	14.251	2.850	7.628E-11	-6.314	0.000	0.000E+00	89.350	17.870	1.880E-08
867	10.071	2.014	2.692E-11	-6.040	0.000	0.000E+00	6.710	1.342	7.963E-12	11.869	2.374	4.407E-11	7.999	1.600	1.349E-11	4.852	0.970	3.011E-12	-16.575	0.000	0.000E+00
868	7.663	1.533	1.186E-11	4.075	0.815	1.784E-12	65.466	13.093	7.395E-09	10.606	2.121	3.144E-11	8.600	1.720	1.676E-11	19.663	3.933	2.004E-10	53.333	10.667	3.998E-09
869	89.540	17.908	1.892E-08	21.023	4.205	2.449E-10	-6.323	0.000	0.000E+00	3.842	0.768	1.495E-12	28.639	5.728	6.191E-10	-34.464	0.000	0.000E+00	58.344	11.669	5.235E-09
870	10.877	2.175	3.392E-11	-9.070	0.000	0.000E+00	15.833	3.167	1.046E-10	49.055	9.811	3.111E-09	16.150	3.230	1.110E-10	41.740	8.348	1.917E-09	34.881	6.976	1.119E-09
871	43.176	8.635	2.121E-09	7.846	1.569	1.273E-11	47.115	9.423	2.757E-09	6.703	1.341	7.938E-12	33.105	6.621	9.562E-10	45.925	9.185	2.553E-09	8.464	1.693	1.598E-11
872	-7.661	0.000	0.000E+00	63.428	12.686	6.726E-09	9.173	1.835	2.034E-11	73.487	14.697	1.046E-08	6.142	1.228	6.107E-12	43.892	8.778	2.229E-09	29.703	5.941	6.907E-10
873	28.111	5.622	5.855E-10	-6.588	0.000	0.000E+00	13.538	2.708	6.539E-11	9.369	1.874	2.168E-11	15.151	3.030	9.166E-11	31.602	6.320	8.318E-10	8.548	1.710	1.646E-11
874	27.372	5.474	5.405E-10	6.787	1.357	8.238E-12	24.473	4.895	3.863E-10	13.791	2.758	6.912E-11	9.682	1.936	2.392E-11	24.114	4.823	3.696E-10	80.817	16.163	1.391E-08
875	13.065	2.613	5.877E-11	52.081	10.416	3.723E-09	7.998	1.600	1.348E-11	9.191	1.838	2.046E-11	-6.958	0.000	0.000E+00	9.943	1.989	2.591E-11	5.727	1.145	4.951E-12
876	53.232	10.646	3.976E-09	8.572	1.714	1.660E-11	-8.802	0.000	0.000E+00	9.437	1.887	2.215E-11	14.659	2.932	8.303E-11	18.765	3.753	1.741E-10	8.277	1.655	1.494E-11
877	57.306	11.461	4.960E-09	-8.493	0.000	0.000E+00	40.115	8.023	1.701E-09	-8.696	0.000	0.000E+00	24.211	4.842	3.740E-10	-4.616	0.000	0.000E+00	22.340	4.468	2.939E-10
878	40.196	8.039	1.712E-09	5.905	1.181	5.426E-12	5.818	1.164	5.191E-12	8.008	1.602	1.354E-11	7.814	1.563	1.257E-11	8.813	1.763	1.804E-11	9.273	1.855	2.102E-11
879	47.444	9.489	2.815E-09	50.430	10.086	3.380E-09	38.657	7.731	1.523E-09	7.417	1.483	1.075E-11	6.916	1.383	8.720E-12	5.778	1.156	5.085E-12	6.287	1.257	6.551E-12
880	5.911	1.182	5.442E-12	37.980	7.596	1.444E-09	7.651	1.530	1.180E-11	12.134	2.427	4.709E-11	-7.737	0.000	0.000E+00	-10.020	0.000	0.000E+00	-4.005	0.000	0.000E+00
881	41.347	8.269	1.863E-09	12.639	2.528	5.321E-11	31.687	6.337	8.385E-10	12.033	2.407	4.592E-11	48.523	9.705	3.011E-09	46.635	9.327	2.673E-09	42.329	8.466	1.999E-09
882	-6.364	0.000	0.000E+00	44.902	8.980	2.386E-09	14.365	2.873	7.813E-11	14.766	2.953	8.485E-11	7.768	1.554	1.235E-11	66.574	13.315	7.777E-09	67.014	13.403	7.932E-09
883	13.894	2.779	7.070E-11	35.755	7.151	1.205E-09	6.067	1.213	5.886E-12	11.123	2.225	3.627E-11	26.316	5.263	4.803E-10	-6.258	0.000	0.000E+00	-7.756	0.000	0.000E+00
884	8.328	1.666	1.522E-11	48.132	9.626	2.939E-09	9.674	1.935	2.386E-11	7.489	1.498	1.107E-11	14.730	2.946	8.423E-11	59.826	11.965	5.644E-09	81.694	16.339	1.437E-08
885	3.905	0.781	1.569E-12	6.062	1.212	5.871E-12	58.160	11.632	5.185E-09	4.742	0.948	2.811E-12	19.348	3.870	1.909E-10	13.987	2.797	7.213E-11	11.863	2.373	4.401E-11
886	46.118	9.224	2.585E-09	56.000	11.200	4.629E-09	6.525	1.305	7.323E-12	37.649	7.530	1.407E-09	21.160	4.232	2.497E-10	-6.501	0.000	0.000E+00	6.916	1.383	8.718E-12
887	10.344	2.069	2.917E-11	10.052	2.010	2.677E-11	11.322	2.264	3.826E-11	-8.008	0.000	0.000E+00	27.531	5.506	5.500E-10	14.795	2.959	8.536E-11	9.510	1.902	2.267E-11
888	8.829	1.766	1.814E-11	-6.794	0.000	0.000E+00	13.958	2.792	7.167E-11	-6.109	0.000	0.000E+00	7.552	1.510	1.135E-11	88.426	17.685	1.822E-08	-7.624	0.000	0.000E+00
889	12.421	2.484	5.051E-11	42.105	8.421	1.967E-09	31.821	6.364	8.492E-10	47.482	9.496	2.821E-09	10.373	2.075	2.942E-11	15.257	3.051	9.360E-11	5.479	1.096	4.335E-12
890	9.923	1.985	2.576E-11	41.562	8.312	1.892E-09	-5.583	0.000	0.000E+00	41.002	8.200	1.817E-09	10.247	2.049	2.836E-11	34.724	6.945	1.104E-09	-4.752	0.000	0.000E+00

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
891	9.608	1.922	2.338E-11	12.115	2.423	4.686E-11	11.702	2.340	4.223E-11	8.918	1.784	1.869E-11	35.197	7.039	1.149E-09	9.060	1.812	1.960E-11	10.607	2.121	3.146E-11
892	32.104	6.421	8.721E-10	10.221	2.044	2.814E-11	16.150	3.230	1.110E-10	33.704	6.741	1.009E-09	9.081	1.816	1.974E-11	12.829	2.566	5.565E-11	10.062	2.012	2.685E-11
893	49.029	9.806	3.106E-09	23.566	4.713	3.449E-10	8.364	1.673	1.542E-11	101.024	20.205	2.717E-08	7.415	1.483	1.074E-11	-9.488	0.000	0.000E+00	6.431	1.286	7.011E-12
894	9.451	1.890	2.225E-11	8.430	1.686	1.579E-11	9.266	1.853	2.097E-11	-7.838	0.000	0.000E+00	7.360	1.472	1.051E-11	10.217	2.043	2.811E-11	40.396	8.079	1.737E-09
895	15.674	3.135	1.015E-10	-6.905	0.000	0.000E+00	7.048	1.410	9.226E-12	116.437	23.287	4.161E-08	31.143	6.229	7.961E-10	11.387	2.277	3.891E-11	19.989	3.998	2.105E-10
896	78.769	15.754	1.288E-08	9.629	1.926	2.353E-11	-4.532	0.000	0.000E+00	4.163	0.833	1.901E-12	39.176	7.835	1.585E-09	9.376	1.875	2.173E-11	-33.889	0.000	0.000E+00
897	17.562	3.512	1.428E-10	8.264	1.653	1.488E-11	7.389	1.478	1.063E-11	-7.290	0.000	0.000E+00	28.908	5.782	6.367E-10	35.250	7.050	1.154E-09	9.890	1.978	2.550E-11
898	17.204	3.441	1.342E-10	7.496	1.499	1.110E-11	59.383	11.877	5.519E-09	-5.338	0.000	0.000E+00	31.395	6.279	8.156E-10	24.225	4.845	3.747E-10	42.916	8.583	2.083E-09
899	-6.331	0.000	0.000E+00	8.601	1.720	1.677E-11	11.463	2.293	3.970E-11	8.029	1.606	1.364E-11	8.676	1.735	1.721E-11	8.385	1.677	1.554E-11	23.763	4.753	3.537E-10
900	30.760	6.152	7.671E-10	39.027	7.805	1.567E-09	34.305	6.861	1.064E-09	10.671	2.134	3.202E-11	47.053	9.411	2.746E-09	-9.823	0.000	0.000E+00	-6.538	0.000	0.000E+00
901	44.483	8.897	2.320E-09	34.666	6.933	1.098E-09	8.336	1.667	1.527E-11	10.686	2.137	3.216E-11	9.975	1.995	2.616E-11	6.148	1.230	6.125E-12	6.031	1.206	5.783E-12
902	3.749	0.750	1.389E-12	30.137	6.027	7.214E-10	36.343	7.269	1.265E-09	47.156	9.431	2.764E-09	89.723	17.945	1.904E-08	-4.474	0.000	0.000E+00	8.410	1.682	1.568E-11
903	84.077	16.815	1.566E-08	-8.319	0.000	0.000E+00	14.151	2.830	7.468E-11	9.346	1.869	2.152E-11	10.817	2.163	3.336E-11	37.950	7.590	1.440E-09	135.953	27.191	6.623E-08
904	38.986	7.797	1.562E-09	6.298	1.260	6.583E-12	10.809	2.162	3.329E-11	11.005	2.201	3.513E-11	42.386	8.477	2.007E-09	22.807	4.561	3.127E-10	-6.929	0.000	0.000E+00
905	36.671	7.334	1.300E-09	11.613	2.323	4.128E-11	-11.995	0.000	0.000E+00	9.806	1.961	2.485E-11	20.512	4.102	2.274E-10	-13.949	0.000	0.000E+00	-4.403	0.000	0.000E+00
906	8.196	1.639	1.451E-11	13.344	2.669	6.262E-11	-4.689	0.000	0.000E+00	6.858	1.372	8.500E-12	14.599	2.920	8.201E-11	-4.556	0.000	0.000E+00	42.126	8.425	1.970E-09
907	41.472	8.294	1.880E-09	100.485	20.097	2.674E-08	-4.990	0.000	0.000E+00	10.295	2.059	2.876E-11	7.686	1.537	1.197E-11	5.604	1.121	4.639E-12	16.749	3.350	1.238E-10
908	5.555	1.111	4.518E-12	36.324	7.265	1.263E-09	14.199	2.840	7.545E-11	7.655	1.531	1.182E-11	35.338	7.068	1.163E-09	9.861	1.972	2.528E-11	91.632	18.326	2.028E-08
909	89.192	17.838	1.870E-08	23.406	4.681	3.380E-10	-13.242	0.000	0.000E+00	-6.911	0.000	0.000E+00	46.065	9.213	2.576E-09	11.594	2.319	4.108E-11	37.684	7.537	1.410E-09
910	-3.935	0.000	0.000E+00	26.492	5.298	4.901E-10	69.594	13.919	8.884E-09	9.389	1.878	2.182E-11	-3.006	0.000	0.000E+00	14.484	2.897	8.008E-11	8.161	1.632	1.432E-11
911	6.733	1.347	8.043E-12	11.987	2.397	4.540E-11	7.073	1.415	9.327E-12	10.595	2.119	3.135E-11	51.379	10.276	3.575E-09	56.194	11.239	4.677E-09	5.687	1.137	4.848E-12
912	29.154	5.831	6.531E-10	50.488	10.098	3.392E-09	4.909	0.982	3.119E-12	9.709	1.942	2.412E-11	29.163	5.833	6.537E-10	9.943	1.989	2.591E-11	49.272	9.854	3.153E-09
913	15.773	3.155	1.034E-10	85.592	17.118	1.653E-08	9.000	1.800	1.921E-11	8.665	1.733	1.715E-11	18.477	3.695	1.663E-10	9.596	1.919	2.329E-11	168.490	33.698	1.261E-07
914	7.222	1.444	9.929E-12	87.242	17.448	1.750E-08	10.599	2.120	3.138E-11	43.366	8.673	2.150E-09				34.027	6.805	1.038E-09	20.413	4.083	2.242E-10
915	72.437	14.487	1.002E-08	6.776	1.355	8.199E-12	33.062	6.612	9.525E-10	12.336	2.467	4.947E-11				-10.905	0.000	0.000E+00	-114.376	0.000	0.000E+00
916	9.962	1.992	2.606E-11	56.120	11.224	4.658E-09	-5.407	0.000	0.000E+00	5.391	1.078	4.129E-12				34.735	6.947	1.105E-09	20.364	4.073	2.226E-10
917	53.820	10.764	4.109E-09	6.768	1.354	8.172E-12	-7.504	0.000	0.000E+00	34.861	6.972	1.117E-09				28.733	5.747	6.252E-10	43.024	8.605	2.099E-09
918	15.580	3.116	9.968E-11	37.907	7.581	1.436E-09	30.541	6.108	7.508E-10	-5.589	0.000	0.000E+00				-8.445	0.000	0.000E+00	39.044	7.809	1.569E-09
919	-5.614	0.000	0.000E+00	12.099	2.420	4.668E-11	5.820	1.164	5.197E-12	8.988	1.798	1.914E-11				15.858	3.172	1.051E-10	34.759	6.952	1.107E-09
920	55.773	11.155	4.573E-09	6.698	1.340	7.921E-12	5.198	1.040	3.702E-12	-7.293	0.000	0.000E+00				-5.399	0.000	0.000E+00	13.604	2.721	6.636E-11
921	11.643	2.329	4.160E-11	-7.753	0.000	0.000E+00	4.741	0.948	2.808E-12	14.608	2.922	8.217E-11				12.367	2.473	4.985E-11	68.918	13.784	8.628E-09
922	13.585	2.717	6.608E-11	-7.171	0.000	0.000E+00	41.394	8.279	1.869E-09	-8.188	0.000	0.000E+00				38.731	7.746	1.531E-09	19.665	3.933	2.004E-10
923	4.189	0.838	1.937E-12	15.656	3.131	1.011E-10	11.632	2.326	4.148E-11	-4.212	0.000	0.000E+00				6.175	1.235	6.206E-12	6.088	1.218	5.946E-12
924	85.892	17.178	1.670E-08	5.917	1.183	5.460E-12	40.263	8.053	1.720E-09	13.101	2.620	5.927E-11				12.580	2.516	5.247E-11	9.237	1.847	2.077E-11
925	-70.065	0.000	0.000E+00	14.291	2.858	7.693E-11	10.348	2.070	2.920E-11	7.754	1.551	1.229E-11				-6.498	0.000	0.000E+00	7.096	1.419	9.416E-12
926	17.704	3.541	1.463E-10	11.356	2.271	3.860E-11	5.390	1.078	4.127E-12	-7.393	0.000	0.000E+00				13.755	2.751	6.860E-11	8.847	1.769	1.825E-11
927	19.485	3.897	1.950E-10	16.453	3.291	1.174E-10	15.023	3.005	8.936E-11	-4.497	0.000	0.000E+00				77.258	15.452	1.215E-08	11.819	2.364	4.352E-11
928	-6.607	0.000	0.000E+00	11.608	2.322	4.122E-11	10.370	2.074	2.939E-11	-6.960	0.000	0.000E+00				26.128	5.226	4.701E-10	43.818	8.764	2.217E-09
929	-14.594	0.000	0.000E+00	8.149	1.630	1.426E-11	22.093	4.419	2.842E-10	7.348	1.470	1.046E-11				-39.944	0.000	0.000E+00	85.313	17.063	1.637E-08
930	42.407	8.481	2.010E-09	-7.741	0.000	0.000E+00	13.432	2.686	6.388E-11	10.058	2.012	2.682E-11				85.275	17.055	1.634E-08	41.108	8.222	1.831E-09
931	51.649	10.330	3.631E-09	10.445	2.089	3.004E-11	4.759	0.952	2.840E-12	49.540	9.908	3.204E-09				8.715	1.743	1.745E-11	7.803	1.561	1.252E-11
932	30.822	6.164	7.717E-10	48.741	9.748	3.052E-09	9.330	1.866	2.140E-11	42.025	8.405	1.956E-09				34.210	6.842	1.055E-09	12.467	2.493	5.107E-11
933	8.813	1.763	1.804E-11	24.091	4.818	3.685E-10	8.805	1.761	1.799E-11	23.013	4.603	3.212E-10				-17.998	0.000	0.000E+00	6.923	1.385	8.747E-12
934	47.240	9.448	2.779E-09	33.539	6.708	9.943E-10	7.197	1.439	9.824E-12	47.403	9.481	2.807E-09				6.831	1.366	8.402E-12	15.653	3.131	1.011E-10
935	16.714	3.343	1.231E-10	12.760	2.552	5.476E-11	19.840	3.968	2.058E-10	35.318	7.064	1.161E-09				12.499	2.500	5.147E-11	82.980	16.596	1.506E-08

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
936	-7.146	0.000	0.000E+00	7.783	1.557	1.242E-11	11.537	2.307	4.048E-11	17.004	3.401	1.296E-10				11.662	2.332	4.181E-11	-11.415	0.000	0.000E+00
937	-11.242	0.000	0.000E+00	13.520	2.704	6.513E-11	11.849	2.370	4.385E-11	48.996	9.799	3.100E-09				18.837	3.767	1.762E-10	15.293	3.059	9.426E-11
938	8.834	1.767	1.817E-11	87.191	17.438	1.747E-08	42.617	8.523	2.040E-09	-4.196	0.000	0.000E+00				15.008	3.002	8.910E-11	9.887	1.977	2.547E-11
939	12.951	2.590	5.726E-11	50.309	10.062	3.356E-09	41.418	8.284	1.873E-09	7.382	1.476	1.060E-11				39.477	7.895	1.622E-09	31.753	6.351	8.438E-10
940	22.948	4.590	3.185E-10	9.041	1.808	1.948E-11	18.578	3.716	1.690E-10	45.121	9.024	2.421E-09				-8.744	0.000	0.000E+00	46.181	9.236	2.596E-09
941	11.378	2.276	3.882E-11	-8.264	0.000	0.000E+00	37.834	7.567	1.427E-09	95.492	19.098	2.295E-08				12.453	2.491	5.090E-11	39.211	7.842	1.589E-09
942	50.004	10.001	3.295E-09	8.765	1.753	1.775E-11	9.077	1.815	1.971E-11	10.181	2.036	2.782E-11				37.166	7.433	1.353E-09	29.625	5.925	6.853E-10
943	9.786	1.957	2.470E-11	15.189	3.038	9.235E-11	15.038	3.008	8.963E-11	41.160	8.232	1.838E-09				41.175	8.235	1.840E-09	-26.576	0.000	0.000E+00
944	34.038	6.808	1.039E-09	120.973	24.195	4.666E-08	30.414	6.083	7.415E-10	32.455	6.491	9.010E-10				47.087	9.417	2.752E-09	-3.200	0.000	0.000E+00
945	7.879	1.576	1.289E-11	32.212	6.442	8.809E-10	-2.886	0.000	0.000E+00	19.309	3.862	1.897E-10				-18.155	0.000	0.000E+00	37.240	7.448	1.361E-09
946	5.520	1.104	4.433E-12	8.017	1.603	1.358E-11	5.792	1.158	5.121E-12	14.946	2.989	8.800E-11				-5.551	0.000	0.000E+00	33.139	6.628	9.592E-10
947	6.824	1.365	8.374E-12	36.447	7.289	1.276E-09	30.959	6.192	7.821E-10	25.129	5.026	4.182E-10				6.128	1.226	6.064E-12	73.095	14.619	1.029E-08
948	148.203	29.641	8.580E-08	11.679	2.336	4.199E-11	98.193	19.639	2.495E-08	35.968	7.194	1.226E-09				86.888	17.378	1.729E-08	94.000	18.800	2.189E-08
949	8.938	1.788	1.882E-11	11.441	2.288	3.947E-11	75.924	15.185	1.154E-08	33.734	6.747	1.012E-09				4.818	0.964	2.948E-12	51.637	10.327	3.629E-09
950	11.139	2.228	3.643E-11	11.548	2.310	4.059E-11	8.074	1.615	1.387E-11	47.910	9.582	2.899E-09				12.795	2.559	5.521E-11	37.430	7.486	1.382E-09
951	14.838	2.968	8.609E-11	91.624	18.325	2.027E-08	9.297	1.859	2.118E-11	39.119	7.824	1.578E-09				39.381	7.876	1.610E-09	11.827	2.365	4.360E-11
952	9.309	1.862	2.126E-11	58.640	11.728	5.315E-09	20.029	4.006	2.118E-10	-8.787	0.000	0.000E+00				9.036	1.807	1.945E-11	37.550	7.510	1.395E-09
953	40.153	8.031	1.706E-09	121.561	24.312	4.734E-08	-6.862	0.000	0.000E+00	32.417	6.483	8.979E-10				22.638	4.528	3.058E-10	91.773	18.355	2.037E-08
954	50.730	10.146	3.441E-09	10.290	2.058	2.872E-11	14.770	2.954	8.492E-11	17.311	3.462	1.367E-10				10.305	2.061	2.884E-11	8.332	1.666	1.525E-11
955	34.602	6.920	1.092E-09	50.782	10.156	3.452E-09	8.167	1.633	1.436E-11	7.123	1.425	9.527E-12				12.938	2.588	5.708E-11	47.726	9.545	8.65E-09
956	13.197	2.639	6.058E-11	-3.682	0.000	0.000E+00	11.331	2.266	3.834E-11	14.069	2.814	7.339E-11				15.837	3.167	1.047E-10	30.952	6.190	7.816E-10
957	86.020	17.204	1.678E-08	8.487	1.697	1.611E-11	15.415	3.083	9.654E-11	-8.121	0.000	0.000E+00				11.185	2.237	3.688E-11	11.051	2.210	3.557E-11
958	74.371	14.874	1.084E-08	12.920	2.584	5.684E-11	14.407	2.881	7.882E-11	39.927	7.985	1.678E-09				20.157	4.031	2.159E-10	34.016	6.803	1.037E-09
959	7.864	1.573	1.282E-11	10.492	2.098	3.044E-11	115.845	23.169	4.098E-08	9.097	1.819	1.984E-11				13.476	2.695	6.450E-11	10.017	2.003	2.649E-11
960	36.808	7.362	1.314E-09	17.181	3.436	1.337E-10	15.687	3.137	1.017E-10	8.160	1.632	1.432E-11				36.694	7.339	1.302E-09	47.501	9.500	2.825E-09
961	28.360	5.672	6.012E-10	7.584	1.517	1.150E-11	28.094	5.619	5.844E-10	33.469	6.694	9.881E-10				9.825	1.965	2.500E-11	4.448	0.890	2.320E-12
962	10.786	2.157	3.307E-11	-4.162	0.000	0.000E+00	4.602	0.920	2.569E-12	13.914	2.783	7.099E-11				7.449	1.490	1.089E-11	21.445	4.289	2.599E-10
963	-14.270	0.000	0.000E+00	13.439	2.688	6.398E-11	19.444	3.889	1.938E-10	-10.112	0.000	0.000E+00				20.925	4.185	2.415E-10	44.345	8.869	2.298E-09
964	19.590	3.918	1.982E-10	15.964	3.193	1.072E-10	11.434	2.287	3.940E-11	-5.587	0.000	0.000E+00				54.823	10.965	4.343E-09	50.099	10.020	3.314E-09
965	-5.758	0.000	0.000E+00	90.424	18.085	1.949E-08	47.056	9.411	2.746E-09	6.303	1.261	6.599E-12				8.457	1.691	1.594E-11	41.906	8.381	1.940E-09
966	6.440	1.288	7.039E-12	42.240	8.448	1.986E-09	13.158	2.632	6.004E-11	-6.212	0.000	0.000E+00				8.079	1.616	1.390E-11	36.970	7.394	1.332E-09
967	44.042	8.808	2.252E-09	10.878	2.176	3.393E-11	75.409	15.082	1.130E-08	14.945	2.989	8.798E-11				-3.762	0.000	0.000E+00	90.431	18.086	1.949E-08
968	-25.917	0.000	0.000E+00	50.153	10.031	3.325E-09	80.215	16.043	1.360E-08	-7.475	0.000	0.000E+00				7.190	1.438	9.798E-12	36.162	7.232	1.246E-09
969	10.730	2.146	3.256E-11	38.773	7.755	1.536E-09	7.035	1.407	9.177E-12	44.772	8.954	2.365E-09				8.337	1.667	1.527E-11	14.917	2.983	8.748E-11
970	81.188	16.238	1.410E-08	26.754	5.351	5.047E-10	21.336	4.267	2.560E-10	13.487	2.697	6.467E-11				5.758	1.152	5.033E-12	5.208	1.042	3.724E-12
971	-4.588	0.000	0.000E+00	-5.991	0.000	0.000E+00	81.195	16.239	1.411E-08	19.996	3.999	2.107E-10				35.622	7.124	1.191E-09	22.856	4.571	3.147E-10
972	7.051	1.410	9.240E-12	15.328	3.066	9.492E-11	-15.404	0.000	0.000E+00	89.898	17.980	1.915E-08				13.158	2.632	6.004E-11	7.264	1.453	1.010E-11
973	38.428	7.686	1.496E-09	33.105	6.621	9.562E-10	-13.984	0.000	0.000E+00	-6.719	0.000	0.000E+00				12.645	2.529	5.329E-11	41.192	8.238	1.842E-09
974	9.385	1.877	2.178E-11	11.476	2.295	3.983E-11	8.645	1.729	1.703E-11	6.895	1.379	8.638E-12				38.498	7.700	1.504E-09	7.121	1.424	9.519E-12
975	25.336	5.067	4.286E-10	42.559	8.512	2.032E-09	20.225	4.045	2.180E-10	9.417	1.883	2.201E-11				8.790	1.758	1.790E-11	4.290	0.858	2.081E-12
976	15.375	3.075	9.579E-11	11.645	2.329	4.162E-11	11.937	2.387	4.483E-11	10.211	2.042	2.806E-11				-5.358	0.000	0.000E+00	5.258	1.052	3.831E-12
977	11.579	2.316	4.091E-11	5.249	1.050	3.812E-12	41.195	8.239	1.843E-09	7.718	1.544	1.212E-11				32.854	6.571	9.347E-10	27.188	5.438	5.297E-10
978	49.284	9.857	3.155E-09	6.582	1.316	7.515E-12	31.997	6.399	8.634E-10	-5.273	0.000	0.000E+00				29.950	5.990	7.080E-10	-5.758	0.000	0.000E+00
979	42.502	8.500	2.023E-09	74.374	14.875	1.084E-08	12.152	2.430	4.729E-11	14.079	2.816	7.355E-11				1.889	0.378	1.775E-13	34.761	6.952	1.107E-09
980	53.510	10.702	4.038E-09	-22.069	0.000	0.000E+00	4.355	0.871	2.176E-12	57.629	11.526	5.045E-09				8.266	1.653	1.489E-11	35.531	7.106	1.182E-09

Data: Flyover 3 - Span 7 (34.40 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
981	75.326	15.065	1.126E-08	-17.334	0.000	0.000E+00	24.398	4.880	3.828E-10	38.382	7.676	1.490E-09				11.728	2.346	4.251E-11	5.876	1.175	5.349E-12
982	8.016	1.603	1.358E-11	-6.514	0.000	0.000E+00	9.926	1.985	2.578E-11	15.106	3.021	9.086E-11				39.865	7.973	1.670E-09	44.432	8.886	2.312E-09
983	49.640	9.928	3.224E-09	8.847	1.769	1.825E-11	-4.941	0.000	0.000E+00	8.749	1.750	1.765E-11				21.851	4.370	2.750E-10	5.529	1.106	4.454E-12
984	5.399	1.080	4.147E-12	19.799	3.960	2.045E-10	7.943	1.589	1.321E-11	32.058	6.412	8.683E-10				8.029	1.606	1.364E-11	38.095	7.619	1.457E-09
985	50.948	10.190	3.486E-09	11.305	2.261	3.808E-11	44.580	8.916	2.335E-09	5.442	1.088	4.249E-12				50.384	10.077	3.371E-09	11.463	2.293	3.970E-11
986	36.482	7.296	1.280E-09	11.900	2.380	4.442E-11	-6.208	0.000	0.000E+00	-5.874	0.000	0.000E+00				25.637	5.127	4.441E-10	21.786	4.357	2.725E-10
987	10.752	2.150	3.276E-11	91.068	18.214	1.991E-08	23.799	4.760	3.553E-10	15.691	3.138	1.018E-10				33.541	6.708	9.946E-10	12.165	2.433	4.745E-11
988	47.773	9.555	2.874E-09	48.631	9.726	3.031E-09	36.411	7.282	1.272E-09	12.653	2.531	5.339E-11				41.852	8.370	1.932E-09	27.484	5.497	5.472E-10
989	8.770	1.754	1.778E-11	33.794	6.759	1.017E-09	17.788	3.558	1.484E-10	-10.817	0.000	0.000E+00				23.282	4.656	3.326E-10	8.792	1.758	1.791E-11
990	10.615	2.123	3.153E-11	-10.510	0.000	0.000E+00	14.558	2.912	8.131E-11	12.382	2.476	5.003E-11				17.884	3.577	1.508E-10	20.907	4.181	2.409E-10
991	7.097	1.419	9.420E-12	4.529	0.906	2.448E-12	-6.679	0.000	0.000E+00	6.279	1.256	6.524E-12				5.262	1.052	3.839E-12	10.888	2.178	3.402E-11
992	11.629	2.326	4.145E-11	27.009	5.402	5.193E-10	44.276	8.855	2.288E-09	8.186	1.637	1.446E-11				8.055	1.611	1.377E-11	10.809	2.162	3.329E-11
993	13.082	2.616	5.901E-11	44.729	8.946	2.359E-09	13.909	2.782	7.091E-11	14.953	2.991	8.812E-11				10.560	2.112	3.104E-11	6.668	1.334	7.814E-12
994	18.960	3.792	1.796E-10	20.260	4.052	2.192E-10	14.191	2.838	7.532E-11	6.739	1.348	8.067E-12				-73.406	0.000	0.000E+00	9.085	1.817	1.977E-11
995	115.188	23.038	4.028E-08	-8.721	0.000	0.000E+00	78.631	15.726	1.281E-08	41.427	8.285	1.874E-09				20.345	4.069	2.220E-10	24.814	4.963	4.027E-10
996	133.612	26.722	6.287E-08	13.852	2.770	7.006E-11	38.602	7.720	1.516E-09	43.283	8.657	2.137E-09				50.161	10.032	3.326E-09	42.495	8.499	2.023E-09
997	6.318	1.264	6.648E-12	-7.023	0.000	0.000E+00	6.192	1.238	6.256E-12	-9.443	0.000	0.000E+00				30.717	6.143	7.639E-10	7.935	1.587	1.317E-11
998	4.781	0.956	2.881E-12	11.262	2.252	3.765E-11	168.288	33.658	1.256E-07	6.144	1.229	6.111E-12				13.120	2.624	5.952E-11	33.669	6.734	1.006E-09
999	-7.056	0.000	0.000E+00	15.309	3.062	9.456E-11	45.216	9.043	2.436E-09	6.041	1.208	5.810E-12				8.352	1.670	1.536E-11	12.937	2.587	5.707E-11
1000	29.151	5.830	6.529E-10	34.926	6.985	1.123E-09	8.809	1.762	1.801E-11	24.938	4.988	4.088E-10				9.566	1.913	2.307E-11	31.789	6.358	8.467E-10
1001	41.718	8.344	1.914E-09	38.259	7.652	1.476E-09	11.364	2.273	3.868E-11	25.796	5.159	4.524E-10				87.765	17.553	1.782E-08	45.910	9.182	2.550E-09
1002	19.901	3.980	2.077E-10	4.847	0.969	3.001E-12	-8.593	0.000	0.000E+00	29.448	5.890	6.731E-10				23.353	4.671	3.357E-10	26.135	5.227	4.705E-10
1003	14.592	2.918	8.189E-11	107.739	21.548	3.296E-08	8.911	1.782	1.865E-11	16.566	3.313	1.198E-10				46.181	9.236	2.596E-09	5.088	1.018	3.472E-12
1004	16.762	3.352	1.241E-10	5.511	1.102	4.412E-12	12.173	2.435	4.754E-11	3.534	0.707	1.164E-12				17.337	3.467	1.373E-10	9.313	1.863	2.129E-11
1005	12.480	2.496	5.123E-11	36.939	7.388	1.328E-09	6.873	1.375	8.558E-12	17.062	3.412	1.309E-10				13.176	2.635	6.029E-11	31.492	6.298	8.232E-10
1006	105.817	21.163	3.123E-08	78.459	15.692	1.273E-08	28.546	5.709	6.131E-10	9.759	1.952	2.450E-11				47.926	9.585	2.901E-09	-6.451	0.000	0.000E+00
1007	11.560	2.312	4.072E-11	16.156	3.231	1.111E-10	35.144	7.029	1.144E-09	82.462	16.492	1.478E-08				39.574	7.915	1.634E-09	-4.271	0.000	0.000E+00
1008	4.870	0.974	3.044E-12	8.248	1.650	1.479E-11	133.748	26.750	6.306E-08	17.386	3.477	1.385E-10				32.245	6.449	8.836E-10	12.197	2.439	4.782E-11
1009	10.935	2.187	3.447E-11	76.395	15.279	1.175E-08	15.272	3.054	9.387E-11	9.519	1.904	2.274E-11				43.037	8.607	2.101E-09	29.222	5.844	6.577E-10
1010	18.654	3.731	1.711E-10	11.878	2.376	4.417E-11	-16.066	0.000	0.000E+00	11.924	2.385	4.468E-11				48.075	9.615	2.928E-09	13.147	2.629	5.989E-11
1011	11.195	2.239	3.698E-11	16.794	3.359	1.248E-10	-5.362	0.000	0.000E+00	41.509	8.302	1.885E-09				5.958	1.192	5.575E-12	4.044	0.809	1.743E-12
1012	5.490	1.098	4.361E-12	-10.857	0.000	0.000E+00	88.176	17.635	1.807E-08	26.034	5.207	4.651E-10				13.011	2.602	5.805E-11	20.278	4.056	2.198E-10
1013	14.402	2.880	7.874E-11	17.609	3.522	1.439E-10	7.843	1.569	1.272E-11	-20.187	0.000	0.000E+00				24.424	4.885	3.840E-10	19.925	3.985	2.085E-10
1014	8.455	1.691	1.593E-11	43.260	8.652	2.134E-09	-4.863	0.000	0.000E+00	6.464	1.293	7.119E-12				33.266	6.653	9.703E-10	-6.184	0.000	0.000E+00
1015	55.278	11.056	4.452E-09	8.013	1.603	1.356E-11	30.888	6.178	7.767E-10	16.573	3.315	1.200E-10				31.241	6.248	8.036E-10	10.059	2.012	2.683E-11
1016	14.975	2.995	8.850E-11	9.824	1.965	2.499E-11	41.952	8.390	1.946E-09	7.234	1.447	9.978E-12				20.392	4.078	2.235E-10	7.041	1.408	9.202E-12
1017	28.334	5.667	5.996E-10	13.363	2.673	6.290E-11	33.945	6.789	1.031E-09	27.813	5.563	5.670E-10				20.469	4.094	2.260E-10	118.501	23.700	4.386E-08
1018	8.087	1.617	1.394E-11	7.479	1.496	1.103E-11	33.708	6.742	1.009E-09	4.505	0.901	2.409E-12				32.883	6.577	9.371E-10	14.128	2.826	7.432E-11
1019	6.296	1.259	6.578E-12	7.910	1.582	1.304E-11	60.945	12.189	5.966E-09	5.562	1.112	4.536E-12				45.953	9.191	2.558E-09	8.793	1.759	1.792E-11
1020	48.700	9.740	3.044E-09	19.365	3.873	1.914E-10	31.811	6.362	8.484E-10	29.828	5.966	6.995E-10				72.266	14.453	9.947E-09	32.964	6.593	9.441E-10
1021	14.252	2.850	7.630E-11	-17.087	0.000	0.000E+00	6.513	1.303	7.283E-12	3.096	0.619	7.819E-13				-4.297	0.000	0.000E+00	29.094	5.819	6.491E-10
1022	40.499	8.100	1.751E-09	19.735	3.947	2.026E-10	-8.097	0.000	0.000E+00	24.158	4.832	3.716E-10				-9.871	0.000	0.000E+00	43.000	8.600	2.095E-09
1023	-24.445	0.000	0.000E+00	24.950	4.990	4.094E-10	48.282	9.656	2.967E-09	22.997	4.599	3.206E-10				25.644	5.129	4.445E-10	8.931	1.786	1.878E-11
1024	51.187	10.237	3.535E-09	10.418	2.084	2.980E-11	-6.966	0.000	0.000E+00	123.613	24.723	4.978E-08				14.789	2.958	8.525E-11	44.919	8.984	2.389E-09
1025	8.343	1.669	1.531E-11	12.782	2.556	5.504E-11	6.790	1.358	8.249E-12	7.235	1.447	9.982E-12				6.089	1.218	5.951E-12	28.170	5.634	5.892E-10

Data: Flyover 3 - Span 7 (34.40 m) - IG-05																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG05	200000	11.4822	SG05			SG05			SG05			SG05			SG05			SG05		
1026	28.086	5.617	5.839E-10	35.785	7.157	1.208E-09	11.257	2.251	3.760E-11	8.059	1.612	1.380E-11				6.250	1.250	6.435E-12	6.577	1.315	7.498E-12
1027	8.736	1.747	1.757E-11	11.998	2.400	4.552E-11	11.038	2.208	3.544E-11	32.466	6.493	9.019E-10				39.399	7.880	1.612E-09	31.064	6.213	7.901E-10
1028	-4.186	0.000	0.000E+00	44.840	8.968	2.376E-09	15.370	3.074	9.570E-11	37.110	7.422	1.347E-09				11.808	2.362	4.339E-11	9.931	1.986	2.581E-11
1029	41.963	8.393	1.947E-09	37.925	7.585	1.438E-09	12.278	2.456	4.878E-11	-7.043	0.000	0.000E+00				6.743	1.349	8.080E-12	9.652	1.930	2.370E-11
1030	36.587	7.317	1.291E-09	48.699	9.740	3.044E-09	13.203	2.641	6.066E-11	6.846	1.369	8.455E-12				7.853	1.571	1.276E-11	4.636	0.927	2.627E-12
1031	26.362	5.272	4.829E-10	35.201	7.040	1.150E-09	6.202	1.240	6.286E-12	16.594	3.319	1.204E-10							9.101	1.820	1.987E-11
1032	26.770	5.354	5.056E-10	7.367	1.473	1.054E-11	35.957	7.191	1.225E-09	9.135	1.827	2.009E-11									
1033	4.725	0.945	2.781E-12	12.104	2.421	4.674E-11	20.203	4.041	2.173E-10	25.590	5.118	4.417E-10									
1034	8.095	1.619	1.398E-11	20.787	4.157	2.367E-10	-6.418	0.000	0.000E+00	17.520	3.504	1.417E-10									
1035	8.354	1.671	1.537E-11	58.615	11.723	5.308E-09	40.667	8.133	1.773E-09	15.440	3.088	9.702E-11									
1036	18.338	3.668	1.625E-10	11.024	2.205	3.531E-11	7.191	1.438	9.800E-12	19.638	3.928	1.996E-10									
1037	8.114	1.623	1.408E-11	43.151	8.630	2.118E-09	14.441	2.888	7.938E-11	19.021	3.804	1.814E-10									
1038	9.324	1.865	2.136E-11	4.671	0.934	2.686E-12	21.063	4.213	2.463E-10	22.779	4.556	3.115E-10									
1039	8.096	1.619	1.399E-11	9.554	1.911	2.299E-11	3.920	0.784	1.587E-12												
1040	48.934	9.787	3.088E-09	-3.886	0.000	0.000E+00	9.605	1.921	2.335E-11												
1041	4.640	0.928	2.632E-12	11.389	2.278	3.894E-11	5.624	1.125	4.689E-12												
1042	27.678	5.536	5.588E-10	45.055	9.011	2.411E-09	18.887	3.777	1.776E-10												
1043	16.443	3.289	1.172E-10	62.262	12.452	6.361E-09	9.414	1.883	2.199E-11												
1044	10.958	2.192	3.468E-11	6.296	1.259	6.579E-12	5.471	1.094	4.317E-12												
1045	33.024	6.605	9.493E-10	38.988	7.798	1.562E-09	42.498	8.500	2.023E-09												
1046	5.722	1.144	4.938E-12	8.443	1.689	1.586E-11	-4.865	0.000	0.000E+00												
1047	14.360	2.872	7.804E-11	20.029	4.006	2.118E-10	6.739	1.348	8.067E-12												
1048	6.411	1.282	6.945E-12	72.332	14.466	9.974E-09	9.911	1.982	2.566E-11												
1049	257.604	51.521	4.506E-07	6.202	1.240	6.287E-12	11.553	2.311	4.064E-11												
1050	-13.531	0.000	0.000E+00	135.355	27.071	6.536E-08	6.292	1.258	6.565E-12												
1051	12.198	2.440	4.784E-11	30.586	6.117	7.542E-10	9.915	1.983	2.569E-11												
1052				13.884	2.777	7.054E-11	11.954	2.391	4.503E-11												
1053				47.874	9.575	2.892E-09	27.186	5.437	5.296E-10												
1054				-2.612	0.000	0.000E+00	15.143	3.029	9.152E-11												
1055				11.193	2.239	3.696E-11	9.621	1.924	2.347E-11												
1056				9.720	1.944	2.421E-11	7.577	1.515	1.147E-11												
1057				51.231	10.246	3.544E-09	7.020	1.404	9.118E-12												
1058				4.144	0.829	1.876E-12	7.609	1.522	1.161E-11												
1059				13.650	2.730	6.703E-11	6.658	1.332	7.779E-12												
1060				33.988	6.798	1.035E-09	5.314	1.063	3.954E-12												
1061				32.612	6.522	9.142E-10	-10.872	0.000	0.000E+00												
1062				13.881	2.776	7.050E-11	31.167	6.233	7.980E-10												
1063				13.861	2.772	7.019E-11	4.035	0.807	1.732E-12												
1064				8.088	1.618	1.395E-11	7.640	1.528	1.175E-11												
1065				43.761	8.752	2.209E-09	19.486	3.897	1.950E-10												
1066				12.245	2.449	4.839E-11	18.089	3.618	1.560E-10												
1067				6.344	1.269	6.729E-12	10.706	2.141	3.235E-11												
1068				41.846	8.369	1.931E-09	4.543	0.909	2.472E-12												
1069				10.779	2.156	3.301E-11	42.393	8.479	2.008E-09												
1070				10.690	2.138	3.220E-11															

[illegible]

Flyover 3 - Span 8 (45.00 m) - IG-01
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4			Day 5			Day 6			Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage
Max.	44.171	2.839E-07	Max.	48.359	3.726E-07	Max.	41.712	2.391E-07	Max.	56.039	5.798E-07	Max.	45.337	3.070E-07	Max.	44.725	2.947E-07	Max.	47.648	3.564E-07
Cum.	-	7.626E-06	Cum.	-	6.399E-06	Cum.	-	6.720E-06	Cum.	-	9.467E-06	Cum.	-	7.351E-06	Cum.	-	6.347E-06	Cum.	-	6.675E-06

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
1	115.406	23.081	4.051E-08	3.635	0.727	1.266E-12	108.245	21.649	3.343E-08	-3.570	0.000	0.000E+00	129.716	25.943	5.753E-08	-3.959	0.000	0.000E+00	32.853	6.571	9.346E-10
2	4.542	0.908	2.470E-12	16.694	3.339	1.226E-10	50.995	10.199	3.495E-09	95.066	19.013	2.264E-08	-0.483	0.000	0.000E+00	5.137	1.027	3.572E-12	2.254	0.451	3.018E-13
3	5.742	1.148	4.989E-12	22.540	4.508	3.018E-10	81.952	16.390	1.451E-08	101.311	20.262	2.741E-08	-52.413	0.000	0.000E+00	23.406	4.681	3.380E-10	88.541	17.708	1.829E-08
4	205.696	41.139	2.294E-07	96.120	19.224	2.341E-08	108.823	21.765	3.397E-08	112.940	22.588	3.797E-08	0.422	0.084	1.987E-15	4.693	0.939	2.724E-12	113.270	22.654	3.830E-08
5	87.066	17.413	1.740E-08	96.444	19.289	2.364E-08	119.549	23.910	4.503E-08	11.448	2.290	3.954E-11	-56.640	0.000	0.000E+00	116.722	23.344	4.191E-08	7.613	1.523	1.163E-11
6	-30.415	0.000	0.000E+00	101.943	20.389	2.792E-08	96.704	19.341	2.384E-08	112.851	22.570	3.788E-08	-0.416	0.000	0.000E+00	11.066	2.213	3.572E-11	4.394	0.879	2.235E-12
7	66.647	13.329	7.802E-09	19.717	3.943	2.020E-10	86.595	17.319	1.711E-08	12.832	2.566	5.569E-11	-0.856	0.000	0.000E+00	106.843	21.369	3.215E-08	95.375	19.075	2.287E-08
8	71.060	14.212	9.457E-09	103.830	20.766	2.950E-08	3.230	0.646	8.879E-13	104.789	20.958	3.033E-08	-2.956	0.000	0.000E+00	3.791	0.758	1.436E-12	9.486	1.897	2.249E-11
9	49.487	9.897	3.194E-09	105.405	21.081	3.087E-08	116.070	23.214	4.121E-08	33.197	6.639	9.642E-10	68.564	13.713	8.495E-09	26.545	5.309	4.930E-10	103.296	20.659	2.905E-08
10	103.016	20.603	2.881E-08	107.595	21.519	3.283E-08	-86.888	0.000	0.000E+00	-5.317	1.063	3.962E-12	-0.273	0.000	0.000E+00	-4.658	0.000	0.000E+00	21.492	4.298	2.616E-10
11	114.929	22.986	4.001E-08	26.237	5.247	4.761E-10	76.202	15.240	1.166E-08	98.975	19.795	2.555E-08	71.668	14.334	9.702E-09	35.869	7.174	1.216E-09	5.158	1.032	3.616E-12
12	107.899	21.580	3.311E-08	67.517	13.503	8.112E-09	5.129	1.026	3.556E-12	74.564	14.913	1.093E-08	30.839	6.168	7.731E-10	93.029	18.606	2.122E-08	-3.841	0.000	0.000E+00
13	63.458	12.692	6.735E-09	109.423	21.885	3.453E-08	4.696	0.939	2.730E-12	-89.776	0.000	0.000E+00	67.319	13.464	8.041E-09	35.452	7.090	1.174E-09	26.645	5.329	4.986E-10
14	4.959	0.992	3.214E-12	35.746	7.149	1.204E-09	94.710	18.942	2.239E-08	-0.979	0.000	0.000E+00	18.435	3.687	1.651E-10	126.411	25.282	5.324E-08	28.687	5.737	6.222E-10
15	101.315	20.263	2.741E-08	2.190	0.438	2.768E-13	118.769	23.754	4.416E-08	128.630	25.726	5.609E-08	76.123	15.225	1.163E-08	115.695	23.139	4.082E-08	0.514	0.103	3.580E-15
16	-0.511	0.000	0.000E+00	26.658	5.332	4.993E-10	-0.630	0.000	0.000E+00	57.943	11.589	5.127E-09	68.093	13.619	8.322E-09	111.470	22.294	3.651E-08	0.836	0.167	1.540E-14
17	46.141	9.228	2.589E-09	28.537	5.707	6.125E-10	42.049	8.410	1.960E-09	123.949	24.790	5.019E-08	21.485	4.297	2.614E-10	23.469	4.694	3.407E-10	22.155	4.431	2.866E-10
18	29.526	5.905	6.785E-10	69.200	13.840	8.734E-09	116.213	23.243	4.137E-08	33.040	6.608	9.506E-10	2.981	0.596	6.978E-13	49.744	9.949	3.244E-09	129.325	25.865	5.701E-08
19	220.857	44.171	2.839E-07	30.129	6.026	7.209E-10	24.167	4.833	3.720E-10	34.974	6.995	1.127E-09	4.705	0.941	2.745E-12	82.511	16.502	1.481E-08	-66.143	0.000	0.000E+00
20	128.105	25.621	5.541E-08	5.229	1.046	3.769E-12	4.861	0.972	3.027E-12	131.802	26.360	6.035E-08	101.022	20.204	2.717E-08	115.292	23.058	4.039E-08	61.177	12.343	6.196E-09
21	91.079	18.216	1.991E-08	108.292	21.658	3.347E-08	40.892	8.178	1.802E-09	137.800	27.560	6.897E-08	110.509	22.102	3.557E-08	4.720	0.944	2.772E-12	95.707	19.141	2.311E-08
22	74.737	14.947	1.100E-08	-44.547	0.000	0.000E+00	57.162	11.432	4.923E-09	58.931	11.786	5.394E-09	90.832	18.166	1.975E-08	25.076	5.015	4.156E-10	-98.168	0.000	0.000E+00
23	10.088	2.018	2.706E-11	119.660	23.932	4.516E-08	65.756	13.151	7.494E-09	-0.398	0.000	0.000E+00	11.693	2.339	4.214E-11	3.850	0.770	1.504E-12	88.433	17.687	1.823E-08
24	113.682	22.736	3.872E-08	79.544	15.909	1.327E-08	129.379	25.876	5.708E-08	66.732	13.346	7.832E-09	74.252	14.850	1.079E-08	-1.045	0.000	0.000E+00	21.615	4.323	2.662E-10
25	1.278	0.256	5.508E-14	2.781	0.556	5.669E-13	32.659	6.532	9.181E-10	3.266	0.653	9.185E-13	113.861	22.772	3.891E-08	133.415	26.683	6.259E-08	1.178	0.236	4.308E-14
26	132.144	26.429	6.082E-08	79.520	15.904	1.325E-08	79.023	15.805	1.301E-08	128.980	25.796	5.655E-08	112.583	22.517	3.761E-08	139.239	27.848	7.115E-08	38.018	7.604	1.448E-09
27	137.516	27.503	6.854E-08	142.089	28.418	7.561E-08	27.632	5.526	5.560E-10	115.443	23.089	4.055E-08	106.304	21.261	3.166E-08	25.686	5.137	4.467E-10	-50.782	0.000	0.000E+00
28	4.049	0.810	1.749E-12	4.116	0.823	1.838E-12	99.015	19.803	2.559E-08	49.194	9.839	3.138E-09	2.160	0.432	2.655E-13	82.289	16.458	1.469E-08	5.899	1.180	5.410E-12
29	30.016	6.003	7.128E-10	7.049	1.410	9.230E-12	2.173	0.435	2.705E-13	0.654	0.131	7.358E-15	18.504	3.701	1.670E-10	5.615	1.123	4.667E-12	127.996	25.599	5.527E-08
30	164.819	32.964	1.180E-07	13.411	2.682	6.358E-11	107.632	21.526	3.286E-08	2.805	0.561	5.818E-13	99.737	19.947	2.615E-08	73.294	14.659	1.038E-08	132.329	26.466	6.107E-08
31	19.821	3.964	2.053E-10	140.734	28.147	7.347E-08	60.137	12.027	5.732E-09	16.492	3.298	1.182E-10	3.262	0.652	9.151E-13	3.444	0.689	1.077E-12	1.311	0.262	5.933E-14
32	109.984	21.997	3.507E-08	117.622	23.524	4.289E-08	1.188	0.238	4.417E-14	84.766	16.953	1.605E-08	103.612	20.722	2.932E-08	70.252	14.050	9.138E-08	5.022	1.004	3.337E-12
33	100.861	20.172	2.704E-08	17.660	3.532	1.452E-10	69.306	13.861	8.774E-09	46.157	9.231	2.592E-09	5.083	1.017	3.461E-12	124.357	24.871	5.069E-08	5.090	1.018	3.476E-12
34	3.346	0.669	9.869E-13	-2.627	0.000	0.000E+00	24.784	4.957	4.013E-10	125.101	25.020	5.160E-08	103.339	20.668	2.909E-08	72.249	14.450	9.940E-09	61.697	12.339	6.190E-09
35	1.449	0.290	8.020E-14	114.241	22.848	3.930E-08	107.754	21.551	3.298E-08	115.644	23.129	4.076E-08	109.796	21.959	3.489E-08	18.732	3.746	1.732E-10	-2.627	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
36	95.498	19.100	2.296E-08	97.419	19.484	2.437E-08	97.419	0.000	0.000E+00	49.869	9.974	3.269E-09	3.918	0.784	1.585E-12	25.171	5.034	4.203E-10	4.628	0.926	2.613E-12
37	3.502	0.700	1.132E-12	-0.878	0.000	0.000E+00	61.331	12.266	6.080E-09	135.360	27.072	6.537E-08	20.113	4.023	2.145E-10	119.386	23.877	4.485E-08	119.310	23.862	4.476E-08
38	19.524	3.905	1.961E-10	106.974	21.395	3.226E-08	-27.559	0.000	0.000E+00	15.309	3.062	9.457E-11	5.487	1.097	4.355E-12	66.846	13.369	7.873E-09	61.445	12.289	6.114E-09
39	115.649	23.130	4.077E-08	77.251	15.450	1.215E-08	23.793	4.759	3.550E-10	9.735	1.947	2.431E-11	107.070	21.414	3.235E-08	97.469	19.494	2.441E-08	19.161	3.832	1.854E-10
40	106.833	21.367	3.214E-08	33.569	6.714	9.971E-10	117.191	23.438	4.242E-08	4.399	0.880	2.243E-12	3.217	0.643	8.773E-13	17.409	3.482	1.391E-10	105.205	21.041	3.069E-08
41	38.661	7.732	1.523E-09	89.476	17.895	1.888E-08	8.728	1.746	1.753E-11	2.152	0.430	2.626E-13	111.634	22.327	3.667E-08	19.776	3.955	2.039E-10	70.316	14.063	9.163E-09
42	77.073	15.415	1.207E-08	3.525	0.705	1.154E-12	-1.172	0.000	0.000E+00	4.896	0.979	3.093E-12	122.129	24.426	4.801E-08	69.680	13.936	8.917E-09	4.411	0.882	2.263E-12
43	-68.325	0.000	0.000E+00	115.815	23.163	4.094E-08	149.825	29.965	8.864E-08	58.312	11.662	5.226E-09	24.768	4.954	4.005E-10	33.745	6.749	1.013E-09	116.600	23.320	4.178E-08
44	68.844	13.769	8.600E-09	83.636	16.727	1.542E-08	40.952	8.190	1.810E-09	23.241	4.648	3.309E-10	1.389	0.278	7.068E-14	65.596	13.119	7.439E-09	31.837	6.367	8.505E-10
45	101.878	20.376	2.787E-08	137.843	27.569	6.903E-08	91.489	18.298	2.018E-08	7.631	1.526	1.171E-11	2.604	0.521	4.656E-13	117.342	23.468	4.258E-08	20.670	4.134	2.328E-10
46	85.921	17.184	1.672E-08	10.112	2.022	2.725E-11	11.435	2.287	3.941E-11	6.466	1.293	7.124E-12	9.595	1.919	2.328E-11	223.624	44.725	2.947E-07	-1.853	0.000	0.000E+00
47	81.609	16.322	1.433E-08	55.898	11.180	4.603E-09	27.909	5.582	5.730E-10	129.343	25.869	5.703E-08	92.719	18.544	2.101E-08	5.975	1.195	5.623E-12	-2.449	0.000	0.000E+00
48	4.063	0.813	1.768E-12	118.496	23.699	4.385E-08	89.862	17.972	1.913E-08	57.495	11.499	5.009E-09	132.680	26.536	6.156E-08	107.300	21.460	3.256E-08	4.473	0.895	2.359E-12
49	6.053	1.211	5.845E-12	69.479	13.896	8.840E-09	85.670	17.134	1.657E-08	113.493	22.699	3.853E-08	6.383	1.277	6.854E-12	76.001	15.200	1.157E-08	120.347	24.069	4.594E-08
50	116.213	23.243	4.137E-08	2.075	0.415	2.355E-13	2.414	0.483	3.706E-13	4.153	0.831	1.888E-12	127.408	25.482	5.451E-08	127.655	25.531	5.483E-08	26.160	5.232	4.719E-10
51	4.746	0.949	2.818E-12	17.256	3.451	1.354E-10	94.457	18.891	2.221E-08	32.379	6.476	8.947E-10	91.444	18.289	2.015E-08	91.416	18.283	2.014E-08	4.045	0.809	1.744E-12
52	119.628	23.926	4.512E-08	25.581	5.116	4.412E-10	-6.677	0.000	0.000E+00	10.905	2.181	3.418E-11	76.697	15.339	1.189E-08	110.888	22.178	3.594E-08	4.934	0.987	3.165E-12
53	34.306	6.861	1.064E-09	38.873	7.775	1.548E-09	94.049	18.810	2.193E-08	49.573	9.915	3.211E-09	3.068	0.614	7.614E-13	4.032	0.806	1.728E-12	22.450	4.490	2.982E-10
54	116.376	23.275	4.154E-08	53.217	10.643	3.972E-09	97.183	19.437	2.419E-08	71.393	14.279	9.591E-09	114.722	22.944	3.979E-08	62.678	12.536	6.490E-09	62.132	12.426	6.322E-09
55	43.794	8.759	2.214E-09	80.319	16.064	1.366E-08	14.048	2.810	7.307E-11	117.794	23.559	4.308E-08	73.550	14.710	1.049E-08	-3.814	0.000	0.000E+00	113.462	22.692	3.850E-08
56	3.818	0.764	1.467E-12	19.052	3.810	1.823E-10	9.109	1.822	1.992E-11	27.422	5.484	5.435E-10	3.056	0.611	7.523E-13	26.120	5.224	4.697E-10	7.565	1.513	1.141E-11
57	99.891	19.978	2.627E-08	83.544	16.709	1.537E-08	27.522	5.504	5.494E-10	116.770	23.354	4.197E-08	33.298	6.660	9.731E-10	3.145	0.629	8.200E-13	103.548	20.710	2.926E-08
58	21.113	4.223	2.481E-10	3.654	0.731	1.286E-12	43.496	8.699	2.169E-09	3.583	0.717	1.213E-12	60.167	12.033	5.741E-09	65.083	13.017	7.266E-09	38.456	7.691	1.499E-09
59	27.871	5.574	5.706E-10	57.698	11.540	5.063E-09	63.704	12.741	6.814E-09	108.981	21.796	3.411E-08	114.955	22.991	4.004E-08	25.964	5.193	4.613E-10	66.294	13.259	7.679E-09
60	141.970	28.394	7.542E-08	50.421	10.084	3.379E-09	95.928	19.186	2.327E-08	78.886	15.777	1.294E-08	125.331	25.066	5.189E-08	4.430	0.886	2.291E-12	118.924	23.785	4.433E-08
61	7.918	1.584	1.308E-11	62.316	12.463	6.378E-09	22.550	4.510	3.022E-10	63.764	12.753	6.833E-09	15.325	3.065	9.486E-11	42.143	8.429	1.973E-09	4.038	0.808	1.735E-12
62	18.983	3.797	1.803E-10	83.392	16.678	1.528E-08	131.264	26.253	5.961E-08	130.478	26.096	5.855E-08	113.682	22.736	3.872E-08	1.945	0.389	1.938E-13	3.147	0.629	8.216E-13
63	3.571	0.714	1.201E-12	-2.898	0.000	0.000E+00	64.153	12.831	6.959E-09	280.197	56.039	5.798E-07	31.271	6.254	8.060E-10	58.835	11.767	5.368E-09	113.947	22.789	3.899E-08
64	91.249	18.250	2.003E-08	0.443	0.089	2.299E-15	118.781	23.756	4.417E-08	64.573	12.915	7.096E-09	15.040	3.008	8.966E-11	103.150	20.630	2.893E-08	0.869	0.174	1.731E-14
65	84.570	16.914	1.594E-08	31.096	6.219	7.925E-10	109.738	21.948	3.483E-08	78.409	15.682	1.271E-08	2.237	0.447	2.949E-13	124.212	24.842	5.051E-08	44.504	8.901	2.323E-09
66	61.602	12.320	6.161E-09	-0.997	0.000	0.000E+00	3.321	0.664	9.657E-13	11.354	2.271	3.858E-11	73.287	14.657	1.037E-08	31.973	6.395	8.615E-10	40.163	8.033	1.708E-09
67	5.079	1.016	3.454E-12	1.683	0.337	1.256E-13	18.606	3.721	1.698E-10	38.257	7.651	1.476E-09	29.366	5.873	6.674E-10	-52.702	0.000	0.000E+00	1.560	0.312	1.001E-13
68	80.587	16.117	1.379E-08	60.115	12.023	5.726E-09	68.074	13.615	8.314E-09	14.310	2.862	7.724E-11	94.875	18.975	2.251E-08	2.532	0.506	4.279E-13	-2.695	0.000	0.000E+00
69	3.473	0.695	1.104E-12	26.937	5.387	5.151E-10	17.767	3.553	1.478E-10	83.144	16.629	1.515E-08	11.752	2.350	4.278E-11	19.800	3.960	2.046E-10	97.701	19.540	2.458E-08
70	68.120	13.624	8.331E-09	17.898	3.580	1.511E-10	119.359	23.872	4.482E-08	129.683	25.937	5.748E-08	35.572	7.114	1.186E-09	10.752	2.150	3.276E-11	23.625	4.725	3.475E-10
71	38.076	7.615	1.455E-09	110.130	22.026	3.521E-08	111.779	22.356	3.681E-08	60.655	12.131	5.882E-09	3.983	0.797	1.666E-12	1.504	0.301	8.962E-14	72.426	14.485	1.001E-08
72	2.218	0.444	2.874E-13	11.757	2.351	4.284E-11	149.079	29.816	8.733E-08	68.022	13.604	8.296E-09	31.266	6.253	8.056E-10	5.368	1.074	4.077E-12	29.799	5.960	6.974E-10
73	107.930	21.586	3.314E-08	89.654	17.931	1.899E-08	109.909	21.982	3.499E-08	23.991	4.798	3.640E-10	104.616	20.923	1.582E-08	3.915	0.783	1.582E-12	145.472	29.094	8.114E-08
74	-1.513	0.000	0.000E+00	111.341	22.268	3.638E-08	117.816	23.563	4.310E-08	183.504	36.701	1.629E-07	3.813	0.763	1.461E-12	5.793	1.159	5.123E-12	50.191	10.038	3.332E-09
75	29.344	5.869	6.659E-10	32.870	6.574	9.360E-10	3.658	0.732	1.291E-12	72.587	14.517	1.008E-08	75.071	15.014	1.115E-08	7.586	1.517	1.151E-11	11.852	2.370	4.388E-11
76	40.092	8.018	1.698E-09	59.718	11.944	5.613E-09	98.885	19.777	2.548E-08	1.150	0.230	4.011E-14	7.459	1.492	1.094E-11	3.947	0.789	1.621E-12	-2.986	0.000	0.000E+00
77	80.482	16.096	1.374E-08	79.910	15.982	1.345E-08	35.519	7.104	1.181E-09	63.094	12.619	6.620E-09	37.647	7.529	1.406E-09	5.524	1.105	4.444E-12	5.037	1.007	3.369E-12
78	39.141	7.828	1.580E-09	3.113	0.623	7.948E-13	22.163	4.433	2.869E-10	189.693	37.939	1.799E-07	115.389	23.078	4.049E-08	0.838	0.168	1.552E-14	61.735	12.347	6.201E-09
79	116.808	23.362	4.201E-08	129.123	25.825	5.674E-08	1.302	0.260	5.811E-14	102.609	20.522	2.847E-08	64.410	12.882	7.043E-09	32.704	6.541	9.219E-10	96.970	19.394	2.403E-08
80	26.133	5.227	4.704E-10	51.052	10.210	3.507E-09	5.555	1.111	4.519E-12	115.256	23.051	4.035E-08									

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
81	-13.213	0.000	0.000E+00	123.298	24.660	4.940E-08	5.041	1.008	3.377E-12	60.225	12.045	5.757E-09	11.909	2.382	4.452E-11	132.782	26.556	6.170E-08	13.747	2.749	6.847E-11
82	25.610	5.122	4.427E-10	132.638	26.528	6.150E-08	75.713	15.143	1.144E-08	3.814	0.763	1.462E-12	2.243	0.449	2.974E-13	7.928	1.586	1.313E-11	28.309	5.662	5.979E-10
83	25.062	5.012	4.149E-10	55.538	11.108	4.515E-09	97.179	19.436	2.419E-08	83.889	16.778	1.556E-08	0.985	0.197	2.521E-14	63.128	12.626	6.631E-09	57.971	11.594	5.135E-09
84	16.181	3.236	1.117E-10	3.595	0.719	1.225E-12	2.880	0.576	6.296E-13	1.180	0.236	4.326E-14	47.777	9.555	2.874E-09	20.919	4.184	2.413E-10	114.722	22.944	3.980E-08
85	126.288	25.258	5.309E-08	95.054	19.011	2.264E-08	19.890	3.978	2.074E-10	115.972	23.194	4.111E-08	58.757	11.751	5.346E-09	1.904	0.381	1.820E-13	72.519	14.504	1.005E-08
86	1.696	0.339	1.286E-13	20.114	4.023	2.145E-10	24.544	4.909	3.897E-10	-45.988	0.000	0.000E+00	27.288	5.458	5.356E-10	99.990	19.998	2.635E-08	31.079	6.216	7.912E-10
87	95.498	19.100	2.295E-08	39.369	7.874	1.608E-09	28.537	5.707	6.125E-10	16.379	3.276	1.158E-10	27.884	5.577	5.714E-10	0.451	0.090	2.421E-15	17.544	3.509	1.423E-10
88	95.862	19.172	2.322E-08	26.934	5.387	5.150E-10	121.027	24.205	4.672E-08	5.222	1.044	3.753E-12	81.382	16.276	1.421E-08	115.093	23.019	4.018E-08	27.594	5.519	5.538E-10
89	-55.783	0.000	0.000E+00	129.897	25.979	5.777E-08	84.658	16.932	1.599E-08	207.353	41.471	2.350E-07	28.526	5.705	6.118E-10	3.257	0.651	9.108E-13	1.944	0.389	1.936E-13
90	109.955	21.991	3.504E-08	3.583	0.717	1.213E-12	57.026	11.405	4.888E-09	131.380	26.276	5.977E-08	62.956	12.591	6.576E-09	103.491	20.698	2.921E-08	78.299	15.660	1.265E-08
91	88.899	17.780	1.852E-08	128.596	25.719	5.605E-08	5.859	1.172	5.301E-12	115.694	23.139	4.082E-08	-59.141	0.000	0.000E+00	23.963	4.793	3.627E-10	0.700	0.140	9.031E-15
92	79.760	15.952	1.337E-08	19.694	3.939	2.013E-10	23.366	4.673	3.362E-10	82.616	16.523	1.486E-08	3.295	0.659	9.432E-13	43.402	8.680	2.155E-09	97.472	19.494	2.441E-08
93	69.560	13.912	8.871E-09	96.898	19.380	2.398E-08	3.621	0.724	1.252E-12	69.403	13.881	8.811E-09	11.615	2.323	4.130E-11	123.862	24.772	5.008E-08	88.780	17.756	1.844E-08
94	0.893	0.179	1.877E-14	107.694	21.539	3.292E-08	102.475	20.495	2.836E-08	32.610	6.522	9.140E-10	5.246	1.049	3.805E-12	-3.460	0.000	0.000E+00	13.038	2.608	5.841E-11
95	72.439	14.488	1.002E-08	90.185	18.037	1.933E-08	-1.579	0.000	0.000E+00	-1.940	0.000	0.000E+00	2.768	0.554	5.591E-13	110.110	22.022	3.519E-08	-3.734	0.000	0.000E+00
96	52.450	10.490	3.803E-09	55.999	11.200	4.628E-09	-7.673	0.000	0.000E+00	23.768	4.754	3.539E-10	24.075	4.815	3.678E-10	3.719	0.744	1.356E-12	199.443	39.889	2.091E-07
97	29.305	5.861	6.633E-10	8.898	1.780	1.857E-11	71.342	14.268	9.570E-09	79.643	15.929	1.331E-08	44.824	8.965	2.374E-09	1.413	0.283	7.441E-14	-2.035	0.000	0.000E+00
98	-38.099	0.000	0.000E+00	10.155	2.031	2.760E-11	95.171	19.034	2.272E-08	124.653	24.931	5.105E-08	-25.550	0.000	0.000E+00	70.515	14.103	9.241E-09	6.900	1.380	8.657E-12
99	65.840	13.168	7.522E-09	19.553	3.911	1.970E-10	62.028	12.406	6.290E-09	32.202	6.440	8.801E-10	35.444	7.089	1.174E-09	22.907	4.581	3.168E-10	94.275	18.855	2.208E-08
100	66.412	13.282	7.720E-09	2.674	0.535	5.041E-13	27.527	5.505	5.498E-10	26.241	5.248	4.763E-10	28.607	5.721	6.170E-10	100.444	20.089	2.671E-08	134.591	26.918	6.426E-08
101	118.849	23.770	4.425E-08	124.000	24.800	5.025E-08	38.079	7.616	1.455E-09	3.522	0.704	1.152E-12	4.411	0.882	2.262E-12	3.736	0.747	1.375E-12	3.600	0.720	1.230E-12
102	43.481	8.696	2.167E-09	2.450	0.490	3.876E-13	48.722	9.744	3.048E-09	131.078	26.216	5.936E-08	46.643	9.329	2.675E-09	-3.305	0.000	0.000E+00	110.094	22.019	3.517E-08
103	108.994	21.799	3.413E-08	117.133	23.427	4.236E-08	4.451	0.890	2.324E-12	27.183	5.437	5.294E-10	72.600	14.520	1.009E-08	25.010	5.002	4.123E-10	35.989	7.198	1.229E-09
104	3.059	0.612	7.543E-13	48.855	9.771	3.073E-09	94.703	18.941	2.239E-08	110.428	22.086	3.549E-08	35.249	7.050	1.154E-09	30.623	6.125	7.569E-10	25.065	5.013	4.151E-10
105	8.418	1.684	1.572E-11	25.963	5.193	4.613E-10	-111.355	0.000	0.000E+00	105.257	21.051	3.074E-08	3.858	0.772	1.514E-12	35.919	7.184	1.221E-09	1.041	0.208	2.971E-14
106	3.793	0.759	1.439E-12	99.462	19.892	2.593E-08	9.914	1.983	2.568E-11	31.536	6.307	8.266E-10	42.167	8.433	1.976E-09	116.368	23.274	4.153E-08	190.732	38.146	1.829E-07
107	4.163	0.833	1.901E-12	96.268	19.254	2.351E-08	15.531	3.106	9.874E-11	128.924	25.785	5.648E-08	37.043	7.409	1.340E-09	6.163	1.233	6.168E-12	72.999	14.600	1.025E-08
108	114.150	22.830	3.920E-08	26.581	5.316	4.950E-10	3.423	0.685	1.057E-12	101.236	20.247	2.735E-08	-13.571	0.000	0.000E+00	23.620	4.724	3.473E-10	1.182	0.236	4.354E-14
109	1.044	0.209	3.001E-14	12.363	2.473	4.980E-11	35.694	7.139	1.199E-09	110.446	22.089	3.551E-08	1.593	0.319	1.066E-13	4.710	0.942	2.754E-12	10.882	2.176	3.396E-11
110	121.793	24.359	4.762E-08	2.653	0.531	4.922E-13	119.386	23.877	4.485E-08	32.286	6.457	8.870E-10	31.992	6.398	8.630E-10	100.895	20.179	2.707E-08	73.315	14.663	1.039E-08
111	42.206	8.441	1.982E-09	31.555	6.311	8.281E-10	71.440	14.288	9.610E-09	3.211	0.642	8.726E-13	136.004	27.201	6.630E-08	67.008	13.402	7.930E-09	65.273	13.055	7.330E-09
112	46.870	9.374	2.714E-09	2.360	0.472	3.466E-13	118.975	23.795	4.439E-08	48.019	9.604	2.918E-09	23.940	4.788	3.616E-10	41.847	8.369	1.931E-09	19.625	3.925	1.992E-10
113	20.100	4.020	2.140E-10	202.161	40.432	2.178E-07	68.676	13.735	8.537E-09	94.706	18.941	2.239E-08	4.771	0.954	2.862E-12	3.829	0.766	1.480E-12	130.851	26.170	5.905E-08
114	96.256	19.251	2.351E-08	2.718	0.544	5.293E-13	23.544	4.709	3.440E-10	0.533	0.107	3.984E-15	53.764	10.753	4.096E-09	38.063	7.613	1.453E-09	119.799	23.960	4.532E-08
115	3.259	0.652	9.121E-13	115.378	23.076	4.048E-08	3.991	0.798	1.675E-12	6.192	1.238	6.256E-12	31.160	6.232	7.974E-10	66.212	13.242	7.651E-09	17.148	3.430	1.329E-10
116	22.954	4.591	3.188E-10	120.374	24.075	4.597E-08	124.669	24.934	5.107E-08	2.445	0.489	3.851E-13	37.755	7.551	1.418E-09	2.902	0.580	6.441E-13	72.412	14.482	1.001E-08
117	0.991	0.198	2.567E-14	104.332	20.866	2.993E-08	54.975	10.995	4.379E-09	40.713	8.143	1.779E-09	41.329	8.266	1.861E-09	14.527	2.905	8.080E-11	9.182	1.836	2.040E-11
118	26.895	5.379	5.127E-10	97.386	19.477	2.434E-08	23.253	4.651	3.114E-10	4.433	0.887	2.296E-12	38.276	7.655	1.478E-09	122.830	24.566	4.884E-08	67.863	13.573	8.237E-09
119	120.285	24.057	4.587E-08	99.525	19.905	2.598E-08	47.009	9.402	2.738E-09	2.459	0.492	3.918E-13	4.344	0.869	2.160E-12	53.194	10.639	3.967E-09	5.647	1.129	4.747E-12
120	31.614	6.323	8.328E-10	-108.351	0.000	0.000E+00	72.723	14.545	1.014E-08	36.438	7.288	1.275E-09	33.814	6.763	1.019E-09	57.614	11.523	5.040E-09	4.370	0.874	2.200E-12
121	-40.474	0.000	0.000E+00	126.679	25.336	5.358E-08	12.434	2.487	5.067E-11	104.857	20.971	3.039E-08	6.523	1.305	7.315E-12	55.019	11.004	4.390E-09	22.996	4.599	3.205E-10
122	58.171	11.634	5.188E-09	5.000	1.000	3.294E-12	-10.958	0.000	0.000E+00	4.199	0.840	1.951E-12	33.686	6.737	1.007E-09	36.556	7.311	1.288E-09	26.359	5.272	4.827E-10
123	75.136	15.027	1.118E-08	26.474	5.295	4.891E-10	69.644	13.929	8.903E-09	3.983	0.797	1.665E-12	33.712	6.742	1.010E-09	98.623	19.725	2.528E-08	40.400	8.080	1.738E-09
124	72.301	14.460	9.962E-09	89.124	17.825	1.866E-08	123.730	24.746	4.992E-08	65.011	13.002	7.242E-09	60.004	12.001	5.694E-09	6.727	1.345	8.023E-12	24.422	4.884	3.839E-10
125	25.100	5.020	4.168E-10	7.296	1.459	1.024E-11	125.825	25.165	5.250E-08	26.540	5.308	4.927E-10	4.322	0.864	2.128E-12	38.001	7.600				

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
126	25.480	5.096	4.360E-10	25.505	5.101	4.373E-10	-2.035	0.000	0.000E+00	-5.292	0.000	0.000E+00	-32.097	0.000	0.000E+00	-47.271	0.000	0.000E+00	0.930	0.186	2.123E-14
127	37.779	7.556	1.421E-09	32.445	6.489	9.002E-10	7.591	1.518	1.153E-11	85.439	17.088	1.644E-08	66.377	13.275	7.708E-09	45.057	9.011	2.411E-09	56.830	11.366	4.838E-09
128	56.864	11.373	4.846E-09	49.841	9.968	3.263E-09	30.451	6.090	7.442E-10	143.215	28.643	7.742E-08	30.475	6.095	7.460E-10	37.244	7.449	1.362E-09	-9.878	0.000	0.000E+00
129	39.568	7.914	1.633E-09	9.075	1.815	1.970E-11	60.918	12.184	5.958E-09	70.267	14.053	9.144E-09	8.891	1.778	1.852E-11	33.631	6.726	1.003E-09	31.640	6.328	8.348E-10
130	3.878	0.776	1.537E-12	5.722	1.144	4.937E-12	4.610	0.922	2.583E-12	3.692	0.738	1.326E-12	30.445	6.089	7.438E-10	3.924	0.785	1.593E-12	37.668	7.534	1.409E-09
131	95.757	19.151	2.314E-08	42.460	8.492	2.018E-09	105.614	21.123	3.105E-08	109.495	21.899	3.460E-08	46.847	9.369	2.710E-09	26.655	5.331	4.992E-10	12.779	2.556	5.501E-11
132	7.095	1.419	9.415E-12	84.836	16.967	1.609E-08	34.301	6.860	1.064E-09	60.733	12.147	5.904E-09	27.540	5.508	5.506E-10	35.495	7.099	1.179E-09	101.686	20.337	2.771E-08
133	49.638	9.928	3.223E-09	46.811	9.362	2.703E-09	122.074	24.415	4.795E-08	29.223	5.845	6.578E-10	34.323	6.865	1.066E-09	26.104	5.221	4.688E-10	-8.579	0.000	0.000E+00
134	135.335	27.067	6.533E-08	67.400	13.480	8.070E-09	19.129	3.826	1.845E-10	7.150	1.430	9.634E-12	36.611	7.322	1.293E-09	38.573	7.715	1.513E-09	28.496	5.699	6.099E-10
135	115.718	23.144	4.084E-08	6.851	1.370	8.474E-12	119.866	23.973	4.539E-08	4.344	0.869	2.160E-12	25.367	5.073	4.302E-10	21.026	4.205	2.450E-10	59.908	11.982	5.667E-09
136	68.958	13.792	8.643E-09	2.947	0.589	6.744E-13	61.384	12.277	6.096E-09	3.377	0.675	1.015E-12	8.799	1.760	1.796E-11	39.530	7.906	1.628E-09	23.284	4.657	3.327E-10
137	5.829	1.166	5.220E-12	46.371	9.274	2.628E-09	26.998	5.400	5.186E-10	13.107	2.621	5.935E-11	33.529	6.706	9.935E-10	3.916	0.783	1.582E-12	96.822	19.364	2.392E-08
138	3.727	0.745	1.365E-12	14.733	2.947	8.428E-11	82.339	16.468	1.471E-08	94.925	18.985	2.254E-08	35.984	7.197	1.228E-09	-3.595	0.000	0.000E+00	58.528	11.706	5.284E-09
139	37.022	7.404	1.337E-09	-23.343	0.000	0.000E+00	88.827	17.765	1.847E-08	7.509	1.502	1.116E-11	35.355	7.071	1.165E-09	-8.934	0.000	0.000E+00	25.872	5.174	4.564E-10
140	3.088	0.618	7.763E-13	10.425	2.085	2.986E-11	31.835	6.367	8.503E-10	43.214	8.643	2.127E-09	5.874	1.175	5.343E-12	18.133	3.627	1.571E-10	32.917	6.583	9.401E-10
141	7.287	1.457	1.020E-11	68.037	13.607	8.301E-09	13.823	2.765	6.962E-11	57.621	11.524	5.042E-09	34.334	6.867	1.067E-09	25.846	5.169	4.551E-10	5.044	1.009	3.383E-12
142	35.801	7.160	1.209E-09	104.122	20.824	2.975E-08	35.986	7.197	1.228E-09	7.363	1.473	1.052E-11	-7.689	0.000	0.000E+00	24.785	4.957	4.013E-10	107.540	21.508	3.278E-08
143	5.171	1.034	3.645E-12	58.496	11.699	5.275E-09	-3.369	0.000	0.000E+00	105.000	21.000	3.051E-08	30.820	6.164	7.716E-10	35.175	7.035	1.147E-09	29.251	5.850	6.597E-10
144	31.352	6.270	8.122E-10	65.086	13.017	7.267E-09	47.707	9.541	2.862E-09	12.072	2.414	4.637E-11	60.949	12.190	5.967E-09	114.617	22.923	3.969E-08	-1.777	0.000	0.000E+00
145	74.199	14.840	1.077E-08	3.058	0.612	7.534E-13	6.356	1.271	6.768E-12	17.123	3.425	1.323E-10	-30.734	0.000	0.000E+00	5.513	1.103	4.417E-12	43.821	8.764	2.218E-09
146	44.768	8.954	2.365E-09	-1.613	0.000	0.000E+00	28.041	5.608	5.812E-10	0.978	0.196	2.464E-14	28.288	5.658	5.966E-10	38.250	7.650	1.475E-09	33.695	6.739	1.008E-09
147	-38.491	0.000	0.000E+00	4.668	0.934	2.681E-12	117.589	23.518	4.285E-08	26.764	5.353	5.053E-10	35.357	7.071	1.165E-09	-27.238	0.000	0.000E+00	-7.317	0.000	0.000E+00
148	29.141	5.828	6.522E-10	60.571	12.114	5.857E-09	32.887	6.577	9.375E-10	39.905	7.981	1.675E-09	116.459	23.292	4.163E-08	34.635	6.927	1.095E-09	4.618	0.924	2.596E-12
149	89.103	17.821	1.865E-08	4.500	0.900	2.402E-12	62.272	12.454	6.364E-09	3.493	0.699	1.123E-12	35.705	7.141	1.200E-09	35.412	7.082	1.170E-09	32.290	6.458	8.873E-10
150	4.530	0.906	2.450E-12	61.904	12.381	6.252E-09	29.756	5.951	6.944E-10	24.457	4.891	3.856E-10	37.536	7.507	1.394E-09	-11.340	0.000	0.000E+00	2.470	0.494	3.973E-13
151	24.225	4.845	3.747E-10	42.255	8.451	1.988E-09	39.302	7.860	1.600E-09	35.948	7.190	1.224E-09	6.830	1.366	8.397E-12	25.708	5.142	4.478E-10	37.000	7.400	1.335E-09
152	3.748	0.750	1.388E-12	8.360	1.672	1.540E-11	29.838	5.968	7.001E-10	42.141	8.428	1.972E-09	4.728	0.946	2.786E-12	32.543	6.509	9.084E-10	-4.609	0.000	0.000E+00
153	2.459	0.492	3.920E-13	39.153	7.831	1.582E-09	4.888	0.978	3.079E-12	-16.772	0.000	0.000E+00	38.884	7.777	1.549E-09	216.359	43.272	2.669E-07	20.633	4.127	2.315E-10
154	7.745	1.549	1.225E-11	8.472	1.694	1.603E-11	25.517	5.103	4.379E-10	27.525	5.505	5.496E-10	28.874	5.775	6.344E-10	4.499	0.900	2.400E-12	24.694	4.939	3.969E-10
155	2.808	0.562	5.836E-13	17.489	3.498	1.410E-10	31.935	6.387	8.584E-10	80.767	16.153	1.389E-08	85.099	17.020	1.624E-08	35.197	7.039	1.149E-09	122.512	24.502	4.846E-08
156	7.275	1.455	1.015E-11	61.151	12.230	6.027E-09	32.917	6.583	9.401E-10	3.793	0.759	1.438E-12	32.297	6.459	8.879E-10	-11.346	0.000	0.000E+00	80.615	16.123	1.381E-08
157	26.892	5.378	5.126E-10	-44.396	0.000	0.000E+00	37.670	7.534	1.409E-09	36.584	7.317	1.290E-09	4.409	0.882	2.259E-12	23.878	4.776	3.588E-10	4.982	0.996	3.259E-12
158	30.784	6.157	7.689E-10	115.010	23.002	4.010E-08	67.036	13.407	7.940E-09	58.564	11.713	5.294E-09	5.201	1.040	3.708E-12	37.201	7.440	1.357E-09	6.646	1.329	7.737E-12
159	25.473	5.095	4.356E-10	28.103	5.621	5.850E-10	3.482	0.696	1.112E-12	4.968	0.994	2.332E-12	29.283	5.857	6.618E-10	32.275	6.455	8.861E-10	36.727	7.345	1.306E-09
160	5.761	1.152	5.038E-12	38.324	7.665	1.484E-09	27.433	5.487	5.441E-10	4.598	0.920	2.562E-12	20.612	4.122	2.308E-10	7.956	1.591	1.327E-11	52.758	10.552	3.870E-09
161	37.340	7.468	1.372E-09	5.979	1.196	5.632E-12	56.942	11.388	4.866E-09	34.628	6.926	1.094E-09	-1.081	0.000	0.000E+00	26.963	5.393	5.166E-10	4.367	0.873	2.196E-12
162	76.810	15.362	1.194E-08	31.477	6.295	8.220E-10	41.616	8.323	1.900E-09	-30.739	0.000	0.000E+00	30.898	6.180	7.775E-10	48.111	9.622	2.935E-09	36.317	7.263	1.263E-09
163	27.793	5.559	5.658E-10	48.478	9.696	3.003E-09	8.199	1.640	1.452E-11	37.583	7.517	1.399E-09	-34.330	0.000	0.000E+00	36.667	7.333	1.299E-09	27.113	5.423	5.253E-10
164	125.379	25.076	5.195E-08	79.484	15.897	1.324E-08	3.572	0.714	1.201E-12	43.771	8.754	2.210E-09	32.500	6.500	9.048E-10	36.852	7.370	1.319E-09	56.127	11.225	4.660E-09
165	112.507	22.501	3.753E-08	37.987	7.597	1.445E-09	32.568	6.514	9.105E-10	27.963	5.593	5.763E-10	-20.937	0.000	0.000E+00	15.769	3.154	1.033E-10	29.743	5.949	6.935E-10
166	18.059	3.612	1.552E-10	5.661	1.132	4.782E-12	26.431	5.286	4.867E-10	65.478	13.096	7.399E-09	120.574	24.115	4.620E-08	42.564	8.513	2.032E-09	116.683	23.337	4.187E-08
167	46.358	9.272	2.626E-09	4.463	0.893	2.343E-12	59.385	11.877	5.520E-09	-31.166	0.000	0.000E+00	37.468	7.494	1.386E-09	32.865	6.573	9.356E-10	-128.366	0.000	0.000E+00
168	16.012	3.202	1.082E-10	36.071	7.214	1.237E-09	116.510	23.302	4.168E-08	3.719	0.744	1.356E-12	26.142	5.228	4.709E-10	17.813	3.563	1.490E-10	-17.075	0.000	0.000E+00
169	8.084	1.617	1.392E-11	19.352	3.870	1.910E-10	34.803	6.961	1.111E-09	4.915	0.983	3.129E-12	29.340	5.868	6.657E-10	53.734	10.747	4.089E-09	48.675	9.735	3.040E-09
170	42.698	8.540	2.052E-09	12.716	2.543	5.420E-11	3.103	0.621	7.878E-13	43.106	8.621	2.111E-09	38.722	7.744	1.530E-09	33.591	6.718	9.990E-10	33.329	6.666	9.758E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
171	7.108	1.422	9.464E-12	38.761	7.752	1.535E-09	5.091	1.018	3.478E-12	40.531	8.106	1.755E-09	19.949	3.990	2.092E-10	123.418	24.684	4.955E-08	114.654	22.931	3.972E-08
172	-6.255	0.000	0.000E+00	29.035	5.807	6.451E-10	31.569	6.314	8.292E-10	4.487	0.897	2.380E-12	70.191	14.038	9.114E-09	29.995	5.999	7.113E-10	-29.549	0.000	0.000E+00
173	41.089	8.218	1.828E-09	-4.815	0.000	0.000E+00	5.071	1.014	3.438E-12	69.529	13.906	8.859E-09	30.362	6.072	7.377E-10	35.780	7.156	1.207E-09	13.243	2.649	6.122E-11
174	187.618	37.524	1.741E-07	38.559	7.712	1.511E-09	8.783	1.757	1.786E-11	49.837	9.967	3.263E-09	27.855	5.571	5.696E-10	-3.496	0.000	0.000E+00	37.177	7.435	1.354E-09
175	29.929	5.986	7.066E-10	6.746	1.349	8.090E-12	-7.874	0.000	0.000E+00	7.549	1.510	1.134E-11	8.730	1.746	1.753E-11	37.900	7.580	1.435E-09	37.415	7.483	1.381E-09
176	16.827	3.365	1.256E-10	58.587	11.717	5.300E-09	66.875	13.375	7.883E-09	55.265	11.053	4.449E-09	36.036	7.207	1.233E-09	40.251	8.050	1.719E-09	27.372	5.474	5.405E-10
177	34.751	6.950	1.106E-09	29.125	5.825	6.512E-10	30.326	6.065	7.351E-10	34.714	6.943	1.103E-09	38.220	7.644	1.471E-09	32.942	6.588	9.422E-10	27.816	5.563	5.673E-10
178	21.746	4.349	2.710E-10	28.253	5.651	5.944E-10	44.475	8.895	2.319E-09	50.548	10.092	3.386E-09	35.274	7.055	1.157E-09	25.814	5.163	4.534E-10	-5.010	0.000	0.000E+00
179	3.337	0.667	9.792E-13	74.280	14.856	1.080E-08	19.504	3.901	1.956E-10	10.714	2.143	3.241E-11	37.098	7.420	1.346E-09	34.755	6.951	1.106E-09	35.366	7.073	1.166E-09
180	39.509	7.902	1.625E-09	65.322	13.064	7.346E-09	24.119	4.824	3.698E-10	-19.324	0.000	0.000E+00	-30.133	0.000	0.000E+00	-5.249	0.000	0.000E+00	34.386	6.877	1.072E-09
181	66.052	13.210	7.595E-09	-15.747	0.000	0.000E+00	5.279	1.056	3.878E-12	5.365	1.073	4.069E-12	29.723	5.945	6.921E-10	27.643	5.529	5.567E-10	32.914	6.583	9.398E-10
182	41.029	8.206	1.820E-09	29.145	5.829	6.525E-10	25.784	5.157	4.518E-10	10.923	2.185	3.435E-11	221.933	44.387	2.881E-07	35.188	7.038	1.148E-09	-43.593	0.000	0.000E+00
183	31.878	6.376	8.538E-10	76.918	15.384	1.199E-08	64.046	12.809	6.924E-09	58.530	11.706	5.285E-09	127.919	25.584	5.517E-08	216.687	43.337	2.682E-07	54.263	10.853	4.211E-09
184	34.463	6.893	1.079E-09	6.886	1.377	8.605E-12	38.167	7.633	1.465E-09	28.607	5.721	6.170E-10	9.047	1.809	1.952E-11	32.298	6.460	8.880E-10	-18.660	0.000	0.000E+00
185	32.647	6.529	9.171E-10	33.478	6.696	9.889E-10	22.702	4.540	3.084E-10	38.609	7.722	1.517E-09	35.298	7.060	1.159E-09	25.523	5.105	4.382E-10	7.364	1.473	1.053E-11
186	13.913	2.783	7.099E-11	47.875	9.575	2.892E-09	27.840	5.568	5.687E-10	6.535	1.307	7.357E-12	6.616	1.323	7.632E-12	-31.397	0.000	0.000E+00	16.441	3.288	1.171E-10
187	24.816	4.963	4.028E-10	3.836	0.767	1.488E-12	-3.400	0.000	0.000E+00	40.446	8.089	1.744E-09	-6.563	0.000	0.000E+00	31.089	6.218	7.920E-10	-6.534	0.000	0.000E+00
188	-1.127	0.000	0.000E+00	37.725	7.545	1.415E-09	42.949	8.590	2.088E-09	2.744	0.549	5.445E-13	-21.455	0.000	0.000E+00	35.141	7.028	1.144E-09	38.180	7.636	1.467E-09
189	5.669	1.134	4.803E-12	45.701	9.140	2.516E-09	23.126	4.625	3.260E-10	30.143	6.029	7.218E-10	13.023	2.605	5.822E-11	-6.682	0.000	0.000E+00	-29.059	0.000	0.000E+00
190	-5.889	0.000	0.000E+00	-32.238	0.000	0.000E+00	48.658	9.732	3.036E-09	130.550	26.110	5.864E-08	38.192	7.638	1.468E-09	33.981	6.796	1.034E-09	36.943	7.389	1.329E-09
191	-3.874	0.000	0.000E+00	7.035	1.407	9.175E-12	36.301	7.260	1.261E-09	3.614	0.723	1.244E-12	30.108	6.022	7.194E-10	-27.244	0.000	0.000E+00	34.972	6.994	1.127E-09
192	7.060	1.412	9.276E-12	53.183	10.637	3.965E-09	22.443	4.489	2.979E-10	50.402	10.080	3.375E-09	31.302	6.260	8.084E-10	15.363	3.073	9.556E-11	39.969	7.994	1.683E-09
193	42.680	8.536	2.049E-09	27.056	5.411	5.220E-10	45.471	9.094	2.478E-09	34.574	6.915	1.089E-09	118.394	23.679	4.374E-08	33.452	6.690	9.866E-10	48.687	9.737	3.042E-09
194	71.985	14.397	9.832E-09	-10.616	0.000	0.000E+00	20.975	4.195	2.432E-10	-20.821	0.000	0.000E+00	29.969	5.994	7.094E-10	-22.439	0.000	0.000E+00	10.674	2.135	3.206E-11
195	40.472	8.094	1.747E-09	31.117	6.223	7.941E-10	36.080	7.216	1.238E-09	26.143	5.229	4.709E-10	35.453	7.091	1.175E-09	6.432	1.286	7.013E-12	-2.802	0.000	0.000E+00
196	26.239	5.248	4.761E-10	-19.002	0.000	0.000E+00	34.074	6.815	1.043E-09	247.361	49.472	3.989E-07	30.850	6.170	7.738E-10	22.278	4.456	2.914E-10	26.269	5.254	4.778E-10
197	6.833	1.367	8.410E-12	51.025	10.205	3.501E-09	107.468	21.494	3.271E-08	-242.792	0.000	0.000E+00	36.670	7.334	1.300E-09	11.527	2.305	4.037E-11	8.166	1.633	1.435E-11
198	6.266	1.253	6.485E-12	36.687	7.337	1.301E-09	5.743	1.149	4.991E-12	-44.522	0.000	0.000E+00	37.772	7.554	1.420E-09	-3.230	0.000	0.000E+00	26.367	5.273	4.832E-10
199	37.729	7.546	1.415E-09	9.066	1.813	1.964E-11	27.723	5.545	5.616E-10	-21.028	0.000	0.000E+00	115.092	23.018	4.018E-08	-11.309	0.000	0.000E+00	-41.628	0.000	0.000E+00
200	34.970	6.994	1.127E-09	38.159	7.632	1.464E-09	31.293	6.259	8.077E-10	-2.070	0.000	0.000E+00	123.680	24.736	4.986E-08	37.025	7.405	1.338E-09	19.095	3.819	1.835E-10
201	-4.266	0.000	0.000E+00	35.569	7.114	1.186E-09	25.950	5.190	4.606E-10	5.254	1.051	3.823E-12	7.071	1.414	9.316E-12	20.798	4.160	2.371E-10	-23.394	0.000	0.000E+00
202	31.879	6.376	8.539E-10	38.691	7.738	1.527E-09	28.343	5.669	6.001E-10	38.926	7.785	1.555E-09	114.758	22.952	3.983E-08	-27.884	0.000	0.000E+00	22.838	4.568	3.140E-10
203	37.366	7.473	1.375E-09	35.876	7.175	1.217E-09	34.374	6.875	1.070E-09	28.906	5.781	6.366E-10	76.884	15.377	1.198E-08	-20.952	0.000	0.000E+00	42.129	8.426	1.971E-09
204	30.921	6.184	7.792E-10	-31.770	0.000	0.000E+00	32.225	6.445	8.820E-10	32.843	6.569	9.337E-10	34.912	6.982	1.122E-09	38.030	7.606	1.450E-09	16.056	3.211	1.091E-10
205	36.250	7.250	1.256E-09	-6.233	0.000	0.000E+00	7.370	1.474	1.055E-11	33.091	6.618	9.505E-10	31.293	6.259	8.077E-10	25.882	5.176	4.570E-10	-32.954	0.000	0.000E+00
206	31.330	6.266	8.105E-10	27.811	5.562	5.670E-10	32.076	6.415	8.698E-10	80.596	16.119	1.380E-08	-34.683	0.000	0.000E+00	-8.829	0.000	0.000E+00	27.118	5.424	5.256E-10
207	39.140	7.828	1.580E-09	35.533	7.107	1.182E-09	-4.235	0.000	0.000E+00	16.592	3.318	1.204E-10	125.295	25.059	5.184E-08	29.128	5.826	6.514E-10	33.444	6.689	9.859E-10
208	30.598	6.120	7.550E-10	10.928	2.186	3.440E-11	38.259	7.652	1.476E-09	42.212	8.442	1.982E-09	120.852	24.170	4.652E-08	39.005	7.801	1.564E-09	31.859	6.372	8.522E-10
209	33.189	6.638	9.635E-10	5.321	1.064	3.970E-12	19.924	3.985	2.085E-10	37.090	7.418	1.345E-09	121.241	24.248	4.697E-08	33.772	6.754	1.015E-09	14.909	2.982	8.735E-11
210	34.972	6.994	1.127E-09	29.735	5.947	6.929E-10	10.488	2.098	3.041E-11	34.961	6.992	1.126E-09	108.565	21.713	3.373E-08	26.909	5.382	5.135E-10	36.863	7.373	1.320E-09
211	5.294	1.059	3.911E-12	36.422	7.284	1.273E-09	5.458	1.092	4.286E-12	33.448	6.690	9.863E-10	7.036	1.407	9.179E-12	34.208	6.842	1.055E-09	7.348	1.470	1.046E-11
212	27.316	5.463	5.372E-10	11.619	2.324	4.134E-11	26.159	5.232	4.718E-10	6.245	1.249	6.421E-12	33.481	6.696	9.892E-10	38.665	7.733	1.524E-09	42.198	8.440	1.980E-09
213	18.140	3.628	1.573E-10	18.606	3.721	1.698E-10	39.162	7.832	1.583E-09	33.476	6.695	9.888E-10	113.574	22.715	3.861E-08	41.561	8.312	1.892E-09	-4.893	0.000	0.000E+00
214	42.683	8.537	2.050E-09	27.101	5.420	5.246E-10	26.041	5.208	4.655E-10	42.361	8.472	2.003E-09	31.610	6.322	8.325E-10	32.013	6.403	8.647E-10	26.817	5.363	5.083E-10
215	5.423	1.085	4.204E-12	31.696	6.339	8.393E-10	38.129	7.626	1.461E-09	104.784	20.957	3.032E-08	36.583	7.317	1.290E-09	39.149	7.830	1.581E-09	-30.539	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
216	13.339	2.668	6.255E-11	35.666	7.133	1.196E-09	39.144	7.829	1.581E-09	5.291	1.058	3.904E-12	63.667	12.733	6.802E-09	7.023	1.405	9.132E-12	31.429	6.286	8.182E-10
217	27.916	5.583	5.734E-10	6.929	1.386	8.767E-12	-28.863	0.000	0.000E+00	31.310	6.262	8.090E-10	25.205	5.041	4.220E-10	-19.438	0.000	0.000E+00	30.250	6.050	7.295E-10
218	-28.001	0.000	0.000E+00	41.174	8.235	1.840E-09	36.187	7.237	1.249E-09	118.006	23.601	4.331E-08	31.679	6.336	8.379E-10	41.828	8.366	1.929E-09	9.225	1.845	2.069E-11
219	31.829	6.366	8.499E-10	36.413	7.283	1.272E-09	5.389	1.078	4.125E-12	33.351	6.670	9.777E-10	37.204	7.441	1.357E-09	27.841	5.568	5.687E-10	26.613	5.323	4.968E-10
220	31.087	6.217	7.918E-10	18.105	3.621	1.564E-10	31.328	6.266	8.104E-10	31.836	6.367	8.504E-10	44.199	8.840	2.276E-09	36.329	7.266	1.264E-09	36.249	7.250	1.255E-09
221	8.167	1.633	1.435E-11	-27.789	0.000	0.000E+00	-6.664	0.000	0.000E+00	26.824	5.365	5.087E-10	29.573	5.915	6.817E-10	25.820	5.164	4.537E-10	11.055	2.211	3.561E-11
222	38.789	7.758	1.538E-09	31.811	6.362	8.484E-10	30.185	6.037	7.249E-10	38.624	7.725	1.519E-09	32.950	6.590	9.429E-10	25.829	5.166	4.542E-10	42.842	8.568	2.072E-09
223	40.579	8.116	1.761E-09	35.797	7.159	1.209E-09	32.450	6.490	9.006E-10	34.848	6.970	1.115E-09	33.895	6.779	1.026E-09	22.679	4.536	3.074E-10	29.028	5.806	6.446E-10
224	36.352	7.270	1.266E-09	27.969	5.594	5.766E-10	-36.812	0.000	0.000E+00	61.267	12.253	6.061E-09	23.030	4.606	3.219E-10	33.627	6.725	1.002E-09	26.247	5.249	4.766E-10
225	36.618	7.324	1.294E-09	19.354	3.871	1.911E-10	36.795	7.359	1.313E-09	-16.330	0.000	0.000E+00	34.970	6.994	1.127E-09	-8.841	0.000	0.000E+00	37.537	7.507	1.394E-09
226	32.720	6.544	9.233E-10	37.227	7.445	1.360E-09	42.652	8.530	2.045E-09	33.625	6.725	1.002E-09	112.171	22.434	3.720E-08	31.019	6.204	7.866E-10	31.745	6.349	8.432E-10
227	31.526	6.305	8.259E-10	34.861	6.972	1.117E-09	8.442	1.688	1.586E-11	29.241	5.848	6.590E-10	34.051	6.810	1.041E-09	27.107	5.421	5.250E-10	-9.834	0.000	0.000E+00
228	37.982	7.596	1.444E-09	35.020	7.004	1.132E-09	39.869	7.974	1.670E-09	30.061	6.012	7.160E-10	35.431	7.086	1.172E-09	6.960	1.392	8.887E-12	46.661	9.332	2.678E-09
229	33.611	6.722	1.001E-09	27.789	5.558	5.656E-10	40.326	8.065	1.728E-09	6.129	1.226	6.068E-12	32.071	6.414	8.694E-10	5.736	1.147	4.975E-12	4.424	0.885	2.282E-12
230	29.165	5.833	6.538E-10	39.683	7.937	1.647E-09	36.216	7.243	1.252E-09	35.124	7.025	1.142E-09	31.857	6.371	8.521E-10	7.129	1.426	9.551E-12	12.538	2.508	5.195E-11
231	-16.321	0.000	0.000E+00	-32.009	0.000	0.000E+00	-10.265	0.000	0.000E+00	36.531	7.306	1.285E-09	-32.804	0.000	0.000E+00	-13.929	0.000	0.000E+00	30.939	6.188	7.805E-10
232	34.902	6.980	1.121E-09	33.881	6.776	1.025E-09	30.290	6.058	7.324E-10	35.892	7.178	1.219E-09	-23.947	0.000	0.000E+00	35.598	7.120	1.189E-09	25.953	5.191	4.607E-10
233	18.274	3.655	1.608E-10	-6.683	0.000	0.000E+00	38.930	7.786	1.555E-09	66.731	13.346	7.832E-09	25.263	5.053	4.249E-10	35.388	7.078	1.168E-09	-32.342	0.000	0.000E+00
234	34.323	6.865	1.066E-09	33.505	6.701	9.913E-10	37.427	7.485	1.382E-09	102.352	20.470	2.826E-08	6.021	1.204	5.753E-12	36.476	7.295	1.279E-09	-24.315	0.000	0.000E+00
235	40.522	8.104	1.754E-09	4.692	0.938	2.722E-12	34.564	6.913	1.088E-09	38.711	7.742	1.529E-09	35.084	7.017	1.138E-09	35.906	7.181	1.220E-09	31.129	6.226	7.950E-10
236	20.037	4.007	2.120E-10	37.092	7.418	1.345E-09	22.759	4.552	3.107E-10	32.273	6.455	8.860E-10	93.304	18.661	2.141E-08	-4.531	0.000	0.000E+00	28.776	5.755	6.280E-10
237	-27.644	0.000	0.000E+00	41.257	8.251	1.851E-09	-27.753	0.000	0.000E+00	35.166	7.033	1.146E-09	37.875	7.575	1.432E-09	29.160	5.832	6.535E-10	38.382	7.676	1.490E-09
238	35.356	7.071	1.165E-09	39.131	7.826	1.579E-09	29.177	5.835	6.547E-10	24.640	4.928	3.943E-10	36.015	7.203	1.231E-09	41.121	8.224	1.833E-09	38.792	7.758	1.539E-09
239	5.790	1.158	5.116E-12	41.573	8.315	1.894E-09	36.316	7.263	1.262E-09	39.925	7.985	1.677E-09	35.499	7.100	1.179E-09	42.553	8.511	2.031E-09	27.288	5.458	5.356E-10
240	32.278	6.456	8.863E-10	31.132	6.226	7.953E-10	39.755	7.951	1.656E-09	34.588	6.918	1.091E-09	35.736	7.147	1.203E-09	38.302	7.660	1.481E-09	30.864	6.173	7.749E-10
241	39.740	7.948	1.654E-09	40.327	8.065	1.729E-09	33.983	6.797	1.034E-09	3.969	0.794	1.649E-12	7.123	1.425	9.527E-12	40.822	8.164	1.793E-09	36.161	7.232	1.246E-09
242	7.770	1.554	1.236E-11	36.254	7.251	1.256E-09	40.972	8.194	1.813E-09	29.484	5.897	6.755E-10	26.333	5.267	4.812E-10	29.095	5.819	6.492E-10	25.299	5.060	4.268E-10
243	25.472	5.094	4.356E-10	31.876	6.375	8.537E-10	38.223	7.645	1.472E-09	28.745	5.749	6.260E-10	-5.369	0.000	0.000E+00	40.501	8.100	1.751E-09	-36.552	0.000	0.000E+00
244	44.514	8.903	2.325E-09	37.607	7.521	1.402E-09	6.431	1.286	7.012E-12	-39.693	0.000	0.000E+00	38.236	7.647	1.473E-09	8.770	1.754	1.778E-11	-7.618	0.000	0.000E+00
245	41.832	8.366	1.929E-09	-6.328	0.000	0.000E+00	18.571	3.714	1.688E-10	19.041	3.808	1.820E-10	-6.587	0.000	0.000E+00	36.703	7.341	1.303E-09	32.465	6.493	9.019E-10
246	16.865	3.373	1.264E-10	24.466	4.893	3.860E-10	25.890	5.178	4.574E-10	38.479	7.696	1.502E-09	36.349	7.270	1.266E-09	43.945	8.789	2.237E-09	37.927	7.585	1.438E-09
247	45.882	9.176	2.546E-09	34.743	6.949	1.105E-09	7.127	1.425	9.542E-12	36.614	7.323	1.294E-09	30.622	6.124	7.568E-10	33.842	6.768	1.022E-09	32.575	6.515	9.111E-10
248	16.208	3.242	1.122E-10	34.022	6.804	1.038E-09	26.323	5.265	4.807E-10	35.150	7.030	1.145E-09	-24.342	0.000	0.000E+00	40.686	8.137	1.775E-09	41.473	8.295	1.880E-09
249	30.803	6.161	7.703E-10	34.041	6.808	1.040E-09	24.780	4.956	4.010E-10	22.480	4.496	2.994E-10	30.062	6.012	7.160E-10	39.442	7.888	1.617E-09	41.856	8.371	1.933E-09
250	10.873	2.175	3.388E-11	32.195	6.439	8.795E-10	43.099	8.620	2.110E-09	33.099	6.620	9.557E-10	67.918	13.584	8.258E-09	-4.279	0.000	0.000E+00	-42.953	0.000	0.000E+00
251	35.483	7.097	1.177E-09	-12.108	0.000	0.000E+00	11.467	2.293	3.974E-11	6.216	1.243	6.331E-12	38.085	7.617	1.456E-09	38.652	7.730	1.522E-09	43.085	8.617	2.108E-09
252	35.652	7.130	1.194E-09	10.172	2.034	2.774E-11	26.902	5.380	5.131E-10	38.446	7.689	1.498E-09	62.469	12.494	6.425E-09	36.389	7.278	1.270E-09	32.236	6.447	8.829E-10
253	39.297	7.859	1.599E-09	37.352	7.470	1.374E-09	33.969	6.794	1.233E-09	34.927	6.985	1.123E-09	23.052	4.610	3.229E-10	16.006	3.201	1.081E-10	25.457	5.091	4.348E-10
254	-7.183	0.000	0.000E+00	34.569	6.914	1.089E-09	10.862	2.172	3.378E-11	34.803	6.961	1.111E-09	35.960	7.192	1.226E-09	35.605	7.121	1.190E-09	-8.789	0.000	0.000E+00
255	-16.169	0.000	0.000E+00	11.122	2.224	3.626E-11	42.932	8.586	2.086E-09	-4.389	0.000	0.000E+00	36.894	7.379	1.324E-09	21.943	4.389	2.785E-10	36.230	7.246	1.253E-09
256	38.237	7.647	1.473E-09	32.621	6.524	9.149E-10	38.005	7.601	1.447E-09	5.756	1.151	5.026E-12	72.734	14.547	1.014E-08	35.634	7.127	1.193E-09	31.279	6.256	8.066E-10
257	38.402	7.680	1.493E-09	43.330	8.666	2.144E-09	36.923	7.385	1.327E-09	37.536	7.507	1.394E-09	5.479	1.096	4.336E-12	28.259	5.652	5.948E-10	34.900	6.980	1.120E-09
258	7.124	1.425	9.530E-12	31.806	6.361	8.481E-10	33.499	6.700	9.908E-10	30.360	6.072	7.375E-10	32.473	6.495	9.025E-10	7.881	1.576	1.290E-11	33.081	6.616	9.542E-10
259	42.295	8.459	1.994E-09	26.394	5.279	4.846E-10	28.464	5.693	6.078E-10	37.000	7.400	1.335E-09	31.879	6.376	8.539E-10	36.984	7.397	1.333E-09	-7.183	0.000	0.000E+00
260	31.864	6.373	8.527E-10	41.318	8.264	1.859E-09	30.835	6.167	7.727E-10	9.863	1.973	2.529E-11	5.081	1.016	3.457E-12	17.143	3.429	1.328E-10	39.939	7.988	1.679E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
261	30.948	6.190	7.813E-10	38.125	7.625	1.461E-09	17.347	3.469	1.376E-10	35.619	7.124	1.191E-09	-16.105	0.000	0.000E+00	42.022	8.404	1.956E-09	23.137	4.627	3.264E-10
262	49.605	9.921	3.217E-09	29.458	5.892	6.738E-10	39.844	7.969	1.667E-09	-27.248	0.000	0.000E+00	36.468	7.294	1.278E-09	7.717	1.543	1.211E-11	40.375	8.075	1.735E-09
263	34.307	6.861	1.064E-09	41.983	8.397	1.950E-09	8.120	1.624	1.411E-11	38.460	7.692	1.499E-09	118.227	23.645	4.356E-08	43.953	8.791	2.238E-09	43.950	8.790	2.237E-09
264	12.895	2.579	5.652E-11	21.807	4.361	2.733E-10	33.010	6.602	9.481E-10	41.636	8.327	1.902E-09	-6.249	0.000	0.000E+00	32.751	6.550	9.259E-10	5.234	1.047	3.779E-12
265	7.510	1.502	1.116E-11	37.847	7.569	1.429E-09	34.060	6.812	1.041E-09	117.118	23.424	4.234E-08	33.250	6.650	9.689E-10	39.740	7.948	1.654E-09	7.242	1.448	1.001E-11
266	39.687	7.937	1.647E-09	21.569	4.314	2.645E-10	40.348	8.070	1.731E-09	37.300	7.460	1.368E-09	122.319	24.464	4.824E-08	10.646	2.129	3.180E-11	38.206	7.641	1.470E-09
267	38.663	7.733	1.523E-09	42.259	8.452	1.989E-09	33.623	6.725	1.002E-09	4.213	0.843	1.971E-12	125.376	25.075	5.194E-08	35.414	7.083	1.171E-09	44.462	8.892	2.317E-09
268	37.937	7.587	1.439E-09	11.407	2.281	3.912E-11	-8.263	0.000	0.000E+00	35.612	7.122	1.190E-09	34.650	6.930	1.096E-09	12.171	2.434	4.752E-11	27.620	5.524	5.554E-10
269	26.457	5.291	4.881E-10	40.343	8.069	1.731E-09	26.376	5.275	4.837E-10	27.743	5.549	5.628E-10	9.575	1.915	2.314E-11	33.314	6.663	9.745E-10	40.422	8.084	1.741E-09
270	-21.047	0.000	0.000E+00	37.843	7.569	1.428E-09	34.347	6.869	1.068E-09	35.190	7.038	1.149E-09	35.821	7.164	1.211E-09	7.864	1.573	1.282E-11	26.652	5.330	4.990E-10
271	6.581	1.316	7.511E-12	38.096	7.619	1.457E-09	28.987	5.797	6.419E-10	36.514	7.303	1.283E-09	51.282	10.256	3.555E-09	17.865	3.573	1.503E-10	6.244	1.249	6.415E-12
272	8.896	1.779	1.856E-11	28.578	5.716	6.152E-10	34.878	6.976	1.118E-09	37.721	7.544	1.415E-09	34.412	6.882	1.074E-09	42.276	8.455	1.991E-09	46.242	9.248	2.606E-09
273	40.998	8.200	1.816E-09	8.349	1.670	1.534E-11	32.780	6.556	9.284E-10	8.782	1.756	1.785E-11	35.940	7.188	1.224E-09	39.493	7.899	1.624E-09	-27.524	0.000	0.000E+00
274	33.767	6.753	1.015E-09	38.975	7.795	1.560E-09	17.012	3.402	1.298E-10	39.846	7.969	1.667E-09	7.172	1.434	9.722E-12	42.415	8.483	2.011E-09	6.941	1.388	8.815E-12
275	18.901	3.780	1.780E-10	44.538	8.908	2.329E-09	39.711	7.942	1.650E-09	25.063	5.013	4.149E-10	19.939	3.988	2.089E-10	34.802	6.960	1.111E-09	29.484	5.897	6.755E-10
276	20.834	4.167	2.383E-10	15.163	3.033	9.189E-11	42.512	8.502	2.025E-09	37.542	7.508	1.395E-09	118.275	23.655	4.361E-08	35.354	7.071	1.165E-09	26.210	5.242	4.746E-10
277	43.279	8.656	2.137E-09	37.182	7.436	1.355E-09	41.737	8.347	1.916E-09	118.769	23.754	4.416E-08	101.687	20.337	2.771E-08	38.561	7.712	1.511E-09	40.661	8.132	1.772E-09
278	12.699	2.540	5.397E-11	16.208	3.242	1.122E-10	-4.840	0.000	0.000E+00	39.709	7.942	1.650E-09	29.266	5.853	6.606E-10	47.294	9.459	2.788E-09	33.223	6.645	9.665E-10
279	-24.639	0.000	0.000E+00	9.454	1.891	2.227E-11	36.614	7.323	1.294E-09	22.780	4.556	3.116E-10	25.801	5.160	4.527E-10	41.471	8.294	1.880E-09	37.539	7.508	1.394E-09
280	-7.037	0.000	0.000E+00	33.031	6.606	9.498E-10	35.644	7.129	1.194E-09	43.911	8.782	2.232E-09	23.941	4.788	3.617E-10	33.927	6.785	1.029E-09	-5.649	0.000	0.000E+00
281	4.850	0.970	3.007E-12	28.215	5.643	5.920E-10	37.536	7.507	1.394E-09	33.616	6.723	1.001E-09	11.178	2.236	3.681E-11	29.657	5.931	6.875E-10	38.763	7.753	1.535E-09
282	34.161	6.832	1.051E-09	32.189	6.438	8.790E-10	29.380	5.876	6.684E-10	5.369	1.074	4.080E-12	27.532	5.506	5.501E-10	31.380	6.276	8.144E-10	33.486	6.697	9.896E-10
283	15.037	3.007	8.961E-11	42.230	8.446	1.985E-09	31.894	6.379	8.551E-10	13.880	2.776	7.048E-11	31.085	6.217	7.917E-10	7.401	1.480	1.069E-11	26.033	5.207	4.650E-10
284	35.135	7.027	1.143E-09	35.768	7.154	1.206E-09	-5.376	0.000	0.000E+00	6.751	1.350	8.109E-12	9.623	1.925	2.348E-11	40.073	8.015	1.696E-09	5.280	1.056	3.881E-12
285	38.444	7.689	1.498E-09	32.463	6.493	9.017E-10	26.061	5.212	4.665E-10	39.387	7.877	1.610E-09	55.966	11.193	4.620E-09	23.445	4.689	3.397E-10	8.601	1.720	1.677E-11
286	29.570	5.914	6.815E-10	42.268	8.454	1.990E-09	28.315	5.663	5.983E-10	8.567	1.713	1.657E-11	40.465	8.093	1.746E-09	-3.268	0.000	0.000E+00	35.279	7.056	1.157E-09
287	39.181	7.836	1.585E-09	37.566	7.513	1.397E-09	-4.952	0.000	0.000E+00	31.278	6.256	8.065E-10	115.990	23.198	4.113E-08	34.286	6.857	1.062E-09	30.123	6.025	7.204E-10
288	23.482	4.696	3.413E-10	42.885	8.577	2.079E-09	-6.261	0.000	0.000E+00	38.076	7.615	1.455E-09	33.287	6.657	9.721E-10	34.180	6.836	1.052E-09	-4.997	0.000	0.000E+00
289	31.025	6.205	7.871E-10	-37.918	0.000	0.000E+00	-11.615	0.000	0.000E+00	24.204	4.841	3.737E-10	114.885	22.977	3.996E-08	11.364	2.273	3.868E-11	36.773	7.355	1.311E-09
290	43.343	8.669	2.146E-09	28.905	5.781	6.365E-10	23.891	4.778	3.594E-10	37.925	7.585	1.438E-09	36.283	7.257	1.259E-09	12.149	2.430	4.726E-11	238.239	47.648	3.564E-07
291	40.257	8.051	1.720E-09	36.733	7.347	1.306E-09	13.676	2.735	6.741E-11	38.220	7.644	1.472E-09	-32.211	0.000	0.000E+00	34.566	6.913	1.089E-09	28.774	5.755	6.279E-10
292	42.113	8.423	1.969E-09	28.756	5.751	6.267E-10	6.414	1.283	6.955E-12	34.574	6.915	1.089E-09	6.640	1.328	7.716E-12	38.588	7.718	1.514E-09	37.592	7.518	1.400E-09
293	25.561	5.112	4.402E-10	-38.787	0.000	0.000E+00	23.402	4.680	3.378E-10	9.903	1.981	2.560E-11	-3.802	0.000	0.000E+00	48.974	9.795	3.096E-09	28.352	5.670	6.007E-10
294	31.971	6.394	8.613E-10	-10.006	0.000	0.000E+00	-33.451	0.000	0.000E+00	41.860	8.372	1.933E-09	27.398	5.480	5.420E-10	-19.237	0.000	0.000E+00	41.214	8.243	1.845E-09
295	42.026	8.405	1.956E-09	32.537	6.507	9.079E-10	33.825	6.765	1.020E-09	43.158	8.632	2.119E-09	29.893	5.979	7.041E-10	33.378	6.676	9.801E-10	25.029	5.006	4.132E-10
296	41.336	8.267	1.862E-09	39.648	7.930	1.643E-09	7.448	1.490	1.089E-11	37.569	7.514	1.398E-09	122.903	24.581	4.893E-08	31.372	6.274	8.138E-10	-29.184	0.000	0.000E+00
297	26.979	5.396	5.175E-10	25.593	5.119	4.418E-10	40.274	8.055	1.722E-09	37.745	7.549	1.417E-09	130.536	26.107	5.862E-08	36.407	7.281	1.272E-09	37.438	7.488	1.383E-09
298	4.394	0.879	2.235E-12	34.481	6.896	1.081E-09	35.956	7.191	1.225E-09	83.863	16.773	1.555E-08	-26.704	0.000	0.000E+00	37.771	7.554	1.420E-09	47.276	9.455	2.785E-09
299	31.241	6.248	8.037E-10	31.938	6.388	8.586E-10	40.854	8.171	1.797E-09	12.212	2.442	4.800E-11	-34.646	0.000	0.000E+00	16.990	3.398	1.293E-10	13.972	2.794	7.189E-11
300	31.019	6.204	7.867E-10	32.681	6.536	9.200E-10	28.136	5.627	5.870E-10	30.619	6.124	7.566E-10	4.559	0.912	2.497E-12	50.507	10.101	3.396E-09	22.675	4.535	3.073E-10
301	27.537	5.507	5.504E-10	33.692	6.738	1.008E-09	33.965	6.793	1.033E-09	5.466	1.093	4.304E-12	23.642	4.728	3.483E-10	7.008	1.402	9.072E-12	42.746	8.549	2.059E-09
302	35.274	7.055	1.157E-09	36.087	7.217	1.239E-09	39.860	7.972	1.669E-09	15.109	3.022	9.092E-11	-19.313	0.000	0.000E+00	45.449	9.090	2.474E-09	42.490	8.498	2.022E-09
303	35.343	7.069	1.164E-09	31.642	6.328	8.350E-10	5.730	1.146	4.959E-12	39.365	7.873	1.608E-09	23.899	4.780	3.598E-10	24.273	4.855	3.769E-10	39.637	7.927	1.641E-09
304	40.962	8.192	1.812E-09	34.743	6.949	1.105E-09	38.274	7.655	1.478E-09	65.984	13.197	7.572E-09	30.463	6.093	7.451E-10	30.027	6.005	7.136E-10	9.783	1.957	2.467E-11
305	43.421	8.684	2.158E-09	45.782	9.156	2.529E-09	26.190	5.238	4.735E-10	33.562	6.712	9.964E-10	119.496	23.899	4.497E-08	31.640	6.328	8.348E-10	28.209	5.642	5.916E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
306	-4.334	0.000	0.000E+00	33.092	6.618	9.551E-10	37.045	7.409	1.340E-09	35.918	7.184	1.221E-09	-4.182	0.000	0.000E+00	13.242	2.648	6.120E-11	35.410	7.082	1.170E-09
307	39.342	7.868	1.605E-09	39.342	7.868	1.605E-09	35.656	7.131	1.195E-09	31.012	6.202	7.861E-10	8.233	1.647	1.471E-11	41.101	8.220	1.830E-09	35.931	7.186	1.223E-09
308	26.919	5.384	5.141E-10	15.488	3.098	9.793E-11	43.391	8.678	2.153E-09	5.665	1.133	4.793E-12	36.462	7.292	1.278E-09	33.429	6.686	9.846E-10	27.552	5.510	5.512E-10
309	8.273	1.655	1.492E-11	7.199	1.440	9.835E-12	31.683	6.337	8.382E-10	7.152	1.430	9.641E-12	33.241	6.648	9.681E-10	40.860	8.172	1.798E-09	37.234	7.447	1.361E-09
310	13.547	2.709	6.553E-11	29.375	5.875	6.681E-10	39.162	7.832	1.583E-09	130.402	26.080	5.844E-08	119.558	23.912	4.504E-08	5.461	1.092	4.292E-12	39.392	7.878	1.611E-09
311	27.929	5.586	5.742E-10	34.635	6.927	1.095E-09	18.031	3.606	1.545E-10	116.824	23.365	4.202E-08	31.138	6.228	7.957E-10	-5.950	0.000	0.000E+00	38.105	7.621	1.458E-09
312	47.624	9.525	2.847E-09	40.654	8.131	1.771E-09	19.067	3.813	1.827E-10	36.679	7.336	1.301E-09	89.987	17.997	1.921E-08	33.016	6.603	9.486E-10	31.320	6.264	8.098E-10
313	31.634	6.327	8.344E-10	34.138	6.828	1.049E-09	26.361	5.272	4.828E-10	122.310	24.462	4.823E-08	26.058	5.212	4.663E-10	-31.883	0.000	0.000E+00	-8.674	0.000	0.000E+00
314	13.542	2.708	6.545E-11	-29.964	0.000	0.000E+00	42.021	8.404	1.956E-09	24.941	4.988	4.089E-10	5.750	1.150	5.011E-12	34.331	6.866	1.067E-09	7.901	1.580	1.300E-11
315	35.367	7.073	1.166E-09	41.656	8.331	1.905E-09	-27.423	0.000	0.000E+00	53.826	10.765	4.110E-09	25.853	5.171	4.554E-10	-2.904	0.000	0.000E+00	33.644	6.729	1.004E-09
316	6.353	1.271	6.758E-12	-29.364	0.000	0.000E+00	32.863	6.573	9.354E-10	27.903	5.581	5.726E-10	34.050	6.810	1.040E-09	28.860	5.772	6.336E-10	21.372	4.274	2.573E-10
317	40.061	8.012	1.695E-09	21.242	4.248	2.526E-10	24.109	4.822	3.694E-10	35.004	7.001	1.130E-09	50.610	10.122	3.417E-09	24.440	4.888	3.848E-10	37.401	7.480	1.379E-09
318	26.312	5.262	4.801E-10	9.088	1.818	1.979E-11	32.152	6.430	8.760E-10	27.069	5.414	5.228E-10	34.103	6.821	1.045E-09	32.745	6.549	9.254E-10	6.533	1.307	7.348E-12
319	35.113	7.023	1.141E-09	39.145	7.829	1.581E-09	30.061	6.012	7.159E-10	30.605	6.121	7.555E-10	-5.633	0.000	0.000E+00	34.900	6.980	1.120E-09	39.240	7.848	1.593E-09
320	-23.191	0.000	0.000E+00	27.093	5.419	5.241E-10	43.139	8.628	2.116E-09	27.602	5.520	5.543E-10	31.523	6.305	8.256E-10	37.727	7.545	1.415E-09	30.290	6.058	7.324E-10
321	44.890	8.978	2.384E-09	32.377	6.475	8.945E-10	20.629	4.126	2.314E-10	-31.782	0.000	0.000E+00	59.615	11.923	5.584E-09	10.193	2.039	2.791E-11	23.414	4.683	3.383E-10
322	33.478	6.696	9.889E-10	23.491	4.698	3.417E-10	27.671	5.534	5.584E-10	35.814	7.163	1.211E-09	27.954	5.591	5.757E-10	47.048	9.410	2.745E-09	31.312	6.262	8.091E-10
323	16.754	3.351	1.239E-10	42.752	8.550	2.059E-09	27.101	5.420	5.246E-10	35.064	7.013	1.136E-09	25.673	5.135	4.460E-10	27.044	5.409	5.213E-10	36.519	7.304	1.284E-09
324	27.244	5.449	5.329E-10	-17.900	0.000	0.000E+00	40.397	8.079	1.738E-09	23.185	4.637	3.285E-10	22.305	4.461	2.925E-10	30.230	6.046	7.281E-10	25.940	5.188	4.600E-10
325	31.530	6.306	8.262E-10	8.050	1.610	1.375E-11	9.994	1.999	2.631E-11	107.380	21.476	3.263E-08	-5.049	0.000	0.000E+00	41.675	8.335	1.908E-09	42.924	8.585	2.084E-09
326	-5.628	0.000	0.000E+00	6.078	1.216	5.917E-12	36.519	7.304	1.284E-09	33.498	6.700	9.907E-10	12.389	2.478	5.012E-11	32.145	6.429	8.754E-10	16.215	3.243	1.124E-10
327	43.728	8.746	2.204E-09	45.753	9.151	2.524E-09	32.353	6.471	8.925E-10	49.087	9.817	3.117E-09	29.316	5.863	6.641E-10	36.290	7.258	1.260E-09	39.772	7.954	1.658E-09
328	9.885	1.977	2.546E-11	9.267	1.853	2.098E-11	35.103	7.021	1.140E-09	35.529	7.106	1.182E-09	32.876	6.575	9.365E-10	32.185	6.437	8.787E-10	21.947	4.389	2.786E-10
329	45.841	9.168	2.539E-09	21.318	4.264	2.553E-10	31.893	6.379	8.550E-10	-7.559	0.000	0.000E+00	126.068	25.214	5.281E-08	30.091	6.018	7.181E-10	31.139	6.228	7.958E-10
330	16.530	3.306	1.190E-10	-32.801	0.000	0.000E+00	31.368	6.274	8.135E-10	8.306	1.661	1.511E-11	30.156	6.031	7.228E-10	16.484	3.297	1.181E-10	-30.955	0.000	0.000E+00
331	-25.138	0.000	0.000E+00	38.847	7.769	1.545E-09	33.103	6.621	9.561E-10	37.926	7.585	1.438E-09	34.949	6.990	1.125E-09	39.274	7.855	1.597E-09	41.405	8.281	1.871E-09
332	25.046	5.009	4.141E-10	34.199	6.840	1.054E-09	44.699	8.940	2.354E-09	32.657	6.531	9.180E-10	34.731	6.946	1.104E-09	29.034	5.807	6.451E-10	16.589	3.318	1.203E-10
333	37.882	7.576	1.433E-09	21.819	4.364	2.738E-10	33.519	6.704	9.926E-10	-41.879	0.000	0.000E+00	4.899	0.980	3.098E-12	31.722	6.344	8.413E-10	33.454	6.691	9.868E-10
334	43.594	8.719	2.184E-09	35.482	7.096	1.177E-09	34.363	6.873	1.069E-09	33.705	6.741	1.009E-09	5.680	1.136	4.829E-12	5.772	1.154	5.067E-12	27.848	5.570	5.692E-10
335	28.774	5.755	6.279E-10	8.341	1.668	1.530E-11	35.689	7.138	1.198E-09	38.159	7.632	1.464E-09	37.094	7.419	1.345E-09	7.894	1.579	1.297E-11	42.066	8.413	1.962E-09
336	26.610	5.322	4.966E-10	-4.881	0.000	0.000E+00	42.521	8.504	2.026E-09	37.473	7.495	1.387E-09	40.305	8.061	1.726E-09	44.708	8.942	2.355E-09	36.869	7.374	1.321E-09
337	-29.572	0.000	0.000E+00	33.521	6.704	9.928E-10	10.097	2.019	2.713E-11	8.668	1.734	1.716E-11	-6.608	0.000	0.000E+00	18.465	3.693	1.659E-10	31.568	6.314	8.291E-10
338	16.815	3.363	1.253E-10	11.851	2.370	4.387E-11	11.428	2.286	3.934E-11	122.454	24.491	4.840E-08	34.797	6.959	1.110E-09	29.921	5.984	7.060E-10	37.469	7.494	1.386E-09
339	42.042	8.408	1.959E-09	22.124	4.425	2.854E-10	16.428	3.286	1.169E-10	30.114	6.023	7.198E-10	24.641	4.928	3.943E-10	31.767	6.353	8.450E-10	13.969	2.794	7.185E-11
340	40.496	8.099	1.750E-09	35.263	7.053	1.156E-09	32.129	6.426	8.741E-10	4.599	0.920	2.564E-12	33.657	6.731	1.005E-09	33.982	6.796	1.034E-09	-23.427	0.000	0.000E+00
341	42.903	8.581	2.081E-09	30.969	6.194	7.828E-10	26.166	5.233	4.722E-10	31.515	6.303	8.249E-10	6.916	1.383	8.720E-12	21.793	4.359	2.728E-10	8.789	1.758	1.790E-11
342	91.766	18.353	2.037E-08	39.317	7.863	1.602E-09	-22.257	0.000	0.000E+00	36.853	7.371	1.319E-09	33.493	6.699	9.902E-10	43.439	8.688	2.160E-09	-10.003	0.000	0.000E+00
343	19.681	3.936	2.009E-10	-29.881	0.000	0.000E+00	37.354	7.471	1.374E-09	31.050	6.210	1.084E-09	34.520	6.904	1.084E-09	-26.882	0.000	0.000E+00	24.556	4.911	3.903E-10
344	35.505	7.101	1.180E-09	37.793	7.559	1.423E-09	-37.092	0.000	0.000E+00	21.129	4.226	2.486E-10	9.339	1.868	2.147E-11	38.677	7.735	1.525E-09	37.842	7.568	1.428E-09
345	36.306	7.261	1.261E-09	32.376	6.475	8.944E-10	24.188	4.838	3.730E-10	37.949	7.590	1.440E-09	7.289	1.458	1.021E-11	26.114	5.223	4.694E-10	20.731	4.146	2.348E-10
346	34.845	6.969	1.115E-09	39.057	7.811	1.570E-09	-26.200	0.000	0.000E+00	-7.409	0.000	0.000E+00	20.166	4.033	2.161E-10	39.629	7.926	1.640E-09	-17.920	0.000	0.000E+00
347	40.509	8.102	1.752E-09	30.394	6.079	7.400E-10	27.740	5.548	5.626E-10	29.691	5.938	6.899E-10	7.060	1.412	9.276E-12	36.236	7.247	1.254E-09	48.168	9.634	2.945E-09
348	20.142	4.028	2.154E-10	20.959	4.192	2.426E-10	-40.574	0.000	0.000E+00	26.624	5.325	4.974E-10	19.139	3.828	1.848E-10	32.846	6.569	9.340E-10	28.627	5.725	6.183E-10
349	63.619	12.724	6.787E-09	8.751	1.750	1.766E-11	30.108	6.022	7.193E-10	8.855	1.771	1.830E-11	36.913	7.383	1.326E-09	25.604	5.121	4.424E-10	31.386	6.277	8.149E-10
350	26.103	5.221	4.688E-10	26.635	5.327	4.980E-10	13.575	2.715	6.593E-11	8.877	7.375	1.322E-09	-17.761	0.000	0.000E+00	33.999	6.800	1.036E-09	36.571	7.314	1.289E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
351	29.730	5.946	6.926E-10	6.676	1.335	7.841E-12	8.314	1.663	1.514E-11	29.308	5.862	6.635E-10	34.820	6.964	1.113E-09	8.586	1.717	1.668E-11	26.744	5.349	5.041E-10
352	-26.654	0.000	0.000E+00	27.841	5.568	5.688E-10	39.782	7.956	1.659E-09	104.324	20.865	2.993E-08	38.591	7.718	1.515E-09	32.834	6.567	9.330E-10	33.998	6.800	1.036E-09
353	36.568	7.314	1.289E-09	20.998	4.200	2.440E-10	20.572	4.114	2.295E-10	32.112	6.422	8.728E-10	31.096	6.219	7.925E-10	-22.409	0.000	0.000E+00	5.348	1.070	4.032E-12
354	26.474	5.295	4.891E-10	31.189	6.238	7.997E-10	-15.441	0.000	0.000E+00	36.665	7.333	1.299E-09	32.124	6.425	8.737E-10	-44.961	0.000	0.000E+00	9.319	1.864	2.133E-11
355	29.952	5.990	7.082E-10	29.857	5.971	7.015E-10	37.977	7.595	1.444E-09	-4.383	0.000	0.000E+00	8.717	1.743	1.746E-11	34.591	6.918	1.091E-09	35.125	7.025	1.142E-09
356	40.674	8.135	1.773E-09	36.852	7.370	1.319E-09	35.684	7.137	1.198E-09	4.048	0.810	1.748E-12	9.851	1.970	2.519E-11	33.498	6.700	9.907E-10	24.026	4.805	3.655E-10
357	61.953	12.391	6.267E-09	36.183	7.237	1.249E-09	21.791	4.358	2.727E-10	31.521	6.304	8.255E-10	39.314	7.863	1.601E-09	-21.018	0.000	0.000E+00	27.382	5.476	5.411E-10
358	31.710	6.342	8.403E-10	3.475	0.695	1.106E-12	30.827	6.165	7.721E-10	7.278	1.456	1.016E-11	126.131	25.226	5.289E-08	36.188	7.238	1.249E-09	18.685	3.737	1.719E-10
359	16.678	3.336	1.223E-10	35.445	7.089	1.174E-09	33.816	6.763	1.019E-09	50.024	10.005	3.299E-09	97.168	19.434	2.418E-08	22.472	4.494	2.991E-10	30.891	6.178	7.769E-10
360	35.379	7.076	1.167E-09	29.748	5.950	6.938E-10	30.333	6.067	7.356E-10	119.146	23.829	4.458E-08	6.618	1.324	7.638E-12	29.750	5.950	6.940E-10	43.189	8.638	2.123E-09
361	26.299	5.260	4.794E-10	22.912	4.582	3.170E-10	-18.032	0.000	0.000E+00	25.972	5.194	4.617E-10	9.191	1.838	2.047E-11	32.675	6.535	9.194E-10	22.194	4.439	2.881E-10
362	22.890	4.578	3.161E-10	-29.384	0.000	0.000E+00	42.311	8.462	1.996E-09	23.608	4.722	3.468E-10	36.805	7.361	1.314E-09	19.895	3.979	2.076E-10	-7.314	0.000	0.000E+00
363	-7.916	0.000	0.000E+00	-39.865	0.000	0.000E+00	2.916	0.583	6.535E-13	23.896	4.779	3.596E-10	29.040	5.808	6.455E-10	28.997	5.799	6.426E-10	-11.830	0.000	0.000E+00
364	28.024	5.605	5.801E-10	32.405	6.481	8.969E-10	27.798	5.560	5.662E-10	3.974	0.795	1.654E-12	125.919	25.184	5.262E-08	35.093	7.019	1.139E-09	42.439	8.488	2.015E-09
365	34.320	6.864	1.065E-09	40.960	8.192	1.811E-09	16.932	3.386	1.279E-10	33.160	6.632	9.611E-10	35.324	7.065	1.162E-09	34.524	6.905	1.085E-09	34.063	6.813	1.042E-09
366	31.843	6.369	8.510E-10	-22.056	0.000	0.000E+00	30.940	6.188	7.807E-10	18.428	3.686	1.649E-10	27.407	5.481	5.426E-10	26.643	5.329	4.985E-10	33.836	6.767	1.021E-09
367	32.650	6.530	9.173E-10	34.138	6.828	1.049E-09	7.424	1.485	1.078E-11	4.844	0.969	2.995E-12	-30.728	0.000	0.000E+00	8.601	1.720	1.677E-11	10.223	2.045	2.816E-11
368	34.337	6.867	1.067E-09	32.497	6.499	9.045E-10	34.301	6.860	1.064E-09	96.887	19.377	2.397E-08	35.543	7.109	1.183E-09	-40.787	0.000	0.000E+00	37.947	7.589	1.440E-09
369	64.190	12.838	6.971E-09	37.986	7.597	1.445E-09	25.684	5.137	4.466E-10	-120.793	0.000	0.000E+00	35.263	7.053	1.156E-09	40.451	8.090	1.745E-09	11.569	2.314	4.081E-11
370	32.412	6.482	8.974E-10	7.951	1.590	1.325E-11	-10.424	0.000	0.000E+00	-28.276	0.000	0.000E+00	36.453	7.291	1.277E-09	21.991	4.398	2.803E-10	34.520	6.904	1.084E-09
371	29.891	5.978	7.039E-10	39.719	7.944	1.651E-09	18.428	3.686	1.649E-10	46.609	9.322	2.669E-09	37.392	7.478	1.378E-09	-33.663	0.000	0.000E+00	31.628	6.326	8.339E-10
372	20.943	4.189	2.421E-10	38.088	7.618	1.456E-09	-22.409	0.000	0.000E+00	76.819	15.364	1.195E-08	7.681	1.536	1.194E-11	38.106	7.621	1.458E-09	5.515	1.103	4.420E-12
373	14.039	2.808	7.293E-11	33.126	6.625	9.581E-10	37.030	7.406	1.338E-09	7.073	1.415	9.325E-12	10.008	2.002	2.642E-11	21.240	4.248	2.526E-10	6.040	1.208	5.807E-12
374	18.853	3.771	1.766E-10	-30.275	0.000	0.000E+00	37.046	7.409	1.340E-09	29.662	5.932	6.878E-10	31.803	6.361	8.478E-10	58.510	11.702	5.279E-09	31.176	6.235	7.987E-10
375	23.198	4.640	3.290E-10	25.496	5.099	4.368E-10	76.755	15.351	1.192E-08	32.725	6.545	9.237E-10	36.710	7.342	1.304E-09	26.963	5.393	5.166E-10	-5.273	0.000	0.000E+00
376	-6.652	0.000	0.000E+00	4.161	0.832	1.899E-12	4.981	0.996	3.257E-12	7.218	1.444	9.913E-12	40.755	8.151	1.784E-09	35.762	7.152	1.205E-09	37.816	7.563	1.425E-09
377	21.042	4.208	2.455E-10	30.303	6.061	7.334E-10	39.416	7.883	1.614E-09	69.854	13.971	8.984E-09	23.293	4.659	3.331E-10	-30.854	0.000	0.000E+00	33.004	6.601	9.475E-10
378	29.885	5.977	7.034E-10	35.674	7.135	1.197E-09	9.476	1.895	2.243E-11	27.223	5.445	5.317E-10	115.709	23.142	4.083E-08	24.324	4.865	3.793E-10	37.879	7.576	1.433E-09
379	32.336	6.467	8.912E-10	23.955	4.791	3.623E-10	34.246	6.849	1.059E-09	40.423	8.085	1.741E-09	8.120	1.624	1.411E-11	35.698	7.140	1.199E-09	7.322	1.464	1.035E-11
380	-7.587	0.000	0.000E+00	-20.388	0.000	0.000E+00	34.125	6.825	1.047E-09	39.789	7.958	1.660E-09	115.350	23.070	4.045E-08	23.273	4.655	3.323E-10	33.866	6.773	1.024E-09
381	37.973	7.595	1.443E-09	35.179	7.036	1.148E-09	-43.066	0.000	0.000E+00	-6.435	0.000	0.000E+00	38.434	7.687	1.496E-09	33.423	6.685	9.841E-10	35.220	7.044	1.152E-09
382	30.916	6.183	7.788E-10	39.283	7.857	1.598E-09	30.501	6.100	7.478E-10	105.676	21.135	3.110E-08	24.195	4.839	3.733E-10	-42.136	0.000	0.000E+00	30.563	6.113	7.524E-10
383	35.178	7.036	1.147E-09	38.410	7.682	1.494E-09	16.898	3.380	1.272E-10	32.121	6.424	8.735E-10	29.116	5.823	6.505E-10	42.878	8.576	2.078E-09	19.465	3.893	1.944E-10
384	28.352	5.670	6.007E-10	-25.165	0.000	0.000E+00	26.153	5.231	4.715E-10	109.813	21.963	3.490E-08	64.094	12.819	6.940E-09	8.523	1.705	1.632E-11	20.240	4.048	2.185E-10
385	31.779	6.356	8.459E-10	-7.036	0.000	0.000E+00	41.207	8.241	1.844E-09	28.536	5.707	6.125E-10	30.643	6.129	7.584E-10	6.116	1.223	6.028E-12	33.474	6.695	9.885E-10
386	35.612	7.122	1.190E-09	36.774	7.355	1.311E-09	33.209	6.642	9.653E-10	37.192	7.438	1.356E-09	66.361	13.272	7.702E-09	25.481	5.096	4.361E-10	24.357	4.871	3.809E-10
387	-6.048	0.000	0.000E+00	26.285	5.257	4.787E-10	64.011	12.802	6.913E-09	-4.494	0.000	0.000E+00	31.115	6.223	7.939E-10	31.830	6.366	8.500E-10	6.118	1.224	6.035E-12
388	36.297	7.259	1.260E-09	24.701	4.940	3.972E-10	28.053	5.611	5.819E-10	14.842	2.968	8.617E-11	43.188	8.638	2.123E-09	27.791	5.558	5.657E-10	37.395	7.479	1.378E-09
389	6.299	1.260	6.587E-12	11.665	2.333	4.183E-11	-6.138	0.000	0.000E+00	77.291	15.458	1.217E-08	40.023	8.005	1.690E-09	37.184	7.437	1.355E-09	-4.146	0.000	0.000E+00
390	6.645	1.329	7.733E-12	23.289	4.658	3.329E-10	-8.756	0.000	0.000E+00	24.867	4.973	4.053E-10	35.538	7.108	1.183E-09	37.003	7.401	1.335E-09	35.863	7.173	1.216E-09
391	38.055	7.611	1.453E-09	-27.120	0.000	0.000E+00	-4.767	0.000	0.000E+00	37.291	7.458	1.367E-09	6.530	1.306	7.340E-12	36.987	7.397	1.334E-09	26.007	5.201	4.636E-10
392	38.721	7.744	1.530E-09	35.883	7.177	1.218E-09	88.103	17.621	1.802E-08	-6.197	0.000	0.000E+00	8.870	1.774	1.839E-11	30.215	6.043	7.270E-10	5.787	1.157	5.107E-12
393	24.795	4.959	4.018E-10	-15.597	0.000	0.000E+00	31.224	6.245	8.023E-10	35.122	7.024	1.142E-09	36.859	7.372	1.320E-09	-24.561	0.000	0.000E+00	23.039	4.608	3.223E-10
394	16.191	3.238	1.119E-10	37.626	7.525	1.404E-09	-25.606	0.000	0.000E+00	30.499	6.100	7.477E-10	38.537	7.707	1.508E-09	29.115	5.823	6.505E-10	38.055	7.611	1.453E-09
395	14.861	2.972	8.650E-11	25.064	5.013	4.150E-10	25.575	5.115	4.409E-10	33.091	6.618	9.551E-10	34.981	6.996	1.128E-09	28.879	5.776	6.348E-10	33.966	6.793	1.033E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
396	33.488	6.698	9.898E-10	35.570	7.114	1.186E-09	20.524	4.105	2.279E-10	-4.752	0.000	0.000E+00	31.906	6.381	8.561E-10	36.079	7.216	1.238E-09	32.274	6.455	8.860E-10
397	39.785	7.957	1.660E-09	9.670	1.934	2.383E-11	-32.734	0.000	0.000E+00	120.938	24.188	4.662E-08	38.693	7.739	1.527E-09	31.416	6.283	8.173E-10	26.349	5.270	4.821E-10
398	-8.021	0.000	0.000E+00	33.250	6.650	9.689E-10	11.235	2.247	3.738E-11	-19.891	0.000	0.000E+00	41.701	8.340	1.911E-09	39.322	7.864	1.602E-09	30.226	6.045	7.279E-10
399	23.054	4.611	3.230E-10	22.083	4.417	2.838E-10	60.272	12.054	5.771E-09	11.230	2.246	3.733E-11	-29.550	0.000	0.000E+00	32.471	6.494	9.024E-10	-7.436	0.000	0.000E+00
400	24.897	4.979	4.067E-10	-7.264	0.000	0.000E+00	61.089	12.218	6.009E-09	41.349	8.270	1.863E-09	37.565	7.513	1.397E-09	28.188	5.638	5.903E-10	12.097	2.419	4.666E-11
401	39.141	7.828	1.581E-09	34.135	6.827	1.048E-09	55.734	11.147	4.563E-09	11.317	2.263	3.820E-11	30.421	6.084	7.420E-10	-29.499	0.000	0.000E+00	33.663	6.733	1.005E-09
402	22.023	4.405	2.815E-10	9.263	1.853	2.095E-11	34.477	6.895	1.080E-09	33.663	6.733	1.005E-09	32.904	6.581	9.390E-10	70.188	14.038	9.113E-09	34.537	6.907	1.086E-09
403	31.076	6.215	7.910E-10	-18.341	0.000	0.000E+00	37.171	7.434	1.354E-09	13.778	2.756	6.894E-11	61.948	12.390	6.266E-09	15.194	3.039	9.246E-11	-8.794	0.000	0.000E+00
404	34.076	6.815	1.043E-09	17.678	3.536	1.456E-10	28.871	5.774	6.343E-10	3.947	0.789	1.621E-12	60.359	12.072	5.796E-09	24.345	4.869	3.803E-10	37.357	7.471	1.374E-09
405	26.966	5.393	5.168E-10	34.661	6.932	1.098E-09	40.758	8.152	1.785E-09	33.211	6.642	9.655E-10	13.111	2.622	5.940E-11	22.531	4.506	3.015E-10	64.315	12.863	7.012E-09
406	-16.065	0.000	0.000E+00	26.976	5.395	5.174E-10	29.625	5.925	6.853E-10	27.908	5.582	5.729E-10	113.240	22.648	3.827E-08	26.821	5.364	5.086E-10	-15.291	0.000	0.000E+00
407	26.203	5.241	4.742E-10	32.694	6.539	9.211E-10	45.322	9.064	2.454E-09	39.219	7.844	1.590E-09	121.636	24.327	4.743E-08	55.492	11.098	4.504E-09	37.679	7.536	1.410E-09
408	30.771	6.154	7.679E-10	31.000	6.200	7.852E-10	31.790	6.358	8.468E-10	15.397	3.079	9.620E-11	32.651	6.530	9.175E-10	34.526	6.905	1.085E-09	9.946	1.989	2.594E-11
409	19.600	3.920	1.984E-10	-5.168	0.000	0.000E+00	-5.005	0.000	0.000E+00	32.769	6.554	9.274E-10	21.290	4.258	2.543E-10	-27.315	0.000	0.000E+00	26.086	5.217	4.678E-10
410	-36.544	0.000	0.000E+00	34.301	6.860	1.064E-09	22.049	4.410	2.825E-10	30.504	6.101	7.481E-10	29.529	5.906	6.786E-10	120.460	24.092	4.607E-08	29.378	5.876	6.683E-10
411	38.199	7.640	1.469E-09	33.026	6.605	9.494E-10	27.080	5.416	5.234E-10	22.019	4.404	2.814E-10	8.662	1.732	1.713E-11	30.212	6.042	7.269E-10	-30.897	0.000	0.000E+00
412	7.813	1.563	1.257E-11	33.560	6.712	9.962E-10	-23.050	0.000	0.000E+00	37.435	7.487	1.383E-09	34.771	6.954	1.108E-09	7.963	1.593	1.331E-11	28.674	5.735	6.214E-10
413	37.091	7.418	1.345E-09	18.188	3.638	1.586E-10	66.359	13.272	7.702E-09	28.988	5.798	6.420E-10	22.709	4.542	3.087E-10	118.920	23.784	4.433E-08	-7.458	0.000	0.000E+00
414	29.133	5.827	6.517E-10	35.799	7.160	1.209E-09	34.753	6.951	1.106E-09	-9.070	0.000	0.000E+00	-33.850	0.000	0.000E+00	34.825	6.965	1.113E-09	36.919	7.384	1.326E-09
415	26.088	5.218	4.680E-10	34.860	6.972	1.117E-09	28.484	5.697	6.091E-10	27.392	5.478	5.417E-10	33.578	6.716	9.978E-10	87.312	17.462	1.754E-08	30.504	6.101	7.481E-10
416	24.391	4.878	3.825E-10	38.124	7.625	1.460E-09	-38.733	0.000	0.000E+00	-8.056	0.000	0.000E+00	23.502	4.700	3.421E-10	28.170	5.634	5.892E-10	32.357	6.471	8.929E-10
417	32.834	6.567	9.330E-10	31.065	6.213	7.901E-10	11.294	2.259	3.797E-11	25.930	5.186	4.595E-10	33.154	6.631	9.605E-10	33.302	6.660	9.734E-10	29.308	5.862	6.635E-10
418	24.846	4.969	4.043E-10	28.803	5.761	6.298E-10	30.189	6.038	7.252E-10	-32.907	0.000	0.000E+00	-3.626	0.000	0.000E+00	125.248	25.050	5.178E-08	8.116	1.623	1.409E-11
419	25.812	5.162	4.533E-10	-6.989	0.000	0.000E+00	-9.595	0.000	0.000E+00	-26.725	0.000	0.000E+00	123.990	24.798	5.024E-08	39.109	7.822	1.577E-09	33.679	6.736	1.007E-09
420	4.960	0.992	3.216E-12	35.412	7.082	1.170E-09	24.674	4.935	3.959E-10	34.581	6.916	1.090E-09	38.977	7.795	1.561E-09	-5.643	0.000	0.000E+00	6.371	1.274	6.817E-12
421	38.750	7.750	1.534E-09	33.156	6.631	9.607E-10	27.040	5.408	5.211E-10	37.457	7.491	1.385E-09	38.748	7.750	1.533E-09	28.139	5.628	5.872E-10	28.501	5.700	6.102E-10
422	26.755	5.351	5.048E-10	36.000	7.200	1.230E-09	37.437	7.487	1.383E-09	127.686	25.537	5.487E-08	39.858	7.972	1.669E-09	33.109	6.622	9.566E-10	27.556	5.511	5.515E-10
423	72.209	14.442	9.923E-09	33.607	6.721	1.000E-09	35.960	7.192	1.226E-09	-96.483	0.000	0.000E+00	20.200	4.040	2.172E-10	8.531	1.706	1.637E-11	39.073	7.815	1.572E-09
424	59.677	11.935	5.602E-09	15.550	3.110	9.910E-11	32.459	6.492	9.014E-10	31.215	6.243	8.017E-10	-5.547	0.000	0.000E+00	21.775	4.355	2.721E-10	-7.944	0.000	0.000E+00
425	8.654	1.731	1.708E-11	31.189	6.238	7.996E-10	46.483	9.297	2.647E-09	122.573	24.515	4.854E-08	30.629	6.126	7.574E-10	6.464	1.293	7.119E-12	20.379	4.076	2.231E-10
426	30.900	6.180	7.776E-10	-5.228	0.000	0.000E+00	66.960	13.392	7.913E-09	41.189	8.238	1.842E-09	32.027	6.405	8.658E-10	39.148	7.830	1.581E-09	-37.476	0.000	0.000E+00
427	-22.529	0.000	0.000E+00	6.044	1.209	5.820E-12	119.820	23.964	4.534E-08	17.339	3.468	1.374E-10	14.982	2.996	8.864E-11	-23.522	0.000	0.000E+00	40.440	8.088	1.743E-09
428	25.071	5.014	4.153E-10	22.386	4.477	2.957E-10	5.982	1.196	5.642E-12	30.173	6.035	7.240E-10	220.704	44.141	2.833E-07	15.890	3.178	1.057E-10	100.581	20.116	2.682E-08
429	-18.793	0.000	0.000E+00	26.501	5.300	4.905E-10	40.362	8.072	1.733E-09	36.985	7.397	1.333E-09	30.765	6.153	7.675E-10	38.005	7.601	1.447E-09	32.867	6.573	9.358E-10
430	34.018	6.804	1.038E-09	11.603	2.321	4.118E-11	36.740	7.348	1.307E-09	-29.790	0.000	0.000E+00	43.196	8.639	2.124E-09	-16.006	0.000	0.000E+00	32.386	6.477	8.953E-10
431	26.628	5.326	4.976E-10	32.539	6.508	9.080E-10	5.784	1.157	5.101E-12	-6.645	0.000	0.000E+00	4.354	0.871	2.175E-12	26.871	5.374	5.114E-10	33.692	6.738	1.008E-09
432	21.116	4.223	2.482E-10	39.320	7.864	1.602E-09	28.085	5.617	5.839E-10	117.893	23.579	4.319E-08	29.169	5.834	6.541E-10	30.449	6.090	7.441E-10	36.466	7.293	1.278E-09
433	-32.108	0.000	0.000E+00	26.553	5.311	4.934E-10	38.039	7.608	1.451E-09	36.010	7.202	1.231E-09	31.655	6.331	8.360E-10	74.172	14.834	1.075E-08	29.146	5.829	6.526E-10
434	40.520	8.104	1.753E-09	4.904	0.981	3.109E-12	-6.310	0.000	0.000E+00	25.672	5.134	4.459E-10	116.254	23.251	4.141E-08	7.691	1.538	1.199E-11	37.541	7.508	1.394E-09
435	67.470	13.494	8.095E-09	12.269	2.454	4.868E-11	63.787	12.757	6.841E-09	15.141	3.028	9.149E-11	9.326	1.865	2.138E-11	59.820	11.964	5.642E-09	-5.903	0.000	0.000E+00
436	61.038	12.208	5.994E-09	-4.737	0.000	0.000E+00	-5.538	0.000	0.000E+00	8.608	1.722	1.681E-11	60.971	12.194	5.974E-09	29.820	5.856	6.616E-10	33.315	6.663	9.746E-10
437	34.089	6.818	1.044E-09	29.031	5.806	6.449E-10	22.294	4.459	2.921E-10	24.099	4.820	3.689E-10	29.684	5.937	6.894E-10	32.859	6.572	9.351E-10	36.254	7.251	1.256E-09
438	4.706	0.941	2.746E-12	40.551	8.110	1.758E-09	30.098	6.020	7.187E-10	39.392	7.878	1.611E-09	23.448	4.690	3.398E-10	25.740	5.148	4.495E-10	37.740	7.548	1.417E-09
439	33.250	6.650	9.688E-10	14.568	2.914	8.149E-11	6.902	1.380	8.667E-12	32.293	6.459	8.876E-10	11.819	2.364	4.351E-11	-27.240	0.000	0.000E+00	26.678	5.336	5.004E-10
440	6.556	1.311	7.426E-12	29.313	5.863	6.639E-10	62.566	12.513	6.455E-09	74.471	14.894	1.089E-08	29.913	5.983	7.055E-10	28.603	5.721	6.168E-10	34.862	6.972	1.117E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
441	34.528	6.906	1.085E-09	-18.683	0.000	0.000E+00	30.952	6.190	7.816E-10	29.752	5.950	6.941E-10	27.287	5.457	5.355E-10	36.844	7.369	1.318E-09	-7.084	0.000	0.000E+00
442	31.565	6.313	8.289E-10	104.968	20.994	3.048E-08	21.222	4.244	2.519E-10	27.953	5.591	5.757E-10	28.469	5.694	6.082E-10	36.705	7.341	1.303E-09	30.890	6.178	7.768E-10
443	31.642	6.328	8.350E-10	-5.457	0.000	0.000E+00	5.822	1.164	5.202E-12	33.470	6.694	9.883E-10	7.312	1.462	1.030E-11	34.625	6.925	1.094E-09	32.078	6.416	8.700E-10
444	76.305	15.261	1.171E-08	41.244	8.249	1.849E-09	38.953	7.791	1.558E-09	35.278	7.056	1.157E-09	34.632	6.926	1.095E-09	28.748	5.750	6.262E-10	39.733	7.947	1.653E-09
445	28.074	5.615	5.832E-10	35.583	7.117	1.187E-09	37.591	7.518	1.400E-09	10.578	2.116	3.120E-11	6.707	1.341	7.951E-12	28.305	5.661	5.977E-10	26.819	5.364	5.084E-10
446	59.278	11.856	5.490E-09	27.993	5.599	5.782E-10	71.999	14.400	9.837E-09	36.347	7.269	1.266E-09	32.073	6.415	8.696E-10	25.442	5.088	4.341E-10	7.666	1.533	1.187E-11
447	32.941	6.588	9.421E-10	36.384	7.277	1.269E-09	-15.548	0.000	0.000E+00	-10.799	0.000	0.000E+00	4.948	0.990	3.192E-12	33.987	6.797	1.035E-09	23.760	4.752	3.535E-10
448	30.245	6.049	7.292E-10	67.986	13.597	8.282E-09	-20.121	0.000	0.000E+00	30.207	6.041	7.264E-10	28.761	5.752	6.271E-10	35.600	7.120	1.189E-09	12.395	2.479	5.019E-11
449	38.109	7.622	1.459E-09	26.562	5.312	4.940E-10	9.985	1.997	2.624E-11	37.058	7.412	1.341E-09	114.777	22.955	3.985E-08	10.302	2.060	2.882E-11	21.180	4.236	2.504E-10
450	5.475	1.095	4.326E-12	7.436	1.487	1.084E-11	24.001	4.800	3.644E-10	75.926	15.185	1.154E-08	-67.684	0.000	0.000E+00	30.193	6.039	7.255E-10	32.280	6.456	8.865E-10
451	27.819	5.564	5.674E-10	105.101	21.020	3.060E-08	29.538	5.908	6.792E-10	18.756	3.751	1.739E-10	-6.459	0.000	0.000E+00	6.761	1.352	8.145E-12	32.276	6.455	8.862E-10
452	32.124	6.425	8.738E-10	33.402	6.680	9.822E-10	68.720	13.744	8.553E-09	34.011	6.802	1.037E-09	42.375	8.475	2.005E-09	28.113	5.623	5.856E-10	13.880	2.776	7.048E-11
453	194.218	38.844	1.931E-07	12.370	2.474	4.989E-11	65.802	13.160	7.509E-09	28.152	5.630	5.881E-10	35.600	7.120	1.189E-09	-29.894	0.000	0.000E+00	28.375	5.675	6.021E-10
454	115.885	23.177	4.102E-08	-24.385	0.000	0.000E+00	35.317	7.063	1.161E-09	8.554	1.711	1.650E-11	33.094	6.619	9.553E-10	27.040	5.408	5.211E-10	39.079	7.816	1.573E-09
455	67.714	13.543	8.183E-09	120.480	24.096	4.609E-08	29.449	5.890	6.731E-10	30.059	6.012	7.158E-10	7.492	1.498	1.108E-11	37.048	7.410	1.340E-09	37.428	7.486	1.382E-09
456	51.106	10.221	3.518E-09	-31.534	0.000	0.000E+00	-24.696	0.000	0.000E+00	104.496	20.899	3.007E-08	9.006	1.801	1.925E-11	31.035	6.207	7.879E-10	38.198	7.640	1.469E-09
457	-72.880	0.000	0.000E+00	37.864	7.573	1.431E-09	40.981	8.196	1.814E-09	36.215	7.243	1.252E-09	118.324	23.665	4.366E-08	32.524	6.505	9.068E-10	133.644	26.729	6.291E-08
458	6.837	1.367	8.424E-12	96.218	19.244	2.348E-08	50.865	10.173	3.469E-09	27.879	5.576	5.711E-10	35.783	7.157	1.208E-09	34.035	6.807	1.039E-09	5.154	1.031	3.609E-12
459	37.290	7.458	1.367E-09	34.233	6.847	1.057E-09	32.647	6.529	9.171E-10	8.751	1.750	1.766E-11	6.343	1.269	6.725E-12	35.444	7.089	1.174E-09	65.775	13.155	7.500E-09
460	34.334	6.867	1.067E-09	27.561	5.512	5.518E-10	-39.968	0.000	0.000E+00	7.944	1.589	1.321E-11	36.427	7.285	1.274E-09	64.528	12.906	7.082E-09	23.551	4.710	3.443E-10
461	22.358	4.472	2.946E-10	28.023	5.605	5.800E-10	50.821	10.164	3.460E-09	-5.199	0.000	0.000E+00	116.860	23.372	4.206E-08	5.546	1.109	4.495E-12	27.188	5.438	5.297E-10
462	-5.617	0.000	0.000E+00	3.730	0.746	1.368E-12	10.948	2.190	3.458E-11	35.337	7.067	1.163E-09	20.225	4.045	2.180E-10	25.332	5.066	4.284E-10	61.496	12.299	6.130E-09
463	22.992	4.598	3.203E-10	34.419	6.884	1.075E-09	37.093	7.419	1.345E-09	33.541	6.708	9.945E-10	29.308	5.862	6.635E-10	28.058	5.612	5.822E-10	28.189	5.638	5.904E-10
464	30.504	6.101	7.481E-10	85.758	17.152	1.662E-08	-14.764	0.000	0.000E+00	46.973	9.395	2.732E-09	32.333	6.467	8.909E-10	5.208	1.042	3.723E-12	35.338	7.068	1.163E-09
465	35.253	7.051	1.155E-09	120.496	24.099	4.611E-08	4.394	0.879	2.237E-12	24.247	4.849	3.757E-10	65.544	13.109	7.422E-09	27.964	5.593	5.764E-10	-7.436	0.000	0.000E+00
466	23.837	4.767	3.570E-10	26.992	5.398	5.183E-10	5.825	1.165	5.210E-12	129.638	25.928	5.742E-08	7.723	1.545	1.214E-11	118.358	23.672	4.370E-08	9.155	1.831	2.022E-11
467	61.564	12.313	6.150E-09	37.683	7.537	1.410E-09	27.043	5.409	5.212E-10	34.570	6.914	1.089E-09	-4.408	0.000	0.000E+00	27.213	5.443	5.312E-10	37.630	7.526	1.404E-09
468	37.404	7.481	1.379E-09	28.096	5.619	5.846E-10	7.970	1.594	1.334E-11	32.792	6.558	9.294E-10	121.856	24.371	4.769E-08	31.840	6.368	8.508E-10	27.931	5.586	5.743E-10
469	31.273	6.255	8.061E-10	29.450	5.890	6.732E-10	16.321	3.264	1.146E-10	31.403	6.281	8.162E-10	-6.084	0.000	0.000E+00	2.519	0.504	4.213E-13	29.710	5.942	6.912E-10
470	130.422	26.084	5.847E-08	-6.721	0.000	0.000E+00	41.288	8.258	1.855E-09	111.138	22.228	3.618E-08	41.889	8.378	1.937E-09	41.848	8.370	1.932E-09	17.393	3.479	1.387E-10
471	28.922	5.784	6.376E-10	125.098	25.020	5.160E-08	28.689	5.738	6.224E-10	34.913	6.983	1.122E-09	71.605	14.321	9.677E-09	39.018	7.804	1.566E-09	35.237	7.047	1.153E-09
472	115.814	23.163	4.094E-08	62.774	12.555	6.520E-09	72.580	14.516	1.008E-08	73.360	14.672	1.041E-08	25.174	5.035	4.205E-10	3.694	0.739	1.328E-12	33.379	6.676	9.802E-10
473	45.210	9.042	2.436E-09	101.703	20.341	2.773E-08	9.838	1.968	2.509E-11	33.499	6.700	9.908E-10	97.663	19.533	2.455E-08	10.798	2.160	3.318E-11	21.618	4.324	2.663E-10
474	32.520	6.504	9.064E-10	35.526	7.105	1.182E-09	66.495	13.299	7.749E-09	35.575	7.115	1.187E-09	32.133	6.427	8.744E-10	8.075	1.615	1.388E-11	34.510	6.902	1.083E-09
475	29.933	5.987	7.069E-10	60.543	12.109	5.849E-09	18.798	3.760	1.751E-10	12.413	2.483	5.041E-11	37.465	7.493	1.386E-09	22.532	4.506	3.015E-10	6.916	1.383	8.718E-12
476	61.469	12.294	6.121E-09	28.574	5.715	6.149E-10	33.036	6.607	9.503E-10	33.665	6.733	1.006E-09	30.529	6.106	7.499E-10	31.902	6.380	8.558E-10	35.778	7.156	1.207E-09
477	33.481	6.696	9.892E-10	14.904	2.981	8.727E-11	120.550	24.110	4.617E-08	36.491	7.298	1.281E-09	38.253	7.651	1.475E-09	23.960	4.792	3.625E-10	-19.370	0.000	0.000E+00
478	49.673	9.935	3.230E-09	21.031	4.206	2.452E-10	28.440	5.688	6.063E-10	71.626	14.325	9.685E-09	29.505	5.901	6.770E-10	193.471	38.694	1.909E-07	14.556	2.911	8.128E-11
479	30.974	6.195	7.832E-10	7.148	1.430	9.625E-12	28.811	5.762	6.304E-10	-9.341	0.000	0.000E+00	19.142	3.828	1.849E-10	30.070	6.014	7.166E-10	30.734	6.147	7.651E-10
480	32.542	6.508	9.083E-10	44.743	8.949	2.361E-09	-32.782	0.000	0.000E+00	63.627	12.725	6.789E-09	23.006	4.601	3.209E-10	50.912	10.182	3.478E-09	31.929	6.386	8.579E-10
481	8.400	1.680	1.562E-11	125.327	25.065	5.188E-08	32.956	6.591	9.434E-10	43.361	8.672	2.149E-09	-37.005	0.000	0.000E+00	5.032	1.006	3.357E-12	65.875	13.175	7.534E-09
482	41.049	8.210	1.823E-09	130.745	26.149	5.891E-08	9.002	1.800	1.923E-11	136.197	27.239	6.659E-08	60.208	12.042	5.753E-09	-8.381	0.000	0.000E+00	36.108	7.222	1.241E-09
483	5.339	1.068	4.011E-12	31.470	6.294	8.214E-10	32.429	6.486	8.989E-10	122.013	24.403	4.787E-08	83.519	16.704	1.536E-08	74.604	14.921	1.094E-08	26.279	5.256	4.783E-10
484	28.810	5.762	6.303E-10	34.374	6.875	1.070E-09	31.053	6.211	7.892E-10	-50.807	0.000	0.000E+00	8.429	1.686	1.579E-11	28.885	5.777	6.352E-10	-22.952	0.000	0.000E+00
485	-3.816	0.000	0.000E+00	5.391	1.078	4.129E-12	37.045	7.409	1.340E-09	34.468	6.894	1.079E-09	30.829	6.166	7.723E-10	19.741	3.948	2.028E-10	5.158	1.032	3.616E-12

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
486	40.141	8.028	1.705E-09	28.520	5.704	6.114E-10	-25.841	0.000	0.000E+00	-5.399	0.000	0.000E+00	35.718	7.144	1.201E-09	36.620	7.324	1.294E-09	27.404	5.481	5.424E-10
487	25.550	5.110	4.396E-10	4.404	0.881	2.251E-12	27.953	5.591	5.757E-10	125.303	25.061	5.185E-08	33.997	6.799	1.036E-09	23.907	4.781	3.602E-10	39.274	7.855	1.597E-09
488	115.475	23.095	4.058E-08	8.879	1.776	1.845E-11	32.730	6.546	9.241E-10	-20.721	0.000	0.000E+00	31.542	6.308	8.271E-10	34.792	6.958	1.110E-09	43.656	8.731	2.193E-09
489	159.952	31.990	1.079E-07	30.452	6.090	7.443E-10	10.358	2.072	2.929E-11	9.706	1.941	2.410E-11	9.673	1.935	2.385E-11	8.522	1.704	1.631E-11	13.259	2.652	6.143E-11
490	11.595	2.319	4.109E-11	13.711	2.742	6.794E-11	30.557	6.111	7.520E-10	18.817	3.763	1.756E-10	-24.898	0.000	0.000E+00	11.687	2.337	4.207E-11	17.783	3.557	1.482E-10
491	71.426	14.285	9.604E-09	-26.072	0.000	0.000E+00	63.093	12.619	6.620E-09	28.127	5.625	5.865E-10	-6.729	0.000	0.000E+00	33.090	6.618	9.549E-10	32.977	6.595	9.452E-10
492	119.958	23.992	4.550E-08	34.553	6.911	1.087E-09	39.602	7.920	1.637E-09	7.611	1.522	1.162E-11	105.681	21.136	3.111E-08	25.615	5.123	4.430E-10	45.718	9.144	2.518E-09
493	33.122	6.624	9.577E-10	-6.702	0.000	0.000E+00	28.232	5.646	5.931E-10	33.205	6.641	9.649E-10	115.936	23.187	4.107E-08	63.531	12.706	6.758E-09	28.353	5.671	6.008E-10
494	5.626	1.125	4.694E-12	18.986	3.797	1.804E-10	13.075	2.615	5.891E-11	30.770	6.154	7.679E-10	35.949	7.190	1.224E-09	33.111	6.622	9.568E-10	39.073	7.815	1.572E-09
495	26.299	5.260	4.794E-10	41.971	8.394	1.949E-09	36.016	7.203	1.231E-09	28.594	5.719	6.162E-10	-41.444	0.000	0.000E+00	35.432	7.086	1.172E-09	114.853	22.971	3.993E-08
496	23.702	4.740	3.509E-10	32.474	6.495	9.026E-10	60.632	12.126	5.875E-09	30.658	6.132	7.595E-10	33.607	6.721	1.000E-09	9.192	1.838	2.047E-11	111.581	22.316	3.662E-08
497	7.876	1.575	1.288E-11	28.331	5.666	5.994E-10	5.186	1.037	3.675E-12	28.734	5.747	6.253E-10	8.621	1.724	1.689E-11	32.171	6.434	8.776E-10	25.455	5.091	4.347E-10
498	31.803	6.361	8.478E-10	12.897	2.579	5.654E-11	27.858	5.572	5.698E-10	-4.790	0.000	0.000E+00	35.428	7.086	1.172E-09	5.266	1.053	3.848E-12	24.182	4.836	3.727E-10
499	34.292	6.858	1.063E-09	33.540	6.708	9.945E-10	61.800	12.360	6.221E-09	31.004	6.201	7.855E-10	31.535	6.307	8.265E-10	30.920	6.184	7.791E-10	33.737	6.747	1.012E-09
500	8.592	1.718	1.672E-11	-23.524	0.000	0.000E+00	8.845	1.769	1.824E-11	34.912	6.982	1.121E-09	35.540	7.108	1.183E-09	30.010	6.002	7.123E-10	35.427	7.085	1.172E-09
501	26.144	5.229	4.710E-10	30.539	6.108	7.507E-10	58.886	11.777	5.382E-09	21.214	4.243	2.516E-10	4.672	0.934	2.687E-12	30.384	6.077	7.393E-10	30.453	6.091	7.444E-10
502	25.047	5.009	4.142E-10	29.594	5.919	6.831E-10	-58.783	0.000	0.000E+00	6.468	1.294	7.131E-12	-4.724	0.000	0.000E+00	36.216	7.243	1.252E-09	35.765	7.153	1.206E-09
503	27.076	5.415	5.232E-10	19.875	3.975	2.069E-10	21.245	4.249	2.527E-10	61.128	12.226	6.020E-09	17.486	3.497	1.409E-10	-9.813	0.000	0.000E+00	59.334	11.867	5.505E-09
504	34.783	6.957	1.109E-09	-15.391	0.000	0.000E+00	-18.141	0.000	0.000E+00	10.053	2.011	2.678E-11	10.634	2.127	3.170E-11	38.620	7.724	1.518E-09	22.161	4.432	2.869E-10
505	-4.680	0.000	0.000E+00	34.401	6.880	1.073E-09	31.836	6.367	8.504E-10	36.679	7.336	1.301E-09	24.602	4.920	3.925E-10	8.761	1.752	1.772E-11	-6.785	0.000	0.000E+00
506	21.319	4.264	2.554E-10	33.798	6.760	1.018E-09	32.994	6.599	9.466E-10	34.020	6.804	1.038E-09	41.170	8.234	1.839E-09	-8.355	0.000	0.000E+00	8.553	1.711	1.649E-11
507	33.305	6.661	9.737E-10	27.705	5.541	5.605E-10	25.879	5.176	4.568E-10	30.142	6.028	7.217E-10	6.447	1.289	7.064E-12	13.848	2.770	7.000E-11	35.623	7.125	1.191E-09
508	31.837	6.367	8.505E-10	6.861	1.372	8.512E-12	40.718	8.144	1.779E-09	-21.942	0.000	0.000E+00	47.858	9.572	2.889E-09	-6.993	0.000	0.000E+00	33.369	6.674	9.793E-10
509	42.468	8.494	2.019E-09	19.327	3.865	1.903E-10	25.751	5.150	4.501E-10	39.926	7.985	1.677E-09	33.745	6.749	1.013E-09	5.955	1.191	5.567E-12	28.300	5.660	5.974E-10
510	76.998	15.400	1.203E-08	116.678	23.336	4.187E-08	29.697	5.939	6.903E-10	34.959	6.992	1.126E-09	-6.034	0.000	0.000E+00	100.884	20.177	2.706E-08	68.184	13.637	8.355E-09
511	31.946	6.389	8.593E-10	36.558	7.312	1.288E-09	39.163	7.833	1.583E-09	38.761	7.752	1.535E-09	16.611	3.322	1.208E-10	25.335	5.067	4.286E-10	197.031	39.406	2.016E-07
512	23.717	4.743	3.516E-10	35.588	7.118	1.188E-09	117.811	23.562	4.310E-08	33.917	6.783	1.028E-09	128.622	25.724	5.608E-08	3.687	0.737	1.321E-12	32.361	6.472	8.932E-10
513	32.609	6.522	9.139E-10	-4.288	0.000	0.000E+00	11.598	2.320	4.112E-11	41.229	8.246	1.847E-09	5.337	1.067	4.008E-12	36.393	7.279	1.270E-09	37.519	7.504	1.392E-09
514	33.030	6.606	9.498E-10	131.671	26.334	6.017E-08	34.435	6.887	1.076E-09	6.261	1.252	6.470E-12	32.855	6.571	9.348E-10	34.180	6.836	1.052E-09	36.306	7.261	1.261E-09
515	11.900	2.380	4.441E-11	35.399	7.080	1.169E-09	29.092	5.818	6.490E-10	10.003	2.001	2.638E-11	26.708	5.342	5.021E-10	4.543	0.909	2.471E-12	6.195	1.239	6.268E-12
516	-5.584	0.000	0.000E+00	14.092	2.818	7.375E-11	36.221	7.244	1.253E-09	26.141	5.228	4.708E-10	39.505	7.901	1.625E-09	21.129	4.226	2.486E-10	26.232	5.246	4.758E-10
517	33.528	6.706	9.934E-10	33.834	6.767	1.021E-09	66.983	13.397	7.921E-09	30.003	6.001	7.118E-10	29.764	5.953	6.950E-10	60.306	12.061	5.781E-09	64.386	12.877	7.035E-09
518	28.046	5.609	5.814E-10	7.887	1.577	1.293E-11	32.813	6.563	9.312E-10	34.241	6.848	1.058E-09	35.015	7.003	1.131E-09	35.184	7.037	1.148E-09	30.013	6.003	7.126E-10
519	68.187	13.637	8.356E-09	37.884	7.577	1.433E-09	24.362	4.872	3.811E-10	26.932	5.386	5.149E-10	6.751	1.350	8.109E-12	41.295	8.259	1.856E-09	-3.081	0.000	0.000E+00
520	34.334	6.867	1.067E-09	32.984	6.597	9.458E-10	9.032	1.806	1.942E-11	26.016	5.203	4.641E-10	112.889	22.578	3.792E-08	113.890	22.778	3.894E-08	38.728	7.746	1.531E-09
521	-38.306	0.000	0.000E+00	13.301	2.660	6.203E-11	37.742	7.548	1.417E-09	55.819	11.164	4.584E-09	113.396	22.679	3.843E-08	41.480	8.296	1.881E-09	60.109	12.022	5.724E-09
522	30.355	6.071	7.372E-10	4.942	0.988	3.182E-12	65.003	13.001	7.239E-09	49.805	9.961	3.256E-09	44.642	8.928	2.345E-09	32.785	6.557	9.288E-10	35.175	7.035	1.147E-09
523	73.976	14.795	1.067E-08	31.732	6.346	8.422E-10	33.193	6.639	9.639E-10	125.222	25.044	5.175E-08	2.943	0.589	6.716E-13	-2.805	0.000	0.000E+00	13.523	2.705	6.518E-11
524	31.028	6.206	7.873E-10	29.397	5.879	6.696E-10	27.654	5.531	5.574E-10	-27.129	0.000	0.000E+00	41.093	8.219	1.829E-09	33.366	6.673	9.790E-10	23.482	4.696	3.413E-10
525	35.796	7.159	1.209E-09	107.784	21.557	3.300E-08	46.403	9.281	2.633E-09	5.431	1.086	4.223E-12	26.962	5.392	5.166E-10	34.776	6.955	1.108E-09	32.934	6.587	9.415E-10
526	36.156	7.231	1.246E-09	24.826	4.965	4.033E-10	-6.066	0.000	0.000E+00	112.491	22.498	3.752E-08	-4.031	0.000	0.000E+00	23.875	4.775	3.587E-10	24.905	4.981	4.072E-10
527	21.610	4.322	2.660E-10	34.085	6.817	1.044E-09	30.132	6.026	7.211E-10	33.986	6.797	1.035E-09	58.861	11.772	5.375E-09	28.538	5.708	6.126E-10	33.464	6.693	9.877E-10
528	121.569	24.314	4.735E-08	6.085	1.217	5.938E-12	25.721	5.144	4.485E-10	24.736	4.947	3.989E-10	31.593	6.319	8.311E-10	34.057	6.811	1.041E-09	31.282	6.256	8.068E-10
529	55.274	11.055	4.451E-09	11.731	2.346	4.255E-11	27.091	5.418	5.240E-10	66.537	13.307	7.764E-09	118.151	23.630	4.347E-08	-8.779	0.000	0.000E+00	34.223	6.845	1.056E-09
530	35.641	7.128	1.193E-09	-25.805	0.000	0.000E+00	45.118	9.024	2.421E-09	30.017	6.003	7.128E-10	26.440	5.288	4.871E-10	30.126	6.025	7.207E-10	7.038	1.408	9.188E-12

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
531	28.470	5.694	6.082E-10	29.886	5.977	7.036E-10	6.858	1.372	8.500E-12	29.458	5.892	6.738E-10	121.031	24.206	4.673E-08	40.025	8.005	1.690E-09	25.496	5.099	4.368E-10
532	34.138	6.828	1.049E-09	4.188	0.838	1.936E-12	20.595	4.119	2.303E-10	38.201	7.640	1.469E-09	36.070	7.214	1.237E-09	11.052	2.210	3.558E-11	33.859	6.772	1.023E-09
533	4.300	0.860	2.096E-12	40.488	8.098	1.749E-09	25.986	5.197	4.625E-10	31.838	6.368	8.506E-10	28.019	5.604	5.798E-10	120.503	24.101	4.612E-08	31.590	6.318	8.309E-10
534	37.011	7.402	1.336E-09	61.395	12.279	6.099E-09	117.074	23.415	4.229E-08	-5.213	0.000	0.000E+00	29.714	5.943	6.915E-10	6.466	1.293	7.125E-12	-24.428	0.000	0.000E+00
535	32.196	6.439	8.796E-10	120.052	24.010	4.560E-08	29.643	5.929	6.865E-10	44.776	8.955	2.366E-09	4.795	0.959	2.906E-12	40.102	8.020	1.700E-09	30.795	6.159	7.697E-10
536	22.160	4.432	2.868E-10	-38.570	0.000	0.000E+00	107.278	21.456	3.254E-08	30.884	6.177	7.764E-10	57.705	11.541	5.064E-09	11.267	2.253	3.770E-11	16.189	3.238	1.118E-10
537	110.858	22.172	3.591E-08	23.426	4.685	3.388E-10	42.752	8.550	2.060E-09	9.688	1.938	2.397E-11	4.400	0.880	2.245E-12	40.123	8.025	1.702E-09	24.160	4.832	3.717E-10
538	35.389	7.078	1.168E-09	27.366	5.473	5.402E-10	32.244	6.449	8.836E-10	31.656	6.331	8.361E-10	53.100	10.620	3.946E-09	5.306	1.061	3.936E-12	41.033	8.207	1.821E-09
539	7.185	1.437	9.778E-12	33.272	6.654	9.708E-10	30.262	6.052	7.304E-10	29.439	5.888	6.724E-10	38.644	7.729	1.521E-09	38.282	7.656	1.479E-09	39.521	7.904	1.627E-09
540	31.856	6.371	8.521E-10	104.344	20.869	2.994E-08	-3.886	0.000	0.000E+00	27.637	5.527	5.564E-10	33.882	6.776	1.025E-09	33.775	6.755	1.015E-09	72.598	14.520	1.008E-08
541	38.496	7.699	1.504E-09	36.571	7.314	1.289E-09	62.736	12.547	6.508E-09	27.459	5.492	5.457E-10	226.683	45.337	3.070E-07	-5.822	0.000	0.000E+00	35.869	7.174	1.216E-09
542	33.978	6.796	1.034E-09	65.928	13.186	7.553E-09	-4.702	0.000	0.000E+00	36.659	7.332	1.298E-09	35.917	7.183	1.221E-09	31.749	6.350	8.435E-10	141.880	28.376	7.528E-08
543	81.223	16.245	1.412E-08	29.201	5.840	6.563E-10	38.196	7.639	1.469E-09	32.948	6.590	9.427E-10	66.656	13.331	7.806E-09	28.543	5.709	6.129E-10	17.209	3.442	1.343E-10
544	-41.261	0.000	0.000E+00	40.396	8.079	1.737E-09	21.520	4.304	2.627E-10	-41.984	0.000	0.000E+00	77.663	15.533	1.235E-08	128.931	25.786	5.649E-08	27.214	5.443	5.312E-10
545	27.432	5.486	5.441E-10	4.957	0.991	3.210E-12	5.911	1.182	5.444E-12	35.387	7.077	1.168E-09	127.832	25.566	5.506E-08	11.319	2.264	3.822E-11	12.353	2.471	4.968E-11
546	-6.091	0.000	0.000E+00	38.139	7.628	1.462E-09	24.956	4.991	4.096E-10	6.241	1.248	6.407E-12	-3.778	0.000	0.000E+00	7.535	1.507	1.128E-11	3.999	0.800	1.685E-12
547	70.495	14.099	9.234E-09	7.152	1.430	9.640E-12	6.680	1.336	7.855E-12	26.756	5.351	5.049E-10	27.504	5.501	5.484E-10	25.981	5.196	4.622E-10	27.587	5.517	5.534E-10
548	48.979	9.796	3.097E-09	32.609	6.522	9.139E-10	36.391	7.278	1.270E-09	217.574	43.515	2.715E-07	6.891	1.378	8.624E-12	34.175	6.835	1.052E-09	27.553	5.511	5.513E-10
549	-4.732	0.000	0.000E+00	105.233	21.047	3.071E-08	208.558	41.712	2.391E-07	5.200	1.040	3.705E-12	61.669	12.334	6.182E-09	42.231	8.446	1.985E-09	29.017	5.803	6.439E-10
550	77.502	15.500	1.227E-08	26.620	5.324	4.972E-10	49.160	9.832	3.131E-09	73.572	14.714	1.050E-08	23.012	4.602	3.212E-10	33.158	6.632	9.609E-10	115.853	23.171	4.098E-08
551	-8.852	0.000	0.000E+00	-10.587	0.000	0.000E+00	64.475	12.895	7.064E-09	27.862	5.572	5.701E-10	36.087	7.217	1.239E-09	36.390	7.278	1.270E-09	-21.095	0.000	0.000E+00
552	31.324	6.265	8.101E-10	36.530	7.306	1.285E-09	22.750	4.550	3.104E-10	113.760	22.752	3.880E-08	26.425	5.285	4.863E-10	208.852	41.770	2.401E-07	37.734	7.547	1.416E-09
553	33.472	6.694	9.884E-10	37.708	7.542	1.413E-09	6.714	1.343	7.977E-12	28.434	5.687	6.059E-10	24.729	4.946	3.986E-10	26.276	5.255	4.782E-10	38.065	7.613	1.454E-09
554	71.403	14.281	9.595E-09	32.933	6.587	9.414E-10	65.593	13.119	7.438E-09	-33.603	0.000	0.000E+00	38.170	7.634	1.466E-09	32.921	6.584	9.404E-10	37.998	7.600	1.446E-09
555	33.737	6.747	1.012E-09	31.122	6.224	7.945E-10	26.199	5.240	4.739E-10	37.267	7.453	1.364E-09	27.882	5.576	5.713E-10	123.205	24.641	4.929E-08	30.862	6.172	7.748E-10
556	31.845	6.369	8.511E-10	37.482	7.496	1.388E-09	38.418	7.684	1.494E-09	33.717	6.743	1.010E-09	29.157	5.831	6.533E-10	20.054	4.011	2.126E-10	38.312	7.662	1.482E-09
557	36.477	7.295	1.279E-09	22.235	4.447	2.897E-10	9.525	1.905	2.277E-11	15.116	3.023	9.103E-11	33.797	6.759	1.017E-09	7.125	1.425	9.534E-12	35.857	7.171	1.215E-09
558	25.988	5.198	4.626E-10	34.716	6.943	1.103E-09	35.401	7.080	1.169E-09	37.173	7.435	1.354E-09	93.214	18.643	2.135E-08	20.408	4.082	2.240E-10	-32.618	0.000	0.000E+00
559	31.124	6.225	7.947E-10	31.791	6.358	8.469E-10	25.049	5.010	4.143E-10	8.074	1.615	1.387E-11	29.105	5.821	6.498E-10	38.243	7.649	1.474E-09	36.482	7.296	1.280E-10
560	-5.570	0.000	0.000E+00	23.732	4.746	3.523E-10	124.736	24.947	5.115E-08	33.723	6.745	1.011E-09	30.883	6.177	7.764E-10	28.411	5.682	6.044E-10	30.566	6.113	7.526E-10
561	115.277	23.055	4.038E-08	-32.079	0.000	0.000E+00	28.807	5.761	6.300E-10	86.479	17.296	1.705E-08	33.471	6.694	9.884E-10	49.453	9.891	3.188E-09	37.038	7.408	1.339E-09
562	28.747	5.749	6.261E-10	-3.453	0.000	0.000E+00	19.470	3.894	1.945E-10	25.539	5.108	4.390E-10	46.173	9.235	2.595E-09	29.777	5.955	6.959E-10	-20.104	0.000	0.000E+00
563	74.998	15.000	1.112E-08	69.936	13.987	9.016E-09	54.191	10.838	4.194E-09	28.839	5.768	6.321E-10	20.940	4.188	2.420E-10	34.392	6.878	1.072E-09	29.411	5.882	6.705E-10
564	28.846	5.769	6.326E-10	43.908	8.782	2.231E-09	-5.240	0.000	0.000E+00	37.054	7.411	1.341E-09	34.354	6.871	1.069E-09	35.634	7.127	1.193E-09	31.290	6.258	8.074E-10
565	9.597	1.919	2.330E-11	33.580	6.716	9.980E-10	26.772	5.354	5.057E-10	38.010	7.602	1.447E-09	105.326	21.065	3.080E-08	6.297	1.259	6.582E-12	36.541	7.308	1.286E-09
566	34.466	6.893	1.079E-09	26.758	5.352	5.049E-10	77.790	15.558	1.241E-08	98.998	19.800	2.557E-08	33.830	6.766	1.020E-09	27.277	5.455	5.349E-10	36.122	7.224	1.242E-09
567	39.384	7.877	1.610E-09	-32.923	0.000	0.000E+00	25.799	5.160	4.526E-10	18.734	3.747	1.733E-10	31.501	6.300	8.239E-10	40.559	8.112	1.759E-09	15.980	3.196	1.076E-10
568	28.254	5.651	5.945E-10	26.665	5.333	4.997E-10	35.150	7.030	1.145E-09	-29.220	0.000	0.000E+00	1.551	0.310	9.837E-14	30.386	6.077	7.395E-10	60.365	12.073	5.797E-09
569	33.075	6.615	9.536E-10	39.581	7.916	1.634E-09	44.083	8.817	2.258E-09	-7.418	0.000	0.000E+00	6.188	1.238	6.245E-12	35.515	7.103	1.181E-09	28.350	5.670	6.005E-10
570	39.947	7.989	1.680E-09	33.752	6.750	1.013E-09	33.031	6.606	9.499E-10	34.649	6.930	1.096E-09	35.381	7.076	1.167E-09	35.463	7.093	1.175E-09	7.045	1.409	9.214E-12
571	32.696	6.539	9.212E-10	-27.718	0.000	0.000E+00	39.734	7.947	1.653E-09	9.332	1.866	2.142E-11	62.313	12.463	6.377E-09	5.043	1.009	3.381E-12	24.466	4.893	3.860E-10
572	29.786	5.957	6.965E-10	27.581	5.516	5.530E-10	34.216	6.843	1.056E-09	-21.795	0.000	0.000E+00	28.756	5.751	6.267E-10	37.480	7.496	1.388E-09	7.008	1.402	9.072E-12
573	-11.147	0.000	0.000E+00	37.663	7.533	1.408E-09	37.111	7.422	1.347E-09	62.834	12.567	6.539E-09	185.525	37.105	1.683E-07	-20.968	0.000	0.000E+00	6.587	1.317	7.532E-12
574	3.946	0.789	1.620E-12	38.247	7.649	1.475E-09	6.833	1.367	8.409E-12	24.388	4.878	3.823E-10	119.560	23.912	4.504E-08	6.057	1.211	5.857E-12	-6.380	0.000	0.000E+00
575	41.620	8.324	1.900E-09	5.405	1.081	4.162E-12	33.019	6.604	9.488E-10	17.779	3.556	1.481E-10	-58.939	0.000	0.000E+00	29.243	5.849	6.591E-10	33.001	6.600	9.472E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
576	31.440	6.288	8.191E-10	30.787	6.157	7.691E-10		0.000	0.000E+00	118.175	23.635	4.350E-08	21.492	4.298	2.616E-10	39.220	7.844	1.590E-09	29.103	5.821	6.497E-10
577	31.509	6.302	8.245E-10	69.836	13.967	8.977E-09	36.538	7.308	1.286E-09	54.793	10.959	4.336E-09	37.096	7.419	1.346E-09	91.666	18.333	2.030E-08	34.624	6.925	1.094E-09
578	19.439	3.888	1.936E-10	35.627	7.125	1.192E-09	35.171	7.034	1.147E-09	36.550	7.310	1.287E-09	-20.095	0.000	0.000E+00	-61.956	0.000	0.000E+00	61.922	12.384	6.258E-09
579	73.710	14.742	1.056E-08	101.642	20.328	2.768E-08	113.362	22.672	3.840E-08	40.390	8.078	1.737E-09	21.040	4.208	2.455E-10	45.334	9.067	2.456E-09	73.073	14.615	1.028E-08
580	31.730	6.346	8.420E-10	62.823	12.565	6.535E-09	33.374	6.675	9.798E-10	68.290	13.658	8.394E-09	28.494	5.699	6.098E-10	19.086	3.817	1.832E-10	30.717	6.143	7.639E-10
581	-17.393	0.000	0.000E+00	33.329	6.666	9.758E-10	39.493	7.899	1.623E-09	32.544	6.509	9.084E-10	-3.596	0.000	0.000E+00	8.578	1.716	1.664E-11	25.502	5.100	4.371E-10
582	38.271	7.654	1.477E-09	39.103	7.821	1.576E-09	29.981	5.996	7.103E-10	-2.819	0.000	0.000E+00	38.495	7.699	1.503E-09	40.701	8.140	1.777E-09	32.809	6.562	9.308E-10
583	38.542	7.708	1.509E-09	32.415	6.483	8.977E-10	-8.401	0.000	0.000E+00	13.436	2.687	6.394E-11	36.419	7.284	1.273E-09	27.410	5.482	5.428E-10	41.454	8.291	1.878E-09
584	33.632	6.726	1.003E-09	35.336	7.067	1.163E-09	24.851	4.970	4.045E-10	58.476	11.695	5.270E-09	27.718	5.544	5.613E-10	29.933	5.987	7.068E-10	24.630	4.926	3.938E-10
585	3.274	0.655	9.251E-13	32.144	6.429	8.754E-10	31.979	6.396	8.619E-10	15.899	3.180	1.059E-10	5.850	1.170	5.276E-12	33.633	6.727	1.003E-09	81.341	16.268	1.418E-08
586	31.971	6.394	8.613E-10	55.084	11.017	4.405E-09	30.003	6.001	7.118E-10	20.227	4.045	2.181E-10	35.348	7.070	1.164E-09	33.291	6.658	9.725E-10	49.356	9.871	3.169E-09
587	-23.951	0.000	0.000E+00	-51.277	0.000	0.000E+00	15.916	3.183	1.063E-10	-8.496	0.000	0.000E+00	28.072	5.614	5.831E-10	30.671	6.134	7.604E-10	5.707	1.141	4.898E-12
588	40.038	8.008	1.692E-09	62.436	12.487	6.415E-09	-8.653	0.000	0.000E+00	33.452	6.690	9.866E-10	32.574	6.515	9.109E-10	33.104	6.621	9.561E-10	3.089	0.618	7.769E-13
589	60.197	12.039	5.749E-09	33.441	6.688	9.857E-10	34.096	6.819	1.045E-09	53.531	10.706	4.043E-09	-5.591	0.000	0.000E+00	35.104	7.021	1.140E-09	38.005	7.601	1.447E-09
590	29.481	5.896	6.753E-10	32.289	6.458	8.872E-10	40.317	8.063	1.727E-09	11.941	2.388	4.487E-11	32.761	6.552	9.268E-10	56.289	11.258	4.701E-09	56.282	11.256	4.699E-09
591	6.510	1.302	7.270E-12	27.723	5.545	5.616E-10	34.684	6.937	1.100E-09	8.313	1.663	1.514E-11	-35.328	0.000	0.000E+00	63.349	12.670	6.700E-09	20.016	4.003	2.113E-10
592	34.427	6.885	1.075E-09	25.928	5.186	4.594E-10	31.312	6.262	8.091E-10	19.165	3.833	1.855E-10	38.308	7.662	1.482E-09	27.841	5.568	5.688E-10	-30.883	0.000	0.000E+00
593	33.369	6.674	9.793E-10	34.534	6.907	1.086E-09	31.964	6.393	8.607E-10	32.702	6.540	9.217E-10	34.963	6.993	1.126E-09	29.705	5.941	6.908E-10	11.611	2.322	4.125E-11
594	14.551	2.910	8.120E-11	137.830	27.566	6.901E-08	7.895	1.579	1.297E-11	6.166	1.233	6.179E-12	9.873	1.975	2.537E-11	34.406	6.881	1.073E-09	35.361	7.072	1.165E-09
595	-37.552	0.000	0.000E+00	-137.483	0.000	0.000E+00	38.597	7.719	1.515E-09	105.755	21.151	3.117E-08	36.500	7.300	1.282E-09	66.840	13.368	7.870E-09	-17.671	0.000	0.000E+00
596	33.384	6.677	9.806E-10	3.768	0.754	1.410E-12	10.551	2.110	3.096E-11	37.246	7.449	1.362E-09	120.592	24.118	4.622E-08	49.520	9.904	3.201E-09	26.280	5.256	4.784E-10
597	67.275	13.455	8.025E-09	25.579	5.116	4.411E-10	28.249	5.650	5.941E-10	67.908	13.582	8.254E-09	35.157	7.031	1.145E-09	6.810	1.362	8.325E-12	24.256	4.851	3.761E-10
598	9.074	1.815	1.969E-11	28.781	5.756	6.284E-10	41.488	8.298	1.882E-09	10.356	2.071	2.927E-11	110.971	22.194	3.602E-08	43.195	8.639	2.124E-09	35.694	7.139	1.199E-09
599	33.659	6.732	1.005E-09	69.114	13.823	8.701E-09	30.466	6.093	7.453E-10	37.632	7.526	1.405E-09	10.632	2.126	3.168E-11	9.132	1.826	2.007E-11	-7.353	0.000	0.000E+00
600	38.469	7.694	1.500E-09	30.653	6.131	7.591E-10	167.545	33.509	1.240E-07	73.312	14.662	1.039E-08	4.573	0.915	2.520E-12	29.591	5.918	6.829E-10	43.119	8.624	2.113E-09
601	32.170	6.434	8.775E-10	30.079	6.016	7.173E-10	27.414	5.483	5.430E-10	60.934	12.187	5.963E-09	31.236	6.247	8.033E-10	-38.121	0.000	0.000E+00	27.807	5.561	5.667E-10
602	34.683	6.937	1.100E-09	25.309	5.062	4.273E-10	8.121	1.624	1.412E-11	117.433	23.487	4.268E-08	111.511	22.302	3.655E-08	33.201	6.640	9.646E-10	68.219	13.644	8.368E-09
603	-8.258	0.000	0.000E+00	20.177	4.035	2.165E-10	32.830	6.566	9.326E-10	34.481	6.896	1.081E-09	45.149	9.030	2.426E-09	33.683	6.737	1.007E-09	128.840	25.768	5.637E-08
604	29.761	5.952	6.948E-10	-5.892	0.000	0.000E+00	29.556	5.911	6.805E-10	33.758	6.752	1.014E-09	38.467	7.693	1.500E-09	-8.097	0.000	0.000E+00	25.067	5.013	4.152E-10
605	34.432	6.886	1.076E-09	35.591	7.118	1.188E-09	177.859	35.572	1.483E-07	35.669	7.134	1.196E-09	106.847	21.369	3.215E-08	33.064	6.613	9.527E-10	15.746	3.149	1.029E-10
606	40.353	8.071	1.732E-09	29.470	5.894	6.746E-10	29.902	5.980	7.047E-10	-22.341	0.000	0.000E+00	35.559	7.112	1.185E-09	33.165	6.633	9.614E-10	-11.624	0.000	0.000E+00
607	36.007	7.201	1.230E-09	36.291	7.258	1.260E-09	5.372	1.074	4.085E-12	39.775	7.955	1.658E-09	36.693	7.339	1.302E-09	7.542	1.508	1.131E-11	-5.487	0.000	0.000E+00
608	12.019	2.404	4.576E-11	30.313	6.063	7.341E-10	40.389	8.078	1.736E-09	26.508	5.302	4.909E-10	29.836	5.967	7.000E-10	28.709	5.742	6.236E-10	35.156	7.031	1.145E-09
609	37.314	7.463	1.369E-09	18.650	3.730	1.710E-10	20.044	4.009	2.123E-10	72.738	14.548	1.014E-08	30.735	6.147	7.652E-10	6.121	1.224	6.043E-12	67.065	13.413	7.950E-09
610	30.842	6.168	7.732E-10	34.635	6.927	1.095E-09	37.393	7.479	1.378E-09	33.670	6.734	1.006E-09	-9.293	0.000	0.000E+00	39.239	7.848	1.592E-09	-22.303	0.000	0.000E+00
611	33.003	6.601	9.474E-10	-5.036	0.000	0.000E+00	32.576	6.515	9.112E-10	68.142	13.628	8.339E-09	99.390	19.878	2.588E-08	33.056	6.611	9.520E-10	29.619	5.924	6.849E-10
612	7.394	1.479	1.066E-11	38.760	7.752	1.535E-09	-9.428	0.000	0.000E+00	113.400	22.680	3.844E-08	10.646	2.129	3.180E-11	30.400	6.080	7.405E-10	36.566	7.313	1.289E-09
613	204.917	40.983	2.268E-07	36.854	7.371	1.319E-09	23.258	4.652	3.166E-10	70.700	14.140	9.314E-09	36.398	7.280	1.271E-09	-12.164	0.000	0.000E+00	35.134	7.027	1.143E-09
614	39.176	7.835	1.585E-09	58.997	11.799	5.412E-09	44.739	8.948	2.360E-09	23.049	4.610	3.227E-10	10.129	2.026	2.739E-11	35.628	7.126	1.192E-09	66.095	13.219	7.610E-09
615	65.211	13.042	7.309E-09	-27.947	0.000	0.000E+00	39.826	7.965	1.665E-09	13.133	2.627	5.970E-11	3.917	0.783	1.584E-12	7.791	1.558	1.246E-11	-45.672	0.000	0.000E+00
616	-5.634	0.000	0.000E+00	48.650	9.730	3.035E-09	14.862	2.972	8.652E-11	-22.931	0.000	0.000E+00	12.569	2.514	5.234E-11	6.179	1.236	6.218E-12	49.554	9.911	3.207E-09
617	42.911	8.582	2.083E-09	19.199	3.840	1.865E-10	11.920	2.384	4.464E-11	37.856	7.571	1.430E-09	29.975	5.995	7.099E-10	32.627	6.525	9.154E-10	36.093	7.219	1.239E-09
618	39.256	7.851	1.594E-09	38.142	7.628	1.463E-09	63.599	12.720	6.780E-09	6.003	1.201	5.702E-12	115.452	23.090	4.056E-08	42.890	8.578	2.080E-09	32.595	6.519	9.127E-10
619	24.004	4.801	3.645E-10	6.977	1.395	8.951E-12	36.993	7.399	1.334E-09	42.225	8.445	1.984E-09	34.763	6.953	1.107E-09	9.117	1.823	1.997E-11	33.364	6.673	9.789E-10
620	24.225	4.845	3.747E-10	-6.344	0.000	0.000E+00	35.091	7.018	1.139E-09	35.435	7.087	1.173E-09	45.684	9.137	2.513E-09	9.021	1.804	1.935E-11	33.497	6.699	

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
621	-4.923	0.000	0.000E+00	-4.428	0.000	0.000E+00	42.235	8.447	1.986E-09	29.454	5.891	6.735E-10	28.876	5.775	6.346E-10	71.708	14.342	9.719E-09	34.098	6.820	1.045E-09
622	33.133	6.627	9.587E-10	32.909	6.582	9.393E-10	40.122	8.024	1.702E-09	29.973	5.995	7.097E-10	19.503	3.901	1.955E-10	-5.172	0.000	0.000E+00	37.786	7.557	1.422E-09
623	29.213	5.843	6.571E-10	9.937	1.987	2.586E-11	35.644	7.129	1.194E-09	39.175	7.835	1.585E-09	-3.825	0.000	0.000E+00	44.450	8.890	2.315E-09	39.116	7.823	1.577E-09
624	64.758	12.952	7.158E-09	-7.756	0.000	0.000E+00	33.356	6.671	9.782E-10	107.874	21.575	3.309E-08	33.732	6.746	1.012E-09	-43.286	0.000	0.000E+00	32.313	6.463	8.893E-10
625	-3.954	0.000	0.000E+00	44.550	8.910	2.330E-09	27.562	5.512	5.519E-10	62.041	12.408	6.294E-09	41.791	8.358	1.924E-09	6.547	1.309	7.398E-12	5.548	1.110	4.502E-12
626	14.003	2.801	7.237E-11	35.084	7.017	1.138E-09	31.657	6.331	8.362E-10	-25.861	0.000	0.000E+00	31.161	6.232	7.975E-10	40.424	8.085	1.741E-09	5.299	1.060	3.921E-12
627	3.851	0.770	1.505E-12	37.373	7.475	1.376E-09	28.062	5.612	5.824E-10	84.116	16.823	1.569E-08	62.050	12.410	6.297E-09	3.969	0.794	1.648E-12	-7.001	0.000	0.000E+00
628	39.082	7.816	1.573E-09	-23.352	0.000	0.000E+00	59.186	11.837	5.465E-09	-8.144	0.000	0.000E+00	4.024	0.805	1.717E-12	11.819	2.364	4.352E-11	66.517	13.303	7.757E-09
629	32.474	6.495	9.026E-10	29.746	5.949	6.937E-10	37.914	7.583	1.436E-09	30.637	6.127	7.579E-10	33.070	6.614	9.533E-10	61.640	12.328	6.173E-09	35.963	7.193	1.226E-09
630	65.844	13.169	7.524E-09	-22.367	0.000	0.000E+00	36.116	7.223	1.242E-09	31.411	6.282	8.168E-10	29.020	5.804	6.441E-10	6.467	1.293	7.129E-12	60.093	12.019	5.720E-09
631	39.766	7.953	1.657E-09	-25.713	0.000	0.000E+00	40.512	8.102	1.752E-09	-8.074	0.000	0.000E+00	-29.020	0.000	0.000E+00	16.515	3.303	1.187E-10	33.649	6.730	1.004E-09
632	33.092	6.618	9.551E-10	32.887	6.577	9.375E-10	24.154	4.831	3.714E-10	29.359	5.872	6.670E-10	37.367	7.473	1.375E-09	32.832	6.566	9.328E-10	31.325	6.265	8.101E-10
633	-18.946	0.000	0.000E+00	22.560	4.512	3.026E-10	5.528	1.106	4.453E-12	24.837	4.967	4.038E-10	7.224	1.445	9.936E-12	68.608	13.722	8.512E-09	72.550	14.510	1.006E-08
634	10.299	2.060	2.879E-11	27.465	5.493	5.461E-10	54.878	10.976	4.356E-09	30.452	6.090	7.443E-10	34.177	6.835	1.052E-09	29.196	5.839	6.559E-10	28.502	5.700	6.102E-10
635	25.352	5.070	4.295E-10	45.700	9.140	2.516E-09	65.454	13.091	7.391E-09	33.652	6.730	1.004E-09	5.871	1.174	5.333E-12	-6.787	0.000	0.000E+00	26.128	5.226	4.701E-10
636	19.919	3.984	2.083E-10	28.613	5.723	6.174E-10	33.833	6.767	1.021E-09	5.875	1.175	5.345E-12	32.473	6.495	9.026E-10	28.552	5.710	6.135E-10	66.142	13.228	7.627E-09
637	6.328	1.266	6.679E-12	7.610	1.522	1.162E-11	38.030	7.606	1.450E-09	33.443	6.689	9.858E-10	-29.730	0.000	0.000E+00	8.041	1.608	1.370E-11	39.514	7.903	1.626E-09
638	7.879	1.576	1.289E-11	29.436	5.887	6.723E-10	5.063	1.013	3.420E-12	-28.550	0.000	0.000E+00	8.047	1.609	1.373E-11	28.754	5.751	6.266E-10	6.772	1.354	8.184E-12
639	4.938	0.988	3.173E-12	35.021	7.004	1.132E-09	39.196	7.839	1.587E-09	42.573	8.515	2.034E-09	24.960	4.992	4.099E-10	30.839	6.168	7.730E-10	27.650	5.530	5.572E-10
640	22.435	4.487	2.976E-10	32.231	6.446	8.825E-10	34.186	6.837	1.053E-09	-5.035	0.000	0.000E+00	24.182	4.836	3.727E-10	-7.834	0.000	0.000E+00	32.603	6.521	9.134E-10
641	-5.195	0.000	0.000E+00	25.910	5.182	4.585E-10	32.976	6.595	9.451E-10	7.067	1.413	9.303E-12	40.116	8.023	1.702E-09	32.297	6.459	8.880E-10	32.452	6.490	9.008E-10
642	36.850	7.370	1.319E-09	-38.988	0.000	0.000E+00	-5.605	0.000	0.000E+00	-6.864	0.000	0.000E+00	33.509	6.702	9.917E-10	6.062	1.212	5.870E-12	77.651	15.530	1.234E-08
643	10.760	2.152	3.284E-11	-4.570	0.000	0.000E+00	34.222	6.844	1.056E-09	33.816	6.763	1.019E-09	117.848	23.570	4.314E-08	8.992	1.798	1.916E-11	7.492	1.498	1.109E-11
644	9.199	1.840	2.052E-11	29.899	5.980	7.044E-10	21.963	4.393	2.792E-10	-30.924	0.000	0.000E+00	26.399	5.280	4.849E-10	29.293	5.859	6.625E-10	29.943	5.989	7.076E-10
645	63.721	12.744	6.819E-09	39.574	7.915	1.633E-09	7.365	1.473	1.053E-11	36.901	7.380	1.324E-09	31.666	6.333	8.369E-10	5.933	1.187	5.504E-12	23.474	4.695	3.409E-10
646	32.252	6.450	8.842E-10	22.295	4.459	2.921E-10	34.005	6.801	1.036E-09	-17.471	0.000	0.000E+00	44.167	8.833	2.271E-09	37.558	7.512	1.396E-09	5.077	1.015	3.449E-12
647	6.967	1.393	8.914E-12	5.359	1.072	4.057E-12	34.051	6.810	1.041E-09	-32.972	0.000	0.000E+00	-4.555	0.000	0.000E+00	31.505	6.301	8.242E-10	11.083	2.217	3.588E-11
648	20.652	4.130	2.322E-10	30.174	6.035	7.241E-10	-6.058	0.000	0.000E+00	20.893	4.179	2.404E-10	122.828	24.566	4.884E-08	34.934	6.987	1.124E-09	29.978	5.996	7.101E-10
649	69.922	13.984	9.010E-09	37.730	7.546	1.416E-09	3.761	0.752	1.402E-12	28.026	5.605	5.802E-10	37.912	7.582	1.436E-09	31.419	6.284	8.175E-10	32.972	6.594	9.448E-10
650	33.302	6.660	9.735E-10	63.572	12.714	6.771E-09	28.526	5.705	6.118E-10	8.837	1.767	1.819E-11	30.631	6.126	7.575E-10	-8.184	0.000	0.000E+00	33.770	6.754	1.015E-09
651	35.599	7.120	1.189E-09	-7.152	0.000	0.000E+00	10.622	2.124	3.159E-11	27.985	5.597	5.777E-10	37.294	7.459	1.367E-09	33.829	6.766	1.020E-09	8.246	1.649	1.478E-11
652	31.357	6.271	8.126E-10	6.064	1.213	5.877E-12	8.233	1.647	1.471E-11	109.007	21.801	3.414E-08	25.619	5.124	4.432E-10	30.719	6.144	7.641E-10	33.156	6.631	9.607E-10
653	43.080	8.616	2.107E-09	39.224	7.845	1.591E-09	37.343	7.469	1.373E-09	27.733	5.547	5.622E-10	29.846	5.969	7.007E-10	35.020	7.004	1.132E-09	28.442	5.688	6.064E-10
654	37.168	7.434	1.353E-09	33.629	6.726	1.002E-09	-36.910	0.000	0.000E+00	-31.297	0.000	0.000E+00	-7.349	0.000	0.000E+00	8.089	1.618	1.395E-11	18.393	3.679	1.640E-10
655	72.004	14.401	9.839E-09	30.334	6.067	7.357E-10	5.156	1.031	3.613E-12	7.900	1.580	1.300E-11	34.251	6.850	1.059E-09	22.954	4.591	3.188E-10	38.168	7.634	1.466E-09
656	-17.289	0.000	0.000E+00	7.581	1.516	1.148E-11	6.689	1.338	7.889E-12	38.872	7.774	1.548E-09	43.535	8.707	2.175E-09	25.499	5.100	4.370E-10	-26.161	0.000	0.000E+00
657	-4.073	0.000	0.000E+00	18.636	3.727	1.706E-10	30.148	6.030	7.222E-10	27.514	5.503	5.490E-10	25.841	5.168	4.548E-10	35.070	7.014	1.137E-09	-24.022	0.000	0.000E+00
658	18.021	3.604	1.543E-10	70.113	14.023	9.084E-09	5.172	1.034	3.646E-12	36.664	7.333	1.299E-09	7.413	1.483	1.074E-11	29.315	5.863	6.640E-10	20.018	4.004	2.114E-10
659	33.096	6.619	9.555E-10	57.381	11.476	4.980E-09	31.944	6.389	8.591E-10	64.808	12.962	7.174E-09	71.063	14.213	9.458E-09	35.969	7.194	1.227E-09	37.805	7.561	1.424E-09
660	36.074	7.215	1.237E-09	35.423	7.085	1.171E-09	22.981	4.596	3.199E-10	29.201	5.840	6.563E-10	35.825	7.165	1.212E-09	20.281	4.056	2.199E-10	31.924	6.385	8.575E-10
661	31.067	6.213	7.903E-10	59.169	11.834	5.460E-09	-6.254	0.000	0.000E+00	11.241	2.248	3.744E-11	3.696	0.739	1.331E-12	15.803	3.161	1.040E-10	69.815	13.963	8.969E-09
662	15.203	3.041	9.261E-11	7.554	1.511	1.136E-11	68.740	13.748	8.136E-10	26.172	5.234	4.725E-10	34.137	6.827	1.049E-09	32.956	6.591	9.435E-10	30.516	6.103	7.490E-10
663	6.580	1.316	7.509E-12	28.562	5.712	6.141E-10	31.086	6.217	7.918E-10	30.334	6.067	7.357E-10	202.840	40.568	2.200E-07	31.569	6.314	8.292E-10	-9.482	0.000	0.000E+00
664	32.872	6.574	9.362E-10	32.231	6.446	8.825E-10	12.885	2.577	5.638E-11	9.385	1.877	2.179E-11	-5.823	0.000	0.000E+00	29.168	5.834	6.541E-10	34.370	6.874	1.070E-09
665	35.006	7.001	1.131E-09	-6.641	0.000	0.000E+00	35.073	7.015	1.137E-09	-20.536	0.000	0.000E+00	28.763	5.753	6.272E-10	27.701	5.540	5.603E-10	-4.423	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
666	45.463	9.093	2.477E-09	11.507	2.301	4.015E-11	62.330	12.466	6.382E-09	93.332	18.666	2.143E-08	46.264	9.253	2.610E-09	32.830	6.566	9.326E-10	24.117	4.823	3.697E-10
667	31.150	6.230	7.967E-10	27.236	5.447	5.325E-10	28.351	5.670	6.006E-10	34.272	6.854	1.061E-09	31.980	6.396	8.620E-10	36.459	7.292	1.277E-09	13.142	2.628	5.983E-11
668	121.208	24.242	4.693E-08	22.557	4.511	3.025E-10	57.035	11.407	4.890E-09	5.161	1.032	3.622E-12	34.491	6.898	1.081E-09	31.368	6.274	8.135E-10	28.681	5.736	6.219E-10
669	28.473	5.695	6.084E-10	27.946	5.589	5.752E-10	26.946	5.389	5.157E-10	9.735	1.947	2.432E-11	32.821	6.564	9.318E-10	31.088	6.218	7.919E-10	81.513	16.303	1.427E-08
670	33.541	6.708	9.946E-10	36.770	7.354	1.310E-09	-9.356	0.000	0.000E+00	35.481	7.096	1.177E-09	8.219	1.644	1.463E-11	33.925	6.785	1.029E-09	16.386	3.277	1.160E-10
671	36.750	7.350	1.308E-09	8.841	1.768	1.821E-11	23.832	4.766	3.568E-10	40.619	8.124	1.766E-09	35.463	7.093	1.175E-09	27.073	5.415	5.230E-10	-3.327	0.000	0.000E+00
672	36.567	7.313	1.289E-09	31.846	6.369	8.513E-10	47.142	9.428	2.761E-09	31.409	6.282	8.167E-10	5.316	1.063	3.960E-12	35.562	7.112	1.185E-09	28.695	5.739	6.227E-10
673	36.763	7.353	1.310E-09	-5.922	0.000	0.000E+00	34.828	6.966	1.114E-09	49.122	9.824	3.124E-09	107.887	21.577	3.310E-08	28.970	5.794	6.408E-10	51.502	10.300	3.600E-09
674	28.749	5.750	6.263E-10	62.531	12.506	6.444E-09	5.194	1.039	3.693E-12	32.498	6.500	9.046E-10	7.399	1.480	1.068E-11	35.482	7.096	1.177E-09	34.077	6.815	1.043E-09
675	-9.047	0.000	0.000E+00	19.996	3.999	2.107E-10	29.913	5.983	7.054E-10	-23.833	0.000	0.000E+00	-3.236	0.000	0.000E+00	8.973	1.795	1.904E-11	14.172	2.834	7.502E-11
676	9.965	1.993	2.608E-11	43.006	8.601	2.096E-09	32.983	6.597	9.458E-10	52.039	10.408	3.714E-09	31.285	6.257	8.071E-10	25.867	5.173	4.562E-10	9.108	1.822	1.991E-11
677	5.176	1.035	3.655E-12	29.093	5.819	6.490E-10	25.182	5.036	4.209E-10	-80.259	0.000	0.000E+00	31.809	6.362	8.482E-10	28.647	5.729	6.196E-10	39.726	7.945	1.652E-09
678	36.094	7.219	1.239E-09	6.559	1.312	7.437E-12	16.787	3.357	1.247E-10	6.757	1.351	8.131E-12	5.289	1.058	3.899E-12	5.600	1.120	4.629E-12	-4.673	0.000	0.000E+00
679	31.405	6.281	8.163E-10	31.529	6.306	8.261E-10	45.746	9.149	2.523E-09	14.099	2.820	7.386E-11	33.347	6.669	9.774E-10	34.812	6.962	1.112E-09	28.860	5.772	6.336E-10
680	-6.241	0.000	0.000E+00	42.108	8.422	1.968E-09	24.631	4.926	3.939E-10	25.307	5.061	4.272E-10	8.336	1.667	1.527E-11	27.345	5.469	5.389E-10	65.753	13.151	7.493E-09
681	25.880	5.176	4.569E-10	19.889	3.978	2.074E-10	12.386	2.477	5.008E-11	-15.753	0.000	0.000E+00	38.470	7.694	1.501E-09	40.069	8.014	1.696E-09	35.350	7.070	1.164E-09
682	-21.652	0.000	0.000E+00	29.311	5.862	6.637E-10	28.871	5.774	6.343E-10	41.471	8.294	1.880E-09	6.349	1.270	6.745E-12	4.779	0.956	2.877E-12	27.098	5.420	5.244E-10
683	56.420	11.284	4.733E-09	48.832	9.766	3.069E-09	43.657	8.731	2.193E-09	69.906	13.981	9.004E-09	10.990	2.198	3.498E-11	31.867	6.373	8.529E-10	28.185	5.637	5.901E-10
684	31.994	6.399	8.632E-10	31.725	6.345	8.416E-10	34.671	6.934	1.098E-09	31.131	6.226	7.952E-10	40.089	8.018	1.698E-09	32.532	6.506	9.075E-10	210.642	42.128	2.463E-07
685	25.830	5.166	4.542E-10	33.614	6.723	1.001E-09	27.945	5.589	5.752E-10	37.400	7.480	1.379E-09	30.640	6.128	7.582E-10	31.504	6.301	8.241E-10	26.656	5.331	4.992E-10
686	29.127	5.825	6.513E-10	-8.434	0.000	0.000E+00	30.267	6.053	7.308E-10	35.923	7.185	1.222E-09	6.667	1.333	7.811E-12	9.675	1.935	2.387E-11	27.788	5.558	5.656E-10
687	31.178	6.236	7.988E-10	27.673	5.535	5.585E-10	-28.911	0.000	0.000E+00	5.817	1.163	5.187E-12	14.264	2.853	7.649E-11	27.817	5.563	5.673E-10	26.800	5.360	5.073E-10
688	35.620	7.124	1.191E-09	6.822	1.364	8.370E-12	28.709	5.742	6.236E-10	24.346	4.869	3.803E-10	33.939	6.788	1.030E-09	7.943	1.589	1.321E-11	30.619	6.124	7.566E-10
689	31.066	6.213	7.902E-10	-8.792	0.000	0.000E+00	5.982	1.196	5.643E-12	31.611	6.322	8.326E-10	31.501	6.300	8.239E-10	8.847	1.769	1.825E-11	29.180	5.836	6.548E-10
690	-13.513	0.000	0.000E+00	24.696	4.939	3.970E-10	33.344	6.669	9.771E-10	10.144	2.029	2.751E-11	-5.898	0.000	0.000E+00	45.875	9.175	2.545E-09	31.204	6.241	8.008E-10
691	42.341	8.468	2.001E-09	36.311	7.262	1.262E-09	16.382	3.276	1.159E-10	73.921	14.784	1.065E-08	36.476	7.295	1.279E-09	30.109	6.022	7.194E-10	35.541	7.108	1.183E-09
692	22.912	4.582	3.170E-10	35.341	7.068	1.163E-09	83.758	16.752	1.549E-08	29.456	5.891	6.736E-10	37.649	7.530	1.407E-09	30.926	6.185	7.796E-10	32.976	6.595	9.451E-10
693	3.177	0.635	8.455E-13	35.114	7.023	1.141E-09	29.661	5.932	6.878E-10	73.455	14.691	1.045E-08	30.320	6.064	7.346E-10	23.435	4.687	3.392E-10	-7.101	0.000	0.000E+00
694	29.092	5.818	6.490E-10	27.553	5.511	5.513E-10	29.644	5.929	6.866E-10	9.549	1.910	2.295E-11	-4.870	0.000	0.000E+00	36.805	7.361	1.314E-09	8.095	1.619	1.398E-11
695	-30.732	0.000	0.000E+00	33.396	6.679	9.817E-10	10.146	2.029	2.753E-11	62.036	12.407	6.292E-09	37.516	7.503	1.392E-09	29.383	5.877	6.686E-10	3.153	0.631	8.260E-13
696	30.348	6.070	7.367E-10	23.510	4.702	3.425E-10	7.292	1.458	1.022E-11	111.811	22.362	3.684E-08	37.088	7.418	1.345E-09	13.672	2.734	6.735E-11	14.284	2.857	7.681E-11
697	26.949	5.390	5.158E-10	7.938	1.588	1.318E-11	32.118	6.424	8.733E-10	32.930	6.586	9.412E-10	32.770	6.554	9.275E-10	-8.058	0.000	0.000E+00	33.410	6.682	9.829E-10
698	27.950	5.590	5.755E-10	80.900	16.180	1.396E-08	35.006	7.001	1.131E-09	7.313	1.463	1.031E-11	36.651	7.330	1.298E-09	37.482	7.496	1.388E-09	8.289	1.658	1.501E-11
699	10.432	2.086	2.992E-11	30.637	6.127	7.579E-10	42.404	8.481	2.010E-09	33.095	6.619	9.554E-10	4.295	0.859	2.088E-12	-3.720	0.000	0.000E+00	7.983	1.597	1.341E-11
700	27.534	5.507	5.502E-10	32.747	6.549	9.256E-10	32.437	6.487	8.995E-10	-34.076	0.000	0.000E+00	5.992	1.198	5.670E-12	25.721	5.144	4.485E-10	35.052	7.010	1.135E-09
701	35.630	7.126	1.192E-09	34.220	6.844	1.056E-09	25.229	5.046	4.233E-10	29.124	5.825	6.511E-10	6.813	1.363	8.335E-12	-10.696	0.000	0.000E+00	32.258	6.452	8.847E-10
702	35.064	7.013	1.136E-09	45.319	9.064	2.453E-09	36.926	7.385	1.327E-09	70.370	14.074	9.184E-09	31.640	6.328	8.348E-10	36.599	7.320	1.292E-09	32.397	6.479	8.962E-10
703	4.138	0.828	1.867E-12	35.336	7.067	1.163E-09	23.266	4.653	3.319E-10	4.456	0.891	2.331E-12	7.435	1.487	1.083E-11	-33.373	0.000	0.000E+00	31.820	6.364	8.492E-10
704	33.560	6.712	9.962E-10	32.463	6.493	9.016E-10	53.714	10.743	4.085E-09	26.527	5.305	4.920E-10	28.427	5.685	6.055E-10	-38.793	0.000	0.000E+00	30.598	6.120	7.550E-10
705	-24.968	0.000	0.000E+00	68.406	13.681	8.437E-09	34.760	6.952	1.107E-09	36.492	7.298	1.281E-09	30.847	6.169	7.736E-10	43.191	8.638	2.124E-09	34.575	6.915	1.089E-09
706	35.245	7.049	1.154E-09	33.353	6.671	9.779E-10	6.241	1.248	6.408E-12	36.501	7.300	1.282E-09	-6.617	0.000	0.000E+00	-4.650	0.000	0.000E+00	32.888	6.578	9.376E-10
707	8.197	1.639	1.452E-11	19.404	3.881	1.926E-10	35.484	7.097	1.178E-09	7.546	1.509	1.133E-11	37.772	7.554	1.420E-09	12.821	2.564	5.555E-11	-36.563	0.000	0.000E+00
708	-4.760	0.000	0.000E+00	73.108	14.622	1.030E-08	-27.633	0.000	0.000E+00	76.572	15.314	1.183E-08	39.735	7.947	1.653E-09	23.265	4.653	3.319E-10	24.853	4.971	4.046E-10
709	24.209	4.842	3.740E-10	-47.018	0.000	0.000E+00	37.135	7.427	1.350E-09	26.629	5.326	4.977E-10	73.158	14.632	1.032E-08	36.265	7.253	1.257E-09	-29.769	0.000	0.000E+00
710	6.758	1.352	8.133E-12	36.602	7.320	1.292E-09	36.433	7.287	1.275E-09	30.528	6.106	7.499E-10	37.224	7.445	1.359E-09	30.577	6.115	7.535E-10	5.964	1.193	5.591E-12

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
711	33.219	6.644	9.661E-10	11.983	2.397	4.535E-11	51.928	10.386	3.691E-09	5.052	1.010	3.398E-12	49.612	9.922	3.219E-09	8.270	1.654	1.491E-11	35.194	7.039	1.149E-09
712	-23.539	0.000	0.000E+00	31.147	6.229	7.964E-10	-8.235	0.000	0.000E+00	130.934	26.187	5.916E-08	10.346	2.069	2.919E-11	4.460	0.892	2.338E-12	39.820	7.964	1.664E-09
713	40.095	8.019	1.699E-09	33.231	6.646	9.672E-10	5.924	1.185	5.480E-12	39.705	7.941	1.650E-09	118.561	23.712	4.393E-08	32.193	6.439	8.794E-10	78.701	15.740	1.285E-08
714	31.886	6.377	8.545E-10	12.762	2.552	5.479E-11	-10.244	0.000	0.000E+00	32.855	6.571	9.348E-10	34.746	6.949	1.106E-09	35.146	7.029	1.144E-09	28.532	5.706	6.122E-10
715	9.218	1.844	2.064E-11	28.908	5.782	6.367E-10	30.265	6.053	7.307E-10	5.595	1.119	4.617E-12	6.375	1.275	6.828E-12	29.634	5.927	6.859E-10	31.409	6.282	8.167E-10
716	31.600	6.320	8.317E-10	24.731	4.946	3.987E-10	31.919	6.384	8.571E-10	-7.814	0.000	0.000E+00	71.818	14.364	9.763E-09	37.317	7.463	1.370E-09	5.763	1.153	5.046E-12
717	30.181	6.036	7.246E-10	27.152	5.430	5.276E-10	-26.829	0.000	0.000E+00	9.923	1.985	2.575E-11	7.598	1.520	1.156E-11	-5.476	0.000	0.000E+00	31.533	6.307	8.264E-10
718	40.661	8.132	1.772E-09	-3.614	0.000	0.000E+00	34.433	6.887	1.076E-09	63.353	12.671	6.702E-09	-15.525	0.000	0.000E+00	-4.984	0.000	0.000E+00	35.780	7.156	1.207E-09
719	36.381	7.276	1.269E-09	32.550	6.510	9.090E-10	36.127	7.225	1.243E-09	66.100	13.220	7.612E-09	42.798	8.560	2.066E-09	35.519	7.104	1.181E-09	31.486	6.297	8.227E-10
720	32.480	6.496	9.031E-10	32.657	6.531	9.180E-10	33.854	6.771	1.023E-09	-6.234	0.000	0.000E+00	37.311	7.462	1.369E-09	37.659	7.532	1.408E-09	-8.645	0.000	0.000E+00
721	-6.311	0.000	0.000E+00	8.167	1.633	1.436E-11	17.254	3.451	1.354E-10	37.732	7.546	1.416E-09	-3.857	0.000	0.000E+00	42.231	8.446	1.985E-09	31.273	6.255	8.061E-10
722	31.629	6.326	8.339E-10	23.539	4.708	3.437E-10	26.194	5.239	4.737E-10	39.991	7.998	1.686E-09	30.667	6.133	7.602E-10	5.073	1.015	3.441E-12	41.727	8.345	1.915E-09
723	26.152	5.230	4.714E-10	26.245	5.249	4.764E-10	35.256	7.051	1.155E-09	-53.544	0.000	0.000E+00	14.679	2.936	8.337E-11	6.509	1.302	7.268E-12	34.817	6.963	1.112E-09
724	28.204	5.641	5.913E-10	29.424	5.885	6.714E-10	33.534	6.707	9.939E-10	32.193	6.439	8.794E-10	30.696	6.139	7.623E-10	7.015	1.403	9.099E-12	41.485	8.297	1.882E-09
725	8.746	1.749	1.763E-11	33.989	6.798	1.035E-09	14.939	2.988	8.787E-11	34.278	6.856	1.062E-09	106.160	21.232	3.153E-08	30.388	6.078	7.396E-10	4.159	0.832	1.897E-12
726	25.081	5.016	4.158E-10	23.483	4.697	3.413E-10	84.828	16.966	1.609E-08	32.097	6.419	8.715E-10	8.250	1.650	1.480E-11	-4.658	0.000	0.000E+00	3.431	0.686	1.065E-12
727	31.475	6.295	8.218E-10	34.425	6.885	1.075E-09	25.532	5.106	4.387E-10	16.260	3.252	1.133E-10	26.524	5.305	4.918E-10	44.837	8.967	2.376E-09	28.186	5.637	5.902E-10
728	20.168	4.034	2.162E-10	30.988	6.198	7.843E-10	34.957	6.991	1.126E-09	31.174	6.235	7.985E-10	24.633	4.927	3.940E-10	-7.385	0.000	0.000E+00	34.788	6.958	1.110E-09
729	26.153	5.231	4.715E-10	31.237	6.247	8.033E-10	31.141	6.228	7.959E-10	26.799	5.360	5.073E-10	12.156	2.431	4.735E-11	39.066	7.813	1.571E-09	48.124	9.625	2.938E-09
730	33.645	6.729	1.004E-09	31.144	6.229	7.962E-10	36.217	7.243	1.252E-09	31.564	6.313	8.289E-10	28.772	5.754	6.278E-10	-9.765	0.000	0.000E+00	35.228	7.046	1.152E-09
731	34.461	6.892	1.079E-09	36.462	7.292	1.278E-09	25.542	5.108	4.392E-10	29.731	5.946	6.926E-10	-4.200	0.000	0.000E+00	36.775	7.355	1.311E-09	7.104	1.421	9.449E-12
732	12.885	2.577	5.639E-11	35.491	7.098	1.178E-09	33.646	6.729	1.004E-09	-57.875	0.000	0.000E+00	96.320	19.264	2.355E-08	39.397	7.879	1.612E-09	-8.231	0.000	0.000E+00
733	14.021	2.804	7.264E-11	-9.731	0.000	0.000E+00	32.204	6.441	8.803E-10	28.533	5.707	6.122E-10	30.703	6.141	7.629E-10	36.041	7.208	1.234E-09	37.864	7.573	1.431E-09
734	35.156	7.031	1.145E-09	30.761	6.152	7.672E-10	36.364	7.273	1.267E-09	5.154	1.031	3.609E-12	38.533	7.707	1.508E-09	29.754	5.951	6.942E-10	22.882	4.576	3.158E-10
735	6.911	1.382	8.702E-12	29.389	5.878	6.690E-10	4.674	0.935	2.691E-12	53.597	10.719	4.058E-09	108.946	21.789	3.408E-08	36.216	7.243	1.252E-09	36.502	7.300	1.282E-09
736	30.994	6.199	7.847E-10	10.159	2.032	2.763E-11	33.531	6.706	9.936E-10	57.343	11.469	4.970E-09	29.714	5.943	6.914E-10	5.992	1.198	5.669E-12	32.025	6.405	8.657E-10
737	6.255	1.251	6.449E-12	35.631	7.126	1.192E-09	32.156	6.431	8.763E-10	-59.647	0.000	0.000E+00	42.092	8.418	1.966E-09	29.074	5.815	6.478E-10	37.183	7.437	1.355E-09
738	20.120	4.024	2.147E-10	-45.865	0.000	0.000E+00	34.448	6.890	1.077E-09	123.117	24.623	4.919E-08	-3.084	0.000	0.000E+00	38.029	7.606	1.450E-09	36.187	7.237	1.249E-09
739	38.873	7.775	1.548E-09	32.946	6.589	9.425E-10	38.862	7.772	1.547E-09	31.784	6.357	8.463E-10	29.422	5.884	6.713E-10	32.373	6.475	8.942E-10	35.415	7.083	1.171E-09
740	29.788	5.958	6.966E-10	28.556	5.711	6.137E-10	-5.148	0.000	0.000E+00	70.783	14.157	9.347E-09	112.514	22.503	3.754E-08	26.199	5.240	4.740E-10	39.796	7.959	1.661E-09
741	26.199	5.240	4.740E-10	33.213	6.643	9.657E-10	28.978	5.796	6.414E-10	45.228	9.046	2.438E-09	-7.277	0.000	0.000E+00	34.478	6.896	1.080E-09	34.395	6.879	1.072E-09
742	42.021	8.404	1.956E-09	-3.283	0.000	0.000E+00	36.764	7.353	1.310E-09	66.993	13.399	7.924E-09	69.386	13.877	8.805E-09	27.908	5.582	5.729E-10	38.005	7.601	1.447E-09
743	37.750	7.550	1.418E-09	37.526	7.505	1.393E-09	7.377	1.475	1.058E-11	110.322	22.064	3.539E-08	14.395	2.879	7.862E-11	31.860	6.372	8.524E-10	38.408	7.682	1.493E-09
744	33.848	6.770	1.022E-09	-5.946	0.000	0.000E+00	-3.925	0.000	0.000E+00	35.219	7.044	1.151E-09	9.442	1.888	2.218E-11	10.411	2.082	2.975E-11	27.150	5.430	5.275E-10
745	-14.141	0.000	0.000E+00	30.253	6.051	7.298E-10	-10.064	0.000	0.000E+00	40.045	8.009	1.693E-09	40.320	8.064	1.728E-09	29.035	5.807	6.451E-10	41.967	8.393	1.948E-09
746	44.479	8.896	2.319E-09	45.287	9.057	2.448E-09	33.575	6.715	9.976E-10	29.403	5.881	6.700E-10	-4.497	0.000	0.000E+00	34.499	6.900	1.082E-09	-22.435	0.000	0.000E+00
747	27.674	5.535	5.586E-10	29.561	5.912	6.809E-10	35.802	7.160	1.209E-09	43.695	8.739	2.199E-09	103.124	20.625	2.890E-08	31.054	6.211	7.893E-10	33.193	6.639	9.639E-10
748	28.110	5.622	5.854E-10	36.268	7.254	1.257E-09	51.048	10.210	3.506E-09	107.688	21.538	3.291E-08	-46.067	0.000	0.000E+00	61.548	12.310	6.145E-09	38.696	7.739	1.527E-09
749	39.267	7.853	1.596E-09	35.136	7.027	1.143E-09	20.566	4.113	2.293E-10	25.599	5.120	4.421E-10	14.419	2.884	7.901E-11	36.070	7.214	1.237E-09	5.023	1.005	3.339E-12
750	32.957	6.591	9.434E-10	10.249	2.050	2.837E-11	38.175	7.635	1.466E-09	115.480	23.096	4.059E-08	-21.962	0.000	0.000E+00	28.031	5.606	5.805E-10	20.855	4.171	2.391E-10
751	36.646	7.329	1.297E-09	28.858	5.772	6.334E-10	33.775	6.755	1.016E-09	4.339	0.868	2.153E-12	76.004	15.201	1.157E-08	33.922	6.784	1.029E-09	37.834	7.567	1.427E-09
752	32.011	6.402	8.645E-10	39.403	7.881	1.612E-09	39.253	7.851	1.612E-09	4.850	0.970	3.006E-12	-6.270	0.000	0.000E+00	3.897	0.779	1.560E-12	35.799	7.160	1.209E-09
753	40.652	8.130	1.771E-09	35.888	7.178	1.218E-09	35.617	7.123	1.191E-09	39.186	7.837	1.586E-09	35.132	7.026	1.143E-09	17.342	3.468	1.375E-10	7.072	1.414	9.321E-12
754	27.680	5.536	5.590E-10	35.051	7.010	1.135E-09	32.795	6.559	9.296E-10	35.442	7.088	1.173E-09	6.777	1.355	8.205E-12	29.955	5.991	7.084E-10	45.744	9.149	2.523E-09
755	30.652	6.130	7.591E-10	30.158	6.032	7.229E-10	32.006	6.401	8.642E-10	32.529	6.506	9.072E-10	6.437	1.287	7.028E-12	36.616	7.323	1.294E-09	37.569	7.514	1.398E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
756	5.612	1.122	4.659E-12	6.082	1.216	5.931E-12	32.877	6.575	9.366E-10	75.057	15.011	1.114E-08	31.294	6.259	8.077E-10	37.287	7.457	1.366E-09	-7.477	0.000	0.000E+00
757	8.629	1.726	1.694E-11	-12.419	0.000	0.000E+00	10.151	2.030	2.757E-11	29.739	5.948	6.932E-10	88.236	17.647	1.811E-08	15.503	3.101	9.820E-11	7.633	1.527	1.172E-11
758	4.619	0.924	2.597E-12	22.667	4.533	3.070E-10	23.034	4.607	3.221E-10	71.994	14.399	9.835E-09	12.332	2.466	4.943E-11	35.693	7.139	1.198E-09	-4.711	0.000	0.000E+00
759	7.928	1.586	1.313E-11	37.530	7.506	1.393E-09	-3.964	0.000	0.000E+00	71.775	14.355	9.746E-09	-6.466	0.000	0.000E+00	24.113	4.823	3.695E-10	31.588	6.318	8.307E-10
760	35.728	7.146	1.202E-09	7.176	1.435	9.739E-12	41.995	8.399	1.952E-09	38.545	7.709	1.509E-09	26.574	5.315	4.946E-10	-41.387	0.000	0.000E+00	36.328	7.266	1.264E-09
761	40.789	8.158	1.789E-09	66.317	13.263	7.687E-09	40.105	8.021	1.700E-09	36.344	7.269	1.265E-09	34.290	6.858	1.063E-09	37.419	7.484	1.381E-09	-3.724	0.000	0.000E+00
762	8.894	1.779	1.854E-11	241.795	48.359	3.726E-07	30.540	6.108	7.508E-10	31.191	6.238	7.998E-10	29.939	5.988	7.073E-10	33.083	6.617	9.544E-10	40.488	8.098	1.749E-09
763	31.597	6.319	8.315E-10	75.964	15.193	1.155E-08	19.097	3.819	1.836E-10	4.527	0.905	2.445E-12	6.175	1.235	6.205E-12	-4.389	0.000	0.000E+00	36.859	7.372	1.320E-09
764	35.710	7.142	1.200E-09	-50.844	0.000	0.000E+00	-5.752	0.000	0.000E+00	40.830	8.166	1.794E-09	39.013	7.803	1.565E-09	-5.831	0.000	0.000E+00	35.175	7.035	1.147E-09
765	28.362	5.672	6.013E-10	-31.385	0.000	0.000E+00	30.101	6.020	7.189E-10	-31.950	0.000	0.000E+00	40.967	8.193	1.812E-09	6.580	1.316	7.509E-12	33.610	6.722	1.001E-09
766	29.223	5.845	6.578E-10	-29.409	0.000	0.000E+00	33.378	6.676	9.801E-10	7.564	1.513	1.141E-11	39.210	7.842	1.589E-09	30.053	6.011	7.154E-10	19.714	3.943	2.019E-10
767	31.962	6.392	8.606E-10	8.307	1.661	1.511E-11	3.190	0.638	8.556E-13	34.900	6.980	1.120E-09	4.380	0.876	2.214E-12	13.642	2.728	6.692E-11	36.613	7.323	1.294E-09
768	39.681	7.936	1.647E-09	41.195	8.239	1.843E-09	41.361	8.272	1.865E-09	65.610	13.122	7.444E-09	41.965	8.393	1.948E-09	6.321	1.264	6.658E-12	37.804	7.561	1.424E-09
769	33.531	6.706	9.936E-10	34.184	6.837	1.053E-09	33.351	6.670	9.778E-10	34.494	6.899	1.082E-09	42.868	8.574	2.076E-09	32.693	6.539	9.210E-10	7.279	1.456	1.016E-11
770	41.220	8.244	1.846E-09	-31.145	0.000	0.000E+00	38.102	7.620	1.458E-09	65.768	13.154	7.498E-09	-5.475	0.000	0.000E+00	31.518	6.304	8.252E-10	39.778	7.956	1.659E-09
771	41.442	8.288	1.876E-09	33.903	6.781	1.027E-09	22.395	4.479	2.960E-10	5.224	1.045	3.757E-12	33.274	6.655	9.710E-10	7.272	1.454	1.013E-11	-27.844	0.000	0.000E+00
772	40.637	8.127	1.769E-09	32.273	6.455	8.859E-10	30.549	6.110	7.514E-10	39.600	7.920	1.637E-09	28.903	5.781	6.364E-10	7.895	1.579	1.297E-11	37.036	7.407	1.339E-09
773	9.865	1.973	2.530E-11	34.174	6.835	1.052E-09	31.288	6.258	8.073E-10	29.835	5.967	7.000E-10	64.852	12.970	7.189E-09	31.271	6.254	8.060E-10	10.071	2.014	2.693E-11
774	33.922	6.784	1.029E-09	27.563	5.513	5.519E-10	5.961	1.192	5.584E-12	25.736	5.147	4.493E-10	17.467	3.493	1.405E-10	-6.047	0.000	0.000E+00	35.273	7.055	1.157E-09
775	35.317	7.063	1.161E-09	32.579	6.516	9.114E-10	21.695	4.339	2.691E-10	-26.799	0.000	0.000E+00	97.727	19.545	2.460E-08	33.536	6.707	9.941E-10	22.400	4.480	2.962E-10
776	7.699	1.540	1.203E-11	25.446	5.089	4.343E-10	38.224	7.645	1.472E-09	64.915	12.983	7.210E-09	14.795	2.959	8.535E-11	41.749	8.350	1.918E-09	28.845	5.769	6.326E-10
777	39.021	7.804	1.566E-09	-6.525	0.000	0.000E+00	22.489	4.498	2.998E-10	-4.792	0.000	0.000E+00	22.934	4.587	3.179E-10	-42.644	0.000	0.000E+00	37.159	7.432	1.352E-09
778	10.644	2.129	3.179E-11	31.752	6.350	8.437E-10	33.226	6.645	9.668E-10	72.336	14.467	9.976E-09	8.941	1.788	1.884E-11	9.463	1.893	2.233E-11	5.620	1.124	4.678E-12
779	20.835	4.167	2.384E-10	33.133	6.627	9.587E-10	-4.234	0.000	0.000E+00	38.873	7.775	1.548E-09	33.427	6.685	9.844E-10	18.512	3.702	1.672E-10	56.171	11.234	4.671E-09
780	31.304	6.261	8.085E-10	35.719	7.144	1.201E-09	36.218	7.244	1.252E-09	68.968	13.794	8.646E-09	-7.636	0.000	0.000E+00	9.668	1.934	2.382E-11	35.767	7.153	1.206E-09
781	40.131	8.026	1.703E-09	9.310	1.862	2.127E-11	-41.181	0.000	0.000E+00	46.138	9.228	2.589E-09	5.410	1.082	4.173E-12	35.323	7.065	1.162E-09	5.589	1.118	4.602E-12
782	27.670	5.534	5.584E-10	30.486	6.097	7.468E-10	5.561	1.112	4.533E-12	34.195	6.839	1.054E-09	72.239	14.448	9.936E-09	-4.602	0.000	0.000E+00	-5.553	0.000	0.000E+00
783	41.086	8.217	1.828E-09	24.829	4.966	4.034E-10	5.728	1.146	4.953E-12	31.488	6.298	8.228E-10	7.997	1.599	1.348E-11	9.141	1.828	2.013E-11	-5.406	0.000	0.000E+00
784	19.683	3.937	2.010E-10	35.154	7.031	1.145E-09	5.867	1.173	5.322E-12	-5.780	0.000	0.000E+00	127.352	25.470	5.444E-08	35.364	7.073	1.166E-09	30.515	6.103	7.489E-10
785	-7.053	0.000	0.000E+00	7.864	1.573	1.282E-11	24.144	4.829	3.710E-10	-8.176	0.000	0.000E+00	9.226	1.845	2.070E-11	24.579	4.916	3.914E-10	32.457	6.491	9.012E-10
786	5.322	1.064	3.972E-12	7.051	1.410	9.241E-12	-5.163	0.000	0.000E+00	22.905	4.581	3.167E-10	53.964	10.793	4.142E-09	-5.240	0.000	0.000E+00	-5.188	0.000	0.000E+00
787	26.937	5.387	5.152E-10	-7.546	0.000	0.000E+00	34.144	6.829	1.049E-09	109.812	21.962	3.490E-08	18.928	3.786	1.787E-10	40.276	8.055	1.722E-09	36.384	7.277	1.269E-09
788	35.033	7.007	1.133E-09	35.051	7.010	1.135E-09	9.067	1.813	1.965E-11	37.315	7.463	1.369E-09	42.367	8.473	2.004E-09	32.809	6.562	9.308E-10	22.230	4.446	2.895E-10
789	41.884	8.377	1.937E-09	36.484	7.297	1.280E-09	6.592	1.318	7.549E-12	-8.688	0.000	0.000E+00	60.683	12.137	5.890E-09	41.599	8.320	1.897E-09	35.709	7.142	1.200E-09
790	6.672	1.334	7.827E-12	40.654	8.131	1.771E-09	11.482	2.296	3.990E-11	29.293	5.859	6.625E-10	30.853	6.171	7.741E-10	49.032	9.806	3.107E-09	10.181	2.036	2.782E-11
791	29.234	5.847	6.585E-10	38.891	7.778	1.550E-09	33.231	6.646	9.672E-10	92.289	18.458	2.072E-08	35.946	7.189	1.224E-09	33.547	6.709	9.951E-10	33.222	6.644	9.665E-10
792	35.063	7.013	1.136E-09	32.587	6.517	9.120E-10	22.690	4.538	3.079E-10	33.231	6.646	9.672E-10	9.065	1.813	1.963E-11	29.238	5.848	6.588E-10	50.953	10.191	3.487E-09
793	27.182	5.436	5.294E-10	25.022	5.004	4.129E-10	5.681	1.136	4.832E-12	31.764	6.353	8.447E-10	34.095	6.819	1.045E-09	-3.933	0.000	0.000E+00	22.059	4.412	2.829E-10
794	32.738	6.548	9.248E-10	13.342	2.668	6.260E-11	3.655	0.731	1.287E-12	33.852	6.770	1.022E-09	62.954	12.591	6.576E-09	41.024	8.205	1.820E-09	38.794	7.759	1.539E-09
795	45.917	9.183	2.552E-09	38.738	7.748	1.532E-09	-4.075	0.000	0.000E+00	44.964	8.993	2.396E-09	36.667	7.333	1.299E-09	-4.545	0.000	0.000E+00	24.740	4.948	3.991E-10
796	7.072	1.414	9.322E-12	4.989	0.998	3.272E-12	24.537	4.907	3.894E-10	44.695	8.939	2.353E-09	44.214	8.843	2.278E-09	26.199	5.240	4.740E-10	49.492	9.898	3.195E-09
797	-3.128	0.000	0.000E+00	41.964	8.393	1.948E-09	4.929	0.986	3.156E-12	28.655	5.731	6.201E-10	29.498	5.900	6.765E-10	40.037	8.007	1.691E-09	27.422	5.484	5.435E-10
798	12.345	2.469	4.958E-11	8.585	1.717	1.668E-11	-5.271	0.000	0.000E+00	29.043	5.809	6.457E-10	49.032	9.806	3.107E-09	5.220	1.044	3.749E-12	46.437	9.287	2.639E-09
799	7.464	1.493	1.096E-11	31.575	6.315	8.297E-10	15.332	3.066	9.499E-11	35.710	7.142	1.200E-09	118.371	23.674	4.371E-08	29.829	5.966	6.995E-10	2.373	0.475	3.524E-13
800	35.045	7.009	1.134E-09	24.883	4.977	4.061E-10	23.596	4.719	3.462E-10	13.312	2.662	6.217E-11	72.826	14.565	1.018E-08	42.889	8.578	2.079E-09	36.229	7.246	1.253E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
801	31.824	6.365	8.495E-10	32.301	6.460	8.883E-10	-8.101	0.000	0.000E+00	207.539	41.508	2.356E-07	108.207	21.641	3.339E-08	84.637	16.927	1.598E-08	37.895	7.579	1.434E-09
802	35.718	7.144	1.201E-09	12.732	2.546	5.439E-11	27.581	5.516	5.530E-10	63.039	12.608	6.603E-09	122.069	24.414	4.794E-08	17.563	3.513	1.428E-10	17.505	3.501	1.414E-10
803	31.479	6.296	8.221E-10	5.843	1.169	5.259E-12	16.379	3.276	1.158E-10	107.668	21.534	3.290E-08	28.695	5.739	6.227E-10	-25.084	0.000	0.000E+00	38.463	7.693	1.500E-09
804	21.310	4.262	2.550E-10	70.241	14.048	9.134E-09	30.386	6.077	7.395E-10	-10.464	0.000	0.000E+00	8.049	1.610	1.374E-11	36.699	7.340	1.303E-09	-5.550	0.000	0.000E+00
805	5.204	1.041	3.715E-12	6.178	1.236	6.216E-12	32.666	6.533	9.187E-10	39.352	7.870	1.606E-09	33.526	6.705	9.932E-10	24.064	4.813	3.673E-10	39.170	7.834	1.584E-09
806	36.649	7.330	1.297E-09	33.620	6.724	1.002E-09	37.461	7.492	1.386E-09	37.052	7.410	1.341E-09	39.288	7.858	1.598E-09	8.656	1.731	1.709E-11	48.748	9.750	3.053E-09
807	33.175	6.635	9.624E-10	35.129	7.026	1.143E-09	10.169	2.034	2.771E-11	37.212	7.442	1.358E-09	43.264	8.653	2.134E-09	5.987	1.197	5.656E-12	-35.557	0.000	0.000E+00
808	38.531	7.706	1.508E-09	37.644	7.529	1.406E-09	-5.052	0.000	0.000E+00	32.013	6.403	8.647E-10	6.552	1.310	7.413E-12	-8.107	0.000	0.000E+00	32.494	6.499	9.043E-10
809	6.313	1.263	6.632E-12	-22.836	0.000	0.000E+00	30.526	6.105	7.497E-10	-4.889	0.000	0.000E+00	5.341	1.068	4.017E-12	9.030	1.806	1.941E-11	3.768	0.754	1.409E-12
810	59.378	11.876	5.518E-09	34.991	6.998	1.129E-09	8.006	1.601	1.352E-11	69.937	13.987	9.016E-09	-4.033	0.000	0.000E+00	33.995	6.799	1.035E-09	37.139	7.428	1.350E-09
811	18.781	3.756	1.746E-10	29.404	5.881	6.700E-10	37.572	7.514	1.398E-09	66.215	13.243	7.652E-09	11.945	2.389	4.492E-11	8.397	1.679	1.561E-11	-28.684	0.000	0.000E+00
812	3.947	0.789	1.621E-12	37.306	7.461	1.368E-09	22.180	4.436	2.876E-10	37.743	7.549	1.417E-09	108.545	21.709	3.371E-08	24.109	4.822	3.693E-10	6.681	1.336	7.860E-12
813	39.328	7.866	1.603E-09	28.247	5.649	5.940E-10	38.115	7.623	1.459E-09	28.655	5.731	6.201E-10	-3.335	0.000	0.000E+00	46.123	9.225	2.586E-09	20.147	4.029	2.155E-10
814	30.770	6.154	7.678E-10	35.904	7.181	1.220E-09	5.218	1.044	3.744E-12	-5.338	0.000	0.000E+00	5.655	1.131	4.766E-12	4.921	0.984	3.141E-12	25.883	5.177	4.570E-10
815	24.391	4.878	3.825E-10	61.024	12.205	5.990E-09	35.189	7.038	1.148E-09	37.124	7.425	1.348E-09	99.463	19.893	2.593E-08	38.905	7.781	1.552E-09	34.878	6.976	1.118E-09
816	33.453	6.691	9.867E-10	40.095	8.019	1.699E-09	35.987	7.197	1.228E-09	39.465	7.893	1.620E-09	4.057	0.811	1.760E-12	4.169	0.834	1.910E-12	19.616	3.923	1.989E-10
817	5.938	1.188	5.518E-12	35.040	7.008	1.134E-09	12.221	2.444	4.811E-11	4.224	0.845	1.987E-12	70.226	14.045	9.128E-09	30.403	6.081	7.407E-10	19.197	3.839	1.865E-10
818	-6.030	0.000	0.000E+00	34.682	6.936	1.099E-09	45.307	9.061	2.451E-09	71.098	14.220	9.472E-09	115.613	23.123	4.073E-08	6.241	1.248	6.408E-12	41.455	8.291	1.878E-09
819	-7.351	0.000	0.000E+00	21.940	4.388	2.784E-10	8.200	1.640	1.453E-11	49.470	9.894	3.191E-09	102.626	20.525	2.849E-08	44.122	8.824	2.264E-09	37.588	7.518	1.400E-09
820	28.816	5.763	6.306E-10	37.103	7.421	1.346E-09	17.928	3.586	1.519E-10	103.394	20.679	2.913E-08	2.625	0.525	4.770E-13	8.571	1.714	1.660E-11	26.137	5.227	4.706E-10
821	33.439	6.688	9.855E-10	39.005	7.801	1.564E-09	23.668	4.734	3.495E-10	124.793	24.959	5.122E-08	22.782	4.556	3.116E-10	25.468	5.094	4.354E-10	-5.836	0.000	0.000E+00
822	51.102	10.220	3.517E-09	33.224	6.645	9.666E-10	26.571	5.314	4.944E-10	108.197	21.639	3.338E-08	116.664	23.333	4.185E-08	44.128	8.826	2.265E-09	-6.380	0.000	0.000E+00
823	-9.710	0.000	0.000E+00	28.223	5.645	5.925E-10	-5.788	0.000	0.000E+00	29.810	5.962	6.982E-10	68.180	13.636	8.353E-09	27.683	5.537	5.591E-10	5.515	1.103	4.422E-12
824	35.189	7.038	1.148E-09	39.023	7.805	1.566E-09	6.805	1.361	8.307E-12	48.311	9.662	2.972E-09	-6.619	0.000	0.000E+00	21.484	4.297	2.614E-10	33.032	6.606	9.499E-10
825	37.766	7.553	1.420E-09	17.938	3.588	1.521E-10	24.660	4.932	3.953E-10	8.482	1.696	1.609E-11	115.658	23.132	4.078E-08	8.103	1.621	1.402E-11	5.740	1.148	4.985E-12
826	31.101	6.220	7.929E-10	35.873	7.175	1.217E-09	-34.202	0.000	0.000E+00	64.244	12.849	6.989E-09	37.726	7.545	1.415E-09	30.434	6.087	7.429E-10	11.612	2.322	4.127E-11
827	38.993	7.799	1.563E-09	36.194	7.239	1.250E-09	6.988	1.398	8.994E-12	65.507	13.101	7.409E-09	108.861	21.772	3.400E-08	34.579	6.916	1.090E-09	17.192	3.438	1.339E-10
828	40.484	8.097	1.749E-09	5.193	1.039	3.692E-12	10.456	2.091	3.013E-11	52.888	10.578	3.899E-09	11.671	2.334	4.190E-11	35.725	7.145	1.202E-09	31.007	6.201	7.857E-10
829	36.737	7.347	1.307E-09	4.366	0.873	2.193E-12	56.588	11.318	4.776E-09	131.398	26.280	5.979E-08	116.712	23.342	4.190E-08	28.727	5.745	6.248E-10	34.355	6.871	1.069E-09
830	35.900	7.180	1.220E-09	43.569	8.714	2.180E-09	37.449	7.490	1.384E-09	33.467	6.693	9.879E-10	9.629	1.926	2.353E-11	9.000	1.800	1.921E-11	-40.788	0.000	0.000E+00
831	20.429	4.086	2.247E-10	37.074	7.415	1.343E-09	38.984	7.797	1.561E-09	6.452	1.290	7.080E-12	9.373	1.875	2.170E-11	2.526	0.505	4.249E-13	21.432	4.286	2.595E-10
832	30.509	6.102	7.485E-10	23.880	4.776	3.589E-10	31.844	6.369	8.511E-10	64.761	12.952	7.159E-09	33.267	6.653	9.703E-10	63.362	12.672	6.705E-09	121.514	24.303	4.729E-08
833	35.651	7.130	1.194E-09	32.720	6.544	9.233E-10	26.738	5.348	5.038E-10	63.504	12.701	6.750E-09	5.235	1.047	3.781E-12	35.477	7.095	1.177E-09	23.009	4.602	3.210E-10
834	34.296	6.859	1.063E-09	35.481	7.096	1.177E-09	58.575	11.715	5.297E-09	40.141	8.028	1.705E-09	37.974	7.595	1.443E-09	44.900	8.980	2.386E-09	28.400	5.680	6.037E-10
835	-5.563	0.000	0.000E+00	31.448	6.290	8.197E-10	-53.789	0.000	0.000E+00	18.439	3.688	1.652E-10	112.126	22.425	3.715E-08	7.826	1.565	1.263E-11	28.678	5.736	6.216E-10
836	-32.369	0.000	0.000E+00	31.609	6.322	8.323E-10	-4.786	0.000	0.000E+00	28.606	5.721	6.170E-10	-6.341	0.000	0.000E+00	5.819	1.164	5.193E-12	13.134	2.627	5.972E-11
837	5.868	1.174	5.325E-12	40.109	8.022	1.701E-09	5.970	1.194	5.607E-12	34.068	6.814	1.042E-09	117.997	23.599	4.330E-08	16.939	3.388	1.281E-10	64.841	12.968	7.185E-09
838	28.561	5.712	6.140E-10	27.982	5.596	5.774E-10	20.367	4.073	2.227E-10	106.460	21.292	3.180E-08	4.869	0.974	3.042E-12	-6.683	0.000	0.000E+00	12.972	2.594	5.753E-11
839	4.120	0.824	1.843E-12	23.805	4.761	3.555E-10	-32.620	0.000	0.000E+00	33.183	6.637	9.631E-10	40.375	8.075	1.735E-09	35.978	7.196	1.227E-09	-7.875	0.000	0.000E+00
840	22.477	4.495	2.993E-10	44.068	8.814	2.256E-09	44.742	8.948	2.361E-09	112.278	22.456	3.731E-08	38.715	7.743	1.529E-09	50.482	10.096	3.391E-09	-5.610	0.000	0.000E+00
841	3.381	0.676	1.018E-12	37.127	7.425	1.349E-09	34.686	6.937	1.100E-09	9.025	1.805	1.938E-11	33.180	6.636	9.627E-10	24.128	4.826	3.702E-10	113.860	22.772	3.891E-08
842	32.734	6.547	9.245E-10	38.985	7.797	1.562E-09	11.375	2.275	3.880E-11	70.864	14.173	9.379E-09	37.682	14.736	1.054E-08	47.099	9.420	2.754E-09	32.697	6.539	9.213E-10
843	7.190	1.438	9.798E-12	48.630	9.726	3.031E-09	34.471	6.894	1.080E-09	-9.977	0.000	0.000E+00	-2.719	0.000	0.000E+00	117.813	23.563	4.310E-08	32.630	6.526	9.157E-10
844	24.446	4.889	3.850E-10	19.264	3.853	1.884E-10	-25.230	0.000	0.000E+00	6.311	1.262	6.625E-12	45.609	9.122	2.501E-09	-108.244	0.000	0.000E+00	24.543	4.909	3.896E-10
845	10.891	2.178	3.405E-11	38.854	7.771	1.546E-09	22.452	4.490	2.983E-10	64.905	12.981	7.207E-09	117.188	23.438	4.242E-08	37.599	7.520	1.401E-09	-2.966	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
846	-6.092	0.000	0.000E+00	30.713	6.143	7.636E-10	36.081	7.216	1.238E-09	-8.684	0.000	0.000E+00	5.758	1.152	5.031E-12	5.449	1.090	4.264E-12	36.629	7.326	1.295E-09
847	8.611	1.722	1.683E-11	4.871	0.974	3.045E-12	47.585	9.517	2.840E-09	12.525	2.505	5.179E-11	62.344	12.469	6.387E-09	13.508	2.702	6.497E-11	7.005	1.401	9.060E-12
848	102.942	20.588	2.875E-08	35.921	7.184	1.222E-09	43.004	8.601	2.096E-09	3.091	0.618	7.787E-13	7.106	1.421	9.455E-12	33.472	6.694	9.884E-10	31.209	6.242	8.012E-10
849	5.344	1.069	4.022E-12	39.712	7.942	1.651E-09	6.714	1.343	7.978E-12	33.087	6.617	9.547E-10	9.451	1.890	2.225E-11	6.167	1.233	6.181E-12	6.537	1.307	7.361E-12
850	35.886	7.177	1.218E-09	35.952	7.190	1.225E-09	35.012	7.002	1.131E-09	9.023	1.805	1.936E-11	115.502	23.100	4.061E-08	30.661	6.132	7.597E-10	60.915	12.183	5.958E-09
851	7.327	1.465	1.037E-11	8.588	1.718	1.670E-11	-33.481	0.000	0.000E+00	39.754	7.951	1.656E-09	24.454	4.891	3.854E-10	36.186	7.237	1.249E-09	39.460	7.892	1.619E-09
852	11.517	2.303	4.026E-11	4.289	0.858	2.079E-12	35.061	7.012	1.136E-09	30.759	6.152	7.670E-10	-4.053	0.000	0.000E+00	81.525	16.305	1.428E-08	-39.471	0.000	0.000E+00
853	88.320	17.664	1.816E-08	-4.859	0.000	0.000E+00	12.987	2.597	5.774E-11	37.544	7.509	1.395E-09	65.251	13.050	7.322E-09	-3.940	0.000	0.000E+00	5.981	1.196	5.639E-12
854	-101.663	0.000	0.000E+00	30.739	6.148	7.655E-10	37.230	7.446	1.360E-09	6.806	1.361	8.309E-12	49.572	9.914	3.211E-09	38.012	7.602	1.448E-09	32.906	6.581	9.391E-10
855	17.010	3.402	1.297E-10	33.549	6.710	9.952E-10	31.217	6.243	8.018E-10	30.911	6.182	7.784E-10	35.744	7.149	1.204E-09	5.151	1.030	3.602E-12	5.003	1.001	3.300E-12
856	24.836	4.967	4.038E-10	27.121	5.424	5.258E-10	35.700	7.140	1.199E-09	77.212	15.442	1.213E-08	-10.005	0.000	0.000E+00	62.640	12.492	6.422E-09	9.243	1.849	2.081E-11
857	7.181	1.436	9.759E-12	33.012	6.602	9.482E-10	23.152	4.630	3.271E-10	110.058	22.012	3.514E-08	21.405	4.281	2.585E-10	29.613	5.923	6.844E-10	37.704	7.541	1.413E-09
858	-4.938	0.000	0.000E+00	-5.841	0.000	0.000E+00	18.038	3.608	1.547E-10	33.619	6.724	1.001E-09	95.528	19.106	2.298E-08	128.027	25.605	5.531E-08	195.786	39.157	1.978E-07
859	-6.641	0.000	0.000E+00	32.700	6.540	9.215E-10	8.854	1.771	1.829E-11	107.473	21.495	3.272E-08	5.436	1.087	4.233E-12	28.864	5.773	6.338E-10	137.014	27.403	6.779E-08
860	10.104	2.021	2.719E-11	40.292	8.058	1.724E-09	34.802	6.960	1.111E-09	65.674	13.135	7.466E-09	131.078	26.216	5.936E-08	5.284	1.057	3.889E-12	38.626	7.725	1.519E-09
861	40.043	8.009	1.692E-09	37.708	7.542	1.413E-09	6.486	1.297	7.192E-12	17.959	3.592	1.527E-10	119.934	23.987	4.547E-08	5.964	1.193	5.591E-12	122.605	24.521	4.858E-08
862	9.828	1.966	2.502E-11	37.286	7.457	1.366E-09	6.528	1.306	7.332E-12	-12.334	0.000	0.000E+00	116.630	23.326	4.181E-08	49.300	9.860	3.158E-09	118.583	23.717	4.395E-08
863	34.450	6.890	1.078E-09	29.828	5.966	6.994E-10	26.349	5.270	4.822E-10	114.281	22.856	3.934E-08	111.534	22.307	3.657E-08	127.112	25.422	5.413E-08	22.475	4.495	2.992E-10
864	6.821	1.364	8.363E-12	37.185	7.437	1.355E-09	33.388	6.678	9.810E-10	35.167	7.033	1.146E-09	6.653	1.331	7.763E-12	5.553	1.111	4.514E-12	34.053	6.811	1.041E-09
865	111.512	22.302	3.655E-08	28.394	5.679	6.034E-10	14.635	2.927	8.261E-11	124.287	24.857	5.060E-08	-5.544	0.000	0.000E+00	7.813	1.563	1.257E-11	-3.823	0.000	0.000E+00
866	34.381	6.876	1.071E-09	17.926	3.585	1.518E-10	34.905	6.981	1.121E-09	29.461	5.892	6.740E-10	111.785	22.357	3.682E-08	38.615	7.723	1.518E-09	6.494	1.299	7.220E-12
867	213.084	42.617	2.550E-07	-27.881	0.000	0.000E+00	26.953	5.391	5.161E-10	32.475	6.495	9.027E-10	13.618	2.724	6.657E-11	33.529	6.706	9.935E-10	123.509	24.702	4.966E-08
868	9.314	1.863	2.130E-11	31.728	6.346	8.418E-10	-31.619	0.000	0.000E+00	4.997	0.999	3.289E-12	62.179	12.436	6.336E-09	25.923	5.185	4.592E-10	7.987	1.597	1.343E-11
869	7.154	1.431	9.650E-12	41.084	8.217	1.828E-09	32.459	6.492	9.014E-10	32.386	6.477	8.952E-10	6.269	1.254	6.494E-12	-32.921	0.000	0.000E+00	4.477	0.895	2.365E-12
870	99.694	19.939	2.612E-08	-35.399	0.000	0.000E+00	24.556	4.911	3.903E-10	-16.926	0.000	0.000E+00	107.954	21.591	3.316E-08	9.939	1.988	2.588E-11	4.816	0.963	2.944E-12
871	-10.509	0.000	0.000E+00	29.919	5.984	7.059E-10	-3.266	0.000	0.000E+00	32.738	6.548	9.248E-10	-9.265	0.000	0.000E+00	-4.510	0.000	0.000E+00	33.493	6.699	9.903E-10
872	29.544	5.909	6.797E-10	6.028	1.206	5.773E-12	35.412	7.082	1.170E-09	57.013	11.403	4.884E-09	59.651	11.930	5.594E-09	8.898	1.780	1.857E-11	33.753	6.751	1.014E-09
873	-9.218	0.000	0.000E+00	27.664	5.533	5.580E-10	6.856	1.371	8.493E-12	-4.749	0.000	0.000E+00	85.745	17.149	1.662E-08	31.640	6.328	8.348E-10	35.875	7.175	1.217E-09
874	6.058	1.212	5.859E-12	30.815	6.163	7.712E-10	51.254	10.251	3.549E-09	35.827	7.165	1.212E-09	66.478	13.296	7.743E-09	70.685	14.137	9.309E-09	120.923	24.185	4.660E-08
875	29.456	5.891	6.736E-10	-5.308	0.000	0.000E+00	28.374	5.675	6.021E-10	32.420	6.484	8.981E-10	-39.869	0.000	0.000E+00	45.944	9.189	2.556E-09	51.227	10.245	3.543E-09
876	88.440	17.688	1.823E-08	6.750	1.350	8.106E-12	46.887	9.377	2.717E-09	64.574	12.915	7.097E-09	5.003	1.001	3.301E-12	111.771	22.354	3.680E-08	43.276	8.655	2.136E-09
877	6.649	1.330	7.749E-12	46.444	9.289	2.640E-09	6.022	1.204	5.755E-12	-33.807	0.000	0.000E+00	134.651	26.930	6.435E-08	38.413	7.683	1.494E-09	117.580	23.516	4.284E-08
878	-4.027	0.000	0.000E+00	15.941	3.188	1.068E-10	33.560	6.712	9.963E-10	9.399	1.880	2.189E-11	28.249	5.650	5.941E-10	-20.293	0.000	0.000E+00	66.518	13.304	7.757E-09
879	9.363	1.873	2.164E-11	4.862	0.972	3.030E-12	-9.235	0.000	0.000E+00	72.382	14.476	9.995E-09	104.344	20.869	2.994E-08	72.694	14.539	1.012E-08	-68.518	0.000	0.000E+00
880	8.447	1.689	1.589E-11	10.657	2.131	3.190E-11	30.905	6.181	7.780E-10	25.076	5.015	4.156E-10	31.200	6.240	8.005E-10	54.050	10.810	4.162E-09	-6.259	0.000	0.000E+00
881	-8.739	0.000	0.000E+00	39.289	7.858	1.598E-09	7.950	1.590	1.325E-11	5.077	1.015	3.448E-12	110.559	22.112	3.562E-08	61.840	12.368	6.233E-09	15.926	3.185	1.065E-10
882	34.287	6.857	1.062E-09	5.874	1.175	5.341E-12	-5.036	0.000	0.000E+00	46.756	9.351	2.694E-09	23.504	4.701	3.422E-10	9.584	1.917	2.320E-11	4.055	0.811	1.757E-12
883	117.266	23.453	4.250E-08	4.103	0.821	1.821E-12	38.551	7.710	1.510E-09	70.523	14.105	9.245E-09	9.527	1.905	2.279E-11	30.095	6.019	7.184E-10	38.569	7.714	1.512E-09
884	-6.473	0.000	0.000E+00	4.502	0.900	2.404E-12	42.407	8.481	2.010E-09	35.183	7.037	1.148E-09	123.682	24.736	4.987E-08	4.831	0.966	2.971E-12	5.321	1.064	3.971E-12
885	42.601	8.520	2.038E-09	29.312	5.862	6.638E-10	3.228	0.646	8.869E-13	41.196	8.239	1.843E-09	-85.267	0.000	0.000E+00	4.562	0.912	2.502E-12	45.099	9.020	2.418E-09
886	-4.524	0.000	0.000E+00	-8.285	0.000	0.000E+00	36.064	7.213	1.236E-09	3.790	0.758	1.435E-12	-34.273	0.000	0.000E+00	42.874	8.575	2.077E-09	7.879	1.576	1.289E-11
887	32.577	6.515	9.113E-10	10.207	2.041	2.803E-11	112.340	22.468	3.737E-08	110.754	22.151	3.581E-08	5.696	1.139	4.872E-12	36.108	7.222	1.241E-09	32.584	6.517	9.118E-10
888	50.785	10.157	3.452E-09	33.022	6.604	9.491E-10	24.150	4.830	3.712E-10	40.729	8.146	1.781E-09	37.270	7.454	1.365E-09	-41.469	0.000	0.000E+00	122.662	24.532	4.864E-08
889	8.457	1.691	1.594E-11	23.867	4.773	3.583E-10	3.112	0.622	7.947E-13	6.617	1.323	7.635E-12	5.621	1.124	4.682E-12	5.486	1.097	4.351E-12	-60.397	0.000	0.000E+00
890	18.084	3.617	1.559E-10	30.596	6.119	7.549E-10	37.308	7.462	1.369E-09	-5.003	0.000	0.000E+00	118.920	23.784	4.433E-08	6.143	1.229	6.109E-12	31.697	6.339	8.394E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
891	30.696	6.139	7.623E-10	37.940	7.588	1.439E-09	40.882	8.176	1.801E-09	128.134	25.627	5.545E-08	4.671	0.934	2.686E-12	56.363	11.273	4.719E-09	118.006	23.601	4.331E-08
892	178.067	35.613	1.488E-07	6.621	1.324	7.652E-12	123.839	24.768	5.006E-08	2.589	0.518	4.576E-13	116.323	23.265	4.148E-08	108.947	21.789	3.408E-08	59.344	11.869	5.508E-09
893	12.115	2.423	4.687E-11	15.277	3.055	9.398E-11	45.022	9.004	2.405E-09	-7.017	0.000	0.000E+00	38.249	7.650	1.475E-09	-119.588	0.000	0.000E+00	35.829	7.166	1.212E-09
894	41.080	8.216	1.827E-09	32.666	6.533	9.187E-10	6.919	1.384	8.730E-12	34.474	6.895	1.080E-09	108.959	21.792	3.409E-08	11.767	2.353	4.294E-11	3.078	0.616	7.687E-13
895	5.062	1.012	3.418E-12	31.998	6.400	8.635E-10	35.268	7.054	1.156E-09	5.862	1.172	5.308E-12	2.831	0.566	5.981E-13	119.556	23.911	4.504E-08	4.744	0.949	2.813E-12
896	101.310	20.262	2.741E-08	31.414	6.283	8.171E-10	37.313	7.463	1.369E-09	118.033	23.607	4.334E-08	3.766	0.753	1.408E-12	40.895	8.179	1.803E-09	6.380	1.276	6.845E-12
897	116.119	23.224	4.127E-08	37.525	7.505	1.393E-09	125.676	25.135	5.232E-08	30.440	6.088	7.434E-10	3.243	0.649	8.990E-13	-5.524	0.000	0.000E+00	67.974	13.595	8.278E-09
898	-4.562	0.000	0.000E+00	27.414	5.483	5.430E-10	207.810	41.562	2.365E-07	117.763	23.553	4.304E-08	-3.045	0.000	0.000E+00	113.072	22.614	3.810E-08	6.118	1.224	6.034E-12
899	33.572	6.714	9.973E-10	35.338	7.068	1.163E-09	25.707	5.141	4.477E-10	69.729	13.946	8.936E-09	66.529	13.306	7.761E-09	-64.166	0.000	0.000E+00	27.530	5.506	5.500E-10
900	7.101	1.420	9.439E-12	6.504	1.301	7.252E-12	-4.714	0.000	0.000E+00	33.516	6.703	9.923E-10	27.818	5.564	5.674E-10	69.539	13.908	8.863E-09	42.158	8.432	1.975E-09
901	11.533	2.307	4.044E-11	5.070	1.014	3.435E-12	-8.144	0.000	0.000E+00	100.337	20.067	2.662E-08	35.063	7.013	1.136E-09	54.140	10.828	4.182E-09	27.232	5.446	5.323E-10
902	-3.582	0.000	0.000E+00	7.231	1.446	9.966E-12	7.243	1.449	1.001E-11	27.930	5.586	5.743E-10	3.235	0.647	8.925E-13	15.990	3.198	1.078E-10	106.291	21.258	3.165E-08
903	46.087	9.217	2.580E-09	34.545	6.909	1.087E-09	10.454	2.091	3.011E-11	14.309	2.862	7.723E-11	45.636	9.127	2.505E-09	4.858	0.972	3.023E-12	27.451	5.490	5.452E-10
904	8.985	1.797	1.912E-11	113.455	22.691	3.849E-08	23.298	4.660	3.333E-10	102.868	20.574	2.869E-08	126.529	25.306	5.339E-08	7.162	1.432	9.681E-12	28.940	5.788	6.388E-10
905	4.314	0.863	2.116E-12	34.109	6.822	1.046E-09	112.616	22.523	3.764E-08	67.121	13.424	7.970E-09	6.487	1.297	7.195E-12	70.743	14.149	9.331E-09	121.501	24.300	4.727E-08
906	13.468	2.694	6.438E-11	116.043	23.209	4.119E-08	30.882	6.176	7.762E-10	11.941	2.388	4.488E-11	1.803	0.361	1.545E-13	16.800	3.360	1.250E-10	5.663	1.133	4.787E-12
907	41.936	8.387	1.944E-09	18.965	3.793	1.798E-10	42.019	8.404	1.955E-09	64.192	12.838	6.972E-09	112.708	22.542	3.774E-08	119.118	23.824	4.455E-08	104.321	20.864	2.992E-08
908	67.159	13.432	7.984E-09	-5.904	0.000	0.000E+00	49.217	9.843	3.142E-09	110.514	22.103	3.558E-08	4.077	0.815	1.786E-12	57.426	11.485	4.991E-09	130.075	26.015	5.801E-08
909	7.205	1.441	9.860E-12	119.413	23.883	4.488E-08	132.201	26.440	6.090E-08	131.476	26.295	5.990E-08	5.031	1.006	3.357E-12	91.247	18.249	2.002E-08	126.619	25.324	5.350E-08
910	-49.416	0.000	0.000E+00	4.789	0.958	2.894E-12	110.126	22.025	3.520E-08	124.526	24.905	5.089E-08	42.054	8.411	1.960E-09	95.005	19.001	2.260E-08	36.231	7.246	1.253E-09
911	21.697	4.339	2.692E-10	27.442	5.488	5.447E-10	14.410	2.882	7.886E-11	42.705	8.541	2.053E-09	9.208	1.842	2.058E-11	4.675	0.935	2.693E-12	87.124	17.425	1.743E-08
912	5.626	1.125	4.693E-12	-8.289	0.000	0.000E+00	65.807	13.161	7.511E-09	129.411	25.882	5.712E-08	101.920	20.384	2.790E-08	79.131	15.826	1.306E-08	37.402	7.480	1.379E-09
913	67.031	13.406	7.938E-09	32.269	6.454	8.856E-10	29.637	5.927	6.861E-10	25.835	5.167	4.545E-10	2.773	0.555	5.620E-13	105.819	21.164	3.123E-08	118.092	23.618	4.341E-08
914	2.955	0.591	6.800E-13	5.794	1.159	5.127E-12	7.937	1.587	1.318E-11	6.487	1.297	7.194E-12				20.929	4.186	2.416E-10	109.042	21.886	3.454E-08
915	112.882	22.576	3.791E-08	31.521	6.304	8.254E-10	-4.040	0.000	0.000E+00	118.331	23.666	4.367E-08				121.970	24.394	4.782E-08	-84.005	0.000	0.000E+00
916	12.049	2.410	4.611E-11	3.798	0.760	1.444E-12	14.196	2.839	7.540E-11	30.436	6.087	7.431E-10				5.789	1.158	5.115E-12	111.747	22.349	3.678E-08
917	5.017	1.003	3.327E-12	24.918	4.984	4.078E-10	37.225	7.445	1.360E-09	-3.060	0.000	0.000E+00				117.798	23.560	4.308E-08	105.789	21.158	3.120E-08
918	69.478	13.896	8.840E-09	4.230	0.846	1.995E-12	115.010	23.002	4.010E-08	64.041	12.808	6.923E-09				-10.086	0.000	0.000E+00	16.852	3.370	1.261E-10
919	40.301	8.060	1.725E-09	26.153	5.231	4.715E-10	29.463	5.893	6.741E-10	114.204	22.841	3.926E-08				61.150	12.230	6.027E-09	25.329	5.066	4.283E-10
920	199.604	39.921	2.096E-07	29.481	5.896	6.754E-10	138.661	27.732	7.027E-08	-37.554	0.000	0.000E+00				37.376	7.475	1.376E-09	73.147	14.629	1.032E-08
921	125.073	25.015	5.157E-08	31.575	6.315	8.297E-10	24.780	4.956	4.010E-10	4.889	0.978	3.081E-12				122.525	24.505	4.848E-08	115.522	23.104	4.063E-08
922	117.226	23.445	4.246E-08	48.453	9.691	2.998E-09	36.359	7.272	1.267E-09	105.935	21.187	3.133E-08				119.647	23.929	4.514E-08	108.891	21.778	3.403E-08
923	39.716	7.943	1.651E-09	35.034	7.007	1.133E-09	109.728	21.946	3.482E-08	61.316	12.263	6.076E-09				106.107	21.221	3.149E-08	-10.029	0.000	0.000E+00
924	5.403	1.081	4.158E-12	15.887	3.177	1.057E-10	-35.212	0.000	0.000E+00	101.017	20.203	2.717E-08				108.267	21.653	3.345E-08	123.792	24.758	5.000E-08
925	64.304	12.861	7.008E-09	6.234	1.247	6.386E-12	118.152	23.630	4.347E-08	58.155	11.631	5.184E-09				-105.402	0.000	0.000E+00	69.135	13.827	8.709E-09
926	94.662	18.932	2.236E-08	4.211	0.842	1.967E-12	126.996	25.399	5.398E-08	36.309	7.262	1.262E-09				-114.940	0.000	0.000E+00	18.969	3.794	1.799E-10
927	-9.701	0.000	0.000E+00	30.732	6.146	7.650E-10	6.791	1.358	8.254E-12	33.102	6.620	9.560E-10				105.682	21.136	3.111E-08	4.566	0.913	2.509E-12
928	29.970	5.994	7.095E-10	42.456	8.491	2.017E-09	30.011	6.002	7.124E-10	99.318	19.864	2.582E-08				89.660	17.932	1.900E-08	110.442	22.088	3.551E-08
929	131.538	26.308	5.999E-08	4.018	0.804	1.710E-12	2.779	0.556	5.655E-13	-112.621	0.000	0.000E+00				60.327	12.065	5.787E-09	65.007	13.001	7.240E-09
930	29.735	5.947	6.929E-10	21.010	4.202	2.444E-10	66.085	13.217	7.607E-09	62.880	12.576	6.553E-09				56.707	11.341	4.806E-09	76.616	15.323	1.185E-08
931	-15.081	0.000	0.000E+00	105.679	21.136	3.111E-08	15.938	3.188	1.067E-10	5.663	1.133	4.787E-12				96.013	19.203	2.333E-08	84.381	16.876	1.584E-08
932	120.347	24.069	4.594E-08	5.204	1.041	3.714E-12	-28.614	0.000	0.000E+00	9.169	1.834	2.032E-11				1.272	0.254	5.425E-14	123.858	24.772	5.008E-08
933	133.444	26.689	6.263E-08	6.486	1.297	7.190E-12	26.013	5.203	4.640E-10	169.177	33.835	1.276E-07				93.897	18.779	2.182E-08	67.785	13.557	8.209E-09
934	-142.135	0.000	0.000E+00	6.710	1.342	7.963E-12	38.972	7.794	1.560E-09	25.457	5.091	4.348E-10				4.023	0.805	1.716E-12	116.536	23.307	4.171E-08
935	-59.301	0.000	0.000E+00	-21.568	0.000	0.000E+00	204.336	40.867	2.249E-07	-3.704	0.000	0.000E+00				89.877	17.975	1.914E-08	100.048	20.010	2.639E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
936	114.431	22.886	3.949E-08	10.519	2.104	3.067E-11	77.000	15.400	1.203E-08	100.453	20.091	2.672E-08				126.330	25.266	5.314E-08	133.344	26.669	6.249E-08
937	122.040	24.408	4.791E-08	33.905	6.781	1.027E-09	87.808	17.562	1.784E-08	7.137	1.427	9.580E-12				-90.772	0.000	0.000E+00	142.545	28.509	7.634E-08
938	-103.013	0.000	0.000E+00	9.262	1.852	2.094E-11	-3.578	0.000	0.000E+00	-10.079	0.000	0.000E+00				101.746	20.349	2.776E-08	116.313	23.263	4.147E-08
939	108.248	21.650	3.343E-08	-29.076	0.000	0.000E+00	5.444	1.089	4.253E-12	-14.289	0.000	0.000E+00				128.044	25.609	5.533E-08	36.197	7.239	1.250E-09
940	100.498	20.100	2.675E-08	23.279	4.656	3.325E-10	32.664	6.533	9.185E-10	59.070	11.814	5.432E-09				42.505	8.501	2.024E-09	-5.090	0.000	0.000E+00
941	100.930	20.186	2.710E-08	29.748	5.950	6.938E-10	71.917	14.383	9.804E-09	-6.461	0.000	0.000E+00				115.721	23.144	4.084E-08	17.012	3.402	1.298E-10
942	20.350	4.070	2.221E-10	37.457	7.491	1.385E-09	19.626	3.925	1.992E-10	36.666	7.333	1.299E-09				-22.862	0.000	0.000E+00	-5.818	0.000	0.000E+00
943	71.820	14.364	9.764E-09	30.159	6.032	7.230E-10	110.567	22.113	3.563E-08	7.152	1.430	9.642E-12				-4.428	0.000	0.000E+00	118.593	23.719	4.396E-08
944	97.848	19.570	2.469E-08	25.375	5.075	4.306E-10	3.981	0.796	1.663E-12	-4.316	0.000	0.000E+00				122.217	24.443	4.812E-08	66.452	13.290	7.734E-09
945	93.152	18.630	2.130E-08	5.647	1.129	4.745E-12	3.858	0.772	1.513E-12	92.008	18.402	2.053E-08				66.688	13.338	7.817E-09	11.825	2.365	4.358E-11
946	68.869	13.774	8.609E-09	14.694	2.939	8.362E-11	129.603	25.921	5.738E-08	108.359	21.672	3.353E-08				23.172	4.634	3.279E-10	4.225	0.845	1.987E-12
947	32.092	6.418	8.711E-10	8.926	1.785	1.874E-11	5.644	1.129	4.740E-12	70.165	14.033	9.104E-09				-25.888	0.000	0.000E+00	2.967	0.593	6.883E-13
948	116.164	23.233	4.131E-08	126.477	25.295	5.332E-08	115.693	23.139	4.081E-08	5.266	1.053	3.849E-12				-50.077	0.000	0.000E+00	47.823	9.565	2.883E-09
949	32.257	6.451	8.846E-10	11.733	2.347	4.257E-11	45.894	9.179	2.548E-09	112.097	22.419	3.713E-08				71.297	14.259	9.552E-09	32.335	6.467	8.910E-10
950	116.495	23.299	4.167E-08	31.369	6.274	8.135E-10	72.835	14.567	1.018E-08	9.843	1.969	2.513E-11				99.557	19.911	2.601E-08	7.677	1.535	1.193E-11
951	112.611	22.522	3.764E-08	10.874	2.175	3.389E-11	130.416	26.083	5.846E-08	7.746	1.549	1.225E-11				3.726	0.745	1.363E-12	124.153	24.831	5.044E-08
952	45.471	9.094	2.478E-09	-4.680	0.000	0.000E+00	3.401	0.680	1.037E-12	118.760	23.752	4.415E-08				38.864	7.773	1.547E-09	2.545	0.509	4.343E-13
953	7.696	1.539	1.201E-11	9.187	1.837	2.044E-11	38.894	7.779	1.551E-09	31.632	6.326	8.342E-10				107.287	21.457	3.255E-08	52.058	10.412	3.718E-09
954	4.003	0.801	1.690E-12	31.901	6.380	8.557E-10	73.008	14.602	1.026E-08	113.851	22.770	3.890E-08				102.743	20.549	2.859E-08	125.105	25.021	5.161E-08
955	5.008	1.002	3.311E-12	-5.903	0.000	0.000E+00	-4.883	0.000	0.000E+00	114.372	22.874	3.943E-08				101.200	20.240	2.732E-08	98.541	19.708	2.522E-08
956	-6.740	0.000	0.000E+00	23.254	4.651	3.314E-10	68.223	13.645	8.369E-09	93.494	18.699	2.154E-08				100.427	20.085	2.670E-08	4.751	0.950	2.826E-12
957	25.420	5.084	4.329E-10	20.300	4.060	2.205E-10	126.859	25.372	5.381E-08	20.953	4.191	2.424E-10				94.860	18.972	2.250E-08	115.676	23.135	4.080E-08
958	-11.009	0.000	0.000E+00	73.094	14.619	1.029E-08	39.614	7.923	1.638E-09	-34.218	0.000	0.000E+00				115.264	23.053	4.036E-08	-4.113	0.000	0.000E+00
959	123.507	24.701	4.966E-08	33.061	6.612	9.524E-10	133.723	26.745	6.303E-08	8.101	1.620	1.401E-11				-52.106	0.000	0.000E+00	41.730	8.346	1.915E-09
960	3.827	0.765	1.477E-12	12.218	2.444	4.807E-11	120.863	24.173	4.653E-08	-19.984	0.000	0.000E+00				6.221	1.244	6.346E-12	7.185	1.437	9.778E-12
961	53.961	10.792	4.141E-09	30.539	6.108	7.506E-10	163.834	32.767	1.159E-07	32.594	6.519	9.127E-10				30.005	6.001	7.120E-10	85.541	17.108	1.650E-08
962	102.347	20.469	2.826E-08	4.353	0.871	2.174E-12	-178.878	0.000	0.000E+00	30.529	6.106	7.499E-10				36.284	7.257	1.259E-09	109.975	21.995	3.506E-08
963	121.371	24.274	4.712E-08	123.439	24.688	4.957E-08	60.312	12.062	5.782E-09	76.963	15.393	1.202E-08				114.934	22.987	4.002E-08	-86.819	0.000	0.000E+00
964	134.330	26.866	6.389E-08	5.371	1.074	4.085E-12	125.888	25.178	5.258E-08	40.610	8.122	1.765E-09				120.657	24.131	4.630E-08	7.816	1.563	1.259E-11
965	114.326	22.865	3.938E-08	9.132	1.826	2.007E-11	117.155	23.431	4.238E-08	20.767	4.153	2.360E-10				131.906	26.381	6.049E-08	6.709	1.342	7.958E-12
966	96.650	19.330	2.380E-08	3.791	0.758	1.436E-12	40.206	8.041	1.713E-09	42.169	8.434	1.976E-09				17.695	3.539	1.460E-10	-2.706	0.000	0.000E+00
967	2.923	0.585	6.581E-13	37.683	7.537	1.410E-09	108.544	21.709	3.371E-08	119.835	23.967	4.536E-08				20.977	4.195	2.433E-10	3.731	0.746	1.369E-12
968	33.445	6.689	9.860E-10	-4.223	0.000	0.000E+00	56.996	11.399	4.880E-09	48.972	9.794	3.096E-09				46.752	9.350	2.693E-09	125.789	25.158	5.246E-08
969	110.917	22.183	3.596E-08	33.943	6.789	1.031E-09	111.780	22.356	3.681E-08	119.037	23.807	4.446E-08				39.342	7.868	1.605E-09	119.268	23.854	4.472E-08
970	6.148	1.230	6.126E-12	21.812	4.362	2.735E-10	41.231	8.246	1.847E-09	136.527	27.305	6.707E-08				42.386	8.477	2.007E-09	61.724	12.345	6.198E-09
971	48.002	9.600	2.915E-09	23.184	4.637	3.284E-10	74.473	14.895	1.089E-08	3.177	0.635	8.448E-13				5.407	1.081	4.166E-12	105.567	21.113	3.101E-08
972	119.269	23.854	4.472E-08	40.241	8.048	1.717E-09	-62.308	0.000	0.000E+00	106.141	21.228	3.152E-08				72.115	14.423	9.885E-09	124.422	24.884	5.077E-08
973	8.141	1.628	1.422E-11	6.098	1.220	5.977E-12	62.840	12.568	6.540E-09	28.515	5.703	6.111E-10				82.853	16.571	1.499E-08	7.011	1.402	9.084E-12
974	119.207	23.841	4.465E-08	115.968	23.194	4.111E-08	7.234	1.447	9.976E-12	39.261	7.852	1.595E-09				59.190	11.838	5.466E-09	42.254	8.451	1.988E-09
975	4.778	0.956	2.876E-12	4.142	0.828	1.874E-12	206.836	41.367	2.332E-07	127.141	25.428	5.417E-08				105.534	21.107	3.098E-08	42.963	8.593	2.090E-09
976	116.599	23.320	4.178E-08	137.233	27.447	6.812E-08	50.312	10.062	3.357E-09	4.426	0.885	2.285E-12				35.645	7.129	1.194E-09	34.991	6.998	1.129E-09
977	111.347	22.269	3.638E-08	109.692	21.938	3.479E-08	73.887	14.777	1.063E-08	16.420	3.284	1.167E-10				3.608	0.722	1.238E-12	119.934	23.987	4.547E-08
978	18.487	3.697	1.665E-10	22.539	4.508	3.018E-10	6.690	1.338	7.893E-12	105.284	21.057	3.076E-08				4.650	0.930	2.650E-12	38.938	7.788	1.556E-09
979	6.478	1.296	7.165E-12	76.748	15.350	1.192E-08	94.575	18.915	2.230E-08	79.548	15.910	1.327E-08				35.082	7.016	1.138E-09	2.163	0.433	2.667E-13
980	95.303	19.061	2.281E-08	75.226	15.045	1.122E-08	23.345	4.669	3.353E-10	6.519	1.304	7.301E-12				119.724	23.945	4.523E-08	81.507	16.301	1.427E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19		
981	88.516	17.703	1.828E-08	-114.413	0.000	0.000E+00	81.835	16.367	1.444E-08	24.616	4.923	3.931E-10				70.666	14.133	9.301E-09	45.994	9.199	2.564E-09
982	61.427	12.285	6.109E-09	-83.145	0.000	0.000E+00	-80.154	0.000	0.000E+00	82.745	16.549	1.493E-08				6.811	1.362	8.328E-12	99.394	19.879	2.588E-08
983	-43.189	0.000	0.000E+00	113.759	22.752	3.880E-08	-3.918	0.000	0.000E+00	52.963	10.593	3.916E-09				115.589	23.118	4.070E-08	27.247	5.449	5.332E-10
984	126.465	25.293	5.331E-08	71.752	14.350	9.736E-09	74.917	14.983	1.108E-08	-69.798	0.000	0.000E+00				118.875	23.775	4.428E-08	3.489	0.698	1.120E-12
985	86.092	17.218	1.682E-08	105.326	21.065	3.080E-08	10.255	2.051	2.843E-11	35.587	7.117	1.188E-09				94.039	18.808	2.192E-08	83.755	16.751	1.549E-08
986	124.763	24.953	5.119E-08	67.533	13.507	8.118E-09	67.934	13.587	8.263E-09	-39.866	0.000	0.000E+00				1.744	0.349	1.398E-13	82.268	16.454	1.467E-08
987	-74.231	0.000	0.000E+00	115.349	23.070	4.045E-08	81.179	16.236	1.410E-08	104.802	20.960	3.034E-08				3.984	0.797	1.667E-12	38.688	7.738	1.526E-09
988	3.614	0.723	1.244E-12	6.708	1.342	7.954E-12	5.584	1.117	4.589E-12	126.711	25.342	5.362E-08				-4.474	0.000	0.000E+00	25.088	5.018	4.162E-10
989	119.805	23.961	4.532E-08	123.353	24.671	4.947E-08	99.841	19.968	2.623E-08	11.304	2.261	3.807E-11				111.365	22.273	3.640E-08	40.718	8.144	1.779E-09
990	116.543	23.309	4.172E-08	34.962	6.992	1.126E-09	124.371	24.874	5.070E-08	99.000	19.800	2.557E-08				103.309	20.662	2.906E-08	-2.820	0.000	0.000E+00
991	70.103	14.021	9.080E-09	126.927	25.385	5.390E-08	75.973	15.195	1.156E-08	50.203	10.041	3.335E-09				3.038	0.608	7.393E-13	64.275	12.855	6.999E-09
992	126.556	25.311	5.342E-08	110.208	22.042	3.528E-08	38.856	7.771	1.546E-09	70.188	14.038	9.114E-09				35.469	7.094	1.176E-09	2.227	0.445	2.911E-13
993	108.133	21.627	3.332E-08	89.159	17.832	1.868E-08	125.693	25.139	5.234E-08	121.308	24.262	4.705E-08				-55.479	0.000	0.000E+00	32.808	6.562	9.307E-10
994	121.118	24.224	4.683E-08	-16.267	0.000	0.000E+00	5.727	1.145	4.951E-12	102.035	20.407	2.800E-08				26.365	5.273	4.830E-10	60.823	12.165	5.931E-09
995	6.358	1.272	6.774E-12	46.657	9.331	2.677E-09	4.026	0.805	1.720E-12	4.470	0.894	2.354E-12				77.165	15.433	1.211E-08	5.334	1.067	4.000E-12
996	9.808	1.962	2.487E-11	62.414	12.483	6.408E-09	32.088	6.418	8.708E-10	14.094	2.819	7.379E-11				-10.426	0.000	0.000E+00	4.115	0.823	1.837E-12
997	70.865	14.173	9.380E-09	114.339	22.868	3.940E-08	102.779	20.556	2.862E-08	36.828	7.366	1.317E-09				5.502	1.100	4.389E-12	110.185	22.037	3.526E-08
998	-95.247	0.000	0.000E+00	26.229	5.246	4.756E-10	90.687	18.137	1.966E-08	21.919	4.384	2.776E-10				120.062	24.012	4.561E-08	28.067	5.613	5.828E-10
999	85.912	17.182	1.671E-08	3.347	0.669	9.886E-13	131.553	26.311	6.001E-08	37.883	7.577	1.433E-09				118.603	23.721	4.397E-08	108.132	21.626	3.332E-08
1000	98.516	19.703	2.520E-08	46.392	9.278	2.632E-09	60.307	12.061	5.781E-09	101.011	20.202	2.716E-08				5.139	1.028	3.578E-12	110.135	22.027	3.521E-08
1001	3.642	0.728	1.273E-12	13.429	2.686	6.383E-11	91.209	18.242	2.000E-08	118.000	23.600	4.331E-08				4.748	0.950	2.821E-12	102.713	20.543	2.856E-08
1002	107.881	21.576	3.309E-08	33.701	6.740	1.009E-09	76.709	15.342	1.190E-08	33.999	6.800	1.036E-09				127.012	25.402	5.400E-08	105.443	21.089	3.090E-08
1003	-85.280	0.000	0.000E+00	64.824	12.965	7.180E-09	113.328	22.666	3.836E-08	101.617	20.323	2.766E-08				4.067	0.813	1.774E-12	28.593	5.719	6.161E-10
1004	110.160	22.032	3.523E-08	-61.119	0.000	0.000E+00	65.258	13.052	7.325E-09	31.540	6.308	8.269E-10				29.600	5.920	6.836E-10	106.129	21.226	3.151E-08
1005	104.092	20.818	2.973E-08	48.824	9.765	3.068E-09	-2.661	0.000	0.000E+00	97.882	19.576	2.472E-08				100.920	20.184	2.709E-08	129.173	25.835	5.681E-08
1006	-23.084	0.000	0.000E+00	-66.921	0.000	0.000E+00	34.060	6.812	1.041E-09	30.087	6.017	7.178E-10				43.661	8.732	2.194E-09	35.100	7.020	1.140E-09
1007	105.948	21.190	3.134E-08	27.877	5.575	5.710E-10	5.727	1.145	4.950E-12	5.378	1.076	4.100E-12				7.808	1.562	1.255E-11	115.493	23.099	4.060E-08
1008	33.161	6.632	9.612E-10	91.441	18.288	2.015E-08	25.978	5.196	4.621E-10	3.517	0.703	1.146E-12				3.592	0.718	1.221E-12	114.464	22.893	3.953E-08
1009	61.921	12.384	6.257E-09	12.938	2.588	5.708E-11	3.806	0.761	1.453E-12	119.753	23.951	4.526E-08				-2.460	0.000	0.000E+00	112.946	22.589	3.798E-08
1010	114.443	22.889	3.951E-08	76.693	15.339	1.189E-08	116.548	23.310	4.173E-08	21.290	4.258	2.543E-10				74.136	14.827	1.074E-08	122.264	24.453	4.817E-08
1011	117.607	23.521	4.287E-08	174.206	34.841	1.393E-07	100.746	20.149	2.695E-08	7.195	1.439	9.816E-12				25.132	5.026	4.184E-10	31.500	6.300	8.238E-10
1012	38.133	7.627	1.461E-09	161.771	32.354	1.116E-07	4.700	0.940	2.737E-12	3.966	0.793	1.644E-12				196.320	39.264	1.994E-07	31.773	6.355	8.454E-10
1013	119.803	23.961	4.532E-08	104.608	20.922	3.017E-08	26.189	5.238	4.734E-10	115.400	23.080	4.050E-08				124.157	24.831	5.044E-08	114.345	22.869	3.940E-08
1014	109.194	21.839	3.432E-08	110.191	22.038	3.526E-08	7.203	1.441	9.848E-12	31.368	6.274	8.135E-10				3.341	0.668	9.829E-13	28.624	5.725	6.181E-10
1015	4.390	0.878	2.230E-12	163.733	32.747	1.157E-07	36.004	7.201	1.230E-09	13.555	2.711	6.565E-11				1.871	0.374	1.727E-13	125.546	25.109	5.215E-08
1016	117.678	23.536	4.295E-08	13.834	2.767	6.977E-11	7.893	1.579	1.296E-11	77.719	15.544	1.237E-08				93.579	18.716	2.160E-08	27.598	5.520	5.540E-10
1017	-95.196	0.000	0.000E+00	81.241	16.248	1.413E-08	5.967	1.193	5.600E-12	35.109	7.022	1.141E-09				3.194	0.639	8.589E-13	39.428	7.886	1.615E-09
1018	23.039	4.608	3.223E-10	86.739	17.348	1.720E-08	3.779	0.756	1.422E-12	64.130	12.826	6.951E-09				101.813	20.363	2.782E-08	94.057	18.811	2.193E-08
1019	25.010	5.002	4.123E-10	79.174	15.835	1.308E-08	50.549	10.110	3.404E-09	2.734	0.547	5.387E-13				10.679	2.136	3.210E-11	-38.080	0.000	0.000E+00
1020	5.262	1.052	3.840E-12	62.567	12.513	6.455E-09	114.773	22.955	3.985E-08	-11.244	0.000	0.000E+00				132.673	26.535	6.155E-08	4.464	0.893	2.344E-12
1021	90.041	18.008	1.924E-08	48.271	9.654	2.965E-09	21.498	4.300	2.619E-10	30.709	6.142	7.633E-10				33.185	6.637	9.632E-10	103.161	20.632	2.894E-08
1022	4.342	0.868	2.157E-12	-67.452	0.000	0.000E+00	121.160	24.232	4.688E-08	-6.627	0.000	0.000E+00				134.423	26.885	6.402E-08	4.043	0.809	1.742E-12
1023	37.583	7.517	1.399E-09	63.760	12.752	6.832E-09	-4.243	0.000	0.000E+00	106.676	21.335	3.200E-08				6.065	1.213	5.881E-12	119.356	23.871	4.482E-08
1024	10.740	2.148	3.265E-11	94.673	18.935	2.236E-08	34.433	6.887	1.076E-09	-50.686	0.000	0.000E+00				82.519	16.504	1.481E-08	2.044	0.409	2.251E-13
1025	35.075	7.015	1.137E-09	32.775	6.555	9.280E-10	31.232	6.246	8.029E-10	41.996	8.399	1.952E-09				46.682	9.336	2.681E-09	-3.958	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-01																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	
SG19	200000	11.4822	SG19			SG19			SG19			SG19			SG19			SG19			
1026	43.673	8.735	2.195E-09	3.816	0.763	1.465E-12	107.364	21.473	3.262E-08	15.445	3.089	9.711E-11			-2.637	0.000	0.000E+00	22.000	4.400	2.807E-10	
1027	118.431	23.686	4.378E-08	57.567	11.513	5.028E-09	87.892	17.578	1.790E-08	5.253	1.051	3.821E-12			3.726	0.745	1.364E-12	6.282	1.256	6.534E-12	
1028	113.747	22.749	3.879E-08	-83.469	0.000	0.000E+00	-67.268	0.000	0.000E+00	5.390	1.078	4.127E-12			87.649	17.530	1.775E-08	116.966	23.393	4.218E-08	
1029	114.534	22.907	3.960E-08	4.588	0.918	2.546E-12	94.047	18.809	2.192E-08	101.665	20.333	2.770E-08			23.811	4.762	3.558E-10	19.695	3.939	2.014E-10	
1030	6.762	1.352	8.149E-12	118.686	23.737	4.406E-08	16.746	3.349	1.238E-10	39.375	7.875	1.609E-09			118.877	23.775	4.428E-08	68.429	13.686	8.445E-09	
1031	7.073	1.415	9.328E-12	-109.763	0.000	0.000E+00	112.176	22.435	3.720E-08	113.834	22.767	3.888E-08						91.231	18.246	2.001E-08	
1032	72.209	14.442	9.923E-09	97.093	19.419	2.412E-08	39.222	7.844	1.590E-09	58.223	11.645	5.202E-09									
1033	32.014	6.403	8.648E-10	104.327	20.865	2.993E-08	128.822	25.764	5.635E-08	31.503	6.301	8.240E-10									
1034	17.774	3.555	1.480E-10	156.458	31.292	1.009E-07	34.846	6.969	1.115E-09	89.374	17.875	1.882E-08									
1035	24.039	4.808	3.661E-10	84.108	16.822	1.568E-08	3.336	0.667	9.785E-13	119.401	23.880	4.487E-08									
1036	56.113	11.223	4.657E-09	105.926	21.185	3.133E-08	7.370	1.474	1.055E-11	3.595	0.719	1.225E-12									
1037	27.582	5.516	5.530E-10	64.472	12.894	7.063E-09	114.932	22.986	4.001E-08	113.536	22.707	3.857E-08									
1038	109.398	21.880	3.451E-08	64.483	12.897	7.067E-09	95.989	19.198	2.331E-08	5.455	1.091	4.278E-12									
1039	67.775	13.555	8.205E-09	116.778	23.356	4.197E-08	3.971	0.794	1.650E-12												
1040	38.778	7.756	1.537E-09	87.468	17.494	1.764E-08	79.650	15.930	1.332E-08												
1041	13.339	2.668	6.256E-11	75.375	15.075	1.129E-08	4.230	0.846	1.995E-12												
1042	3.245	0.649	9.010E-13	112.969	22.594	3.800E-08	96.702	19.340	2.383E-08												
1043	52.488	10.498	3.811E-09	77.073	15.415	1.207E-08	44.301	8.860	2.292E-09												
1044	37.522	7.504	1.392E-09	50.159	10.032	3.326E-09	22.028	4.406	2.817E-10												
1045	-1.288	0.000	0.000E+00	70.884	14.177	9.387E-09	6.953	1.391	8.858E-12												
1046	28.625	5.725	6.182E-10	27.243	5.449	5.329E-10	32.072	6.414	8.695E-10												
1047	123.246	24.649	4.934E-08	128.836	25.767	5.636E-08	42.387	8.477	2.007E-09												
1048	106.956	21.391	3.225E-08	8.705	1.741	1.739E-11	110.698	22.140	3.575E-08												
1049	119.472	23.894	4.495E-08	42.317	8.463	1.997E-09	27.289	5.458	5.356E-10												
1050	119.837	23.967	4.536E-08	115.653	23.131	4.077E-08	40.166	8.033	1.708E-09												
1051	5.623	1.125	4.686E-12	-2.671	0.000	0.000E+00	58.932	11.786	5.394E-09												
1052				90.436	18.087	1.949E-08	83.016	16.603	1.508E-08												
1053				-5.141	0.000	0.000E+00	1.033	0.207	2.907E-14												
1054				23.714	4.743	3.515E-10	62.477	12.495	6.428E-09												
1055				107.708	21.542	3.293E-08	35.310	7.062	1.160E-09												
1056				106.037	21.207	3.142E-08	124.155	24.831	5.044E-08												
1057				159.821	31.964	1.076E-07	26.226	5.245	4.754E-10												
1058				67.443	13.489	8.085E-09	28.792	5.758	6.291E-10												
1059				95.570	19.114	2.301E-08	21.700	4.340	2.693E-10												
1060				3.206	0.641	8.684E-13	36.506	7.301	1.282E-09												
1061				-4.977	0.000	0.000E+00	68.439	13.688	8.449E-09												
1062				105.946	21.189	3.134E-08	35.190	7.038	1.148E-09												
1063				114.489	22.898	3.955E-08	26.258	5.252	4.772E-10												
1064				110.555	22.111	3.561E-08	120.897	24.179	4.657E-08												
1065				3.060	0.612	7.550E-13	6.506	1.301	7.257E-12												
1066				56.469	11.294	4.746E-09	1.964	0.393	1.996E-13												
1067				25.582	5.116	4.412E-10	96.778	19.356	2.389E-08												
1068				6.492	1.298	7.210E-12	24.952	4.990	4.095E-10												
1069				36.099	7.220	1.240E-09	8.046	1.609	1.373E-11												
1070				56.919	11.384	4.860E-09															

Data: Flyover 3 - Span 8 (45.00 m) - IG-01

[illegible]

Flyover 3 - Span 8 (45.00 m) - IG-02
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4		Day 5		Day 6		Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
Max.	39.165	1.979E-07		40.485	2.186E-07		36.232	1.567E-07		47.624	3.559E-07	38.572	1.891E-07	38.969	1.950E-07	40.203	2.141E-07
Cum.	-	5.562E-06		-	4.607E-06		-	5.018E-06		-	6.770E-06	-	5.452E-06	-	4.574E-06	-	4.904E-06

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
1	105.548	21.110	3.099E-08	4.639	0.928	2.630E-12	103.761	20.752	2.944E-08	10.773	2.155	3.296E-11	110.034	22.007	3.511E-08	7.064	1.413	9.289E-12	33.360	6.672	9.785E-10
2	10.465	2.093	3.021E-11	15.712	3.142	1.022E-10	48.175	9.635	2.947E-09	90.063	18.013	1.925E-08	-0.346	0.000	0.000E+00	16.037	3.207	1.087E-10	9.190	1.838	2.045E-11
3	10.561	2.112	3.105E-11	21.300	4.260	2.547E-10	82.674	16.535	1.489E-08	91.287	18.257	2.005E-08	-60.645	0.000	0.000E+00	21.485	4.297	2.614E-10	78.448	15.690	1.272E-08
4	180.314	36.063	1.545E-07	84.731	16.946	1.603E-08	100.147	20.029	2.647E-08	101.551	20.310	2.760E-08	0.285	0.057	6.093E-16	14.367	2.873	7.815E-11	101.981	20.396	2.795E-08
5	84.903	16.981	1.613E-08	92.158	18.432	2.063E-08	107.002	21.400	3.229E-08	10.144	2.029	2.751E-11	-43.500	0.000	0.000E+00	103.488	20.698	2.921E-08	13.306	2.661	6.209E-11
6	-22.424	0.000	0.000E+00	88.056	17.611	1.800E-08	86.331	17.266	1.696E-08	102.787	20.557	2.862E-08	0.356	0.071	1.188E-15	11.124	2.225	3.628E-11	8.898	1.780	1.857E-11
7	56.886	11.377	4.852E-09	18.230	3.646	1.597E-10	81.827	16.365	1.444E-08	5.624	1.125	4.688E-12	-0.387	0.000	0.000E+00	98.820	19.764	2.543E-08	87.036	17.407	1.738E-08
8	64.583	12.917	7.100E-09	98.093	19.619	2.488E-08	7.811	1.562	1.256E-11	94.844	18.969	2.249E-08	-20.334	0.000	0.000E+00	9.294	1.859	2.116E-11	10.022	2.004	2.653E-11
9	40.781	8.156	1.788E-09	99.707	19.941	2.613E-08	102.071	20.414	2.803E-08	29.773	5.955	6.956E-10	63.782	12.756	6.839E-09	24.127	4.825	3.702E-10	104.804	20.961	3.034E-08
10	94.969	18.994	2.258E-08	101.401	20.280	2.748E-08	-74.226	0.000	0.000E+00	9.968	1.994	2.611E-11	0.268	0.054	5.084E-16	6.990	1.398	9.002E-12	20.057	4.011	2.126E-10
11	101.351	20.270	2.744E-08	22.268	4.454	2.910E-10	71.263	14.253	9.539E-09	88.047	17.609	1.799E-08	45.726	9.145	2.520E-09	33.869	6.774	1.024E-09	8.647	1.729	1.704E-11
12	99.614	19.923	2.605E-08	58.632	11.726	5.312E-09	12.288	2.458	4.890E-11	51.095	10.219	3.516E-09	43.313	8.663	2.142E-09	83.051	16.610	1.510E-08	7.687	1.537	1.197E-11
13	60.180	12.036	5.744E-09	90.872	18.174	1.978E-08	5.634	1.127	4.713E-12	-69.979	0.000	0.000E+00	63.485	12.697	6.744E-09	32.708	6.542	9.222E-10	24.626	4.925	3.936E-10
14	5.102	1.020	3.500E-12	34.269	6.854	1.061E-09	85.107	17.021	1.625E-08	-1.755	0.000	0.000E+00	16.542	3.308	1.193E-10	109.916	21.983	3.500E-08	26.386	5.277	4.842E-10
15	98.679	19.736	2.533E-08	8.908	1.782	1.863E-11	105.605	21.121	3.104E-08	105.963	21.193	3.136E-08	73.259	14.652	1.036E-08	105.005	21.001	3.052E-08	0.677	0.135	8.168E-15
16	1.293	0.259	5.702E-14	23.604	4.721	3.466E-10	-1.184	0.000	0.000E+00	53.885	10.777	4.124E-09	59.928	11.986	5.673E-09	101.337	20.267	2.743E-08	9.083	1.817	1.975E-11
17	36.441	7.288	1.275E-09	22.570	4.514	3.030E-10	48.663	9.733	3.037E-09	111.370	22.274	3.641E-08	20.837	4.167	2.384E-10	22.262	4.452	2.908E-10	19.636	3.927	1.995E-10
18	24.495	4.899	3.874E-10	66.308	13.262	7.684E-09	106.749	21.350	3.206E-08	30.406	6.081	7.409E-10	9.516	1.903	2.271E-11	40.897	8.179	1.803E-09	108.725	21.745	3.387E-08
19	195.823	39.165	1.979E-07	25.997	5.199	4.631E-10	23.450	4.690	3.399E-10	33.105	6.621	9.562E-10	10.498	2.100	3.049E-11	71.376	14.275	9.584E-09	-51.439	0.000	0.000E+00
20	117.078	23.416	4.230E-08	7.132	1.426	9.561E-12	9.159	1.832	2.025E-11	113.653	22.731	3.869E-08	99.059	19.812	2.562E-08	105.751	21.150	3.117E-08	59.385	11.877	5.520E-09
21	80.063	16.013	1.353E-08	95.298	19.060	2.281E-08	35.377	7.075	1.167E-09	120.051	24.010	4.560E-08	94.654	18.931	2.235E-08	7.100	1.420	9.432E-12	83.539	16.708	1.537E-08
22	68.683	13.737	8.539E-09	-36.134	0.000	0.000E+00	58.329	11.666	5.231E-09	54.447	10.889	4.254E-09	85.400	17.080	1.642E-08	11.188	2.238	3.691E-11	-99.169	0.000	0.000E+00
23	24.518	4.904	3.884E-10	100.665	20.133	2.689E-08	60.989	12.198	5.979E-09	0.588	0.118	5.346E-15	5.207	1.041	3.722E-12	10.101	2.020	2.717E-11	85.308	17.062	1.636E-08
24	101.502	20.300	2.756E-08	69.570	13.914	8.875E-09	114.005	22.801	3.905E-08	61.797	12.359	6.220E-09	79.024	15.805	1.301E-08	8.742	1.748	1.761E-11	19.584	3.917	1.980E-10
25	8.655	1.731	1.709E-11	9.692	1.938	2.400E-11	30.397	6.079	7.403E-10	8.041	1.608	1.370E-11	107.301	21.460	3.256E-08	114.740	22.948	3.981E-08	1.746	0.349	1.403E-13
26	119.753	23.951	4.526E-08	69.405	13.881	8.812E-09	69.801	13.960	8.964E-09	111.297	22.259	3.634E-08	103.558	20.712	2.927E-08	123.096	24.619	4.916E-08	19.655	3.931	2.001E-10
27	120.330	24.066	4.592E-08	123.985	24.797	5.023E-08	15.989	3.198	1.077E-10	105.727	21.145	3.115E-08	99.736	19.947	2.615E-08	28.496	5.699	6.099E-10	-34.338	0.000	0.000E+00
28	9.180	1.836	2.039E-11	7.925	1.585	1.312E-11	93.610	18.722	2.162E-08	42.897	8.579	2.081E-09	3.557	0.711	1.186E-12	71.972	14.394	9.826E-09	7.124	1.425	9.528E-12
29	28.231	5.646	5.930E-10	8.642	1.728	1.701E-11	9.097	1.819	1.984E-11	2.057	0.411	2.292E-13	18.398	3.680	1.641E-10	12.056	2.411	4.619E-11	108.142	21.628	3.333E-08
30	140.654	28.131	7.334E-08	15.202	3.040	9.260E-11	103.058	20.612	2.885E-08	6.231	1.246	6.375E-12	92.468	18.494	2.084E-08	68.435	13.687	8.448E-09	116.242	23.248	4.140E-08
31	19.570	3.914	1.975E-10	121.193	24.239	4.692E-08	55.339	11.068	4.467E-09	16.455	3.291	1.174E-10	11.613	2.323	4.128E-11	5.369	1.074	4.080E-12	9.169	1.834	2.032E-11
32	103.102	20.620	2.889E-08	105.704	21.141	3.113E-08	-0.385	0.000	0.000E+00	76.515	15.303	1.181E-08	97.401	19.480	2.435E-08	65.185	13.037	7.300E-09	8.516	1.703	1.628E-11
33	95.269	19.054	2.279E-08	15.897	3.179	1.059E-10	61.852	12.370	6.237E-09	41.929	8.386	1.943E-09	8.101	1.620	1.401E-11	107.728	21.546	3.295E-08	10.816	2.163	3.335E-11
34	12.153	2.431	4.731E-11	5.890	1.178	5.385E-12	23.237	4.647	3.307E-10	109.240	21.848	3.436E-08	87.762	17.552	1.782E-08	69.679	13.936	8.917E-09	58.311	11.662	5.226E-09
35	8.916	1.783	1.868E-11	106.473	21.295	3.181E-08	97.666	19.533	2.455E-08	105.455	21.091	3.091E-08	100.717	20.143	2.693E-08	19.678	3.936	2.008E-10	6.896	1.379	8.645E-12

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
36	91.178	18.236	1.998E-08	83.060	16.612	1.510E-08	7.623	1.525	1.168E-11	47.708	9.542	2.862E-09	10.316	2.063	2.893E-11	23.297	4.659	3.333E-10	10.864	2.173	3.380E-11
37	8.306	1.661	1.510E-11	1.348	0.270	6.462E-14	57.284	11.457	4.954E-09	111.175	22.235	3.622E-08	21.031	4.206	2.452E-10	106.679	21.336	3.200E-08	107.618	21.524	3.285E-08
38	18.044	3.609	1.548E-10	94.412	18.882	2.218E-08	-25.018	0.000	0.000E+00	16.188	3.238	1.118E-10	15.188	3.038	9.235E-11	60.354	12.071	5.794E-09	60.705	12.141	5.896E-09
39	103.932	20.786	2.959E-08	75.648	15.130	1.141E-08	21.902	4.380	2.769E-10	40.342	8.068	1.730E-09	100.007	20.001	2.636E-08	84.841	16.968	1.610E-08	18.805	3.761	1.753E-10
40	94.602	18.920	2.231E-08	31.892	6.378	8.549E-10	104.595	20.919	3.016E-08	7.606	1.521	1.160E-11	13.697	2.739	6.773E-11	16.943	3.389	1.282E-10	95.518	19.104	2.297E-08
41	33.413	6.683	9.832E-10	77.747	15.549	1.239E-08	9.897	1.979	2.555E-11	7.401	1.480	1.069E-11	104.138	20.828	2.977E-08	19.084	3.817	1.832E-10	65.461	13.092	7.393E-09
42	81.686	16.337	1.437E-08	11.480	2.296	3.988E-11	0.654	0.131	7.364E-15	5.674	1.135	4.815E-12	109.411	21.882	3.452E-08	66.745	13.349	7.837E-09	9.524	1.905	2.277E-11
43	-60.407	0.000	0.000E+00	106.782	21.356	3.209E-08	122.517	24.503	4.847E-08	54.071	10.814	4.167E-09	22.307	4.461	2.926E-10	30.772	6.154	7.680E-10	107.433	21.487	3.268E-08
44	65.696	13.139	7.473E-09	73.319	14.664	1.039E-08	37.393	7.479	1.378E-09	34.126	6.825	1.047E-09	9.600	1.920	2.332E-11	62.396	12.479	6.403E-09	28.207	5.641	5.915E-10
45	91.171	18.234	1.997E-08	116.827	23.365	4.203E-08	81.905	16.381	1.448E-08	11.267	2.253	3.770E-11	11.230	2.246	3.733E-11	106.712	21.342	3.203E-08	17.981	3.596	1.532E-10
46	79.008	15.802	1.300E-08	9.126	1.825	2.003E-11	10.812	2.162	3.332E-11	-12.903	0.000	0.000E+00	10.159	2.032	2.763E-11	194.843	38.969	1.950E-07	1.658	0.332	1.201E-13
47	73.798	14.760	1.059E-08	50.834	10.167	3.462E-09	52.933	10.587	3.909E-09	112.094	22.419	3.712E-08	79.203	15.841	1.310E-08	13.062	2.612	5.874E-11	18.886	3.777	1.776E-10
48	9.518	1.904	2.273E-11	105.810	21.162	3.122E-08	81.089	16.218	1.405E-08	56.680	11.336	4.799E-09	114.671	22.934	3.974E-08	99.830	19.966	2.622E-08	23.563	4.713	3.448E-10
49	8.212	1.642	1.459E-11	60.871	12.174	5.945E-09	80.583	16.117	1.379E-08	97.730	19.546	2.460E-08	11.470	2.294	3.978E-11	70.273	14.055	9.147E-09	105.716	21.143	3.114E-08
50	105.518	21.104	3.096E-08	4.570	0.914	2.515E-12	5.539	1.108	4.479E-12	11.167	2.233	3.670E-11	110.020	22.004	3.510E-08	112.793	22.559	3.782E-08	24.604	4.921	3.925E-10
51	11.153	2.231	3.657E-11	16.581	3.316	1.201E-10	84.433	16.887	1.586E-08	28.879	5.776	6.348E-10	82.270	16.454	1.468E-08	86.349	17.270	1.697E-08	9.243	1.849	2.082E-11
52	100.440	20.088	2.671E-08	23.702	4.740	3.510E-10	-5.086	0.000	0.000E+00	7.583	1.517	1.149E-11	70.655	14.131	9.297E-09	103.102	20.620	2.889E-08	10.269	2.054	2.854E-11
53	32.558	6.512	9.097E-10	33.631	6.726	1.003E-09	94.005	18.801	2.190E-08	48.483	9.697	3.004E-09	10.659	2.132	3.192E-11	10.478	2.096	3.032E-11	21.265	4.253	2.534E-10
54	104.846	20.969	3.038E-08	48.852	9.770	3.073E-09	91.490	18.298	2.018E-08	71.323	14.265	9.563E-09	98.889	19.778	2.549E-08	61.499	12.300	6.130E-09	61.708	12.342	6.193E-09
55	38.408	7.682	1.493E-09	75.493	15.099	1.134E-08	15.675	3.135	1.015E-10	105.198	21.040	3.068E-08	70.871	14.174	9.382E-09	20.536	4.107	2.283E-10	104.869	20.974	3.040E-08
56	4.176	0.835	1.920E-12	17.796	3.559	1.485E-10	25.026	5.005	4.131E-10	24.996	4.999	4.116E-10	5.152	1.030	3.604E-12	-17.005	0.000	0.000E+00	23.347	4.669	3.354E-10
57	98.155	19.631	2.492E-08	72.607	14.521	1.009E-08	25.768	5.154	4.509E-10	105.510	21.102	3.096E-08	31.447	6.289	8.196E-10	8.264	1.653	1.487E-11	99.045	19.809	2.561E-08
58	18.783	3.757	1.746E-10	6.205	1.241	6.296E-12	38.757	7.751	1.534E-09	9.611	1.922	2.340E-11	54.868	10.974	4.354E-09	61.583	12.317	6.156E-09	24.505	4.901	3.879E-10
59	23.481	4.696	3.412E-10	53.654	10.731	4.071E-09	61.182	12.236	6.036E-09	94.381	18.876	2.216E-08	104.799	20.960	3.034E-08	23.031	4.606	3.220E-10	62.105	12.421	6.313E-09
60	128.963	25.793	5.653E-08	44.163	8.833	2.270E-09	94.473	18.895	2.222E-08	77.589	15.518	1.231E-08	104.724	20.945	3.027E-08	16.536	3.307	1.192E-10	107.281	21.456	3.254E-08
61	12.191	2.438	4.776E-11	58.191	11.638	5.193E-09	21.741	4.348	2.708E-10	59.895	11.979	5.663E-09	15.532	3.106	9.875E-11	39.298	7.860	1.600E-09	10.560	2.112	3.104E-11
62	18.859	3.772	1.768E-10	79.274	15.855	1.313E-08	115.928	23.186	4.106E-08	112.246	22.449	3.727E-08	106.440	21.288	3.178E-08	5.202	1.040	3.711E-12	6.055	1.211	5.850E-12
63	9.031	1.806	1.941E-11	-2.658	0.000	0.000E+00	60.102	12.020	5.722E-09	238.122	47.624	3.559E-07	28.390	5.678	6.031E-10	55.516	11.103	4.510E-09	102.202	20.440	2.814E-08
64	84.949	16.990	1.616E-08	0.952	0.190	2.277E-14	105.677	21.135	3.111E-08	61.415	12.283	6.105E-09	15.101	3.020	9.077E-11	97.383	19.477	2.434E-08	5.083	1.017	3.461E-12
65	71.894	14.379	9.794E-09	26.100	5.220	4.686E-10	104.102	20.820	2.973E-08	73.671	14.734	1.054E-08	8.910	1.782	1.864E-11	110.738	22.148	3.579E-08	37.734	7.547	1.416E-09
66	60.331	12.066	5.788E-09	-1.694	0.000	0.000E+00	21.041	4.208	2.455E-10	39.752	7.950	1.656E-09	75.361	15.072	1.128E-08	16.641	3.328	1.215E-10	34.720	6.944	1.103E-09
67	10.314	2.063	2.892E-11	5.196	1.039	3.698E-12	18.606	3.721	1.698E-10	53.562	10.712	4.050E-09	28.705	5.741	6.234E-10	43.629	8.726	2.189E-09	1.167	0.233	4.189E-14
68	78.982	15.796	1.299E-08	49.401	9.880	3.178E-09	66.187	13.237	7.642E-09	19.882	3.976	2.072E-10	94.788	18.958	2.245E-08	2.450	0.490	3.877E-13	12.463	2.493	5.102E-11
69	9.999	2.000	2.635E-11	24.835	4.967	4.037E-10	17.116	3.423	1.322E-10	79.803	15.961	1.340E-08	23.511	4.702	3.425E-10	17.991	3.598	1.535E-10	84.410	16.882	1.585E-08
70	64.376	12.875	7.032E-09	16.907	3.381	1.274E-10	109.170	21.834	3.429E-08	112.707	22.541	3.773E-08	-21.033	0.000	0.000E+00	5.194	1.039	3.693E-12	21.144	4.229	2.491E-10
71	35.620	7.124	1.191E-09	103.669	20.734	2.937E-08	105.064	21.013	3.057E-08	60.075	12.015	5.714E-09	4.392	0.878	2.233E-12	8.815	1.763	1.805E-11	69.596	13.919	8.885E-09
72	4.982	0.996	3.258E-12	11.028	2.206	3.535E-11	137.873	27.575	6.908E-08	57.384	11.477	4.980E-09	29.773	5.955	6.956E-10	14.378	2.876	7.834E-11	26.317	5.263	4.804E-10
73	94.671	18.934	2.236E-08	82.508	16.502	1.480E-08	102.379	20.476	2.828E-08	21.748	4.350	2.711E-10	92.262	18.452	2.070E-08	10.275	2.055	2.859E-11	129.115	25.823	5.673E-08
74	11.436	2.287	3.942E-11	102.745	20.549	2.859E-08	104.664	20.933	3.022E-08	151.871	30.374	9.232E-08	14.584	2.917	8.176E-11	17.041	3.408	1.304E-10	65.332	13.066	7.350E-09
75	26.352	5.270	4.823E-10	36.111	7.222	1.241E-09	8.990	1.798	1.915E-11	66.903	13.381	7.893E-09	70.783	14.157	9.347E-09	12.563	2.513	5.226E-11	13.939	2.788	7.139E-11
76	35.879	7.176	1.217E-09	59.055	11.811	5.428E-09	89.991	17.998	1.921E-08	11.541	2.308	4.052E-11	14.378	2.876	7.834E-11	3.348	0.670	9.888E-13	6.588	1.318	7.537E-12
77	72.335	14.467	9.975E-09	72.484	14.497	1.004E-08	30.623	6.125	7.569E-10	61.298	12.260	6.071E-09	33.464	6.693	7.875E-10	18.458	3.692	1.657E-10	11.231	2.246	3.733E-11
78	44.241	8.848	2.282E-09	10.359	2.072	2.930E-11	20.309	4.062	2.208E-10	173.540	34.708	1.377E-07	101.544	20.309	2.760E-08	8.070	1.614	1.385E-11	57.313	11.463	4.962E-09
79	107.231	21.446	3.250E-08	109.188	21.838	3.431E-08	8.093	1.619	1.397E-11	96.348	19.270	2.357E-08	60.322	12.064	5.785E-09	32.227	6.445	8.822E-10	84.850	16.970	1.610E-08
80	24.779	4.956	4.010E-10	67.510	13.502	8.110E-09	15.811	3.162	1.042E-10	106.869	21.374	3.217									

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
81	12.068	2.414	4.632E-11	113.406	22.681	3.844E-08	3.349	0.670	9.904E-13	58.881	11.776	5.380E-09	14.505	2.901	8.044E-11	113.288	22.658	3.832E-08	18.372	3.674	1.634E-10
82	22.546	4.509	3.021E-10	111.053	22.211	3.610E-08	82.896	16.579	1.501E-08	3.320	0.664	9.646E-13	4.633	0.927	2.620E-12	1.728	0.346	1.359E-13	23.751	4.750	3.531E-10
83	22.445	4.489	2.980E-10	55.724	11.145	4.561E-09	94.994	18.999	2.259E-08	80.101	16.020	1.355E-08	10.606	2.121	3.145E-11	60.651	12.130	5.880E-09	55.281	11.056	4.453E-09
84	14.879	2.976	8.682E-11	10.523	2.105	3.071E-11	6.556	1.311	7.427E-12	7.755	1.551	1.229E-11	43.851	8.770	2.222E-09	20.673	4.135	2.329E-10	104.934	20.987	3.045E-08
85	109.127	21.825	3.425E-08	83.349	16.670	1.526E-08	26.025	5.205	4.646E-10	104.127	20.825	2.976E-08	53.615	10.723	4.062E-09	8.595	1.719	1.674E-11	65.848	13.170	7.525E-09
86	7.013	1.403	9.092E-12	20.142	4.028	2.154E-10	22.282	4.456	2.916E-10	-36.910	0.000	0.000E+00	25.220	5.044	4.228E-10	87.917	17.583	1.791E-08	28.423	5.685	6.052E-10
87	87.016	17.403	1.737E-08	31.616	6.323	8.330E-10	24.521	4.904	3.886E-10	14.650	2.930	8.287E-11	27.096	5.419	5.243E-10	3.640	0.728	1.271E-12	39.454	7.891	1.619E-09
88	79.747	15.949	1.337E-08	22.156	4.431	2.866E-10	107.372	21.474	3.263E-08	7.496	1.499	1.110E-11	73.595	14.719	1.051E-08	104.735	20.947	3.028E-08	26.674	5.335	5.002E-10
89	-43.025	0.000	0.000E+00	113.429	22.686	3.847E-08	81.424	16.285	1.423E-08	186.285	37.257	1.704E-07	26.954	5.391	5.161E-10	10.347	2.069	2.919E-11	10.080	2.016	2.699E-11
90	103.650	20.730	2.935E-08	11.618	2.324	4.133E-11	58.596	11.719	5.303E-09	111.697	22.339	3.673E-08	58.968	11.794	5.404E-09	96.464	19.293	2.366E-08	70.765	14.153	9.340E-09
91	91.013	18.203	1.987E-08	112.369	22.474	3.740E-08	16.306	3.261	1.143E-10	104.294	20.859	2.990E-08	-58.931	0.000	0.000E+00	23.844	4.769	3.573E-10	12.349	2.470	4.964E-11
92	81.635	16.327	1.434E-08	18.420	3.684	1.647E-10	22.113	4.423	2.850E-10	78.366	15.673	1.268E-08	5.046	1.009	3.387E-12	37.019	7.404	1.337E-09	90.934	18.187	1.982E-08
93	65.303	13.061	7.340E-09	79.647	15.929	1.332E-08	4.754	0.951	2.832E-12	64.022	12.804	6.916E-09	14.050	2.810	7.310E-11	109.904	21.981	3.499E-08	83.364	16.673	1.527E-08
94	0.182	0.036	1.601E-16	96.270	19.254	2.352E-08	91.031	18.206	1.988E-08	32.021	6.404	8.653E-10	11.208	2.242	3.711E-11	8.879	1.776	1.845E-11	22.739	4.548	3.099E-10
95	65.502	13.100	7.407E-09	90.237	18.047	1.937E-08	1.226	0.245	4.860E-14	8.574	1.715	1.661E-11	8.234	1.647	1.471E-11	98.158	19.632	2.493E-08	5.527	1.105	4.450E-12
96	49.410	9.882	3.179E-09	54.224	10.845	4.202E-09	34.144	6.829	1.049E-09	23.250	4.650	3.313E-10	19.285	3.857	1.890E-10	10.351	2.070	2.923E-11	179.583	35.917	1.526E-07
97	20.992	4.198	2.438E-10	14.226	2.845	7.588E-11	64.923	12.985	7.212E-09	68.270	13.654	8.386E-09	42.398	8.480	2.009E-09	7.938	1.588	1.318E-11	4.989	0.998	3.273E-12
98	-29.320	0.000	0.000E+00	18.875	3.775	1.772E-10	81.667	16.333	1.436E-08	109.152	21.830	3.428E-08	-22.762	0.000	0.000E+00	64.338	12.868	7.019E-09	11.086	2.217	3.591E-11
99	63.322	12.664	6.692E-09	19.620	3.924	1.990E-10	59.574	11.915	5.573E-09	29.593	5.919	6.830E-10	37.024	7.405	1.338E-09	22.794	4.559	3.121E-10	92.575	18.515	2.091E-08
100	61.248	12.250	6.056E-09	9.845	1.969	2.515E-11	22.437	4.487	2.977E-10	24.411	4.882	3.834E-10	28.675	5.735	6.215E-10	89.436	17.887	1.885E-08	115.873	23.175	4.101E-08
101	109.116	21.823	3.424E-08	111.152	22.230	3.619E-08	32.506	6.501	9.053E-10	8.924	1.785	1.873E-11	14.542	2.908	8.105E-11	22.319	4.464	2.930E-10	2.606	0.521	4.665E-13
102	39.357	7.871	1.607E-09	9.229	1.846	2.072E-11	44.443	8.889	2.314E-09	112.646	22.529	3.767E-08	48.031	9.606	2.920E-09	4.619	0.924	2.597E-12	99.884	19.977	2.627E-08
103	93.386	18.677	2.147E-08	106.340	21.268	3.169E-08	10.534	2.107	3.081E-11	22.953	4.591	3.187E-10	64.286	12.857	7.002E-09	22.002	4.400	2.807E-10	34.101	6.820	1.045E-09
104	9.862	1.972	2.528E-11	41.389	8.278	1.869E-09	76.081	15.216	1.161E-08	202.318	20.464	8.232E-08	31.405	6.281	8.164E-10	28.331	5.666	5.993E-10	23.862	4.772	3.581E-10
105	7.161	1.432	9.680E-12	23.936	4.787	3.614E-10	-99.948	0.000	0.000E+00	98.476	19.695	2.517E-08	12.725	2.545	5.431E-11	31.884	6.377	8.543E-10	8.536	1.707	1.639E-11
106	10.491	2.098	3.043E-11	88.682	17.736	1.838E-08	27.038	5.408	5.210E-10	28.984	5.797	6.418E-10	38.328	7.666	1.484E-09	103.791	20.758	2.947E-08	174.201	34.840	1.393E-07
107	3.433	0.687	1.066E-12	97.331	19.466	2.430E-08	12.702	2.540	5.401E-11	113.130	22.626	3.816E-08	33.599	6.720	9.997E-10	12.863	2.573	5.609E-11	72.152	14.430	9.900E-09
108	99.106	19.821	2.566E-08	23.282	4.656	3.326E-10	8.669	1.734	1.717E-11	90.808	18.162	1.974E-08	-11.270	0.000	0.000E+00	25.710	5.142	4.479E-10	5.943	1.189	5.532E-12
109	1.959	0.392	1.981E-13	24.503	4.901	3.877E-10	32.425	6.485	8.985E-10	104.265	20.853	2.987E-08	3.744	0.749	1.383E-12	3.678	0.736	1.311E-12	11.254	2.251	3.756E-11
110	109.015	21.803	3.415E-08	10.237	2.047	2.828E-11	109.799	21.960	3.489E-08	23.415	4.683	3.383E-10	30.710	6.142	7.633E-10	86.907	17.381	1.730E-08	65.476	13.095	7.398E-09
111	35.764	7.153	1.206E-09	29.411	5.882	6.705E-10	64.137	12.827	6.954E-09	10.718	2.144	3.245E-11	114.321	22.864	3.938E-08	61.791	12.358	6.218E-09	78.018	15.604	1.252E-08
112	40.492	8.098	1.750E-09	5.382	1.076	4.109E-12	104.629	20.926	3.019E-08	41.848	8.370	1.932E-09	22.396	4.479	2.961E-10	37.670	7.534	1.409E-09	42.785	8.557	2.064E-09
113	23.330	4.666	3.347E-10	172.952	34.590	1.364E-07	63.567	12.713	6.770E-09	83.804	16.761	1.551E-08	10.894	2.179	3.408E-11	10.301	2.060	2.881E-11	109.793	21.959	3.488E-08
114	86.228	17.246	1.690E-08	13.590	2.718	6.615E-11	19.859	3.972	2.064E-10	0.301	0.060	7.217E-16	50.559	10.112	3.406E-09	33.746	6.749	1.013E-09	108.221	21.644	3.341E-08
115	10.590	2.118	3.130E-11	102.403	20.481	2.830E-08	7.646	1.529	1.178E-11	8.389	1.678	1.556E-11	29.296	5.859	6.627E-10	58.092	11.618	5.167E-09	16.849	3.370	1.261E-10
116	22.036	4.407	2.820E-10	106.650	21.330	3.197E-08	106.766	21.353	3.208E-08	10.388	2.078	2.955E-11	33.572	6.714	9.973E-10	11.388	2.278	3.892E-11	65.718	13.144	7.481E-09
117	6.603	1.321	7.589E-12	95.922	19.184	2.326E-08	52.779	10.556	3.875E-09	34.843	6.969	1.115E-09	34.913	6.983	1.122E-09	43.728	8.746	2.204E-09	22.702	4.540	3.084E-10
118	25.318	5.064	4.277E-10	86.669	17.334	1.716E-08	20.024	4.005	2.116E-10	8.444	1.689	1.587E-11	34.628	6.926	1.094E-09	110.007	22.001	3.509E-08	63.904	12.781	6.878E-09
119	107.195	21.439	3.247E-08	92.993	18.599	2.120E-08	47.636	9.527	2.849E-09	5.920	1.184	5.469E-12	5.530	1.106	4.456E-12	23.563	4.713	3.448E-10	9.609	1.922	2.339E-11
120	23.341	4.668	3.351E-10	-102.591	0.000	0.000E+00	68.027	13.605	8.297E-09	28.627	5.725	6.183E-10	25.056	5.011	4.146E-10	56.128	11.226	4.660E-09	10.303	2.061	2.883E-11
121	-29.767	0.000	0.000E+00	108.190	21.638	3.338E-08	12.350	2.470	4.965E-11	91.003	18.201	1.986E-08	13.246	2.649	6.125E-11	53.260	10.652	3.982E-09	21.018	4.204	2.447E-10
122	53.418	10.684	4.017E-09	7.777	1.555	1.240E-11	-9.594	0.000	0.000E+00	5.843	1.169	5.257E-12	32.008	6.402	8.643E-10	32.432	6.486	8.991E-10	24.157	4.831	3.715E-10
123	69.764	13.953	8.949E-09	27.686	5.537	5.593E-10	63.703	12.741	6.814E-09	13.016	2.603	5.812E-11	31.361	6.272	8.129E-10	92.446	18.489	2.082E-08	38.865	7.773	1.547E-09
124	71.103	14.221	9.475E-09	79.998	16.000	1.349E-08	107.797	21.559	3.302E-08	58.335	11.667	5.232E-09	58.190	11.638	5.193E-09	17.742	3.548	1.472E-10	24.218	4.844	3.744E-10
125	22.849	4.570	3.144E-10	11.924	2.385	4.469E-11	109.496	21.899	3.460E-08	24.724	4.945	3.983E-10	12								

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
126	26.958	5.392	5.164E-10	22.032	4.406	2.819E-10	11.016	2.203	3.523E-11	4.268	0.854	2.049E-12	-27.359	0.000	0.000E+00	-36.183	0.000	0.000E+00	5.542	1.108	4.487E-12
127	36.487	7.297	1.280E-09	32.357	6.471	8.929E-10	15.634	3.127	1.007E-10	76.716	15.343	1.190E-08	66.200	13.240	7.647E-09	40.164	8.033	1.708E-09	53.007	10.601	3.926E-09
128	54.169	10.834	4.189E-09	40.897	8.179	1.803E-09	26.574	5.315	4.946E-10	130.449	26.090	5.851E-08	30.374	6.075	7.386E-10	31.788	6.358	8.466E-10	-16.363	0.000	0.000E+00
129	35.794	7.159	1.209E-09	9.268	1.854	2.098E-11	60.099	12.020	5.721E-09	62.488	12.498	6.431E-09	19.423	3.885	1.931E-10	33.397	6.679	9.817E-10	28.614	5.723	6.175E-10
130	10.232	2.046	2.824E-11	11.322	2.264	3.825E-11	11.470	2.294	3.977E-11	11.873	2.375	4.412E-11	31.037	6.207	7.880E-10	5.332	1.066	3.996E-12	42.469	8.494	2.019E-09
131	92.754	18.551	2.103E-08	36.205	7.241	1.251E-09	89.903	17.981	1.915E-08	100.583	20.117	2.682E-08	42.145	8.429	1.973E-09	25.081	5.016	4.158E-10	37.764	7.553	1.419E-09
132	15.570	3.114	9.948E-11	77.566	15.513	1.230E-08	29.640	5.928	6.863E-10	57.935	11.587	5.125E-09	25.769	5.154	4.510E-10	30.492	6.098	7.473E-10	90.782	18.156	1.972E-08
133	44.161	8.832	2.270E-09	36.236	7.247	1.254E-09	106.332	21.266	3.169E-08	26.736	5.347	5.037E-10	31.936	6.387	8.585E-10	23.829	4.766	3.566E-10	-8.987	0.000	0.000E+00
134	113.557	22.711	3.859E-08	59.496	11.899	5.551E-09	18.656	3.731	1.711E-10	24.830	4.966	4.035E-10	33.114	6.623	9.571E-10	34.201	6.840	1.054E-09	26.578	5.316	4.949E-10
135	103.437	20.687	2.917E-08	25.567	5.113	4.405E-10	105.879	21.176	3.128E-08	12.491	2.498	5.136E-11	25.045	5.009	4.140E-10	20.188	4.038	2.169E-10	59.703	11.941	5.609E-09
136	60.100	12.020	5.722E-09	5.014	1.003	3.322E-12	59.699	11.940	5.608E-09	12.215	2.443	4.804E-11	9.451	1.890	2.225E-11	33.215	6.643	9.658E-10	22.823	4.565	3.133E-10
137	5.759	1.152	5.033E-12	43.439	8.688	2.160E-09	24.215	4.843	3.742E-10	12.369	2.474	4.987E-11	28.336	5.667	5.996E-10	13.541	2.708	6.543E-11	84.633	16.927	1.598E-08
138	8.748	1.750	1.765E-11	9.215	1.843	2.062E-11	69.213	13.843	8.739E-09	91.765	18.353	2.037E-08	32.911	6.582	9.395E-10	8.814	1.763	1.805E-11	51.845	10.369	3.673E-09
139	35.604	7.121	1.190E-09	-18.064	0.000	0.000E+00	78.694	15.739	1.284E-08	13.207	2.641	6.072E-11	33.821	6.764	1.020E-09	-7.436	0.000	0.000E+00	24.920	4.984	4.079E-10
140	5.144	1.029	3.587E-12	12.907	2.581	5.667E-11	-25.918	0.000	0.000E+00	36.878	7.376	1.322E-09	5.304	1.061	3.932E-12	14.763	2.953	8.481E-11	30.575	6.115	7.534E-10
141	18.587	3.717	1.693E-10	59.567	11.913	5.571E-09	12.945	2.589	5.717E-11	53.876	10.775	4.122E-09	29.432	5.886	6.720E-10	23.962	4.792	3.626E-10	9.372	1.874	2.170E-11
142	31.297	6.259	8.079E-10	91.195	18.239	1.999E-08	32.527	6.505	9.070E-10	14.585	2.917	8.177E-11	-6.736	0.000	0.000E+00	22.235	4.447	2.897E-10	96.308	19.262	2.354E-08
143	4.135	0.827	1.864E-12	54.929	10.986	4.368E-09	-4.009	0.000	0.000E+00	95.109	19.022	2.268E-08	29.478	5.896	6.751E-10	28.734	5.747	6.253E-10	28.152	5.630	5.881E-10
144	25.754	5.151	4.502E-10	60.812	12.162	5.927E-09	42.102	8.420	1.967E-09	15.953	3.191	1.070E-10	54.574	10.915	4.284E-09	100.665	20.133	2.689E-08	2.685	0.537	5.100E-13
145	70.879	14.176	9.385E-09	3.102	0.620	7.868E-13	5.316	1.063	3.959E-12	22.590	4.518	3.038E-10	-28.788	0.000	0.000E+00	15.985	3.197	1.076E-10	33.891	6.778	1.026E-09
146	40.479	8.096	1.748E-09	-2.266	0.000	0.000E+00	26.706	5.341	5.020E-10	0.470	0.094	2.745E-15	28.669	5.734	6.211E-10	33.224	6.645	9.666E-10	31.124	6.225	7.947E-10
147	-33.207	0.000	0.000E+00	11.408	2.282	3.913E-11	105.017	21.003	3.053E-08	23.936	4.787	3.615E-10	32.924	6.585	9.406E-10	-26.369	0.000	0.000E+00	-5.267	0.000	0.000E+00
148	26.498	5.300	4.904E-10	54.165	10.833	4.188E-09	32.445	6.489	9.002E-10	34.902	6.980	1.121E-09	103.544	20.709	2.926E-08	32.504	6.501	9.051E-10	13.726	2.745	6.815E-11
149	76.059	15.212	1.160E-08	10.079	2.016	2.699E-11	57.173	11.435	4.926E-09	2.650	0.530	4.903E-13	33.345	6.669	9.772E-10	30.448	6.090	7.440E-10	30.343	6.069	7.363E-10
150	14.839	2.968	8.612E-11	56.776	11.355	4.824E-09	29.266	5.853	6.607E-10	21.813	4.363	2.735E-10	33.739	6.748	1.012E-09	-8.035	0.000	0.000E+00	6.280	1.256	6.527E-12
151	20.123	4.025	2.148E-10	40.008	8.002	1.688E-09	36.909	7.382	1.325E-09	34.823	6.965	1.113E-09	8.205	1.641	1.456E-11	24.989	4.998	4.113E-10	33.117	6.623	9.573E-10
152	10.651	2.130	3.184E-11	18.951	3.790	1.794E-10	27.628	5.526	5.558E-10	43.814	8.763	2.217E-09	14.075	2.815	7.349E-11	29.994	5.999	7.112E-10	5.133	1.027	3.565E-12
153	-8.615	0.000	0.000E+00	33.808	6.762	1.019E-09	10.033	2.007	2.662E-11	-14.928	0.000	0.000E+00	36.276	7.255	1.258E-09	188.274	37.655	1.759E-07	19.262	3.852	1.884E-10
154	17.493	3.499	1.411E-10	11.195	2.239	3.698E-11	23.143	4.629	3.267E-10	24.160	4.832	3.717E-10	27.293	5.459	5.358E-10	10.639	2.128	3.174E-11	21.946	4.389	2.786E-10
155	2.267	0.453	3.069E-13	21.135	4.227	2.488E-10	29.131	5.826	6.515E-10	73.240	14.648	1.035E-08	79.455	15.891	1.322E-08	32.731	6.546	9.242E-10	105.976	21.195	3.137E-08
156	10.824	2.165	3.342E-11	58.285	11.657	5.219E-09	33.207	6.641	9.651E-10	12.470	2.494	5.111E-11	30.971	6.194	7.830E-10	-12.766	0.000	0.000E+00	69.946	13.989	9.019E-09
157	24.979	4.996	4.108E-10	-39.888	0.000	0.000E+00	33.624	6.725	1.002E-09	34.789	6.958	1.110E-09	12.198	2.440	4.784E-11	20.234	4.047	2.183E-10	6.919	1.384	8.731E-12
158	28.158	5.632	5.884E-10	100.258	20.052	2.656E-08	64.477	12.895	7.065E-09	53.105	10.621	3.947E-09	13.158	2.632	6.005E-11	30.715	6.143	7.637E-10	16.494	3.299	1.183E-10
159	33.282	6.656	9.717E-10	25.083	5.017	4.159E-10	8.492	1.698	1.614E-11	9.614	1.923	2.342E-11	31.345	6.269	8.117E-10	30.827	6.165	7.721E-10	33.375	6.675	9.798E-10
160	12.233	2.447	4.825E-11	34.954	6.991	1.126E-09	23.804	4.761	3.555E-10	10.571	2.114	3.113E-11	32.496	6.499	9.044E-10	15.303	3.061	9.445E-11	42.403	8.481	2.009E-09
161	31.885	6.377	8.544E-10	13.125	2.625	5.959E-11	54.573	10.915	4.284E-09	33.359	6.672	9.784E-10	9.328	1.866	2.139E-11	24.531	4.906	3.891E-10	10.827	2.165	3.345E-11
162	69.761	13.952	8.948E-09	28.051	5.610	5.818E-10	38.230	7.646	1.473E-09	-27.846	0.000	0.000E+00	29.767	5.953	6.952E-10	44.784	8.957	2.367E-09	32.361	6.472	8.932E-10
163	25.808	5.162	4.530E-10	44.143	8.829	2.267E-09	16.720	3.344	1.232E-10	34.181	6.836	1.053E-09	-26.974	0.000	0.000E+00	28.863	5.773	6.338E-10	25.541	5.108	4.392E-10
164	112.665	22.533	3.769E-08	61.643	12.329	6.174E-09	12.378	2.476	4.998E-11	38.623	7.725	1.519E-09	30.577	6.115	7.535E-10	31.182	6.236	7.991E-10	56.190	11.238	4.676E-09
165	101.527	20.305	2.758E-08	34.003	6.801	1.036E-09	28.954	5.791	6.397E-10	26.124	5.225	4.699E-10	-15.067	0.000	0.000E+00	15.029	3.006	8.948E-11	21.350	4.270	2.565E-10
166	14.733	2.947	8.429E-11	10.225	2.045	2.818E-11	23.807	4.761	3.556E-10	58.727	11.745	5.338E-09	107.385	21.477	3.264E-08	41.718	8.344	1.914E-09	88.785	17.757	1.845E-08
167	43.161	8.632	2.119E-09	8.249	1.650	1.479E-11	66.287	13.257	7.677E-09	-30.267	0.000	0.000E+00	33.313	6.663	9.744E-10	28.633	5.727	6.187E-10	-101.388	0.000	0.000E+00
168	16.414	3.283	1.165E-10	29.731	5.946	6.927E-10	101.283	20.257	2.738E-08	12.096	2.419	4.664E-11	25.702	5.140	4.475E-10	25.430	5.086	4.334E-10	-9.551	0.000	0.000E+00
169	10.926	2.185	3.438E-11	18.565	3.713	1.686E-10	31.985	6.397	8.624E-10	9.142	1.828	2.014E-11	25.018	5.004	4.127E-10	45.729	9.146	2.520E-09	39.357	7.871	1.607E-09
170	40.972	8.194	1.813E-09	13.292	2.658	6.189E-11	3.255	0.651	9.091E-13	41.871	8.374	1.935E-09	34.948	6.990	1.125E-09	30.092	6.018	7.182E-10	31.713	6.343	8.406E-1

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
171	9.570	1.914	2.310E-11	35.593	7.119	1.188E-09	9.693	1.939	2.400E-11	36.908	7.382	1.325E-09	19.356	3.871	1.911E-10	106.698	21.340	3.202E-08	102.884	20.577	2.870E-08
172	-5.677	0.000	0.000E+00	26.890	5.378	5.124E-10	27.553	5.511	5.513E-10	13.700	2.740	6.778E-11	62.573	12.515	6.457E-09	32.481	6.496	9.032E-10	-25.263	0.000	0.000E+00
173	40.438	8.088	1.743E-09	6.261	1.252	6.470E-12	5.682	1.136	4.836E-12	63.391	12.678	6.714E-09	23.282	4.656	3.326E-10	30.961	6.192	7.822E-10	27.977	5.595	5.772E-10
174	162.850	32.570	1.138E-07	34.145	6.829	1.049E-09	11.576	2.315	4.088E-11	44.835	8.967	2.375E-09	24.832	4.966	4.036E-10	-3.859	0.000	0.000E+00	33.341	6.668	9.768E-10
175	29.085	5.817	6.485E-10	10.010	2.002	2.644E-11	-12.859	0.000	0.000E+00	15.214	3.043	9.282E-11	9.453	1.891	2.227E-11	32.169	6.434	8.774E-10	34.345	6.869	1.068E-09
176	17.086	3.417	1.315E-10	48.873	9.775	3.077E-09	63.323	12.665	6.692E-09	46.853	9.371	2.711E-09	32.626	6.525	9.153E-10	36.606	7.321	1.293E-09	21.798	4.360	2.730E-10
177	31.880	6.376	8.540E-10	26.537	5.307	4.925E-10	31.562	6.312	8.286E-10	31.785	6.357	8.463E-10	33.282	6.656	9.716E-10	28.947	5.789	6.393E-10	24.451	4.890	3.853E-10
178	21.031	4.206	2.452E-10	25.894	5.179	4.576E-10	42.469	8.494	2.019E-09	49.910	9.982	3.277E-09	31.734	6.347	8.423E-10	22.970	4.594	3.194E-10	-3.895	0.000	0.000E+00
179	-4.290	0.000	0.000E+00	63.887	12.777	6.873E-09	20.014	4.003	2.113E-10	5.310	1.062	3.947E-12	33.546	6.709	9.950E-10	33.891	6.778	1.026E-09	31.752	6.350	8.437E-10
180	36.265	7.253	1.257E-09	60.213	12.043	5.754E-09	17.724	3.545	1.467E-10	-13.780	0.000	0.000E+00	-25.064	0.000	0.000E+00	-4.006	0.000	0.000E+00	30.223	6.045	7.276E-10
181	61.077	12.215	6.005E-09	14.538	2.908	8.099E-11	4.072	0.814	1.780E-12	4.806	0.961	2.925E-12	29.114	5.823	6.504E-10	25.541	5.108	4.391E-10	23.143	4.629	3.267E-10
182	34.223	6.845	1.056E-09	28.453	5.691	6.071E-10	22.964	4.593	3.192E-10	13.296	2.659	6.195E-11	192.634	38.527	1.884E-07	34.063	6.813	1.043E-09	-37.034	0.000	0.000E+00
183	27.802	5.560	5.664E-10	63.572	12.714	6.772E-09	61.654	12.331	6.177E-09	58.565	11.713	5.294E-09	112.190	22.438	3.722E-08	185.045	37.009	1.670E-07	49.538	9.908	3.204E-09
184	32.496	6.499	9.045E-10	7.913	1.583	1.306E-11	35.776	7.155	1.207E-09	25.768	5.154	4.509E-10	8.256	1.651	1.483E-11	30.662	6.132	7.598E-10	-18.754	0.000	0.000E+00
185	31.434	6.287	8.186E-10	32.808	6.562	9.307E-10	19.769	3.954	2.036E-10	37.350	7.470	1.373E-09	34.032	6.806	1.039E-09	19.495	3.899	1.953E-10	14.215	2.843	7.571E-11
186	12.288	2.458	4.890E-11	45.782	9.156	2.529E-09	28.500	5.700	6.101E-10	7.524	1.505	1.123E-11	9.055	1.811	1.957E-11	-25.941	0.000	0.000E+00	15.153	3.031	9.170E-11
187	22.907	4.581	3.168E-10	4.329	0.866	2.139E-12	-3.760	0.000	0.000E+00	35.714	7.143	1.201E-09	-7.595	0.000	0.000E+00	27.094	5.419	5.242E-10	12.811	2.562	5.542E-11
188	7.569	1.514	1.143E-11	35.412	7.082	1.170E-09	40.203	8.041	1.713E-09	12.368	2.474	4.986E-11	25.557	5.111	4.399E-10	33.524	6.705	9.930E-10	33.391	6.678	9.812E-10
189	-5.301	0.000	0.000E+00	46.907	9.381	2.720E-09	25.259	5.052	4.248E-10	26.158	5.232	4.718E-10	14.049	2.810	7.308E-11	5.399	1.080	4.147E-12	-24.764	0.000	0.000E+00
190	6.443	1.289	7.051E-12	-28.612	0.000	0.000E+00	43.482	8.696	2.167E-09	112.296	22.459	3.732E-08	36.615	7.323	1.294E-09	30.968	6.194	7.828E-10	33.741	6.748	1.012E-09
191	-5.409	0.000	0.000E+00	8.393	1.679	1.559E-11	32.284	6.457	8.869E-10	9.518	1.904	2.273E-11	26.781	5.356	5.063E-10	-25.706	0.000	0.000E+00	31.293	6.259	8.077E-10
192	15.536	3.107	9.883E-11	47.094	9.419	2.753E-09	21.179	4.236	2.504E-10	44.827	8.965	2.374E-09	28.995	5.799	6.425E-10	15.044	3.009	8.973E-11	36.447	7.289	1.276E-09
193	34.104	6.821	1.045E-09	20.189	4.038	2.169E-10	42.082	8.416	1.946E-09	32.597	6.519	9.129E-10	101.135	20.227	2.726E-08	31.669	6.334	8.371E-10	43.929	8.786	2.234E-09
194	65.833	13.167	7.520E-09	-8.395	0.000	0.000E+00	21.012	4.202	2.445E-10	-17.450	0.000	0.000E+00	28.740	5.748	6.257E-10	-19.650	0.000	0.000E+00	11.469	2.294	3.977E-11
195	37.820	7.564	1.426E-09	29.066	5.813	6.472E-10	30.167	6.033	7.236E-10	24.725	4.945	3.984E-10	31.565	6.313	8.289E-10	14.346	2.869	7.783E-11	-4.227	0.000	0.000E+00
196	22.412	4.482	2.967E-10	-15.325	0.000	0.000E+00	27.610	5.522	5.547E-10	214.113	42.823	2.587E-07	30.633	6.127	7.577E-10	20.372	4.074	2.229E-10	22.321	4.464	2.931E-10
197	7.284	1.457	1.018E-11	43.126	8.625	2.114E-09	97.022	19.404	2.407E-08	-213.835	0.000	0.000E+00	32.546	6.509	9.086E-10	16.397	3.279	1.162E-10	7.107	1.421	9.461E-12
198	14.750	2.950	8.458E-11	33.057	6.611	9.521E-10	9.947	1.989	2.594E-11	-39.940	0.000	0.000E+00	33.954	6.791	1.032E-09	5.689	1.138	4.852E-12	16.430	3.286	1.169E-10
199	34.133	6.827	1.048E-09	11.606	2.321	4.121E-11	26.104	5.221	4.688E-10	-20.611	0.000	0.000E+00	101.672	20.334	2.770E-08	-8.367	0.000	0.000E+00	-33.313	0.000	0.000E+00
200	33.737	6.747	1.012E-09	33.181	6.636	9.629E-10	29.946	5.989	7.078E-10	5.773	1.155	5.070E-12	104.644	20.929	3.020E-08	35.659	7.132	1.195E-09	16.006	3.201	1.081E-10
201	-3.730	0.000	0.000E+00	31.182	6.236	7.991E-10	27.517	5.503	5.492E-10	4.861	0.972	3.028E-12	9.909	1.982	2.564E-11	9.642	1.928	2.363E-11	-21.769	0.000	0.000E+00
202	29.293	5.859	6.625E-10	31.279	6.256	8.066E-10	27.351	5.470	5.393E-10	34.386	6.877	1.072E-09	102.226	20.445	2.816E-08	-19.460	0.000	0.000E+00	13.643	2.729	6.694E-11
203	35.534	7.107	1.183E-09	32.409	6.482	8.972E-10	33.243	6.649	9.682E-10	26.923	5.385	5.144E-10	67.226	13.445	8.008E-09	20.163	4.033	2.161E-10	36.817	7.363	1.315E-09
204	27.063	5.413	5.224E-10	-24.971	0.000	0.000E+00	28.301	5.660	5.974E-10	30.446	6.089	7.438E-10	32.447	6.489	9.004E-10	37.098	7.420	1.346E-09	13.626	2.725	6.668E-11
205	34.374	6.875	1.071E-09	-4.643	0.000	0.000E+00	5.104	1.021	3.504E-12	31.811	6.362	8.485E-10	20.141	4.028	2.153E-10	26.437	5.287	4.870E-10	-35.479	0.000	0.000E+00
206	27.154	5.431	5.277E-10	30.288	6.058	7.323E-10	28.007	5.601	5.790E-10	72.446	14.489	1.002E-08	-29.974	0.000	0.000E+00	-6.939	0.000	0.000E+00	25.965	5.193	4.614E-10
207	37.296	7.459	1.367E-09	26.194	5.239	4.737E-10	11.507	2.301	4.016E-11	15.636	3.127	1.007E-10	108.304	21.661	3.348E-08	24.606	4.921	3.926E-10	28.624	5.725	6.181E-10
208	31.904	6.381	8.559E-10	20.473	4.095	2.262E-11	38.123	7.625	1.460E-09	38.893	7.779	1.551E-09	106.047	21.209	3.143E-08	35.380	7.076	1.167E-09	28.405	5.681	6.040E-10
209	31.243	6.249	8.038E-10	14.441	2.888	7.937E-11	18.949	3.790	1.793E-10	33.373	6.675	9.797E-10	102.919	20.584	2.873E-08	34.047	6.809	1.040E-09	16.669	3.334	1.221E-10
210	36.798	7.360	1.313E-09	29.678	5.936	6.890E-10	16.168	3.234	1.114E-10	32.942	6.588	9.422E-10	100.587	20.117	2.682E-08	27.737	5.547	5.624E-10	34.586	6.917	1.090E-09
211	16.193	3.239	1.119E-10	31.278	6.256	8.065E-10	7.889	1.578	1.294E-11	32.914	6.583	9.398E-10	7.010	1.402	9.081E-12	32.977	6.595	9.452E-10	7.948	1.590	1.323E-11
212	23.485	4.697	3.414E-10	11.767	2.353	4.295E-11	25.696	5.139	4.472E-10	14.246	2.885	7.912E-11	28.840	5.768	6.323E-10	34.850	6.970	1.116E-09	39.071	7.814	1.572E-09
213	19.279	3.856	1.889E-10	19.788	3.958	2.042E-10	34.731	6.946	1.104E-09	26.519	5.304	4.915E-10	102.924	20.585	2.874E-08	34.876	6.975	1.118E-09	-5.192	0.000	0.000E+00
214	40.715	8.143	1.779E-09	25.656	5.131	4.451E-10	25.953	5.191	4.607E-10	37.642	7.528	1.406E-09	29.057	5.811	6.466E-10	27.882	5.576	5.713E-10	26.567	5.313	4.942E-10
215	4.916	0.983	3.132E-12	31.610	6.322	8.325E-10	35.474	7.095	1.177E-09	98.930	19.786	2.552E-08	32.361	6.472	8.932E-10	38.318	7.664	1.483E-09	-23.020	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
216	14.742	2.948	8.444E-11	35.226	7.045	1.152E-09	37.192	7.438	1.356E-09	7.212	1.442	9.888E-12	60.610	12.122	5.868E-09	4.824	0.965	2.958E-12	29.662	5.932	6.878E-10
217	27.083	5.417	5.236E-10	16.613	3.323	1.208E-10	-25.745	0.000	0.000E+00	29.332	5.866	6.651E-10	20.383	4.077	2.232E-10	23.333	4.667	3.348E-10	23.706	4.741	3.511E-10
218	-24.941	0.000	0.000E+00	38.910	7.782	1.553E-09	32.648	6.530	9.172E-10	104.114	20.823	2.974E-08	30.083	6.017	7.176E-10	38.276	7.655	1.478E-09	13.403	2.681	6.346E-11
219	39.297	7.859	1.599E-09	35.968	7.194	1.226E-09	3.835	0.767	1.486E-12	31.097	6.219	7.926E-10	33.994	6.799	1.035E-09	26.720	5.344	5.028E-10	22.109	4.422	2.848E-10
220	29.055	5.811	6.464E-10	10.262	2.052	2.848E-11	32.093	6.419	8.712E-10	38.102	7.620	1.458E-09	41.270	8.254	1.853E-09	31.016	6.203	7.864E-10	32.116	6.423	8.731E-10
221	10.718	2.144	3.245E-11	-21.721	0.000	0.000E+00	5.564	1.113	4.541E-12	19.961	3.992	2.096E-10	30.320	6.064	7.346E-10	22.747	4.549	3.102E-10	8.651	1.730	1.706E-11
222	33.887	6.777	1.026E-09	26.143	5.229	4.709E-10	28.622	5.724	6.180E-10	34.884	6.977	1.119E-09	30.290	6.058	7.325E-10	21.056	4.211	2.460E-10	38.451	7.690	1.498E-09
223	37.983	7.597	1.444E-09	33.116	6.623	9.572E-10	29.358	5.872	6.669E-10	34.657	6.931	1.097E-09	28.970	5.794	6.408E-10	22.065	4.413	2.831E-10	29.079	5.816	6.481E-10
224	32.885	6.577	9.373E-10	27.158	5.432	5.279E-10	-30.312	0.000	0.000E+00	57.503	11.501	5.011E-09	21.864	4.373	2.755E-10	33.722	6.744	1.011E-09	22.552	4.510	3.023E-10
225	33.249	6.650	9.687E-10	21.211	4.242	2.515E-10	32.573	6.515	9.109E-10	16.404	3.281	1.164E-10	31.554	6.311	8.281E-10	-9.071	0.000	0.000E+00	34.570	6.914	1.089E-09
226	30.462	6.092	7.450E-10	32.442	6.488	8.999E-10	39.666	7.933	1.645E-09	32.000	6.400	8.637E-10	105.649	21.130	3.108E-08	30.593	6.119	7.547E-10	28.105	5.621	5.851E-10
227	27.784	5.557	5.653E-10	30.519	6.104	7.492E-10	7.043	1.409	9.208E-12	26.431	5.286	4.867E-10	31.602	6.320	8.318E-10	27.232	5.446	5.323E-10	-7.989	0.000	0.000E+00
228	34.448	6.890	1.077E-09	32.714	6.543	9.228E-10	38.345	7.669	1.486E-09	29.566	5.913	6.812E-10	33.059	6.612	9.522E-10	9.666	1.933	2.380E-11	39.065	7.813	1.571E-09
229	30.899	6.180	7.776E-10	25.196	5.039	4.216E-10	39.746	7.949	1.655E-09	14.649	2.930	8.285E-11	28.201	5.640	5.911E-10	5.020	1.004	3.334E-12	9.164	1.833	2.028E-11
230	26.116	5.223	4.695E-10	33.577	6.715	9.977E-10	34.610	6.922	1.093E-09	29.684	5.937	6.893E-10	27.169	5.434	5.286E-10	6.853	1.371	8.482E-12	11.540	2.308	4.050E-11
231	16.078	3.216	1.095E-10	-27.922	0.000	0.000E+00	-10.967	0.000	0.000E+00	34.195	6.839	1.054E-09	-32.197	0.000	0.000E+00	-13.551	0.000	0.000E+00	30.040	6.008	7.145E-10
232	30.861	6.172	7.747E-10	34.692	6.938	1.100E-09	32.315	6.463	8.894E-10	34.517	6.903	1.084E-09	-23.551	0.000	0.000E+00	33.479	6.696	9.890E-10	17.493	3.499	1.411E-10
233	15.675	3.135	1.015E-10	-5.336	0.000	0.000E+00	35.409	7.082	1.170E-09	63.178	12.636	6.647E-09	24.028	4.806	3.656E-10	33.808	6.762	1.018E-09	-28.904	0.000	0.000E+00
234	32.619	6.524	9.148E-10	29.374	5.875	6.680E-10	37.268	7.454	1.364E-09	95.012	19.002	2.261E-08	14.684	2.937	8.346E-11	36.149	7.230	1.245E-09	-21.420	0.000	0.000E+00
235	39.035	7.807	1.568E-09	5.165	1.033	3.631E-12	32.202	6.440	8.801E-10	34.350	6.870	1.068E-09	32.328	6.466	8.905E-10	30.102	6.020	7.189E-10	29.032	5.806	6.449E-10
236	18.743	3.749	1.735E-10	34.402	6.880	1.073E-09	21.730	4.346	2.704E-10	30.853	6.171	7.741E-10	84.464	16.893	1.588E-08	-5.269	0.000	0.000E+00	32.328	6.466	8.905E-10
237	-25.175	0.000	0.000E+00	34.396	6.879	1.073E-09	-21.876	0.000	0.000E+00	32.451	6.490	9.007E-10	35.584	7.117	1.188E-09	30.336	6.067	7.358E-10	38.405	7.681	1.493E-09
238	33.357	6.671	9.782E-10	36.305	7.261	1.261E-09	24.781	4.956	4.011E-10	22.906	4.581	3.167E-10	34.856	6.971	1.116E-09	38.141	7.628	1.462E-09	33.307	6.661	9.739E-10
239	7.987	1.597	1.343E-11	38.785	7.757	1.538E-09	34.783	6.957	1.109E-09	33.484	6.697	9.894E-10	31.761	6.352	8.444E-10	38.545	7.709	1.509E-09	26.138	5.228	4.706E-10
240	28.628	5.726	6.184E-10	27.064	5.413	5.225E-10	34.596	6.919	1.091E-09	31.125	6.225	7.947E-10	44.993	8.999	2.401E-09	36.131	7.226	1.243E-09	29.637	5.927	6.861E-10
241	35.216	7.043	1.151E-09	36.295	7.259	1.260E-09	32.827	6.565	9.323E-10	6.565	1.313	7.457E-12	10.813	2.163	3.332E-11	36.613	7.323	1.294E-09	31.324	6.265	8.101E-10
242	16.887	3.377	1.269E-10	31.184	6.237	7.993E-10	38.755	7.751	1.534E-09	25.804	5.161	4.529E-10	22.067	4.413	2.832E-10	25.823	5.165	4.538E-10	14.349	2.870	7.786E-11
243	22.411	4.482	2.967E-10	30.881	6.176	7.762E-10	36.452	7.290	1.277E-09	29.384	5.877	6.687E-10	-4.588	0.000	0.000E+00	38.048	7.610	1.452E-09	-29.537	0.000	0.000E+00
244	42.334	8.467	2.000E-09	34.597	6.919	1.091E-09	6.741	1.348	8.074E-12	-35.478	0.000	0.000E+00	37.326	7.465	1.371E-09	9.761	1.952	2.451E-11	-7.788	0.000	0.000E+00
245	38.875	7.775	1.548E-09	-5.908	0.000	0.000E+00	17.092	3.418	1.316E-10	17.568	3.514	1.429E-10	-6.760	0.000	0.000E+00	33.575	6.715	9.975E-10	29.977	5.995	7.100E-10
246	14.349	2.870	7.786E-11	24.651	4.930	3.948E-10	28.016	5.603	5.796E-10	36.807	7.361	1.314E-09	33.142	6.628	9.595E-10	38.571	7.714	1.512E-09	32.234	6.447	8.827E-10
247	43.022	8.604	2.099E-09	32.343	6.469	8.917E-10	6.652	1.330	7.758E-12	32.105	6.421	8.722E-10	30.494	6.099	7.474E-10	28.303	5.661	5.976E-10	27.903	5.581	5.726E-10
248	16.980	3.396	1.290E-10	31.630	6.326	8.340E-10	25.016	5.003	4.126E-10	32.584	6.517	9.118E-10	-25.430	0.000	0.000E+00	37.492	7.498	1.389E-09	37.332	7.466	1.371E-09
249	31.538	6.308	8.268E-10	31.475	6.295	8.219E-10	22.589	4.518	3.038E-10	21.972	4.394	2.796E-10	28.854	5.771	6.332E-10	35.467	7.093	1.176E-09	38.463	7.693	1.500E-09
250	9.829	1.966	2.503E-11	31.477	6.295	8.220E-10	38.862	7.772	1.547E-09	31.236	6.247	8.032E-10	60.081	12.016	5.716E-09	-5.097	0.000	0.000E+00	-36.698	0.000	0.000E+00
251	34.124	6.825	1.047E-09	-10.598	0.000	0.000E+00	11.522	2.304	4.031E-11	15.213	3.043	9.279E-11	31.926	6.385	8.577E-10	33.520	6.704	9.926E-10	48.668	9.734	3.038E-09
252	30.658	6.132	7.595E-10	10.785	2.157	3.306E-11	22.746	4.549	3.102E-10	32.716	6.543	9.229E-10	60.937	12.187	5.964E-09	31.326	6.265	8.103E-10	33.500	6.700	9.909E-10
253	38.491	7.698	1.503E-09	35.265	7.053	1.156E-09	33.043	6.609	9.509E-10	32.347	6.469	8.920E-10	19.938	3.335	1.222E-10	16.677	3.335	1.222E-10	24.880	4.976	4.059E-10
254	10.244	2.049	2.833E-11	32.236	6.447	8.829E-10	9.521	1.904	2.275E-11	33.774	6.755	1.015E-09	32.517	6.503	9.062E-10	35.607	7.121	1.190E-09	-5.381	0.000	0.000E+00
255	-11.572	0.000	0.000E+00	17.137	3.427	1.326E-10	38.715	7.743	1.529E-09	-3.770	0.000	0.000E+00	35.206	7.041	1.150E-09	21.047	4.209	2.457E-10	34.720	6.944	1.103E-09
256	33.684	6.737	1.007E-09	28.835	5.767	6.319E-10	34.859	6.972	1.116E-09	4.735	0.947	2.798E-12	62.997	12.599	6.590E-09	34.389	6.878	1.072E-09	32.617	6.523	9.146E-10
257	34.877	6.975	1.118E-09	38.895	7.779	1.551E-09	34.260	6.852	1.060E-09	34.483	6.897	1.081E-09	6.449	1.290	7.069E-12	27.935	5.587	5.746E-10	34.499	6.900	1.082E-09
258	16.423	3.285	1.168E-10	29.372	5.874	6.679E-10	29.928	5.986	7.065E-10	26.629	5.326	4.977E-10	32.336	6.467	8.912E-10	-7.596	0.000	0.000E+00	29.880	5.976	7.031E-10
259	38.821	7.764	1.542E-09	24.294	4.859	3.779E-10	27.784	5.557	5.653E-10	33.762	6.752	1.014E-09	28.780	5.756	6.283E-10	33.380	6.676	9.803E-10	-9.224	0.000	0.000E+00
260	30.978	6.196	7.835E-10	37.724	7.545	1.415E-09	30.266	6.053	7.307E-10	9.729	1.946	2.427E-11	6.085	1.217	5.937E-12	14.508	2.902	8.048E-11	29.153	5.831	6.530E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
261	27.178	5.436	5.291E-10	34.455	6.891	1.078E-09	14.306	2.861	7.717E-11	31.869	6.374	8.531E-10	-7.422	0.000	0.000E+00	41.012	8.202	1.818E-09	22.001	4.400	2.807E-10
262	42.864	8.573	2.076E-09	29.302	5.860	6.631E-10	37.606	7.521	1.402E-09	-25.804	0.000	0.000E+00	36.024	7.205	1.232E-09	11.205	2.241	3.708E-11	35.653	7.131	1.194E-09
263	29.979	5.996	7.101E-10	41.981	8.396	1.950E-09	6.803	1.361	8.300E-12	36.306	7.261	1.261E-09	107.499	21.500	3.274E-08	42.394	8.479	2.008E-09	38.616	7.723	1.518E-09
264	17.819	3.564	1.491E-10	18.813	3.763	1.755E-10	28.968	5.794	6.407E-10	38.062	7.612	1.453E-09	4.746	0.949	2.817E-12	29.988	5.998	7.108E-10	10.359	2.072	2.930E-11
265	15.166	3.033	9.195E-11	35.246	7.049	1.154E-09	30.066	6.013	7.163E-10	102.912	20.582	2.873E-08	31.872	6.374	8.534E-10	37.653	7.531	1.407E-09	8.974	1.795	1.905E-11
266	36.023	7.205	1.232E-09	22.802	4.560	3.125E-10	38.054	7.611	1.452E-09	33.486	6.697	9.897E-10	109.206	21.841	3.433E-08	10.456	2.091	3.013E-11	34.220	6.844	1.056E-09
267	34.755	6.951	1.106E-09	38.790	7.758	1.538E-09	32.184	6.437	8.787E-10	-2.512	0.000	0.000E+00	109.322	21.864	3.444E-08	35.376	7.075	1.167E-09	41.551	8.310	1.891E-09
268	33.923	6.785	1.029E-09	9.917	1.983	2.570E-11	-8.322	0.000	0.000E+00	31.912	6.382	8.566E-10	31.319	6.264	8.097E-10	17.866	3.573	1.503E-10	25.390	5.078	4.314E-10
269	26.120	5.224	4.697E-10	37.730	7.546	1.416E-09	27.109	5.422	5.251E-10	26.829	5.366	5.090E-10	8.951	1.790	1.890E-11	29.137	5.827	6.519E-10	39.957	7.991	1.681E-09
270	-18.944	0.000	0.000E+00	37.412	7.482	1.380E-09	32.217	6.443	8.813E-10	32.476	6.495	9.028E-10	34.414	6.883	1.074E-09	8.385	1.677	1.554E-11	24.560	4.912	3.905E-10
271	7.122	1.424	9.520E-12	33.753	6.751	1.014E-09	28.717	5.743	6.242E-10	28.975	5.795	6.412E-10	50.315	10.063	3.357E-09	18.504	3.701	1.670E-10	-6.346	0.000	0.000E+00
272	9.193	1.839	2.048E-11	26.486	5.297	4.897E-10	33.122	6.624	9.577E-10	33.941	6.788	1.031E-09	28.355	5.671	6.009E-10	38.541	7.708	1.509E-09	42.863	8.573	2.075E-09
273	35.600	7.120	1.189E-09	9.226	1.845	2.070E-11	32.959	6.592	9.437E-10	7.522	1.504	1.122E-11	33.247	6.649	9.686E-10	37.024	7.405	1.338E-09	-24.459	0.000	0.000E+00
274	32.305	6.461	8.886E-10	35.645	7.129	1.194E-09	14.668	2.934	8.317E-11	42.426	8.485	2.013E-09	10.978	2.196	3.487E-11	37.669	7.534	1.409E-09	8.947	1.789	1.887E-11
275	13.065	2.613	5.878E-11	40.643	8.129	1.770E-09	39.122	7.824	1.578E-09	22.782	4.556	3.116E-10	-19.642	0.000	0.000E+00	30.518	6.104	7.492E-10	29.345	5.869	6.661E-10
276	17.929	3.586	1.519E-10	15.845	3.169	1.049E-10	38.969	7.794	1.560E-09	36.900	7.380	1.324E-09	108.132	21.626	3.332E-08	32.168	6.434	8.773E-10	30.005	6.001	7.120E-10
277	35.948	7.190	1.224E-09	36.126	7.225	1.243E-09	37.381	7.476	1.377E-09	107.618	21.524	3.285E-08	97.787	19.557	2.465E-08	33.582	6.716	9.982E-10	39.113	7.823	1.577E-09
278	9.020	1.804	1.934E-11	14.566	2.913	8.146E-11	5.895	1.179	5.398E-12	33.845	6.769	1.022E-09	19.506	3.901	1.956E-10	39.649	7.930	1.643E-09	33.479	6.696	9.890E-10
279	-18.859	0.000	0.000E+00	10.343	2.069	2.917E-11	33.383	6.677	9.806E-10	28.737	5.747	6.255E-10	26.065	5.213	4.667E-10	39.137	7.827	1.580E-09	36.384	7.277	1.269E-09
280	-5.160	0.000	0.000E+00	28.547	5.709	6.131E-10	35.200	7.040	1.149E-09	39.264	7.853	1.595E-09	21.497	4.299	2.618E-10	32.215	6.443	8.812E-10	-5.866	0.000	0.000E+00
281	8.879	1.776	1.845E-11	29.407	5.881	6.703E-10	34.403	6.881	1.073E-09	33.009	6.602	9.480E-10	11.896	2.379	4.437E-11	30.121	6.024	7.203E-10	37.052	7.410	1.341E-09
282	32.818	6.564	9.316E-10	30.617	6.123	7.564E-10	29.738	5.948	6.932E-10	6.508	1.302	7.265E-12	29.404	5.808	6.455E-10	26.031	5.206	4.649E-10	30.412	6.082	7.414E-10
283	13.594	2.719	6.621E-11	37.331	7.466	1.371E-09	29.378	5.876	6.682E-10	11.328	2.266	3.831E-11	31.867	6.373	8.529E-10	7.832	1.566	1.266E-11	21.753	4.351	2.713E-10
284	30.124	6.025	7.205E-10	33.670	6.734	1.006E-09	6.086	1.217	5.942E-12	15.703	3.141	1.021E-10	12.219	2.444	4.808E-11	37.241	7.448	1.361E-09	5.385	1.077	4.115E-12
285	36.157	7.231	1.246E-09	29.460	5.892	6.739E-10	23.097	4.619	3.248E-10	33.066	6.613	9.528E-10	53.241	10.648	3.978E-09	20.838	4.168	2.385E-10	6.650	1.330	7.753E-12
286	26.076	5.215	4.673E-10	37.356	7.471	1.374E-09	27.142	5.428	5.270E-10	9.096	1.819	1.983E-11	38.036	7.607	1.450E-09	2.693	0.539	5.147E-13	32.539	6.508	9.080E-10
287	33.534	6.707	9.939E-10	37.287	7.457	1.366E-09	9.571	1.914	2.311E-11	26.611	5.322	4.967E-10	105.796	21.159	3.121E-08	30.450	6.090	7.441E-10	29.270	5.854	6.610E-10
288	22.165	4.433	2.870E-10	39.735	7.947	1.654E-09	-4.660	0.000	0.000E+00	34.483	6.897	1.081E-09	32.256	6.451	8.846E-10	31.824	6.365	8.495E-10	6.168	1.234	6.185E-12
289	28.664	5.733	6.207E-10	-31.943	0.000	0.000E+00	-8.917	0.000	0.000E+00	23.855	4.771	3.578E-10	104.214	20.843	2.983E-08	12.336	2.467	4.948E-11	32.049	6.410	8.676E-10
290	40.147	8.029	1.705E-09	26.105	5.221	4.689E-10	21.250	4.250	2.529E-10	41.639	8.328	1.903E-09	36.193	7.239	1.250E-09	11.019	2.204	3.526E-11	201.013	40.203	2.141E-07
291	37.353	7.471	1.374E-09	30.693	6.139	7.621E-10	14.807	2.961	8.556E-11	34.706	6.941	1.102E-09	-30.910	0.000	0.000E+00	34.241	6.848	1.058E-09	30.718	6.144	7.640E-10
292	37.420	7.484	1.381E-09	27.000	5.400	5.188E-10	14.259	2.852	7.642E-11	33.564	6.713	9.966E-10	24.446	4.889	3.851E-10	37.259	7.452	1.363E-09	40.117	8.023	1.702E-09
293	23.324	4.665	3.344E-10	-32.229	0.000	0.000E+00	16.758	3.352	1.240E-10	17.486	3.497	1.409E-10	2.964	0.593	6.866E-13	41.161	8.232	1.838E-09	27.220	5.444	5.315E-10
294	32.970	6.594	9.446E-10	7.441	1.488	1.086E-11	-27.636	0.000	0.000E+00	35.161	7.032	1.146E-09	29.302	5.860	6.631E-10	-13.002	0.000	0.000E+00	38.979	7.796	1.561E-09
295	37.548	7.510	1.395E-09	29.298	5.860	6.628E-10	28.774	5.755	6.279E-10	41.443	8.289	1.876E-09	32.077	6.415	8.699E-10	30.289	6.058	7.324E-10	21.361	4.272	2.569E-10
296	38.361	7.672	1.488E-09	36.801	7.360	1.314E-09	9.155	1.831	2.022E-11	31.947	6.389	8.593E-10	108.567	21.713	3.373E-08	30.516	6.103	7.490E-10	-30.149	0.000	0.000E+00
297	23.766	4.753	3.538E-10	24.745	4.949	3.994E-10	37.484	7.497	1.388E-09	35.029	7.006	1.133E-09	111.478	22.296	3.651E-08	33.704	6.741	1.009E-09	32.387	6.477	8.954E-10
298	4.987	0.997	3.269E-12	33.550	6.710	9.953E-10	34.450	6.890	1.078E-09	78.337	15.667	1.267E-08	-27.195	0.000	0.000E+00	32.269	6.454	8.856E-10	42.343	8.469	2.001E-09
299	28.448	5.690	6.068E-10	28.705	5.741	6.234E-10	39.429	7.886	1.616E-09	22.287	4.457	2.918E-10	-27.629	0.000	0.000E+00	16.810	3.362	1.252E-10	11.940	2.388	4.487E-11
300	30.116	6.023	7.199E-10	28.687	5.737	6.222E-10	27.843	5.569	5.689E-10	28.610	5.722	6.172E-10	19.444	3.889	1.938E-10	43.362	8.672	2.149E-09	21.089	4.218	2.472E-10
301	25.288	5.058	4.262E-10	33.706	6.741	1.009E-09	32.732	6.546	9.243E-10	15.837	3.167	1.047E-10	22.226	4.445	2.894E-10	7.314	1.463	1.031E-11	37.697	7.539	1.412E-09
302	35.121	7.024	1.142E-09	32.063	6.413	8.687E-10	36.039	7.208	1.234E-09	12.819	2.438	4.773E-11	-20.018	0.000	0.000E+00	42.429	8.486	2.013E-09	35.103	7.021	1.140E-09
303	34.885	6.977	1.119E-09	17.540	3.508	1.422E-10	8.866	1.773	1.837E-11	35.068	7.014	1.137E-09	20.080	4.016	2.134E-10	15.747	3.149	1.029E-10	37.402	7.480	1.379E-09
304	39.063	7.813	1.571E-09	32.439	6.488	8.997E-10	34.777	6.955	1.109E-09	58.459	11.692	5.266E-09	32.368	6.474	8.938E-10	27.755	5.551	5.635E-10	14.360	2.872	7.804E-11
305	39.534	7.907	1.629E-09	43.141	8.628	2.116E-09	-22.294	0.000	0.000E+00	30.574	6.115	7.533E-10	107.637	21.527	3.287E-08	28.418	5.684	6.049E-10	26.644	5.329	4

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
306	-5.080	0.000	0.000E+00	30.645	6.129	7.585E-10	34.586	6.917	1.090E-09	33.834	6.767	1.021E-09	3.986	0.797	1.670E-12	13.031	2.606	5.832E-11	31.267	6.253	8.056E-10
307	36.104	7.221	1.240E-09	36.150	7.230	1.245E-09	35.019	7.004	1.132E-09	27.264	5.453	5.341E-10	10.168	2.034	2.771E-11	37.260	7.452	1.363E-09	33.724	6.745	1.011E-09
308	26.697	5.339	5.015E-10	14.651	2.930	8.289E-11	40.377	8.075	1.735E-09	6.558	1.312	7.432E-12	31.321	6.264	8.099E-10	32.519	6.504	9.064E-10	25.230	5.046	4.233E-10
309	8.559	1.712	1.653E-11	7.333	1.467	1.039E-11	28.669	5.734	6.211E-10	13.698	2.740	6.774E-11	29.644	5.929	6.866E-10	38.087	7.617	1.456E-09	37.662	7.532	1.408E-09
310	13.565	2.713	6.578E-11	28.585	5.717	6.156E-10	35.023	7.005	1.132E-09	113.486	22.697	3.852E-08	107.693	21.539	3.292E-08	5.316	1.063	3.961E-12	36.048	7.210	1.235E-09
311	27.001	5.400	5.188E-10	34.846	6.969	1.115E-09	20.008	4.002	2.111E-10	105.259	21.052	3.074E-08	27.917	5.583	5.735E-10	-5.983	0.000	0.000E+00	32.513	6.503	9.059E-10
312	39.816	7.963	1.664E-09	35.237	7.047	1.153E-09	16.743	3.349	1.237E-10	33.063	6.613	9.526E-10	82.982	16.596	1.506E-08	19.345	3.869	1.908E-10	27.078	5.416	5.233E-10
313	31.726	6.345	8.417E-10	34.291	6.858	1.063E-09	-21.451	0.000	0.000E+00	106.530	21.306	3.186E-08	28.343	5.669	6.001E-10	-30.710	0.000	0.000E+00	-8.235	0.000	0.000E+00
314	18.519	3.704	1.674E-10	-25.324	0.000	0.000E+00	40.552	8.110	1.758E-09	23.835	4.767	3.569E-10	10.428	2.086	2.989E-11	30.229	6.046	7.281E-10	7.213	1.443	9.892E-12
315	32.777	6.555	9.281E-10	40.391	8.078	1.737E-09	20.921	4.184	2.413E-10	51.405	10.281	3.580E-09	25.928	5.186	4.594E-10	10.744	2.149	3.269E-11	31.983	6.397	8.623E-10
316	7.896	1.579	1.297E-11	-22.989	0.000	0.000E+00	34.166	6.833	1.051E-09	27.726	5.545	5.617E-10	32.665	6.533	9.186E-10	27.057	5.411	5.221E-10	19.341	3.868	1.907E-10
317	36.582	7.316	1.290E-09	22.198	4.440	2.883E-10	25.059	5.012	4.147E-10	32.602	6.520	9.134E-10	52.478	10.496	3.809E-09	24.571	4.914	3.910E-10	35.573	7.115	1.186E-09
318	23.574	4.715	3.453E-10	8.292	1.658	1.503E-11	30.856	6.171	7.743E-10	26.208	5.242	4.745E-10	31.612	6.322	8.326E-10	27.994	5.599	5.782E-10	5.286	1.057	3.892E-12
319	32.426	6.485	8.986E-10	38.027	7.605	1.449E-09	27.191	5.438	5.298E-10	32.373	6.475	8.942E-10	9.088	1.818	1.979E-11	34.071	6.814	1.042E-09	37.760	7.552	1.419E-09
320	-18.900	0.000	0.000E+00	22.927	4.585	3.176E-10	40.255	8.051	1.719E-09	28.749	5.750	6.263E-10	29.613	5.923	6.844E-10	34.746	6.949	1.106E-09	32.351	6.470	8.924E-10
321	41.114	8.223	1.832E-09	33.375	6.675	9.798E-10	18.714	3.743	1.727E-10	-26.686	0.000	0.000E+00	54.712	10.942	4.317E-09	9.670	1.934	2.383E-11	19.404	3.881	1.926E-10
322	30.343	6.069	7.363E-10	20.174	4.035	2.164E-10	27.587	5.517	5.534E-10	33.131	6.626	9.585E-10	26.414	5.283	4.857E-10	40.642	8.128	1.769E-09	31.358	6.272	8.127E-10
323	13.156	2.631	6.002E-11	40.775	8.155	1.787E-09	24.808	4.962	4.024E-10	34.113	6.823	1.046E-09	27.756	5.551	5.636E-10	26.869	5.374	5.112E-10	34.036	6.807	1.039E-09
324	24.302	4.860	3.783E-10	-16.089	0.000	0.000E+00	38.745	7.749	1.533E-09	21.844	4.369	2.747E-10	20.984	4.197	2.435E-10	29.673	5.935	6.886E-10	22.872	4.574	3.153E-10
325	28.486	5.697	6.093E-10	7.201	1.440	9.844E-12	14.288	2.858	7.688E-11	102.558	20.512	2.843E-08	-6.908	0.000	0.000E+00	37.874	7.575	1.432E-09	39.279	7.856	1.597E-09
326	5.841	1.168	5.253E-12	6.219	1.244	6.340E-12	32.951	6.590	9.430E-10	31.954	6.391	8.599E-10	-13.541	0.000	0.000E+00	29.615	5.923	6.846E-10	13.198	2.640	6.059E-11
327	39.926	7.985	1.677E-09	40.212	8.042	1.714E-09	30.268	6.054	7.309E-10	39.892	7.978	1.673E-09	27.813	5.563	5.670E-10	33.391	6.678	9.813E-10	37.329	7.466	1.371E-09
328	11.798	2.360	4.328E-11	10.593	2.119	3.133E-11	33.839	6.768	1.021E-09	34.425	6.885	1.075E-09	30.966	6.193	7.826E-10	28.258	5.652	5.947E-10	23.166	4.633	3.277E-10
329	42.521	8.504	2.026E-09	25.484	5.097	4.362E-10	29.310	5.862	6.636E-10	13.094	2.619	5.917E-11	119.158	23.832	4.459E-08	26.441	5.288	4.872E-10	30.662	6.132	7.598E-10
330	12.022	2.404	4.580E-11	-27.237	0.000	0.000E+00	29.591	5.918	6.829E-10	10.044	2.009	2.670E-11	29.132	5.826	6.517E-10	13.816	2.763	6.951E-11	-29.221	0.000	0.000E+00
331	-18.591	0.000	0.000E+00	34.501	6.900	1.082E-09	32.461	6.492	9.015E-10	36.656	7.331	1.298E-09	32.193	6.439	8.794E-10	34.881	6.976	1.119E-09	37.155	7.431	1.352E-09
332	24.638	4.928	3.942E-10	30.406	6.081	7.409E-10	40.068	8.014	1.695E-09	23.119	4.624	3.257E-10	32.586	6.517	9.120E-10	30.751	6.150	7.664E-10	15.018	3.004	8.928E-11
333	30.843	6.169	7.734E-10	23.144	4.629	3.268E-10	30.045	6.009	7.148E-10	-35.501	0.000	0.000E+00	6.777	1.355	8.205E-12	28.582	5.716	6.154E-10	28.912	5.782	6.370E-10
334	39.665	7.933	1.645E-09	34.066	6.813	1.042E-09	30.877	6.175	7.759E-10	31.863	6.373	8.526E-10	14.113	2.823	7.408E-11	12.309	2.462	4.916E-11	25.942	5.188	4.602E-10
335	30.354	6.071	7.371E-10	9.111	1.822	1.994E-11	32.571	6.514	9.107E-10	31.549	6.310	8.277E-10	33.282	6.656	9.716E-10	5.703	1.141	4.889E-12	38.426	7.685	1.495E-09
336	24.610	4.922	3.929E-10	9.986	1.997	2.624E-11	38.311	7.662	1.482E-09	32.666	6.533	9.187E-10	41.874	8.375	1.935E-09	42.566	8.513	2.033E-09	34.505	6.901	1.083E-09
337	-26.150	0.000	0.000E+00	33.515	6.703	9.922E-10	11.170	2.234	3.673E-11	8.518	1.704	1.629E-11	5.672	1.134	4.808E-12	18.107	3.621	1.565E-10	29.001	5.800	6.429E-10
338	14.496	2.899	8.028E-11	14.783	2.957	8.515E-11	9.758	1.952	2.449E-11	107.012	21.402	3.230E-08	33.075	6.615	9.536E-10	26.988	5.398	5.181E-10	32.169	6.434	8.774E-10
339	36.904	7.381	1.325E-09	17.679	3.536	1.456E-10	16.409	3.282	1.164E-10	29.894	5.979	7.041E-10	24.189	4.838	3.730E-10	33.023	6.605	9.492E-10	-7.182	0.000	0.000E+00
340	37.379	7.476	1.376E-09	34.072	6.814	1.043E-09	33.277	6.655	9.712E-10	3.632	0.726	1.263E-12	34.840	6.968	1.115E-09	32.169	6.434	8.774E-10	19.642	3.928	1.997E-10
341	40.491	8.098	1.750E-09	29.887	5.977	7.036E-10	26.132	5.226	4.703E-10	28.045	5.609	5.814E-10	7.938	1.588	1.318E-11	22.799	4.560	3.123E-10	11.106	2.221	3.610E-11
342	79.746	15.949	1.337E-08	34.893	6.979	1.120E-09	-19.174	0.000	0.000E+00	37.504	7.501	1.390E-09	32.565	6.513	9.102E-10	38.346	7.669	1.486E-09	-6.004	0.000	0.000E+00
343	18.748	3.750	1.737E-10	-27.121	0.000	0.000E+00	37.450	7.490	1.384E-09	27.128	5.426	5.262E-10	31.093	6.219	7.923E-10	-25.817	0.000	0.000E+00	21.405	4.281	2.585E-10
344	33.668	6.734	1.006E-09	36.041	7.208	1.234E-09	-35.061	0.000	0.000E+00	19.821	3.964	2.052E-10	18.516	3.703	1.673E-10	36.605	7.321	1.293E-09	35.426	7.085	1.172E-09
345	31.339	6.268	8.113E-10	31.110	6.222	7.936E-10	24.187	4.837	3.730E-10	35.250	7.050	1.154E-09	7.115	1.423	9.493E-12	20.762	4.152	2.359E-10	24.234	4.847	3.751E-10
346	33.543	6.709	9.947E-10	34.878	6.976	1.118E-09	-23.266	0.000	0.000E+00	-8.915	0.000	0.000E+00	22.221	4.444	2.892E-10	37.716	7.543	1.414E-09	-13.141	0.000	0.000E+00
347	34.713	6.943	1.102E-09	28.029	5.606	5.804E-10	22.753	4.551	3.104E-10	26.346	5.269	4.820E-10	-4.617	0.000	0.000E+00	31.910	6.382	8.564E-10	40.370	8.074	1.734E-09
348	22.371	4.474	2.951E-10	19.141	3.828	1.848E-10	-37.071	0.000	0.000E+00	24.631	4.926	3.938E-10	23.876	4.775	3.587E-10	34.050	6.810	1.041E-09	29.193	5.839	6.557E-10
349	55.436	11.087	4.490E-09	10.095	2.019	2.711E-11	26.178	5.236	4.728E-10	9.301	1.860	2.121E-11	36.179	7.236	1.248E-09	19.697	3.939	2.014E-10	28.887	5.777	6.354E-10
350	24.569	4.914	3.909E-10	23.497	4.699	3.419E-10	14.004	2.801	7.238E-11	32.920	6.584	9.403E-10	-28.536	0.000	0.000E+00	30.687	6.137	7.616E-10	35.599	7.120	1.189E

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
351	29.157	5.831	6.533E-10	11.385	2.277	3.889E-11	10.210	2.042	2.805E-11	26.637	5.327	4.981E-10	56.472	11.294	4.747E-09	12.276	2.455	4.876E-11	24.051	4.810	3.667E-10
352	-22.279	0.000	0.000E+00	26.032	5.206	4.649E-10	36.206	7.241	1.251E-09	100.623	20.125	2.685E-08	35.900	7.180	1.219E-09	29.246	5.849	6.593E-10	29.010	5.802	6.435E-10
353	34.255	6.851	1.059E-09	19.797	3.959	2.045E-10	20.198	4.040	2.172E-10	30.612	6.122	7.561E-10	30.917	6.183	7.789E-10	-21.586	0.000	0.000E+00	7.044	1.409	9.210E-12
354	24.879	4.976	4.059E-10	28.043	5.609	5.812E-10	-12.796	0.000	0.000E+00	33.535	6.707	9.940E-10	30.164	6.033	7.233E-10	-39.340	0.000	0.000E+00	7.440	1.488	1.085E-11
355	29.074	5.815	6.477E-10	28.762	5.752	6.271E-10	34.201	6.840	1.054E-09	18.406	3.681	1.644E-10	17.371	3.474	1.382E-10	25.964	5.193	4.613E-10	34.123	6.825	1.047E-09
356	37.937	7.587	1.439E-09	36.335	7.267	1.264E-09	36.061	7.212	1.236E-09	10.014	2.003	2.647E-11	9.433	1.887	2.213E-11	29.020	5.804	6.441E-10	21.758	4.352	2.715E-10
357	57.762	11.552	5.079E-09	35.391	7.078	1.168E-09	17.766	3.553	1.478E-10	29.653	5.931	6.873E-10	38.720	7.744	1.530E-09	15.850	3.170	1.049E-10	27.149	5.430	5.274E-10
358	28.915	5.783	6.372E-10	-3.097	0.000	0.000E+00	31.539	6.308	8.268E-10	8.000	1.600	1.350E-11	117.549	23.510	4.281E-08	32.019	6.404	8.652E-10	11.022	2.204	3.529E-11
359	16.861	3.372	1.264E-10	32.184	6.437	8.787E-10	30.974	6.195	7.832E-10	44.396	8.879	2.306E-09	86.513	17.303	1.707E-08	20.628	4.126	2.313E-10	31.107	6.221	7.934E-10
360	32.830	6.566	9.326E-10	26.635	5.327	4.980E-10	33.528	6.706	9.934E-10	106.514	21.303	3.185E-08	13.475	2.695	6.449E-11	29.036	5.807	6.452E-10	40.449	8.090	1.744E-09
361	25.429	5.086	4.334E-10	21.896	4.379	2.767E-10	-17.696	0.000	0.000E+00	24.047	4.809	3.665E-10	9.630	1.926	2.353E-11	32.415	6.483	8.977E-10	23.278	4.656	3.325E-10
362	24.652	4.930	3.949E-10	-26.271	0.000	0.000E+00	42.166	8.433	1.976E-09	23.508	4.702	3.424E-10	33.213	6.643	9.657E-10	24.971	4.994	4.104E-10	-5.102	0.000	0.000E+00
363	-7.088	0.000	0.000E+00	-33.737	0.000	0.000E+00	6.797	1.359	8.277E-12	23.089	4.618	3.244E-10	30.853	6.171	7.741E-10	26.216	5.243	4.749E-10	-8.247	0.000	0.000E+00
364	26.294	5.259	4.791E-10	31.199	6.240	8.004E-10	23.465	4.693	3.405E-10	2.431	0.486	3.785E-13	118.004	23.601	4.331E-08	32.660	6.532	9.182E-10	37.902	7.580	1.435E-09
365	31.962	6.392	8.606E-10	40.247	8.049	1.718E-09	18.617	3.723	1.701E-10	29.751	5.950	6.941E-10	34.077	6.815	1.043E-09	34.469	6.894	1.079E-09	31.624	6.325	8.336E-10
366	30.101	6.020	7.188E-10	-17.789	0.000	0.000E+00	28.811	5.762	6.304E-10	15.994	3.199	1.078E-10	23.160	4.632	3.274E-10	29.685	5.937	6.895E-10	29.804	5.961	6.978E-10
367	29.128	5.826	6.514E-10	32.440	6.488	8.997E-10	8.296	1.659	1.505E-11	23.652	4.730	3.487E-10	-29.602	0.000	0.000E+00	12.703	2.541	5.403E-11	12.639	2.528	5.322E-11
368	33.917	6.783	1.028E-09	29.864	5.973	7.020E-10	37.161	7.432	1.353E-09	59.107	11.821	5.443E-09	30.690	6.138	7.619E-10	-27.615	0.000	0.000E+00	35.166	7.033	1.146E-09
369	61.953	12.391	6.267E-09	37.233	7.447	1.360E-09	22.243	4.449	2.900E-10	-103.405	0.000	0.000E+00	32.829	6.566	9.325E-10	37.275	7.455	1.365E-09	10.842	2.168	3.359E-11
370	30.143	6.029	7.219E-10	7.759	1.552	1.231E-11	-9.712	0.000	0.000E+00	-29.073	0.000	0.000E+00	40.092	8.018	1.698E-09	12.674	2.535	5.366E-11	31.342	6.268	8.114E-10
371	29.855	5.971	7.013E-10	35.687	7.137	1.198E-09	13.719	2.744	6.805E-11	45.501	9.100	2.483E-09	34.512	6.902	1.083E-09	-24.827	0.000	0.000E+00	29.162	5.832	6.536E-10
372	19.702	3.940	2.016E-10	42.094	8.419	1.966E-09	-16.745	0.000	0.000E+00	67.156	13.431	7.982E-09	5.339	1.068	4.011E-12	36.731	7.346	1.306E-09	5.468	1.094	4.310E-12
373	12.872	2.574	5.621E-11	30.524	6.105	7.496E-10	35.679	7.136	1.197E-09	11.539	2.308	4.049E-11	16.966	3.393	1.287E-10	19.112	3.822	1.840E-10	14.586	2.917	8.179E-11
374	17.444	3.489	1.399E-10	-24.553	0.000	0.000E+00	29.956	5.991	7.085E-10	27.707	5.541	5.606E-10	29.422	5.884	6.713E-10	55.704	11.141	4.556E-09	29.845	5.969	7.007E-10
375	21.794	4.359	2.728E-10	24.412	4.882	3.835E-10	68.110	13.622	8.328E-09	32.075	6.415	8.697E-10	35.121	7.024	1.142E-09	32.469	6.494	9.022E-10	-6.761	0.000	0.000E+00
376	8.648	1.730	1.705E-11	5.939	1.188	5.521E-12	5.590	1.118	4.604E-12	8.573	1.715	1.661E-11	37.032	7.406	1.338E-09	35.472	7.094	1.176E-09	35.542	7.108	1.183E-09
377	14.163	2.833	7.488E-11	28.528	5.706	6.119E-10	40.531	8.106	1.755E-09	68.307	13.661	8.400E-09	30.322	6.064	7.348E-10	-26.869	0.000	0.000E+00	30.905	6.181	7.780E-10
378	27.728	5.546	5.619E-10	30.596	6.119	7.549E-10	9.805	1.961	2.485E-11	25.876	5.175	4.566E-10	105.752	21.150	3.117E-08	29.649	5.930	6.869E-10	34.514	6.903	1.084E-09
379	32.168	6.434	8.774E-10	23.563	4.713	3.448E-10	30.686	6.137	7.616E-10	38.219	7.644	1.471E-09	9.210	1.842	2.059E-11	37.385	7.477	1.377E-09	23.252	4.650	3.313E-10
380	6.183	1.237	6.231E-12	-17.208	0.000	0.000E+00	31.308	6.262	8.089E-10	39.293	7.859	1.599E-09	103.640	20.728	2.934E-08	20.049	4.010	2.124E-10	30.532	6.106	7.502E-10
381	37.008	7.402	1.336E-09	31.253	6.251	8.046E-10	-42.019	0.000	0.000E+00	15.659	3.132	1.012E-10	35.035	7.007	1.133E-09	24.340	4.868	3.801E-10	39.979	7.996	1.684E-09
382	28.989	5.798	6.421E-10	37.803	7.561	1.424E-09	30.658	6.132	7.595E-10	88.500	17.700	1.827E-08	24.562	4.912	3.905E-10	-34.030	0.000	0.000E+00	30.396	6.079	7.402E-10
383	32.125	6.425	8.738E-10	32.470	6.494	9.022E-10	17.756	3.551	1.476E-10	33.418	6.684	9.836E-10	28.810	5.762	6.303E-10	40.478	8.096	1.748E-09	18.812	3.762	1.755E-10
384	28.574	5.715	6.149E-10	-20.607	0.000	0.000E+00	29.057	5.811	6.466E-10	97.319	19.464	2.429E-08	58.550	11.710	5.290E-09	8.198	1.640	1.452E-11	19.668	3.934	2.005E-10
385	30.495	6.099	7.475E-10	-6.807	0.000	0.000E+00	34.893	6.979	1.120E-09	27.862	5.572	5.701E-10	28.960	5.792	6.402E-10	-5.556	0.000	0.000E+00	30.314	6.063	7.342E-10
386	32.685	6.537	9.203E-10	37.795	7.559	1.423E-09	28.548	5.710	6.132E-10	35.431	7.086	1.172E-09	65.239	13.048	7.318E-09	23.243	4.649	3.310E-10	23.626	4.725	3.476E-10
387	8.774	1.755	1.780E-11	24.844	4.969	4.042E-10	58.751	11.750	5.345E-09	7.200	1.440	9.837E-12	28.011	5.602	5.793E-10	31.419	6.284	8.174E-10	9.249	1.850	2.085E-11
388	34.649	6.930	1.096E-09	22.067	4.413	2.832E-10	25.670	5.134	4.458E-10	30.573	6.115	7.532E-10	41.984	8.397	1.951E-09	25.303	5.061	4.270E-10	34.965	6.993	1.127E-09
389	7.988	1.598	1.344E-11	9.078	1.816	1.971E-11	-5.206	0.000	0.000E+00	72.644	14.529	1.010E-08	37.550	7.510	1.395E-09	35.731	7.146	1.202E-09	-3.599	0.000	0.000E+00
390	15.271	3.054	9.386E-11	20.252	4.050	2.189E-10	6.375	1.275	6.828E-12	22.236	4.447	2.898E-10	36.271	7.254	1.258E-09	34.313	6.863	1.065E-09	34.300	6.860	1.064E-09
391	36.911	7.382	1.325E-09	-24.335	0.000	0.000E+00	4.406	0.881	2.255E-12	34.716	6.943	1.103E-09	7.284	1.457	1.018E-11	34.391	6.878	1.072E-09	25.170	5.034	4.203E-10
392	38.942	7.788	1.557E-09	35.178	7.036	1.147E-09	79.853	15.971	1.342E-08	7.629	1.526	1.170E-11	16.922	3.384	1.277E-10	29.984	5.997	7.105E-10	15.645	3.129	1.009E-10
393	25.160	5.032	4.198E-10	-9.586	0.000	0.000E+00	29.304	5.861	6.632E-10	31.494	6.299	8.234E-10	35.077	7.015	1.138E-09	-19.842	0.000	0.000E+00	24.358	4.872	3.809E-10
394	15.625	3.125	1.005E-10	34.374	6.875	1.071E-09	21.618	4.324	2.663E-10	27.935	5.587	5.746E-10	33.971	6.794	1.033E-09	30.193	6.039	7.255E-10	34.775	6.955	1.108E-09
395	11.736	2.347	4.261E-11	24.477	4.895	3.865E-10	26.067	5.213	4.668E-10	30.706	6.141	7.630E-10	34.072	6.814	1.043E-09	27.265	5.453	5.342E-10	32.264	6.453	8.852E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
396	32.687	6.537	9.205E-10	34.294	6.859	1.063E-09	19.337	3.867	1.906E-10	9.716	1.943	2.417E-11	31.896	6.379	8.553E-10	37.289	7.458	1.367E-09	32.247	6.449	8.838E-10
397	41.215	8.243	1.845E-09	8.481	1.696	1.608E-11	-30.979	0.000	0.000E+00	109.241	21.848	3.436E-08	32.974	6.595	9.450E-10	27.227	5.445	5.320E-10	23.033	4.607	3.221E-10
398	-5.302	0.000	0.000E+00	30.171	6.034	7.238E-10	11.653	2.331	4.170E-11	-19.202	0.000	0.000E+00	38.856	7.771	1.546E-09	36.893	7.379	1.323E-09	28.036	5.607	5.808E-10
399	24.676	4.935	3.960E-10	21.203	4.241	2.512E-10	59.339	11.868	5.507E-09	18.600	3.720	1.696E-10	-27.118	0.000	0.000E+00	28.462	5.692	6.077E-10	-5.775	0.000	0.000E+00
400	23.974	4.795	3.632E-10	-7.282	0.000	0.000E+00	59.770	11.954	5.628E-09	39.483	7.897	1.622E-09	35.098	7.020	1.140E-09	25.099	5.020	4.167E-10	11.974	2.395	4.525E-11
401	33.189	6.638	9.636E-10	25.252	5.050	4.244E-10	57.509	11.502	5.013E-09	12.596	2.519	5.267E-11	28.755	5.751	6.267E-10	-30.150	0.000	0.000E+00	31.588	6.318	8.308E-10
402	22.720	4.544	3.091E-10	5.570	1.114	4.556E-12	33.200	6.640	9.645E-10	44.373	8.875	2.303E-09	32.714	6.543	9.227E-10	65.855	13.171	7.528E-09	33.353	6.671	9.779E-10
403	28.643	5.729	6.194E-10	15.997	3.199	1.079E-10	38.254	7.651	1.475E-09	13.220	2.644	6.089E-11	58.711	11.742	5.334E-09	12.441	2.488	5.075E-11	5.439	1.088	4.240E-12
404	34.575	6.915	1.089E-09	18.194	3.639	1.587E-10	26.192	5.238	4.736E-10	4.344	0.869	2.160E-12	56.676	11.335	4.798E-09	22.394	4.479	2.960E-10	30.547	6.109	7.513E-10
405	25.661	5.132	4.454E-10	34.508	6.902	1.083E-09	35.273	7.055	1.157E-09	29.705	5.941	6.908E-10	12.344	2.469	4.957E-11	22.491	4.498	2.998E-10	60.995	12.199	5.981E-09
406	17.230	3.446	1.348E-10	24.226	4.845	3.748E-10	30.362	6.072	7.377E-10	25.466	5.093	4.353E-10	104.584	20.917	3.015E-08	26.349	5.270	4.821E-10	-17.599	0.000	0.000E+00
407	25.203	5.041	4.219E-10	29.821	5.964	6.989E-10	38.177	7.635	1.467E-09	35.844	7.169	1.214E-09	109.060	21.812	3.419E-08	54.434	10.887	4.251E-09	34.686	6.937	1.100E-09
408	29.156	5.831	6.533E-10	28.310	5.662	5.980E-10	29.352	5.870	6.665E-10	13.641	2.728	6.689E-11	31.748	6.350	8.434E-10	33.526	6.705	9.932E-10	11.732	2.346	4.256E-11
409	16.382	3.276	1.159E-10	9.957	1.991	2.601E-11	-5.468	0.000	0.000E+00	30.301	6.060	7.333E-10	25.868	5.174	4.562E-10	-25.136	0.000	0.000E+00	27.357	5.471	5.396E-10
410	-33.968	0.000	0.000E+00	31.716	6.343	8.408E-10	23.804	4.761	3.555E-10	24.678	4.936	3.961E-10	27.761	5.552	5.639E-10	108.039	21.608	3.324E-08	27.728	5.546	5.619E-10
411	37.062	7.412	1.342E-09	29.436	5.887	6.722E-10	30.108	6.022	7.193E-10	22.660	4.532	3.067E-10	9.607	1.921	2.337E-11	28.128	5.626	5.865E-10	-28.868	0.000	0.000E+00
412	10.406	2.081	2.970E-11	29.219	5.844	6.575E-10	-19.230	0.000	0.000E+00	33.146	6.629	9.598E-10	32.552	6.510	9.091E-10	7.285	1.457	1.019E-11	29.742	5.948	6.934E-10
413	33.433	6.687	9.850E-10	16.580	3.316	1.201E-10	63.239	12.648	6.666E-09	26.740	5.348	5.040E-10	9.568	1.914	2.309E-11	106.198	21.240	3.157E-08	-6.526	0.000	0.000E+00
414	27.616	5.523	5.551E-10	33.245	6.649	9.685E-10	29.600	5.920	6.835E-10	-8.479	0.000	0.000E+00	-25.035	0.000	0.000E+00	30.666	6.133	7.601E-10	34.091	6.818	1.044E-09
415	27.919	5.584	5.736E-10	35.968	7.194	1.226E-09	22.155	4.431	2.866E-10	20.124	4.025	2.148E-10	30.062	6.012	7.160E-10	73.766	14.753	1.058E-08	30.345	6.069	7.365E-10
416	26.810	5.362	5.079E-10	36.565	7.313	1.288E-09	-31.888	0.000	0.000E+00	-7.577	0.000	0.000E+00	21.251	4.250	2.530E-10	27.069	5.414	5.228E-10	26.583	5.317	4.951E-10
417	29.707	5.941	6.910E-10	33.583	6.717	9.983E-10	11.379	2.276	3.883E-11	30.118	6.024	7.201E-10	31.137	6.227	7.956E-10	30.422	6.084	7.421E-10	26.903	5.381	5.132E-10
418	25.406	5.081	4.322E-10	24.228	4.846	3.748E-10	31.696	6.339	8.393E-10	-28.877	0.000	0.000E+00	-3.823	0.000	0.000E+00	109.259	21.852	3.438E-08	8.902	1.780	1.859E-11
419	22.492	4.498	2.999E-10	-7.825	0.000	0.000E+00	-9.887	0.000	0.000E+00	-25.413	0.000	0.000E+00	109.950	21.990	3.503E-08	33.871	6.774	1.024E-09	32.276	6.455	8.862E-10
420	6.924	1.385	8.749E-12	33.746	6.749	1.013E-09	25.866	5.173	4.561E-10	31.762	6.352	8.445E-10	36.238	7.248	1.254E-09	-6.557	0.000	0.000E+00	-5.851	0.000	0.000E+00
421	38.603	7.721	1.516E-09	29.197	5.839	6.560E-10	27.753	5.551	5.634E-10	34.181	6.836	1.053E-09	34.853	6.971	1.116E-09	27.243	5.449	5.329E-10	29.736	5.947	6.930E-10
422	27.270	5.454	5.345E-10	33.225	6.645	9.667E-10	32.241	6.448	8.833E-10	109.369	21.874	3.448E-08	36.537	7.307	1.286E-09	30.241	6.048	7.289E-10	23.913	4.783	3.604E-10
423	65.028	13.006	7.247E-09	31.468	6.294	8.213E-10	32.620	6.524	9.148E-10	-84.813	0.000	0.000E+00	20.330	4.066	2.215E-10	9.457	1.891	2.229E-11	36.293	7.259	1.260E-09
424	56.423	11.285	4.734E-09	15.170	3.034	9.202E-11	23.361	4.672	3.360E-10	29.667	5.933	6.882E-10	12.705	2.541	5.406E-11	17.694	3.539	1.460E-10	-8.133	0.000	0.000E+00
425	10.873	2.175	3.388E-11	28.208	5.642	5.916E-10	43.809	8.762	2.216E-09	109.153	21.831	3.428E-08	30.112	6.022	7.197E-10	15.619	3.124	1.004E-10	26.281	5.256	4.784E-10
426	30.091	6.018	7.181E-10	4.114	0.823	1.835E-12	61.127	12.225	6.020E-09	53.394	10.679	4.012E-09	37.292	7.458	1.367E-09	36.708	7.342	1.304E-09	-36.363	0.000	0.000E+00
427	-16.876	0.000	0.000E+00	5.587	1.117	4.597E-12	107.933	21.587	3.314E-08	-16.687	0.000	0.000E+00	13.576	2.715	6.595E-11	-20.753	0.000	0.000E+00	39.216	7.843	1.590E-09
428	27.349	5.470	5.391E-10	21.533	4.307	2.631E-10	10.545	2.109	3.090E-11	28.595	5.719	6.162E-10	189.094	37.819	1.782E-07	22.374	4.475	2.952E-10	91.377	18.275	2.011E-08
429	22.122	4.424	2.853E-10	23.569	4.714	3.451E-10	36.639	7.328	1.296E-09	36.712	7.342	1.304E-09	29.205	5.841	6.565E-10	36.339	7.268	1.265E-09	33.141	6.628	9.94E-10
430	31.699	6.340	8.395E-10	13.425	2.685	6.378E-11	33.367	6.673	9.792E-10	-20.597	0.000	0.000E+00	39.942	7.988	1.679E-09	-17.284	0.000	0.000E+00	29.201	5.840	6.563E-10
431	24.383	4.877	3.821E-10	29.843	5.969	7.005E-10	22.361	4.472	2.947E-10	17.575	3.515	1.431E-10	10.862	2.172	3.378E-11	23.541	4.708	3.439E-10	28.012	5.602	5.793E-10
432	14.678	2.936	8.334E-11	35.706	7.141	1.200E-09	24.564	4.913	3.907E-10	103.303	20.661	2.906E-08	24.922	4.984	4.080E-10	29.495	5.899	6.763E-10	33.466	6.693	9.879E-10
433	-24.422	0.000	0.000E+00	23.955	4.791	3.623E-10	36.625	7.325	1.295E-09	34.999	7.000	1.130E-09	29.439	5.888	6.724E-10	68.992	13.798	8.655E-09	27.808	5.562	5.667E-10
434	40.323	8.065	1.728E-09	10.795	2.159	3.315E-11	7.454	1.491	1.091E-11	25.886	5.177	4.572E-10	100.700	20.140	2.691E-08	12.256	2.451	4.853E-11	34.899	6.980	1.120E-09
435	60.511	12.102	5.840E-09	11.500	2.300	4.008E-11	62.121	12.424	6.318E-09	14.859	2.972	8.648E-11	9.578	1.916	2.316E-11	58.757	11.751	5.346E-09	-21.138	0.000	0.000E+00
436	58.886	11.777	5.382E-09	4.803	0.961	2.921E-12	-5.002	0.000	0.000E+00	24.020	4.804	3.653E-10	59.005	11.801	5.414E-09	27.310	5.462	5.368E-10	29.452	5.890	6.734E-10
437	37.464	7.493	1.386E-09	28.073	5.615	5.831E-10	22.999	4.600	3.206E-10	25.710	5.142	4.479E-10	29.953	5.991	7.038E-10	31.600	6.320	8.317E-10	35.084	7.017	1.138E-09
438	7.107	1.421	9.460E-12	30.699	6.140	7.625E-10	27.981	5.596	5.774E-10	37.279	7.456	1.365E-09	25.928	5.186	4.594E-10	24.459	4.892	3.857E-10	35.995	7.199	1.229E-09
439	33.297	6.659	9.730E-10	11.882	2.376	4.421E-11	9.618	1.924	2.345E-11	33.728	6.746	1.011E-09	12.794	2.559	5.519E-11	-25.573	0.000	0.000E+00	27.248	5.450	5.332E-10
440	8.576	1.715	1.662E-11	28.630	5.726	6.185E-10	58.336	11.667	5.232E-09	64.145	12.829	6.956E-09	28.738	5.748	6.256E-10	29.010	5.802	6.434E-10	30.252	6.050	7.297E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
441	32.296	6.459	8.878E-10	-16.720	0.000	0.000E+00	31.061	6.212	7.898E-10	34.252	6.850	1.059E-09	28.993	5.799	6.424E-10	33.372	6.674	9.796E-10	-5.345	0.000	0.000E+00
442	29.562	5.912	6.809E-10	87.781	17.556	1.783E-08	20.254	4.051	2.190E-10	27.624	5.525	5.556E-10	25.635	5.127	4.440E-10	33.730	6.746	1.011E-09	32.759	6.552	9.265E-10
443	30.819	6.164	7.715E-10	8.289	1.658	1.501E-11	4.497	0.899	2.397E-12	36.061	7.212	1.236E-09	5.392	1.078	4.132E-12	29.951	5.990	7.081E-10	29.195	5.839	6.559E-10
444	70.024	14.005	9.050E-09	33.372	6.674	9.795E-10	35.245	7.049	1.154E-09	32.081	6.416	8.702E-10	31.449	6.290	8.198E-10	30.312	6.062	7.341E-10	37.494	7.499	1.389E-09
445	26.306	5.261	4.798E-10	33.882	6.776	1.025E-09	33.869	6.774	1.024E-09	21.527	4.305	2.629E-10	8.179	1.636	1.442E-11	27.781	5.556	5.651E-10	23.882	4.776	3.590E-10
446	58.179	11.636	5.190E-09	28.671	5.734	6.212E-10	66.201	13.240	7.647E-09	32.722	6.544	9.234E-10	31.392	6.278	8.154E-10	22.918	4.584	3.173E-10	-5.492	0.000	0.000E+00
447	32.491	6.498	9.040E-10	34.570	6.914	1.089E-09	14.899	2.980	8.717E-11	-9.594	0.000	0.000E+00	4.412	0.882	2.264E-12	33.207	6.641	9.651E-10	26.062	5.212	4.666E-10
448	27.606	5.521	5.545E-10	64.014	12.803	6.914E-09	-19.562	0.000	0.000E+00	27.811	5.562	5.670E-10	30.662	6.132	7.598E-10	33.428	6.686	9.845E-10	9.976	1.995	2.617E-11
449	35.280	7.056	1.157E-09	25.248	5.050	4.242E-10	9.554	1.911	2.298E-11	28.722	5.744	6.245E-10	108.264	21.653	3.345E-08	7.517	1.503	1.119E-11	21.549	4.310	2.637E-10
450	7.161	1.432	9.678E-12	24.426	4.885	3.841E-10	24.831	4.966	4.035E-10	68.798	13.760	8.583E-09	-59.902	0.000	0.000E+00	26.882	5.376	5.120E-10	30.197	6.039	7.257E-10
451	23.360	4.672	3.360E-10	96.692	19.338	2.383E-08	27.803	5.561	5.664E-10	15.549	3.110	9.909E-11	16.486	3.297	1.181E-10	7.288	1.458	1.020E-11	33.908	6.782	1.027E-09
452	30.838	6.168	7.729E-10	30.754	6.151	7.666E-10	67.347	13.469	8.051E-09	32.875	6.575	9.364E-10	39.535	7.907	1.629E-09	20.393	4.079	2.235E-10	14.232	2.846	7.598E-11
453	167.082	33.416	1.229E-07	-7.348	0.000	0.000E+00	60.845	12.169	5.937E-09	30.144	6.029	7.219E-10	31.533	6.307	8.264E-10	-26.506	0.000	0.000E+00	23.474	4.695	3.409E-10
454	104.553	20.911	3.012E-08	24.655	4.931	3.950E-10	30.151	6.030	7.225E-10	7.362	1.472	1.052E-11	32.159	6.432	8.766E-10	26.321	5.264	4.806E-10	35.253	7.051	1.155E-09
455	62.799	12.560	6.528E-09	116.028	23.206	4.117E-08	29.924	5.985	7.062E-10	29.167	5.833	6.540E-10	7.283	1.457	1.018E-11	33.571	6.714	9.972E-10	34.492	6.898	1.082E-09
456	46.850	9.370	2.710E-09	-26.226	0.000	0.000E+00	21.893	4.379	2.766E-10	92.262	18.452	2.070E-08	10.183	2.037	2.783E-11	27.959	5.592	5.760E-10	34.140	6.828	1.049E-09
457	-68.016	0.000	0.000E+00	36.320	7.264	1.263E-09	39.439	7.888	1.617E-09	30.431	6.086	7.428E-10	101.602	20.320	2.764E-08	30.010	6.002	7.123E-10	113.768	22.754	3.881E-08
458	9.781	1.956	2.466E-11	88.244	17.649	1.811E-08	46.759	9.352	2.695E-09	27.532	5.506	5.500E-10	31.751	6.350	8.437E-10	30.887	6.177	7.766E-10	5.002	1.000	3.298E-12
459	34.114	6.823	1.046E-09	26.125	5.225	4.700E-10	26.650	5.330	4.988E-10	8.116	1.623	1.409E-11	7.517	1.503	1.120E-11	33.581	6.716	9.981E-10	63.431	12.686	6.727E-09
460	35.666	7.133	1.196E-09	25.300	5.060	4.268E-10	-37.386	0.000	0.000E+00	29.236	5.847	6.586E-10	36.417	7.283	1.273E-09	62.455	12.491	6.421E-09	23.907	4.781	3.601E-10
461	19.155	3.831	1.852E-10	26.768	5.354	5.055E-10	51.625	10.325	3.626E-09	10.276	2.055	2.860E-11	108.136	21.627	3.333E-08	8.350	1.670	1.534E-11	28.164	5.633	5.888E-10
462	7.593	1.519	1.154E-11	5.501	1.100	4.388E-12	10.569	2.114	3.112E-11	34.032	6.806	1.039E-09	16.816	3.363	1.253E-10	21.787	4.357	2.726E-10	55.078	11.016	4.404E-09
463	24.143	4.829	3.709E-10	32.920	6.584	9.403E-10	33.785	6.757	1.016E-09	32.565	6.513	9.102E-10	28.525	5.705	6.118E-10	25.481	5.096	4.361E-10	26.458	5.292	4.882E-10
464	28.525	5.705	6.117E-10	76.421	15.284	1.176E-08	-9.209	0.000	0.000E+00	51.580	10.316	3.617E-09	31.021	6.204	7.688E-10	6.887	1.377	8.608E-12	29.688	5.938	6.897E-10
465	32.288	6.458	8.872E-10	105.988	21.198	3.138E-08	-5.918	0.000	0.000E+00	19.690	3.938	2.012E-10	64.121	12.824	6.949E-09	29.019	5.804	6.441E-10	-4.412	0.000	0.000E+00
466	23.013	4.603	3.212E-10	24.084	4.817	3.682E-10	8.812	1.762	1.803E-11	116.694	23.339	4.188E-08	9.536	1.907	2.286E-11	108.315	21.663	3.349E-08	24.513	4.903	3.882E-10
467	62.250	12.450	6.358E-09	32.893	6.579	9.380E-10	25.845	5.169	4.550E-10	33.211	6.642	9.655E-10	-3.875	0.000	0.000E+00	26.391	5.278	4.845E-10	34.918	6.984	1.122E-09
468	32.437	6.487	8.995E-10	31.633	6.327	8.343E-10	8.980	1.796	1.909E-11	31.430	6.286	8.183E-10	106.002	21.200	3.139E-08	28.586	5.717	6.157E-10	25.064	5.013	4.150E-10
469	29.443	5.889	6.727E-10	28.262	5.652	5.950E-10	16.456	3.291	1.174E-10	30.806	6.161	7.705E-10	-9.093	0.000	0.000E+00	2.991	0.598	7.053E-13	26.547	5.309	4.931E-10
470	107.773	21.555	3.299E-08	17.295	3.459	1.364E-10	35.998	7.200	1.230E-09	104.513	20.903	3.009E-08	39.726	7.945	1.652E-09	36.931	7.386	1.328E-09	16.873	3.375	1.266E-10
471	27.764	5.553	5.641E-10	111.651	22.330	3.668E-08	28.142	5.628	5.874E-10	33.173	6.635	9.621E-10	69.722	13.944	8.933E-09	34.316	6.863	1.065E-09	31.725	6.345	8.416E-10
472	106.011	21.202	3.140E-08	61.524	12.305	6.138E-09	64.718	12.944	7.144E-09	68.020	13.604	8.295E-09	22.062	4.412	2.830E-10	13.245	2.649	6.125E-11	30.365	6.073	7.379E-10
473	46.998	9.400	2.736E-09	94.660	18.932	2.236E-08	9.667	1.933	2.381E-11	31.090	6.218	7.921E-10	91.438	18.288	2.015E-08	15.597	3.119	1.000E-10	21.155	4.231	2.495E-10
474	28.741	5.748	6.257E-10	30.374	6.075	7.386E-10	64.551	12.910	7.089E-09	34.445	6.889	1.077E-09	28.006	5.601	5.790E-10	9.584	1.917	2.320E-11	34.686	6.937	1.100E-09
475	28.369	5.674	6.018E-10	51.567	10.313	3.614E-09	18.424	3.685	1.648E-10	23.509	4.702	3.425E-10	32.551	6.510	9.090E-10	21.297	4.259	2.546E-10	18.350	3.670	1.628E-10
476	59.203	11.841	5.469E-09	25.846	5.169	4.551E-10	29.978	5.996	7.100E-10	31.719	6.344	8.411E-10	29.521	5.904	6.781E-10	30.835	6.167	7.727E-10	29.419	5.884	6.710E-10
477	30.296	6.059	7.329E-10	12.637	2.527	5.319E-11	109.278	21.856	3.439E-08	31.873	6.375	8.534E-10	36.363	7.273	1.267E-09	24.165	4.833	3.719E-10	-14.926	0.000	0.000E+00
478	50.323	10.065	3.359E-09	20.775	4.155	2.363E-10	28.943	5.789	6.390E-10	66.923	13.385	7.900E-09	27.583	5.517	5.531E-10	171.756	34.351	1.335E-07	12.323	2.465	4.933E-11
479	27.653	5.531	5.574E-10	9.693	1.939	2.400E-11	26.550	5.310	4.933E-10	12.189	2.438	4.773E-11	18.320	3.664	1.620E-10	27.297	5.459	5.361E-10	29.348	5.870	6.663E-10
480	30.904	6.181	7.780E-10	36.951	7.390	1.330E-09	-33.443	0.000	0.000E+00	65.863	13.173	7.530E-09	19.983	3.997	2.103E-10	42.308	8.462	1.996E-09	29.409	5.882	6.704E-10
481	8.691	1.738	1.730E-11	109.586	21.917	3.469E-08	25.258	5.052	4.247E-10	38.288	7.658	1.479E-09	-32.387	0.000	0.000E+00	-5.774	0.000	0.000E+00	63.236	12.647	6.665E-09
482	38.223	7.645	1.472E-09	111.198	22.240	3.624E-08	27.475	5.495	5.466E-10	112.145	22.429	3.717E-08	54.551	10.910	4.279E-09	-4.279	0.000	0.000E+00	53.162	10.632	3.960E-09
483	10.330	2.066	2.905E-11	30.534	6.107	7.503E-10	32.200	6.440	8.800E-10	106.003	21.201	3.139E-08	68.303	13.661	8.399E-09	68.978	13.796	8.650E-09	14.828	2.966	8.593E-11
484	29.460	5.892	6.739E-10	29.993	5.999	7.112E-10	29.868	5.974	7.023E-10	-45.334	0.000	0.000E+00	10.270	2.054	2.855E-11	27.954	5.591	5.757E-10	-22.536	0.000	0.000E+00
485	-3.881	0.000	0.000E+00	20.005	4.001	2.110E-10	34.842	6.968	1.115E-09	32.175	6.435	8.779E-10	27.992	5.598	7.861E-10	18.713	3.743	1.727E-			

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
486	39.154	7.831	1.582E-09	25.939	5.188	4.600E-10	-21.925	0.000	0.000E+00	8.405	1.565E-11	34.863	6.973	1.117E-09	35.116	7.023	1.141E-09	27.543	5.509	5.507E-10	
487	27.259	5.452	5.338E-10	23.602	4.720	3.465E-10	29.044	5.809	6.457E-10	108.794	21.759	3.394E-08	31.566	6.313	8.290E-10	25.357	5.071	4.297E-10	35.735	7.147	1.203E-09
488	103.184	20.637	2.895E-08	22.421	4.484	2.971E-10	30.865	6.173	7.750E-10	-18.801	0.000	0.000E+00	29.027	5.805	6.446E-10	30.235	6.047	7.285E-10	37.644	7.529	1.406E-09
489	132.734	26.547	6.164E-08	29.759	5.952	6.946E-10	18.576	3.715	1.690E-10	18.975	3.795	1.801E-10	-7.526	0.000	0.000E+00	7.468	1.494	1.098E-11	13.133	2.627	5.970E-11
490	12.977	2.595	5.759E-11	8.573	1.715	1.660E-11	30.317	6.063	7.344E-10	-21.890	0.000	0.000E+00	18.427	3.685	1.649E-10	11.454	2.291	3.960E-11	16.251	3.250	1.131E-10
491	63.754	12.751	6.830E-09	-20.065	0.000	0.000E+00	58.477	11.695	5.270E-09	24.731	4.946	3.987E-10	16.777	3.355	1.245E-10	38.499	7.700	1.504E-09	34.503	6.901	1.083E-09
492	108.613	21.723	3.377E-08	33.700	6.740	1.009E-09	35.993	7.199	1.229E-09	5.660	1.132	4.780E-12	106.591	21.318	3.192E-08	-17.430	0.000	0.000E+00	38.111	7.622	1.459E-09
493	29.937	5.987	7.072E-10	16.566	3.313	1.198E-10	26.674	5.335	5.002E-10	32.138	6.428	8.749E-10	107.719	21.544	3.294E-08	58.964	11.793	5.403E-09	25.184	5.037	4.210E-10
494	7.743	1.549	1.223E-11	18.971	3.794	1.799E-10	13.002	2.600	5.793E-11	29.628	5.926	6.855E-10	30.247	6.049	7.293E-10	31.286	6.257	8.072E-10	35.479	7.096	1.177E-09
495	23.150	4.630	3.270E-10	38.574	7.715	1.513E-09	35.123	7.025	1.142E-09	-20.659	0.000	0.000E+00	-32.543	0.000	0.000E+00	33.714	6.743	1.010E-09	101.090	20.218	2.723E-08
496	22.717	4.543	3.090E-10	28.528	5.706	6.119E-10	58.070	11.614	5.161E-09	27.785	5.557	5.653E-10	28.863	5.773	6.337E-10	20.024	4.005	2.116E-10	104.006	20.801	2.965E-08
497	11.469	2.294	3.976E-11	28.440	5.688	6.063E-10	4.717	0.943	2.766E-12	29.486	5.897	6.756E-10	7.774	1.555	1.238E-11	30.666	6.133	7.601E-10	26.583	5.317	4.951E-10
498	28.504	5.701	6.104E-10	12.626	2.525	5.305E-11	29.049	5.810	6.461E-10	-5.374	0.000	0.000E+00	32.572	6.514	9.108E-10	10.338	2.068	2.912E-11	25.729	5.146	4.489E-10
499	33.166	6.633	9.615E-10	30.069	6.014	7.166E-10	60.694	12.139	5.893E-09	27.090	5.418	5.240E-10	29.237	5.847	6.587E-10	28.694	5.739	6.226E-10	31.212	6.242	8.014E-10
500	7.358	1.472	1.050E-11	-21.217	0.000	0.000E+00	25.135	5.027	4.185E-10	31.245	6.249	8.039E-10	32.918	6.584	9.402E-10	28.517	5.703	6.112E-10	32.954	6.591	9.433E-10
501	26.607	5.321	4.964E-10	29.781	5.956	6.962E-10	57.789	11.558	5.086E-09	19.647	3.929	1.999E-10	6.730	1.346	8.036E-12	29.249	5.850	6.595E-10	29.416	5.883	6.709E-10
502	21.925	4.385	2.778E-10	27.494	5.499	5.478E-10	-55.108	0.000	0.000E+00	10.508	2.102	3.058E-11	10.401	2.080	2.966E-11	34.502	6.900	1.082E-09	34.613	6.923	1.093E-09
503	27.606	5.521	5.545E-10	-33.542	0.000	0.000E+00	24.435	4.887	3.845E-10	57.759	11.552	5.079E-09	16.094	3.219	1.099E-10	-13.859	0.000	0.000E+00	55.237	11.047	4.442E-09
504	30.382	6.076	7.391E-10	-13.653	0.000	0.000E+00	-18.910	0.000	0.000E+00	10.148	2.030	2.755E-11	6.018	1.204	5.744E-12	34.067	6.813	1.042E-09	22.716	4.543	3.089E-10
505	5.086	1.017	3.467E-12	31.859	6.372	8.523E-10	30.823	6.165	7.718E-10	33.793	6.759	1.017E-09	20.024	4.005	2.116E-10	9.139	1.828	2.012E-11	-7.682	0.000	0.000E+00
506	19.166	3.833	1.856E-10	31.976	6.395	8.617E-10	35.764	7.153	1.206E-09	31.272	6.254	8.060E-10	38.566	7.713	1.512E-09	8.354	1.671	1.537E-11	10.591	2.118	3.131E-11
507	29.530	5.906	6.787E-10	27.545	5.509	5.508E-10	22.345	4.469	2.941E-10	28.875	5.775	6.345E-10	6.827	1.365	8.385E-12	17.674	3.535	1.455E-10	31.071	6.214	7.906E-10
508	31.568	6.314	8.292E-10	16.396	3.279	1.162E-10	38.064	7.613	1.454E-09	-20.396	0.000	0.000E+00	43.334	8.667	2.145E-09	7.218	1.444	9.911E-12	29.921	5.984	7.060E-10
509	38.745	7.749	1.533E-09	18.947	3.789	1.793E-10	23.477	4.695	3.411E-10	38.430	7.686	1.496E-09	34.533	6.907	1.085E-09	6.106	1.221	6.001E-12	25.436	5.087	4.337E-10
510	72.619	14.524	1.009E-08	106.351	21.270	3.170E-08	26.989	5.398	5.181E-10	31.854	6.371	8.519E-10	-8.433	0.000	0.000E+00	86.542	17.308	1.708E-08	67.184	13.437	7.993E-09
511	30.064	6.013	7.162E-10	32.928	6.586	9.410E-10	33.783	6.757	1.016E-09	36.201	7.240	1.250E-09	17.778	3.556	1.481E-10	25.549	5.110	4.396E-10	174.548	34.910	1.402E-07
512	23.510	4.702	3.425E-10	31.011	6.202	7.860E-10	110.638	22.128	3.570E-08	31.483	6.297	8.224E-10	108.301	21.660	3.348E-08	5.246	1.049	3.804E-12	29.758	5.952	6.945E-10
513	30.179	6.036	7.245E-10	5.464	1.093	4.300E-12	9.134	1.827	2.009E-11	36.879	7.376	1.322E-09	9.645	1.929	2.365E-11	33.243	6.649	9.683E-10	33.923	6.785	1.029E-09
514	31.384	6.277	8.147E-10	111.496	22.299	3.653E-08	31.307	6.261	8.088E-10	12.611	2.522	5.286E-11	31.154	6.231	7.969E-10	34.059	6.812	1.041E-09	31.833	6.367	8.502E-10
515	14.700	2.940	8.372E-11	35.315	7.063	1.161E-09	28.410	5.682	6.044E-10	8.777	1.755	1.782E-11	24.810	4.962	4.025E-10	16.369	3.274	1.156E-10	4.641	0.928	2.634E-12
516	-5.243	0.000	0.000E+00	12.491	2.498	5.137E-11	35.389	7.078	1.168E-09	24.110	4.822	3.694E-10	35.939	7.188	1.223E-09	18.460	3.692	1.658E-10	22.511	4.502	3.007E-10
517	33.263	6.653	9.700E-10	33.162	6.632	9.612E-10	61.601	12.320	6.161E-09	28.434	5.687	6.059E-10	28.662	5.732	6.206E-10	54.582	10.916	4.286E-09	58.249	11.650	5.209E-09
518	29.193	5.839	6.557E-10	5.823	1.165	5.205E-12	30.271	6.054	7.311E-10	37.064	7.413	1.342E-09	30.601	6.120	7.552E-10	33.779	6.756	1.016E-09	26.627	5.325	4.976E-10
519	63.782	12.756	6.839E-09	34.949	6.990	1.125E-09	24.080	4.816	3.680E-10	26.067	5.213	4.668E-10	8.210	1.642	1.459E-11	38.476	7.695	1.501E-09	19.542	3.908	1.967E-10
520	29.641	5.928	6.864E-10	32.350	6.470	8.923E-10	10.657	2.131	3.190E-11	26.301	5.260	4.795E-10	99.679	19.936	2.610E-08	102.152	20.430	2.810E-08	38.123	7.625	1.460E-09
521	-36.714	0.000	0.000E+00	12.345	2.469	4.958E-11	34.912	6.982	1.122E-09	54.983	10.997	4.381E-09	108.670	21.734	3.382E-08	38.721	7.744	1.530E-09	56.442	11.288	4.739E-09
522	30.356	6.071	7.737E-10	5.044	1.009	3.382E-12	61.352	12.270	6.087E-09	56.073	11.215	4.647E-09	41.995	8.399	1.952E-09	31.251	6.250	8.044E-10	30.085	6.017	7.177E-10
523	70.144	14.029	9.096E-09	29.368	5.874	6.676E-10	29.326	5.865	6.647E-10	107.931	21.586	3.314E-08	9.188	1.838	2.045E-11	-2.131	0.000	0.000E+00	39.620	7.924	1.639E-09
524	28.260	5.652	5.948E-10	25.493	5.099	4.367E-10	23.553	4.711	3.444E-10	-25.587	0.000	0.000E+00	38.142	7.628	1.463E-09	30.475	6.095	7.460E-10	-23.968	0.000	0.000E+00
525	33.074	6.615	9.535E-10	98.978	19.796	2.556E-08	38.406	7.681	1.493E-09	6.787	1.357	8.239E-12	26.285	5.257	4.787E-10	32.668	6.534	9.189E-10	29.444	5.889	6.728E-10
526	32.232	6.446	8.826E-10	24.869	4.974	4.054E-10	6.527	1.305	7.328E-12	107.205	21.441	3.247E-08	4.194	0.839	1.945E-12	22.056	4.411	2.828E-10	21.700	4.340	2.693E-10
527	23.282	4.656	3.326E-10	32.815	6.563	9.313E-10	27.340	5.468	5.386E-10	23.977	4.795	3.633E-10	56.097	11.219	4.653E-09	27.746	5.549	5.630E-10	28.730	5.746	6.250E-10
528	106.787	21.357	3.210E-08	7.283	1.457	1.018E-11	22.480	4.496	2.994E-10	28.501	5.700	6.102E-10	29.945	5.989	7.077E-10	31.480	6.296	8.223E-10	31.898	6.380	8.554E-10
529	46.205	9.241	2.600E-09	9.337	1.867	2.146E-11	27.338	5.468	5.385E-10	62.404	12.481	6.405E-09	106.764	21.353	3.208E-08	-14.846	0.000	0.000E+00	28.174	5.635	5.894E-10
530	32.738	6.548	9.248E-10	-18.162	0.000	0.000E+00	39.301	7.860	1.600E-09	30.448	6.090	7.440E-10	24.217	4.843	3.743E-10	28.947	5.789	6.393E-10	5.974	1.195	

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
531	27.578	5.516	5.528E-10	29.497	5.899	6.764E-10	4.437	0.887	2.302E-12	25.882	5.176	4.570E-10	112.401	22.480	3.743E-08	39.734	7.947	1.653E-09	24.568	4.914	3.908E-10
532	33.695	6.739	1.008E-09	14.306	2.861	7.718E-11	17.271	3.454	1.358E-10	33.686	6.737	1.008E-09	36.642	7.328	1.297E-09	8.649	1.730	1.705E-11	44.532	8.906	2.328E-09
533	23.729	4.746	3.522E-10	38.228	7.646	1.472E-09	29.004	5.801	6.431E-10	28.762	5.752	6.271E-10	27.605	5.521	5.544E-10	108.197	21.639	3.338E-08	27.397	5.479	5.420E-10
534	31.906	6.381	8.561E-10	61.833	12.367	6.231E-09	106.788	21.358	3.210E-08	-5.541	0.000	0.000E+00	27.928	5.586	5.741E-10	5.019	1.004	3.332E-12	-18.433	0.000	0.000E+00
535	30.454	6.091	7.444E-10	107.064	21.413	3.235E-08	30.203	6.041	7.262E-10	37.369	7.474	1.375E-09	-5.825	0.000	0.000E+00	37.017	7.403	1.337E-09	31.074	6.215	7.908E-10
536	20.812	4.162	2.376E-10	-34.649	0.000	0.000E+00	101.648	20.330	2.768E-08	41.331	8.266	1.861E-09	60.347	12.069	5.792E-09	13.813	2.763	6.946E-11	16.795	3.359	1.249E-10
537	105.216	21.043	3.070E-08	18.575	3.715	1.689E-10	39.404	7.881	1.613E-09	9.929	1.986	2.580E-11	3.314	0.663	9.589E-13	38.697	7.739	1.527E-09	20.570	4.114	2.294E-10
538	30.727	6.145	7.647E-10	26.568	5.314	4.943E-10	32.143	6.429	8.753E-10	29.179	5.836	6.548E-10	60.155	12.031	5.737E-09	7.395	1.479	1.066E-11	31.217	6.243	8.018E-10
539	8.079	1.616	1.390E-11	33.906	6.781	1.027E-09	28.830	5.766	6.316E-10	28.106	5.621	5.852E-10	35.025	7.005	1.132E-09	35.520	7.104	1.181E-09	33.437	6.687	9.853E-10
540	31.388	6.278	8.150E-10	88.469	17.694	1.825E-08	-4.895	0.000	0.000E+00	27.016	5.403	5.197E-10	29.663	5.933	6.879E-10	33.041	6.608	9.507E-10	65.633	13.127	7.452E-09
541	36.504	7.301	1.282E-09	33.913	6.783	1.028E-09	58.782	11.756	5.353E-09	25.447	5.089	4.343E-10	192.861	38.572	1.891E-07	14.562	2.912	8.139E-11	28.031	5.606	5.805E-10
542	32.590	6.518	9.123E-10	60.751	12.150	5.909E-09	-4.553	0.000	0.000E+00	33.075	6.615	9.536E-10	33.784	6.757	1.016E-09	27.333	5.467	5.382E-10	116.429	23.286	4.160E-08
543	78.645	15.729	1.282E-08	26.346	5.269	4.820E-10	45.163	9.033	2.428E-09	28.294	5.659	5.970E-10	63.042	12.608	6.604E-09	29.851	5.970	7.011E-10	17.945	3.589	1.523E-10
544	34.767	6.953	1.108E-09	37.972	7.594	1.443E-09	16.580	3.316	1.201E-10	-33.855	0.000	0.000E+00	70.626	14.125	9.285E-09	112.062	22.412	3.709E-08	27.479	5.496	5.469E-10
545	28.856	5.771	6.333E-10	5.656	1.131	4.770E-12	6.208	1.242	6.306E-12	32.389	6.478	8.955E-10	112.796	22.559	3.782E-08	11.954	2.391	4.502E-11	13.868	2.774	7.030E-11
546	7.333	1.467	1.039E-11	34.987	6.997	1.129E-09	25.060	5.012	4.148E-10	15.312	3.062	9.462E-11	-4.087	0.000	0.000E+00	24.087	4.817	3.684E-10	5.361	1.072	4.060E-12
547	65.217	13.043	7.311E-09	7.884	1.577	1.292E-11	5.931	1.186	5.499E-12	26.120	5.224	4.697E-10	25.872	5.174	4.564E-10	24.545	4.909	3.897E-10	26.394	5.279	4.846E-10
548	44.281	8.856	2.288E-09	30.041	6.008	7.146E-10	33.968	6.794	1.033E-09	187.054	37.411	1.725E-07	7.403	1.481	1.069E-11	29.720	5.944	6.919E-10	29.170	5.834	6.542E-10
549	-5.721	0.000	0.000E+00	99.137	19.827	2.568E-08	180.844	36.169	1.559E-07	-2.947	0.000	0.000E+00	60.536	12.107	5.847E-09	36.582	7.316	1.290E-09	29.938	5.988	7.072E-10
550	56.542	11.308	4.764E-09	23.836	4.767	3.569E-10	48.658	9.732	3.036E-09	66.864	13.373	7.879E-09	21.422	4.284	2.591E-10	29.953	5.991	7.083E-10	96.064	19.213	2.337E-08
551	-10.201	0.000	0.000E+00	-7.271	0.000	0.000E+00	61.881	12.376	6.245E-09	27.600	5.520	5.541E-10	33.080	6.616	9.541E-10	33.937	6.787	1.030E-09	17.891	3.578	1.509E-10
552	31.907	6.381	8.562E-10	30.513	6.103	7.488E-10	23.536	4.707	3.436E-10	104.619	20.924	3.018E-08	22.850	4.570	3.144E-10	185.043	37.009	1.670E-07	33.845	6.769	1.022E-09
553	33.203	6.641	9.648E-10	31.991	6.398	8.629E-10	10.897	2.179	3.411E-11	19.135	3.827	1.846E-10	22.300	4.460	2.923E-10	23.237	4.647	3.307E-10	30.734	6.147	7.652E-10
554	67.741	13.548	8.193E-09	33.397	6.679	9.818E-10	57.305	11.461	4.960E-09	-28.507	0.000	0.000E+00	36.291	7.258	1.260E-09	30.971	6.194	7.830E-10	35.987	7.197	1.228E-09
555	31.203	6.241	8.007E-10	26.951	5.390	5.159E-10	25.643	5.129	4.444E-10	37.725	7.545	1.415E-09	27.415	5.483	5.431E-10	106.890	21.378	3.219E-08	27.603	5.521	5.543E-10
556	28.210	5.642	5.917E-10	34.320	6.864	1.065E-09	35.662	7.132	1.195E-09	30.846	6.169	7.735E-10	26.488	5.298	4.898E-10	16.018	3.204	1.083E-10	33.888	6.778	1.026E-09
557	34.813	6.963	1.112E-09	20.960	4.192	2.427E-10	11.394	2.279	3.899E-11	12.521	2.504	5.174E-11	28.250	5.650	5.942E-10	10.632	2.126	3.168E-11	33.295	6.659	9.728E-10
558	29.843	5.969	7.005E-10	34.768	6.954	1.108E-09	31.710	6.342	8.404E-10	35.350	7.070	1.164E-09	75.947	15.189	1.155E-08	17.670	3.534	1.454E-10	-32.784	0.000	0.000E+00
559	27.839	5.568	5.687E-10	31.083	6.217	7.915E-10	21.427	4.285	2.593E-10	12.851	2.570	5.594E-11	26.646	5.329	4.986E-10	35.824	7.165	1.212E-09	32.278	6.456	8.864E-10
560	8.468	1.694	1.600E-11	21.256	4.251	2.531E-10	107.952	21.590	3.316E-08	32.708	6.542	9.222E-10	29.845	5.969	7.007E-10	28.850	5.770	6.329E-10	29.984	5.997	7.105E-10
561	104.100	20.820	2.973E-08	-29.687	0.000	0.000E+00	31.049	6.210	7.889E-10	85.182	17.036	1.629E-08	30.105	6.021	7.191E-10	47.642	9.528	2.850E-09	30.257	6.051	7.301E-10
562	27.551	5.510	5.512E-10	17.093	3.419	1.316E-10	16.592	3.318	1.204E-10	23.581	4.716	3.456E-10	43.684	8.737	2.197E-09	27.143	5.429	5.271E-10	-16.979	0.000	0.000E+00
563	68.160	13.632	8.346E-09	64.326	12.865	7.015E-09	54.353	10.871	4.232E-09	26.944	5.389	5.155E-10	20.444	4.089	2.252E-10	32.783	6.557	9.286E-10	28.812	5.762	6.304E-10
564	25.409	5.082	4.323E-10	39.500	7.900	1.624E-09	-5.006	0.000	0.000E+00	35.388	7.078	1.168E-09	31.374	6.275	8.139E-10	32.695	6.539	9.211E-10	31.506	6.301	8.243E-10
565	8.939	1.788	1.882E-11	33.493	6.699	9.903E-10	22.346	4.469	2.941E-10	35.550	7.110	1.184E-09	102.006	20.401	2.798E-08	32.818	6.564	9.316E-10	33.196	6.639	9.642E-10
566	33.408	6.682	9.827E-10	18.281	3.656	1.610E-10	72.200	14.440	9.920E-09	86.107	17.221	1.683E-08	32.888	6.578	9.376E-10	20.367	4.073	2.227E-10	31.933	6.387	8.582E-10
567	35.736	7.147	1.203E-09	-27.898	0.000	0.000E+00	24.054	4.811	3.668E-10	11.906	2.381	4.449E-11	28.398	5.680	6.036E-10	37.069	7.414	1.342E-09	20.558	4.112	2.290E-10
568	26.357	5.271	4.826E-10	25.437	5.087	4.338E-10	37.397	7.479	1.378E-09	-21.843	0.000	0.000E+00	8.780	1.756	1.784E-11	27.947	5.589	5.753E-10	53.631	10.726	4.066E-09
569	29.964	5.993	7.091E-10	35.921	7.184	1.222E-09	37.065	7.413	1.342E-09	-8.490	0.000	0.000E+00	-10.888	0.000	0.000E+00	29.765	5.953	6.950E-10	21.832	4.366	2.743E-10
570	38.044	7.609	1.451E-09	27.182	5.436	5.293E-10	29.747	5.949	6.937E-10	33.273	6.655	9.709E-10	31.430	6.286	8.183E-10	33.408	6.682	9.827E-10	5.593	1.119	4.612E-12
571	30.617	6.123	7.564E-10	-23.244	0.000	0.000E+00	33.320	6.664	9.750E-10	-8.091	0.000	0.000E+00	60.451	12.090	5.822E-09	5.564	1.113	4.539E-12	27.832	5.566	5.682E-10
572	29.445	5.889	6.729E-10	26.651	5.330	4.989E-10	40.768	8.154	1.786E-09	23.830	4.766	3.567E-10	23.433	4.687	3.391E-10	34.606	6.921	1.092E-09	20.753	4.151	2.356E-10
573	-9.655	0.000	0.000E+00	32.508	6.502	9.054E-10	36.039	7.208	1.234E-09	60.452	12.090	5.823E-09	162.543	32.509	1.132E-07	-19.841	0.000	0.000E+00	8.841	1.768	1.821E-11
574	-7.712	0.000	0.000E+00	35.847	7.169	1.214E-09	14.504	2.901	8.042E-11	21.002	4.200	2.442E-10	110.854	22.171	3.590E-08	12.764	2.553	5.481E-11	10.468	2.094	3.023E-11
575	37.476	7.495	1.387E-09	20.759	4.152	2.358E-10	31.547	6.309	8.275E-10	-18.848	3.770	1.765E-10	-56.325	0.000	0.000E+00	27.704	5.541	5.604E-10	31.819	6.364	8.491E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
576	31.018	6.204	7.866E-10	30.820	6.164	7.716E-10	8.845	1.769	1.824E-11	104.325	20.865	2.993E-08	21.156	4.231	2.496E-10	38.361	7.672	1.488E-09	30.121	6.024	7.203E-10
577	27.991	5.598	5.780E-10	60.353	12.071	5.794E-09	36.376	7.275	1.269E-09	51.853	10.371	3.675E-09	32.545	6.509	9.085E-10	78.434	15.687	1.272E-08	30.188	6.038	7.251E-10
578	18.751	3.750	1.738E-10	32.478	6.496	9.029E-10	32.365	6.473	8.935E-10	32.920	6.584	9.403E-10	-19.571	0.000	0.000E+00	-58.455	0.000	0.000E+00	60.643	12.129	5.878E-09
579	65.080	13.016	7.265E-09	86.136	17.227	1.684E-08	106.163	21.233	3.154E-08	37.970	7.594	1.443E-09	19.029	3.806	1.816E-10	37.458	7.492	1.385E-09	67.916	13.583	8.257E-09
580	29.491	5.898	6.760E-10	59.453	11.891	5.539E-09	31.607	6.321	8.322E-10	64.669	12.934	7.128E-09	30.573	6.115	7.532E-10	18.084	3.617	1.559E-10	26.042	5.208	4.655E-10
581	-13.946	0.000	0.000E+00	31.611	6.322	8.326E-10	38.540	7.708	1.509E-09	28.578	5.716	6.152E-10	5.681	1.136	4.833E-12	9.829	1.966	2.503E-11	26.793	5.359	5.070E-10
582	33.982	6.796	1.034E-09	35.862	7.172	1.216E-09	28.344	5.669	6.001E-10	-2.688	0.000	0.000E+00	31.992	6.398	8.630E-10	36.241	7.248	1.255E-09	30.710	6.142	7.634E-10
583	33.402	6.680	9.822E-10	29.254	5.851	6.598E-10	-8.513	0.000	0.000E+00	10.822	2.164	3.340E-11	35.522	7.104	1.181E-09	26.237	5.247	4.761E-10	39.746	7.949	1.655E-09
584	31.902	6.380	8.558E-10	33.151	6.630	9.603E-10	21.835	4.367	2.744E-10	59.834	11.967	5.646E-09	23.430	4.686	3.390E-10	28.414	5.683	6.046E-10	23.812	4.762	3.559E-10
585	2.996	0.599	7.087E-13	26.704	5.341	5.019E-10	29.376	5.875	6.681E-10	14.058	2.812	7.322E-11	8.579	1.716	1.664E-11	32.071	6.414	8.694E-10	72.745	14.549	1.015E-08
586	37.766	7.553	1.420E-09	56.569	11.314	4.771E-09	27.763	5.553	5.640E-10	19.859	3.972	2.064E-10	33.404	6.681	9.824E-10	31.022	6.204	7.869E-10	47.752	9.550	2.870E-09
587	-17.768	0.000	0.000E+00	-43.255	0.000	0.000E+00	15.927	3.185	1.065E-10	7.433	1.487	1.082E-11	26.259	5.252	4.772E-10	25.076	5.015	4.156E-10	9.354	1.871	2.157E-11
588	38.749	7.750	1.533E-09	58.501	11.700	5.277E-09	-6.442	0.000	0.000E+00	32.726	6.545	9.238E-10	26.261	5.252	4.773E-10	35.294	7.059	1.159E-09	2.708	0.542	5.231E-13
589	51.714	10.343	3.645E-09	31.602	6.320	8.318E-10	29.687	5.937	6.896E-10	55.608	11.122	4.532E-09	17.740	3.548	1.472E-10	33.915	6.783	1.028E-09	34.412	6.882	1.074E-09
590	28.860	5.772	6.336E-10	28.285	5.657	5.964E-10	37.872	7.574	1.432E-09	18.043	3.609	1.548E-10	24.204	4.841	3.737E-10	55.662	11.132	4.545E-09	57.015	11.403	4.885E-09
591	13.720	2.744	6.806E-11	29.965	5.993	7.092E-10	33.614	6.723	1.001E-09	7.505	1.501	1.114E-11	-28.535	0.000	0.000E+00	63.938	12.788	6.889E-09	15.085	3.017	9.047E-11
592	21.165	4.233	2.499E-10	24.118	4.824	3.698E-10	30.425	6.085	7.423E-10	20.294	4.059	2.203E-10	33.191	6.638	9.637E-10	27.352	5.470	5.393E-10	-31.371	0.000	0.000E+00
593	32.268	6.454	8.855E-10	33.045	6.609	9.511E-10	29.318	5.864	6.642E-10	32.619	6.524	9.147E-10	30.929	6.186	7.798E-10	27.357	5.471	5.396E-10	30.830	6.166	7.724E-10
594	9.855	1.971	2.523E-11	113.070	22.614	3.810E-08	-5.770	0.000	0.000E+00	7.456	1.491	1.093E-11	11.238	2.248	3.740E-11	33.332	6.666	9.761E-10	32.463	6.493	9.017E-10
595	-25.316	0.000	0.000E+00	-114.736	0.000	0.000E+00	36.848	7.370	1.319E-09	92.895	18.579	2.113E-08	35.141	7.028	1.144E-09	62.600	12.520	6.466E-09	-19.922	0.000	0.000E+00
596	28.841	5.768	6.323E-10	11.449	2.290	3.956E-11	11.020	2.204	3.527E-11	37.953	7.591	1.441E-09	111.909	22.382	3.694E-08	44.121	8.824	2.264E-09	24.657	4.931	3.951E-10
597	64.197	12.839	6.973E-09	26.161	5.232	4.719E-10	28.659	5.732	6.204E-10	63.201	12.640	6.654E-09	31.564	6.313	8.288E-10	7.441	1.488	1.086E-11	26.465	5.293	4.886E-10
598	9.368	1.874	2.167E-11	31.332	6.266	8.107E-10	35.920	7.184	1.222E-09	26.172	5.234	4.725E-10	102.399	20.480	2.830E-08	35.918	7.184	1.221E-09	32.131	6.426	8.743E-10
599	29.833	5.967	6.998E-10	66.978	13.396	7.199E-09	25.896	5.179	4.577E-10	35.759	7.152	1.205E-09	15.946	3.189	1.069E-10	8.544	1.709	1.644E-11	8.392	1.678	1.558E-11
600	33.827	6.765	1.020E-09	29.590	5.918	6.828E-10	157.885	31.577	1.037E-07	74.040	14.808	1.070E-08	5.028	1.006	3.349E-12	22.979	4.596	3.198E-10	44.070	8.814	2.256E-09
601	29.839	5.968	7.002E-10	30.683	6.137	7.614E-10	26.264	5.253	4.775E-10	63.871	12.774	6.868E-09	28.771	5.754	6.277E-10	-29.294	0.000	0.000E+00	28.270	5.654	5.955E-10
602	31.430	6.286	8.183E-10	23.230	4.646	3.304E-10	13.657	2.731	6.713E-11	102.913	20.583	2.873E-08	107.515	21.503	3.276E-08	31.812	6.362	8.485E-10	65.635	13.127	7.452E-09
603	-8.324	0.000	0.000E+00	20.330	4.066	2.215E-10	28.473	5.695	6.084E-10	33.645	6.729	1.004E-09	40.850	8.170	1.797E-09	33.977	6.795	1.034E-09	110.953	22.191	3.600E-08
604	23.517	4.703	3.428E-10	6.368	1.274	6.806E-12	30.115	6.023	7.198E-10	31.347	6.269	8.119E-10	33.402	6.680	9.822E-10	-6.406	0.000	0.000E+00	27.747	5.549	5.631E-10
605	32.991	6.598	9.464E-10	35.248	7.050	1.154E-09	160.634	32.127	1.092E-07	35.014	7.003	1.131E-09	94.974	18.995	2.258E-08	24.343	4.869	3.802E-10	15.526	3.105	9.864E-11
606	37.498	7.500	1.390E-09	28.391	5.678	6.031E-10	26.070	5.214	4.670E-10	-22.136	0.000	0.000E+00	33.683	6.737	1.007E-09	30.186	6.037	7.250E-10	11.804	2.361	4.335E-11
607	32.750	6.550	9.258E-10	32.390	6.478	8.956E-10	4.804	0.961	2.922E-12	38.612	7.722	1.517E-09	32.104	6.421	8.721E-10	7.319	1.464	1.033E-11	17.673	3.535	1.455E-10
608	12.678	2.536	5.371E-11	28.757	5.751	6.268E-10	39.578	7.916	1.634E-09	24.460	4.892	3.857E-10	29.432	5.886	6.720E-10	28.402	5.680	6.039E-10	34.411	6.882	1.074E-09
609	30.871	6.174	7.755E-10	20.011	4.002	2.112E-10	20.121	4.024	2.147E-10	70.360	14.072	9.181E-09	30.839	6.168	7.730E-10	9.613	1.923	2.341E-11	61.731	12.346	6.200E-09
610	27.883	5.577	5.713E-10	32.530	6.506	9.773E-10	32.483	6.497	9.034E-10	43.690	8.738	2.198E-09	-8.898	0.000	0.000E+00	38.145	7.629	1.463E-09	24.987	4.997	4.112E-10
611	42.068	8.414	1.962E-09	-4.928	0.000	0.000E+00	29.103	5.821	6.497E-10	67.049	13.410	7.945E-09	96.625	19.325	2.378E-08	32.667	6.533	9.188E-10	29.794	5.959	6.971E-10
612	10.708	2.142	3.236E-11	36.179	7.236	1.248E-09	-7.390	0.000	0.000E+00	99.466	19.893	2.594E-08	9.385	1.877	2.179E-11	26.697	5.339	5.015E-10	32.241	6.448	8.833E-10
613	176.643	35.329	1.453E-07	32.055	6.411	8.681E-10	22.655	4.531	3.065E-10	60.991	12.198	5.980E-09	33.234	6.647	9.674E-10	-13.890	0.000	0.000E+00	34.688	6.938	1.100E-09
614	34.652	6.930	1.097E-09	57.637	11.527	5.047E-09	45.923	9.185	2.553E-09	20.414	4.083	2.242E-10	9.719	1.944	2.420E-11	35.943	7.189	1.224E-09	66.179	13.236	7.639E-09
615	62.143	12.429	6.325E-09	-24.768	0.000	0.000E+00	36.019	7.204	1.232E-09	6.477	1.295	7.162E-12	12.323	2.465	4.932E-11	8.547	1.709	1.646E-11	-39.689	0.000	0.000E+00
616	4.679	0.936	2.700E-12	44.605	8.921	2.339E-09	16.034	3.207	1.087E-10	-15.012	0.000	0.000E+00	12.094	2.419	4.663E-11	7.546	1.509	1.133E-11	42.740	8.548	2.058E-09
617	38.801	7.760	1.540E-09	30.431	6.086	7.427E-10	13.793	2.759	6.915E-11	34.666	6.933	1.098E-09	28.434	5.675	6.059E-10	28.872	5.774	6.343E-10	30.641	6.128	7.582E-10
618	36.086	7.217	1.239E-09	37.596	7.519	1.401E-09	61.754	12.351	6.207E-09	18.853	3.771	1.766E-10	102.617	20.523	2.848E-08	43.085	8.617	2.108E-09	31.729	6.346	8.419E-10
619	22.898	4.580	3.164E-10	7.361	1.472	1.051E-11	35.404	7.081	1.170E-09	39.399	7.880	1.612E-09	27.441	5.488	5.446E-10	8.666	1.733	1.715E-11	29.757	5.951	6.944E-10
620	22.877	4.575	3.156E-10	19.958	3.992	2.095E-10	32.277	6.455	8.863E-10	30.818	6.164	7.714E-10	42.222	8.444	1.984E-09	15.292	3.058	9.425E-11	31.260</		

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
621	9.089	1.818	1.979E-11	-3.113	0.000	0.000E+00	42.102	8.420	1.967E-09	24.140	4.828	3.707E-10	26.632	5.326	4.978E-10	62.393	12.479	6.402E-09	32.520	6.504	9.064E-10
622	28.276	5.655	5.959E-10	28.759	5.752	6.269E-10	38.592	7.718	1.515E-09	28.061	5.612	5.824E-10	20.530	4.106	2.280E-10	4.481	0.896	2.371E-12	34.657	6.931	1.097E-09
623	27.272	5.454	5.346E-10	10.186	2.037	2.786E-11	32.761	6.552	9.268E-10	37.599	7.520	1.401E-09	5.627	1.125	4.696E-12	43.972	8.794	2.241E-09	33.193	6.639	9.639E-10
624	60.180	12.036	5.745E-09	-6.188	0.000	0.000E+00	31.938	6.388	8.587E-10	88.339	17.668	1.817E-08	29.912	5.982	7.054E-10	-32.614	0.000	0.000E+00	36.242	7.248	1.255E-09
625	4.939	0.988	3.175E-12	40.265	8.053	1.721E-09	28.502	5.700	6.103E-10	59.086	11.817	5.437E-09	32.524	6.505	9.068E-10	7.490	1.498	1.108E-11	8.752	1.750	1.767E-11
626	17.698	3.540	1.461E-10	32.154	6.431	8.762E-10	29.884	5.977	7.034E-10	-23.018	0.000	0.000E+00	31.573	6.315	8.295E-10	36.529	7.306	1.285E-09	8.355	1.671	1.537E-11
627	6.685	1.337	7.873E-12	32.830	6.566	9.327E-10	25.324	5.065	4.281E-10	73.766	14.753	1.058E-08	62.480	12.496	6.429E-09	10.135	2.027	2.744E-11	7.830	1.566	1.265E-11
628	36.375	7.275	1.269E-09	-18.040	0.000	0.000E+00	56.127	11.225	4.660E-09	-10.978	0.000	0.000E+00	7.104	1.421	9.448E-12	11.092	2.218	3.597E-11	61.586	12.317	6.156E-09
629	30.066	6.013	7.164E-10	28.263	5.653	5.950E-10	35.694	7.139	1.199E-09	46.035	9.207	2.571E-09	33.523	6.705	9.929E-10	63.165	12.633	6.642E-09	33.262	6.652	9.700E-10
630	61.786	12.357	6.217E-09	-17.651	0.000	0.000E+00	33.155	6.631	9.606E-10	28.577	5.715	6.151E-10	27.847	5.569	5.691E-10	-5.847	0.000	0.000E+00	56.351	11.270	4.716E-09
631	32.844	6.569	9.338E-10	-25.132	0.000	0.000E+00	44.526	8.905	2.327E-09	-5.910	0.000	0.000E+00	-32.152	0.000	0.000E+00	13.333	2.667	6.248E-11	31.464	6.293	8.210E-10
632	30.511	6.102	7.487E-10	29.738	5.948	6.931E-10	22.864	4.573	3.150E-10	26.844	5.369	5.098E-10	32.211	6.442	8.809E-10	33.806	6.761	1.018E-09	31.347	6.269	8.118E-10
633	-15.401	0.000	0.000E+00	22.441	4.488	2.979E-10	5.382	1.076	4.110E-12	23.708	4.742	3.512E-10	14.116	2.823	7.414E-11	60.194	12.039	5.748E-09	62.929	12.586	6.568E-09
634	9.601	1.920	2.332E-11	27.786	5.557	5.654E-10	54.943	10.989	4.372E-09	28.768	5.754	6.275E-10	27.795	5.559	5.660E-10	29.481	5.896	6.753E-10	25.535	5.107	4.388E-10
635	24.745	4.949	3.993E-10	41.178	8.236	1.840E-09	61.950	12.390	6.266E-09	35.853	7.171	1.215E-09	12.331	2.466	4.942E-11	3.276	0.655	9.268E-13	22.583	4.517	3.036E-10
636	20.123	4.025	2.148E-10	25.721	5.144	4.485E-10	29.212	5.842	6.570E-10	7.787	1.557	1.245E-11	32.742	6.548	9.251E-10	24.115	4.823	3.696E-10	62.306	12.461	6.375E-09
637	17.103	3.421	1.319E-10	11.575	2.315	4.087E-11	35.277	7.055	1.157E-09	34.200	6.840	1.054E-09	-27.756	0.000	0.000E+00	9.987	1.997	2.625E-11	34.138	6.828	1.049E-09
638	-15.824	0.000	0.000E+00	27.690	5.538	5.596E-10	6.633	1.327	7.690E-12	-28.241	0.000	0.000E+00	8.748	1.750	1.764E-11	26.267	5.253	4.777E-10	7.266	1.453	1.011E-11
639	4.544	0.909	2.473E-12	33.627	6.725	1.002E-09	35.635	7.127	1.193E-09	39.824	7.965	1.665E-09	24.819	4.964	4.030E-10	29.517	5.903	6.778E-10	25.975	5.195	4.619E-10
640	21.712	4.342	2.698E-10	30.028	6.006	7.136E-10	31.576	6.315	8.298E-10	-5.332	0.000	0.000E+00	21.045	4.209	2.457E-10	-6.324	0.000	0.000E+00	31.334	6.267	8.108E-10
641	-3.662	0.000	0.000E+00	25.595	5.119	4.419E-10	32.724	6.545	9.237E-10	10.458	2.092	3.015E-11	34.625	6.925	1.094E-09	33.362	6.672	9.787E-10	29.537	5.907	6.792E-10
642	31.931	6.386	8.581E-10	55.889	11.178	4.601E-09	15.338	3.068	9.511E-11	9.360	1.872	2.162E-11	34.192	6.838	1.054E-09	9.816	1.963	2.493E-11	71.004	14.201	9.435E-09
643	15.216	3.043	9.285E-11	-5.216	0.000	0.000E+00	21.586	4.317	2.651E-10	32.624	6.525	9.152E-10	109.735	21.947	3.483E-08	8.253	1.651	1.482E-11	9.963	1.993	2.607E-11
644	9.546	1.909	2.293E-11	28.317	5.663	5.985E-10	20.613	4.123	2.308E-10	-26.430	0.000	0.000E+00	23.810	4.762	3.558E-10	28.238	5.648	5.934E-10	27.616	5.523	5.551E-10
645	63.105	12.621	6.624E-09	36.523	7.305	1.284E-09	24.139	4.828	3.707E-10	36.939	7.388	1.328E-09	26.821	5.364	5.085E-10	14.046	2.809	7.303E-11	23.357	4.671	3.358E-10
646	30.711	6.142	7.635E-10	20.761	4.152	2.359E-10	31.866	6.373	8.528E-10	-13.426	0.000	0.000E+00	36.380	7.276	1.269E-09	33.615	6.723	1.001E-09	13.651	2.730	6.704E-11
647	6.754	1.351	8.119E-12	4.170	0.834	1.911E-12	38.011	7.602	1.447E-09	35.928	7.186	1.222E-09	12.248	2.450	4.843E-11	28.610	5.722	6.172E-10	10.012	2.002	2.645E-11
648	18.581	3.716	1.691E-10	27.892	5.578	5.719E-10	16.923	3.385	1.277E-10	18.359	3.672	1.631E-10	109.475	21.895	3.458E-08	34.790	6.958	1.110E-09	28.821	5.764	6.310E-10
649	64.284	12.857	7.002E-09	34.137	6.827	1.048E-09	4.886	0.977	3.074E-12	26.554	5.311	4.935E-10	34.962	6.992	1.126E-09	30.356	6.071	7.372E-10	31.898	6.380	8.554E-10
650	35.749	7.150	1.204E-09	60.525	12.105	5.844E-09	25.712	5.142	4.480E-10	-8.256	0.000	0.000E+00	28.467	5.693	6.080E-10	21.779	4.356	2.723E-10	32.914	6.583	9.398E-10
651	30.143	6.029	7.219E-10	-8.360	0.000	0.000E+00	9.687	1.937	2.396E-11	23.901	4.780	3.599E-10	33.490	6.698	9.900E-10	33.026	6.605	9.494E-10	28.449	5.690	6.069E-10
652	30.252	6.050	7.297E-10	8.337	1.667	1.527E-11	24.093	4.819	3.686E-10	95.451	19.090	2.292E-08	21.540	4.308	2.634E-10	31.048	6.210	7.889E-10	28.530	5.706	6.121E-10
653	38.452	7.690	1.498E-09	33.202	6.640	9.647E-10	33.915	6.783	1.028E-09	25.307	5.061	4.272E-10	28.932	5.786	6.383E-10	30.439	6.088	7.433E-10	23.244	4.649	3.310E-10
654	33.584	6.717	9.983E-10	31.357	6.271	8.126E-10	-33.950	0.000	0.000E+00	-30.960	0.000	0.000E+00	-5.732	0.000	0.000E+00	23.813	4.763	3.559E-10	22.008	4.402	2.809E-10
655	66.661	13.332	7.808E-09	28.187	5.637	5.903E-10	6.451	1.290	7.074E-12	12.515	2.503	5.166E-11	30.400	6.080	7.405E-10	20.402	4.080	2.238E-10	33.236	6.647	9.677E-10
656	-15.863	0.000	0.000E+00	7.025	1.405	9.136E-12	7.074	1.415	9.329E-12	35.343	7.069	1.164E-09	37.804	7.561	1.424E-09	22.812	4.562	3.129E-10	16.856	3.371	1.262E-10
657	-2.735	0.000	0.000E+00	17.578	3.516	1.431E-10	28.643	5.729	6.194E-10	28.824	5.765	6.312E-10	20.815	4.163	2.377E-10	30.954	6.191	7.817E-10	17.348	3.470	1.376E-10
658	22.340	4.468	2.939E-10	67.924	13.585	8.260E-09	5.806	1.161	5.159E-12	33.240	6.648	9.680E-10	10.641	2.128	3.175E-11	26.877	5.375	5.117E-10	19.608	3.922	1.987E-10
659	30.676	6.135	7.609E-10	56.021	11.204	4.634E-09	30.512	6.102	7.487E-10	64.113	12.823	6.946E-09	68.060	13.612	8.309E-09	31.926	6.385	8.577E-10	31.761	6.352	8.445E-10
660	31.216	6.243	8.017E-10	34.098	6.820	1.045E-09	24.339	4.868	3.800E-10	24.997	4.999	4.117E-10	31.031	6.206	7.876E-10	17.672	3.534	1.455E-10	28.483	5.697	6.091E-10
661	28.138	5.628	5.872E-10	59.353	11.871	5.511E-09	-8.958	0.000	0.000E+00	24.540	4.908	3.895E-10	17.829	3.566	1.494E-10	13.115	2.623	5.946E-11	66.712	13.342	7.825E-09
662	12.801	2.560	5.529E-11	16.282	3.256	1.138E-10	65.623	13.125	7.448E-09	21.726	4.345	2.703E-10	31.993	6.399	8.631E-10	31.296	6.259	8.079E-10	30.340	6.068	7.361E-10
663	9.609	1.922	2.339E-11	26.206	5.241	4.743E-10	30.127	6.025	7.207E-10	30.872	6.174	7.755E-10	190.810	38.162	1.831E-07	31.991	6.398	8.629E-10	-7.150	0.000	0.000E+00
664	28.601	5.720	6.166E-10	29.821	5.964	6.989E-10	14.444	2.889	7.942E-11	5.059	1.012	3.413E-12	12.444	2.489	5.079E-11	25.935	5.187	4.598E-10	32.091	6.418	8.710E-10
665	32.344	6.469	8.918E-10	-4.232	0.000	0.000E+00	35.792	7.158	1.209E-09	22.403	4.481	2.964E-10	29.113	5.823	6.503E-10	25.745	5.149	4.498E-10	11.886	2.377	4.425E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
666	40.345	8.069	1.731E-09	12.968	2.594	5.748E-11	57.697	11.539	5.062E-09	98.816	19.763	2.543E-08	38.936	7.787	1.556E-09	28.183	5.637	5.900E-10	25.745	5.149	4.497E-10
667	28.790	5.758	6.290E-10	33.760	6.752	1.014E-09	25.875	5.175	4.566E-10	29.859	5.972	7.016E-10	29.394	5.879	6.694E-10	33.120	6.624	9.576E-10	12.620	2.524	5.298E-11
668	103.658	20.732	2.936E-08	22.922	4.584	3.174E-10	53.514	10.703	4.039E-09	7.279	1.456	1.016E-11	34.612	6.922	1.093E-09	27.610	5.522	5.548E-10	28.571	5.714	6.147E-10
669	28.699	5.740	6.230E-10	26.225	5.245	4.754E-10	22.280	4.456	2.915E-10	24.238	4.848	3.753E-10	31.510	6.302	8.246E-10	30.837	6.167	7.729E-10	76.939	15.388	1.200E-08
670	30.259	6.052	7.302E-10	33.815	6.763	1.019E-09	15.559	3.112	9.928E-11	32.038	6.408	8.668E-10	7.699	1.540	1.203E-11	32.339	6.468	8.914E-10	18.322	3.664	1.621E-10
671	32.246	6.449	8.838E-10	15.507	3.101	9.829E-11	20.548	4.110	2.287E-10	40.550	8.110	1.757E-09	34.503	6.901	1.083E-09	25.473	5.095	4.357E-10	11.721	2.344	4.244E-11
672	32.744	6.549	9.253E-10	30.522	6.104	7.494E-10	44.031	8.806	2.250E-09	31.018	6.204	7.866E-10	6.276	1.255	6.515E-12	30.337	6.067	7.359E-10	29.422	5.884	6.713E-10
673	34.340	6.868	1.067E-09	6.808	1.362	8.317E-12	34.306	6.861	1.064E-09	49.371	9.874	3.172E-09	103.737	20.747	2.942E-08	25.987	5.197	4.626E-10	49.531	9.906	3.203E-09
674	29.139	5.828	6.521E-10	61.077	12.215	6.005E-09	7.219	1.444	9.914E-12	30.467	6.093	7.454E-10	8.912	1.782	1.866E-11	35.686	7.137	1.198E-09	31.893	6.379	8.550E-10
675	-6.477	0.000	0.000E+00	21.976	4.395	2.797E-10	28.850	5.770	6.329E-10	-22.068	0.000	0.000E+00	8.837	1.767	1.819E-11	19.871	3.974	2.068E-10	12.565	2.513	5.228E-11
676	11.722	2.344	4.245E-11	41.219	8.244	1.846E-09	30.205	6.041	7.263E-10	30.709	6.142	7.633E-10	31.713	6.343	8.407E-10	24.441	4.888	3.848E-10	13.391	2.678	6.328E-11
677	16.926	3.385	1.278E-10	29.023	5.805	6.444E-10	27.307	5.461	5.367E-10	-51.116	0.000	0.000E+00	29.947	5.989	7.079E-10	29.452	5.890	6.733E-10	37.502	7.500	1.390E-09
678	32.943	6.589	9.423E-10	5.754	1.151	5.021E-12	16.045	3.209	1.089E-10	6.478	1.296	7.165E-12	7.634	1.527	1.173E-11	-5.461	0.000	0.000E+00	10.195	2.039	2.792E-11
679	30.555	6.111	7.518E-10	31.594	6.319	8.312E-10	50.194	10.039	3.333E-09	15.176	3.035	9.212E-11	29.902	5.980	7.047E-10	31.682	6.336	8.382E-10	22.785	4.557	3.118E-10
680	-4.521	0.000	0.000E+00	37.238	7.448	1.361E-09	22.237	4.447	2.898E-10	25.985	5.197	4.624E-10	15.235	3.047	9.321E-11	29.196	5.839	6.559E-10	63.985	12.797	6.904E-09
681	24.143	4.829	3.709E-10	20.576	4.115	2.296E-10	14.511	2.902	8.054E-11	-13.638	0.000	0.000E+00	33.987	6.797	1.035E-09	34.491	6.898	1.081E-09	34.434	6.887	1.076E-09
682	-19.906	0.000	0.000E+00	29.051	5.810	6.462E-10	25.967	5.193	4.615E-10	37.384	7.477	1.377E-09	12.638	2.528	5.320E-11	5.839	1.168	5.248E-12	26.548	5.310	4.931E-10
683	53.402	10.680	4.014E-09	43.482	8.696	2.167E-09	40.689	8.138	1.775E-09	64.830	12.966	7.182E-09	14.916	2.983	8.746E-11	23.169	4.634	3.278E-10	23.349	4.670	3.355E-10
684	28.291	5.658	5.968E-10	27.730	5.546	5.620E-10	32.879	6.576	9.368E-10	30.463	6.093	7.451E-10	37.282	7.456	1.366E-09	29.404	5.881	6.700E-10	184.902	36.980	1.666E-07
685	28.202	5.640	5.912E-10	31.441	6.288	8.192E-10	24.946	4.989	4.092E-10	33.595	6.719	9.993E-10	27.757	5.551	5.636E-10	29.441	5.888	6.726E-10	24.026	4.805	3.655E-10
686	26.942	5.388	5.155E-10	-6.949	0.000	0.000E+00	29.028	5.806	6.447E-10	33.032	6.606	9.499E-10	6.307	1.261	6.612E-12	8.946	1.789	1.887E-11	27.295	5.459	5.360E-10
687	30.691	6.138	7.620E-10	25.822	5.164	4.538E-10	-27.488	0.000	0.000E+00	7.221	1.444	9.926E-12	13.994	2.799	7.223E-11	24.157	4.831	3.715E-10	27.802	5.560	5.664E-10
688	33.471	6.694	9.883E-10	6.559	1.312	7.438E-12	27.652	5.530	5.573E-10	22.584	4.517	3.036E-10	30.378	6.076	7.389E-10	10.779	2.156	3.301E-11	31.702	6.340	8.398E-10
689	29.667	5.933	6.882E-10	-8.666	0.000	0.000E+00	13.799	2.760	6.926E-11	28.751	5.750	6.264E-10	30.316	6.063	7.344E-10	6.868	1.374	8.540E-12	27.761	5.552	5.639E-10
690	-9.781	0.000	0.000E+00	19.359	3.872	1.912E-10	32.189	6.438	8.790E-10	11.766	2.353	4.293E-11	7.272	1.454	1.014E-11	40.866	8.173	1.799E-09	30.360	6.072	7.375E-10
691	39.392	7.878	1.611E-09	34.026	6.805	1.038E-09	14.262	2.852	7.646E-11	71.447	14.289	9.613E-09	33.244	6.649	9.683E-10	28.265	5.653	5.951E-10	30.810	6.162	7.709E-10
692	21.851	4.370	2.750E-10	31.203	6.241	8.007E-10	76.136	15.227	1.163E-08	26.921	5.384	5.143E-10	36.770	7.354	1.310E-09	27.896	5.579	5.722E-10	28.246	5.649	5.940E-10
693	-4.435	0.000	0.000E+00	31.618	6.324	8.331E-10	25.697	5.139	4.472E-10	65.460	13.092	7.393E-09	31.513	6.303	8.248E-10	23.465	4.693	3.405E-10	-5.814	0.000	0.000E+00
694	29.533	5.907	6.789E-10	25.880	5.176	4.568E-10	22.867	4.573	3.152E-10	10.552	2.110	3.097E-11	7.884	1.577	1.292E-11	32.816	6.563	9.314E-10	8.157	1.631	1.431E-11
695	-27.443	0.000	0.000E+00	30.679	6.136	7.610E-10	11.834	2.367	4.368E-11	57.699	11.540	5.063E-09	33.536	6.707	9.941E-10	26.146	5.229	4.711E-10	9.248	1.850	2.085E-11
696	25.523	5.105	4.382E-10	21.504	4.301	2.621E-10	9.798	1.960	2.479E-11	106.333	21.267	3.169E-08	35.167	7.033	1.146E-09	12.033	2.407	4.593E-11	11.501	2.300	4.010E-11
697	23.265	4.653	3.319E-10	11.859	2.372	4.396E-11	29.565	5.913	6.811E-10	29.710	5.942	6.912E-10	32.086	6.417	8.706E-10	-8.761	0.000	0.000E+00	31.518	6.304	8.252E-10
698	28.070	5.614	5.829E-10	70.553	14.111	9.256E-09	32.236	6.447	8.829E-10	5.805	1.161	5.155E-12	36.056	7.211	1.235E-09	33.888	6.778	1.026E-09	7.348	1.470	1.046E-11
699	11.510	2.302	4.019E-11	28.970	5.794	6.408E-10	37.429	7.486	1.382E-09	30.091	6.018	7.181E-10	5.607	1.121	4.647E-12	9.120	1.824	1.999E-11	7.969	1.594	1.334E-11
700	27.999	5.600	5.785E-10	30.094	6.019	7.183E-10	29.512	5.902	6.774E-10	-29.806	0.000	0.000E+00	7.174	1.435	9.733E-12	25.009	5.002	4.123E-10	30.678	6.136	7.610E-10
701	33.332	6.666	9.760E-10	32.370	6.474	8.939E-10	24.986	4.997	4.111E-10	27.767	5.553	5.643E-10	12.403	2.481	5.029E-11	-9.052	0.000	0.000E+00	30.459	6.092	7.448E-10
702	31.114	6.223	7.939E-10	36.880	7.376	1.322E-09	33.213	6.643	9.657E-10	66.274	13.255	7.672E-09	27.705	5.541	5.605E-10	43.411	8.682	2.156E-09	33.487	6.697	9.898E-10
703	12.578	2.516	5.244E-11	33.571	6.714	9.972E-10	26.783	5.357	5.064E-10	7.367	1.473	1.054E-11	14.834	2.967	8.603E-11	-28.440	0.000	0.000E+00	30.964	6.193	7.825E-10
704	32.718	6.544	9.231E-10	30.103	6.021	7.190E-10	49.611	9.922	3.218E-09	25.700	5.140	4.474E-10	27.584	5.517	5.532E-10	-39.441	0.000	0.000E+00	31.098	6.220	7.926E-10
705	-20.723	0.000	0.000E+00	66.488	13.298	7.747E-09	32.479	6.496	9.030E-10	36.574	7.315	1.289E-09	29.903	5.981	7.047E-10	40.553	8.111	1.758E-09	32.266	6.453	8.854E-10
706	35.836	7.167	1.213E-09	32.162	6.432	8.769E-10	9.046	1.809	1.951E-11	36.074	7.215	1.237E-09	5.868	1.174	5.327E-12	-4.239	0.000	0.000E+00	30.519	6.104	7.492E-10
707	7.802	1.560	1.252E-11	-17.840	0.000	0.000E+00	30.203	6.041	7.262E-10	9.898	1.980	2.556E-11	39.432	7.886	1.616E-09	10.037	2.007	2.665E-11	-35.376	0.000	0.000E+00
708	4.213	0.843	1.971E-12	69.280	13.856	8.764E-09	-25.501	0.000	0.000E+00	74.361	14.872	1.084E-08	35.175	7.035	1.147E-09	22.595	4.519	3.040E-10	15.571	3.114	9.950E-11
709	22.476	4.495	2.993E-10	-39.653	0.000	0.000E+00	33.410	6.682	9.829E-10	20.632	4.126	2.315E-10	67.939	13.588	8.265E-09	32.732	6.546	9.243E-10	-22.788	0.000	0.000E+00
710	9.437	1.887	2.215E-11	34.389	6.878	1.072E-09	34.434	6.887	1.076E-09	40.870	8.174	1.799E-09	32.774	6.555	9.278E-10	29.774	5.955	6.956E-10	12.870	2.574	5.619E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
711	32.430	6.486	8.990E-10	11.630	2.326	4.145E-11	47.953	9.591	2.906E-09	22.932	4.586	3.178E-10	43.754	8.751	2.208E-09	8.179	1.636	1.442E-11	34.441	6.888	1.077E-09
712	-18.760	0.000	0.000E+00	27.202	5.440	5.305E-10	6.052	1.210	5.843E-12	112.917	22.583	3.795E-08	9.387	1.877	2.180E-11	16.899	3.380	1.272E-10	36.329	7.266	1.264E-09
713	37.792	7.558	1.423E-09	28.648	5.730	6.197E-10	8.652	1.730	1.707E-11	35.810	7.162	1.210E-09	106.925	21.385	3.222E-08	27.379	5.476	5.409E-10	77.044	15.409	1.205E-08
714	29.588	5.918	6.827E-10	14.593	2.919	8.191E-11	-11.346	0.000	0.000E+00	30.181	6.036	7.246E-10	32.785	6.557	9.287E-10	34.018	6.804	1.038E-09	23.674	4.735	3.497E-10
715	9.536	1.907	2.286E-11	25.353	5.071	4.295E-10	27.530	5.506	5.499E-10	9.047	1.809	1.952E-11	10.979	2.196	3.488E-11	27.097	5.419	5.244E-10	27.467	5.493	5.462E-10
716	29.085	5.817	6.485E-10	24.174	4.835	3.723E-10	30.369	6.074	7.382E-10	13.725	2.745	6.815E-11	64.403	12.881	7.041E-09	34.297	6.859	1.063E-09	-5.954	0.000	0.000E+00
717	26.227	5.245	4.755E-10	24.992	4.998	4.114E-10	-24.822	0.000	0.000E+00	-8.057	0.000	0.000E+00	7.208	1.442	9.870E-12	-5.013	0.000	0.000E+00	28.860	5.772	6.336E-10
718	37.350	7.470	1.373E-09	7.553	1.511	1.136E-11	32.611	6.522	9.141E-10	60.871	12.174	5.945E-09	-11.878	0.000	0.000E+00	6.826	1.365	8.381E-12	30.941	6.188	7.807E-10
719	28.176	5.635	5.896E-10	28.591	5.718	6.160E-10	30.996	6.199	7.849E-10	61.843	12.369	6.234E-09	38.951	7.790	1.558E-09	32.038	6.408	8.668E-10	22.274	4.455	2.913E-10
720	29.808	5.962	6.981E-10	31.189	6.238	7.996E-10	36.522	7.304	1.284E-09	17.601	3.520	1.437E-10	33.101	6.620	9.559E-10	33.539	6.708	9.943E-10	-6.868	0.000	0.000E+00
721	11.159	2.232	3.662E-11	9.094	1.819	1.982E-11	15.337	3.067	9.509E-11	35.119	7.024	1.142E-09	9.899	1.980	2.557E-11	36.811	7.362	1.315E-09	26.848	5.370	5.100E-10
722	29.875	5.975	7.028E-10	25.014	5.003	4.125E-10	24.461	4.892	3.857E-10	21.807	4.361	2.733E-10	28.081	5.616	5.836E-10	10.535	2.107	3.082E-11	37.710	7.542	1.413E-09
723	25.746	5.149	4.498E-10	23.368	4.674	3.363E-10	31.284	6.257	8.069E-10	-39.677	0.000	0.000E+00	14.232	2.846	7.598E-11	11.529	2.306	4.039E-11	29.217	5.843	6.574E-10
724	26.779	5.356	5.061E-10	23.096	4.619	3.247E-10	32.847	6.569	9.341E-10	29.955	5.991	7.084E-10	30.086	6.017	7.178E-10	11.483	2.297	3.990E-11	39.507	7.901	1.625E-09
725	13.387	2.677	6.324E-11	35.295	7.059	1.159E-09	15.296	3.059	9.432E-11	30.722	6.144	7.642E-10	99.449	19.890	2.592E-08	27.027	5.405	5.203E-10	-5.424	0.000	0.000E+00
726	25.609	5.122	4.426E-10	21.464	4.293	2.606E-10	75.820	15.164	1.149E-08	30.917	6.183	7.789E-10	7.190	1.438	9.796E-12	10.529	2.106	3.077E-11	5.141	1.028	3.580E-12
727	30.190	6.038	7.253E-10	32.779	6.556	9.282E-10	24.008	4.802	3.647E-10	21.175	4.235	2.503E-10	22.558	4.512	3.025E-10	41.460	8.292	1.878E-09	26.923	5.385	5.144E-10
728	22.115	4.423	2.851E-10	27.311	5.462	5.369E-10	35.161	7.032	1.146E-09	29.079	5.816	6.481E-10	22.003	4.401	2.808E-10	-7.910	0.000	0.000E+00	30.221	6.044	7.275E-10
729	24.492	4.898	3.872E-10	27.329	5.466	5.380E-10	27.678	5.536	5.588E-10	36.755	7.351	1.309E-09	10.600	2.120	3.140E-11	33.218	6.644	9.660E-10	43.184	8.637	2.123E-09
730	29.446	5.889	6.729E-10	30.866	6.173	7.751E-10	31.942	6.388	8.590E-10	29.407	5.881	6.702E-10	28.213	5.643	5.919E-10	-9.885	0.000	0.000E+00	34.317	6.863	1.065E-09
731	32.749	6.550	9.257E-10	34.298	6.860	1.063E-09	25.245	5.049	4.241E-10	9.731	1.946	2.428E-11	11.474	2.295	3.982E-11	33.455	6.691	9.869E-10	6.101	1.220	5.986E-12
732	21.562	4.312	2.642E-10	34.163	6.833	1.051E-09	30.166	6.033	7.235E-10	-37.075	0.000	0.000E+00	94.814	18.963	2.247E-08	34.405	6.881	1.073E-09	-7.699	0.000	0.000E+00
733	14.244	2.849	7.617E-11	-10.569	0.000	0.000E+00	30.321	6.064	7.347E-10	25.839	5.168	4.547E-10	28.889	5.778	6.355E-10	31.871	6.374	8.533E-10	38.524	7.705	1.507E-09
734	31.086	6.217	7.918E-10	29.226	5.845	6.579E-10	33.175	6.635	9.623E-10	4.400	0.880	2.246E-12	33.507	6.701	9.915E-10	32.638	6.528	9.164E-10	19.286	3.857	1.891E-10
735	11.844	2.369	4.379E-11	25.869	5.174	4.563E-10	9.454	1.891	2.227E-11	53.583	10.717	4.055E-09	96.273	19.255	2.352E-08	32.663	6.533	9.185E-10	29.790	5.958	6.968E-10
736	28.152	5.630	5.880E-10	16.722	3.344	1.232E-10	31.997	6.399	8.634E-10	63.962	12.792	6.897E-09	28.163	5.633	5.888E-10	13.802	2.760	6.930E-11	28.717	5.743	6.242E-10
737	5.561	1.112	4.533E-12	27.903	5.581	5.726E-10	29.619	5.924	6.849E-10	-56.215	0.000	0.000E+00	36.610	7.322	1.293E-09	29.448	5.890	6.730E-10	34.870	6.974	1.117E-09
738	16.385	3.277	1.159E-10	-38.313	0.000	0.000E+00	31.081	6.216	7.913E-10	110.675	22.135	3.573E-08	4.280	0.856	2.066E-12	33.216	6.643	9.659E-10	32.604	6.521	9.135E-10
739	36.147	7.229	1.245E-09	31.200	6.240	8.005E-10	34.592	6.918	1.091E-09	28.952	5.790	6.396E-10	28.371	5.674	6.019E-10	32.292	6.458	8.876E-10	34.401	6.880	1.073E-09
740	29.433	5.887	6.720E-10	26.260	5.252	4.773E-10	-4.626	0.000	0.000E+00	66.637	13.327	7.799E-09	100.709	20.142	2.692E-08	24.643	4.929	3.944E-10	35.950	7.190	1.225E-09
741	24.348	4.870	3.804E-10	31.502	6.300	8.240E-10	33.652	6.730	1.004E-09	41.849	8.370	1.932E-09	-6.326	0.000	0.000E+00	32.238	6.448	8.831E-10	30.241	6.048	7.289E-10
742	37.028	7.406	1.338E-09	10.489	2.098	3.041E-11	34.887	6.977	1.119E-09	63.162	12.632	6.641E-09	62.952	12.590	6.575E-09	22.581	4.516	3.035E-10	35.506	7.101	1.180E-09
743	31.630	6.326	8.340E-10	31.148	6.230	7.965E-10	6.545	1.309	7.391E-12	99.938	19.988	2.631E-08	13.187	2.637	6.044E-11	30.122	6.024	7.203E-10	33.792	6.758	1.017E-09
744	32.525	6.505	9.069E-10	-7.210	0.000	0.000E+00	3.758	0.752	1.399E-12	34.051	6.810	1.041E-09	9.879	1.976	2.541E-11	10.118	2.024	2.730E-11	22.783	4.557	3.117E-10
745	-12.387	0.000	0.000E+00	22.074	4.415	2.835E-10	-11.293	0.000	0.000E+00	36.639	7.328	1.296E-09	32.954	6.591	9.432E-10	27.354	5.471	5.395E-10	38.664	7.733	1.523E-09
746	43.008	8.602	2.097E-09	40.350	8.070	1.732E-09	30.624	6.125	7.570E-10	28.359	5.672	6.011E-10	7.418	1.484	1.076E-11	28.601	5.720	6.167E-10	-20.607	0.000	0.000E+00
747	27.794	5.559	5.659E-10	28.555	5.711	6.137E-10	34.574	6.915	1.089E-09	38.934	7.787	1.555E-09	99.291	19.858	2.580E-08	27.162	5.432	5.282E-10	28.834	5.767	6.318E-10
748	26.334	5.267	4.813E-10	31.731	6.346	8.421E-10	46.542	9.308	2.657E-09	100.967	20.193	2.713E-08	-44.652	0.000	0.000E+00	62.599	12.520	6.465E-09	36.427	7.285	1.274E-09
749	37.400	7.480	1.379E-09	30.156	6.031	7.228E-10	18.003	3.601	1.538E-10	24.887	4.977	4.063E-10	7.451	1.490	1.090E-11	28.766	5.753	6.274E-10	5.044	1.009	3.383E-12
750	33.765	6.753	1.015E-09	9.032	1.806	1.942E-11	35.872	7.174	1.217E-09	107.807	21.561	3.302E-08	-13.322	0.000	0.000E+00	19.260	3.852	1.883E-10	29.991	5.998	7.110E-10
751	31.701	6.340	8.397E-10	27.590	5.518	5.535E-10	31.047	6.209	7.888E-10	15.448	3.090	9.716E-11	80.852	16.170	1.393E-08	31.068	6.214	7.904E-10	25.694	5.139	4.471E-10
752	27.131	5.426	5.263E-10	34.859	6.972	1.116E-09	35.469	7.094	1.176E-09	22.414	4.483	2.968E-10	7.030	1.406	9.157E-12	7.543	1.509	1.131E-11	30.066	6.013	7.164E-10
753	38.205	7.641	1.470E-09	34.864	6.973	1.117E-09	30.713	6.143	7.636E-10	34.030	6.806	1.039E-09	36.460	7.292	1.277E-09	17.049	3.410	1.306E-10	7.110	1.422	9.473E-12
754	23.235	4.647	3.306E-10	32.958	6.592	9.436E-10	30.918	6.184	7.790E-10	31.849	6.370	8.515E-10	8.137	1.627	1.420E-11	29.658	5.932	6.876E-10	40.647	8.129	1.770E-09
755	29.699	5.940	6.904E-10	27.438	5.488	5.444E-10	30.253	6.051	7.298E-10	25.110	5.022	4.173E-10	13.367	2.673	6.295E-11	36.192	7.238	1.249E-09	35.542	7.108	1.183

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
756	14.163	2.833	7.488E-11	6.479	1.296	7.169E-12	28.636	5.727	6.189E-10	69.485	13.897	8.842E-09	28.932	5.786	6.383E-10	36.429	7.286	1.274E-09	7.569	1.514	1.143E-11
757	12.226	2.445	4.816E-11	7.439	1.488	1.085E-11	9.445	1.889	2.220E-11	27.611	5.522	5.548E-10	78.147	15.629	1.258E-08	14.461	2.892	7.970E-11	5.933	1.187	5.505E-12
758	-5.737	0.000	0.000E+00	20.844	4.169	2.387E-10	21.397	4.279	2.582E-10	66.477	13.295	7.743E-09	11.927	2.385	4.471E-11	34.090	6.818	1.044E-09	13.818	2.764	6.954E-11
759	8.773	1.755	1.780E-11	33.268	6.654	9.705E-10	2.479	0.496	4.016E-13	65.042	13.008	7.252E-09	-5.739	0.000	0.000E+00	12.152	2.430	4.730E-11	29.005	5.801	6.432E-10
760	33.421	6.684	9.839E-10	7.830	1.566	1.265E-11	39.879	7.976	1.672E-09	33.570	6.714	9.971E-10	25.429	5.086	4.334E-10	-23.405	0.000	0.000E+00	31.542	6.308	8.271E-10
761	37.471	7.494	1.387E-09	67.461	13.492	8.092E-09	37.172	7.434	1.354E-09	34.395	6.879	1.072E-09	31.533	6.307	8.264E-10	33.920	6.784	1.029E-09	-4.896	0.000	0.000E+00
762	9.791	1.958	2.474E-11	202.427	40.485	2.186E-07	28.365	5.673	6.015E-10	27.330	5.466	5.380E-10	27.969	5.594	5.766E-10	33.290	6.658	9.724E-10	30.141	6.028	7.217E-10
763	27.294	5.459	5.359E-10	70.665	14.133	9.300E-09	16.522	3.304	1.189E-10	13.764	2.753	6.873E-11	12.595	2.519	5.266E-11	9.842	1.968	2.513E-11	35.558	7.112	1.185E-09
764	32.439	6.488	8.997E-10	-40.568	0.000	0.000E+00	7.335	1.467	1.040E-11	38.257	7.651	1.476E-09	32.474	6.495	9.026E-10	6.836	1.367	8.418E-12	35.316	7.063	1.161E-09
765	26.328	5.266	4.810E-10	-27.431	0.000	0.000E+00	28.844	5.769	6.325E-10	-28.746	0.000	0.000E+00	37.339	7.468	1.372E-09	9.684	1.937	2.394E-11	30.001	6.000	7.117E-10
766	27.192	5.438	5.300E-10	-22.264	0.000	0.000E+00	32.856	6.571	9.349E-10	14.349	2.870	7.787E-11	36.830	7.366	1.317E-09	27.965	5.593	5.764E-10	19.966	3.993	2.098E-10
767	28.103	5.621	5.850E-10	13.162	2.632	6.009E-11	10.077	2.015	2.697E-11	28.972	5.794	6.410E-10	9.005	1.801	1.925E-11	13.161	2.632	6.009E-11	37.675	7.535	1.409E-09
768	36.941	7.388	1.329E-09	37.582	7.516	1.399E-09	32.348	6.470	8.922E-10	60.414	12.083	5.812E-09	40.096	8.019	1.699E-09	12.683	2.537	5.377E-11	34.450	6.890	1.078E-09
769	29.275	5.855	6.613E-10	31.187	6.237	7.995E-10	30.842	6.168	7.733E-10	30.115	6.023	7.198E-10	36.606	7.321	1.293E-09	29.727	5.945	6.924E-10	15.232	3.046	9.314E-11
770	35.063	7.013	1.136E-09	-25.299	0.000	0.000E+00	32.509	6.502	9.056E-10	61.097	12.219	6.011E-09	7.353	1.471	1.048E-11	31.877	6.375	8.537E-10	34.593	6.919	1.091E-09
771	39.593	7.919	1.636E-09	29.421	5.884	6.712E-10	22.399	4.480	2.962E-10	7.154	1.431	9.649E-12	31.756	6.351	8.441E-10	9.620	1.924	2.346E-11	23.527	4.705	3.432E-10
772	34.631	6.926	1.095E-09	30.657	6.131	7.594E-10	27.998	5.600	5.785E-10	37.584	7.517	1.399E-09	27.486	5.497	5.473E-10	12.384	2.477	5.006E-11	27.703	5.541	5.604E-10
773	12.632	2.526	5.313E-11	30.233	6.047	7.284E-10	29.167	5.833	6.540E-10	26.887	5.377	5.123E-10	61.381	12.276	6.095E-09	18.250	3.650	1.602E-10	8.932	1.786	1.878E-11
774	30.755	6.151	7.667E-10	28.662	5.732	6.206E-10	6.908	1.382	8.690E-12	23.944	4.789	3.618E-10	6.841	1.368	8.438E-12	7.104	1.421	9.450E-12	29.204	5.841	6.565E-10
775	30.752	6.150	7.665E-10	28.873	5.775	6.344E-10	20.083	4.017	2.135E-10	-24.819	0.000	0.000E+00	97.907	19.581	2.474E-08	32.849	6.570	9.343E-10	21.480	4.296	2.612E-10
776	8.895	1.779	1.855E-11	22.528	4.506	3.013E-10	35.568	7.114	1.186E-09	61.698	12.340	6.190E-09	12.371	2.474	4.990E-11	29.471	5.894	6.746E-10	26.110	5.222	4.692E-10
777	37.205	7.441	1.357E-09	6.799	1.360	8.285E-12	19.293	3.859	1.893E-10	14.361	2.872	7.806E-11	20.158	4.032	2.159E-10	-38.010	0.000	0.000E+00	34.419	6.884	1.075E-09
778	10.747	2.149	3.271E-11	29.078	5.816	6.480E-10	34.143	6.829	1.049E-09	65.650	13.130	7.458E-09	7.686	1.537	1.197E-11	16.646	3.329	1.216E-10	11.478	2.296	3.985E-11
779	24.972	4.994	4.104E-10	28.944	5.789	6.391E-10	-4.490	0.000	0.000E+00	35.118	7.024	1.141E-09	31.809	6.362	8.483E-10	17.695	3.539	1.460E-10	51.631	10.326	3.628E-09
780	31.687	6.337	8.385E-10	32.295	6.459	8.878E-10	32.053	6.411	8.680E-10	61.386	12.277	6.097E-09	13.763	2.753	6.871E-11	8.986	1.797	1.912E-11	32.443	6.489	9.000E-10
781	36.094	7.219	1.239E-09	11.222	2.244	3.725E-11	-38.395	0.000	0.000E+00	43.699	8.740	2.199E-09	7.759	1.552	1.231E-11	31.422	6.284	8.177E-10	5.303	1.061	3.931E-12
782	24.956	4.991	4.096E-10	29.606	5.921	6.839E-10	8.347	1.669	1.533E-11	33.777	6.755	1.016E-09	68.704	13.741	8.548E-09	-5.719	0.000	0.000E+00	5.891	1.178	5.389E-12
783	40.181	8.036	1.710E-09	26.757	5.351	5.049E-10	9.122	1.824	2.001E-11	30.715	6.143	7.637E-10	11.046	2.209	3.552E-11	4.861	0.972	3.027E-12	-7.124	0.000	0.000E+00
784	20.522	4.104	2.278E-10	34.951	6.990	1.125E-09	-10.951	0.000	0.000E+00	8.184	1.637	1.445E-11	106.148	21.230	3.152E-08	32.197	6.439	8.797E-10	26.795	5.359	5.071E-10
785	7.136	1.427	9.577E-12	16.152	3.230	1.111E-10	21.837	4.367	2.745E-10	13.872	2.774	7.035E-11	16.246	3.249	1.130E-10	26.303	5.261	4.796E-10	29.754	5.951	6.942E-10
786	14.437	2.887	7.931E-11	17.853	3.571	1.500E-10	9.107	1.821	1.991E-11	19.388	3.878	1.921E-10	45.406	9.081	2.467E-09	-5.267	0.000	0.000E+00	8.936	1.787	1.881E-11
787	21.204	4.241	2.513E-10	-23.356	0.000	0.000E+00	32.998	6.600	9.470E-10	114.404	22.881	3.947E-08	18.391	3.678	1.640E-10	35.015	7.003	1.131E-09	32.552	6.510	9.091E-10
788	30.918	6.184	7.790E-10	31.170	6.234	7.982E-10	7.886	1.577	1.293E-11	32.009	6.402	8.644E-10	37.197	7.439	1.356E-09	33.932	6.786	1.030E-09	18.213	3.643	1.592E-10
789	37.593	7.519	1.400E-09	36.556	7.311	1.288E-09	12.081	2.416	4.648E-11	-8.831	0.000	0.000E+00	56.219	11.244	4.683E-09	41.163	8.233	1.838E-09	32.610	6.522	9.140E-10
790	14.944	2.989	8.797E-11	40.064	8.013	1.695E-09	10.464	2.093	3.020E-11	25.198	5.040	4.217E-10	30.007	6.001	7.121E-10	44.499	8.900	2.322E-09	15.390	3.078	9.607E-11
791	25.099	5.020	4.167E-10	37.236	7.447	1.361E-09	33.082	6.616	9.543E-10	83.612	16.722	1.541E-08	38.959	7.792	1.559E-09	33.979	6.796	1.034E-09	29.845	5.969	7.006E-10
792	33.773	6.755	1.015E-09	35.039	7.008	1.134E-09	21.762	4.352	2.716E-10	39.215	7.843	1.589E-09	8.833	1.767	1.816E-11	27.024	5.405	5.202E-10	43.708	8.742	2.201E-09
793	27.189	5.438	5.297E-10	23.322	4.664	3.344E-10	6.984	1.397	8.977E-12	29.062	5.812	6.470E-10	33.479	6.696	9.891E-10	19.437	3.887	1.935E-10	21.353	4.271	2.566E-10
794	29.222	5.844	6.577E-10	12.812	2.562	5.543E-11	22.069	4.414	2.833E-10	29.139	5.828	6.521E-10	60.476	12.095	5.830E-09	39.195	7.839	1.587E-09	35.554	7.111	1.185E-09
795	72.995	14.599	1.025E-08	36.427	7.285	1.274E-09	-15.808	0.000	0.000E+00	67.029	13.406	7.937E-09	36.292	7.258	1.260E-09	5.097	1.019	3.491E-12	25.137	5.027	4.186E-10
796	8.415	1.683	1.571E-11	8.747	1.749	1.764E-11	19.288	3.858	1.891E-10	40.346	8.069	1.731E-09	39.937	7.987	1.679E-09	24.371	4.874	3.815E-10	47.315	9.463	2.792E-09
797	2.578	0.516	4.514E-13	36.880	7.376	1.322E-09	12.990	2.598	5.777E-11	27.041	5.408	5.211E-10	27.642	5.528	5.567E-10	37.004	7.401	1.335E-09	26.763	5.353	5.052E-10
798	11.997	2.399	4.551E-11	9.646	1.929	2.365E-11	11.146	2.229	3.650E-11	25.281	5.056	4.259E-10	44.562	8.912	2.332E-09	5.735	1.147	4.971E-12	48.029	9.606	2.920E-09
799	9.670	1.934	2.384E-11	30.404	6.081	7.407E-10	11.084	2.217	3.589E-11	32.938	6.588	9.419E-10	100.453	20.091	2.672E-08	28.413	5.683	6.046E-10	2.558	0.512	4.412E-13
800	29.606	5.921	6.840E-10	20.666	4.133	2.326E-10	20.450	4.090	2.254E-10	12.310	2.462	4.917E-11	67.340	13.468	8.049E-09	40.413	8.083	1.740E-09	31.122	6.224	7.945E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
801	26.969	5.394	5.170E-10	31.853	6.371	8.518E-10	-7.316	0.000	0.000E+00	184.686	36.937	1.660E-07	102.496	20.499	2.838E-08	82.533	16.507	1.482E-08	35.949	7.190	1.224E-09
802	29.761	5.952	6.948E-10	20.744	4.149	2.353E-10	25.315	5.063	4.276E-10	58.440	11.688	5.261E-09	106.321	21.264	3.168E-08	16.981	3.396	1.291E-10	17.667	3.533	1.453E-10
803	28.079	5.616	5.835E-10	13.624	2.725	6.664E-11	15.403	3.081	9.632E-11	91.474	18.295	2.017E-08	26.594	5.319	4.957E-10	-19.993	0.000	0.000E+00	34.207	6.841	1.055E-09
804	20.963	4.193	2.428E-10	68.567	13.713	8.496E-09	29.828	5.966	6.994E-10	-10.244	0.000	0.000E+00	9.934	1.987	2.584E-11	33.355	6.671	9.780E-10	9.995	1.999	2.631E-11
805	13.863	2.773	7.021E-11	14.908	2.982	8.733E-11	31.752	6.350	8.437E-10	32.111	6.422	8.727E-10	32.554	6.511	9.093E-10	22.659	4.532	3.066E-10	36.431	7.286	1.274E-09
806	34.797	6.959	1.110E-09	28.387	5.677	6.029E-10	34.399	6.880	1.073E-09	33.311	6.662	9.742E-10	37.703	7.541	1.413E-09	14.438	2.888	7.932E-11	46.438	9.288	2.639E-09
807	33.224	6.645	9.666E-10	32.632	6.526	9.158E-10	21.121	4.224	2.483E-10	35.672	7.134	1.196E-09	38.719	7.744	1.530E-09	-4.778	0.000	0.000E+00	-28.740	0.000	0.000E+00
808	35.336	7.067	1.163E-09	36.853	7.371	1.319E-09	8.889	1.778	1.851E-11	31.412	6.282	8.169E-10	12.822	2.564	5.556E-11	5.423	1.085	4.203E-12	27.460	5.492	5.457E-10
809	11.818	2.364	4.350E-11	20.683	4.137	2.332E-10	30.809	6.162	7.707E-10	-6.022	0.000	0.000E+00	11.333	2.267	3.837E-11	19.719	3.944	2.021E-10	5.078	1.016	3.452E-12
810	51.423	10.285	3.584E-09	32.346	6.469	8.920E-10	14.311	2.862	7.724E-11	65.498	13.100	7.406E-09	10.472	2.094	3.027E-11	32.191	6.438	8.792E-10	34.143	6.829	1.049E-09
811	17.962	3.592	1.527E-10	26.003	5.201	4.634E-10	35.138	7.028	1.143E-09	60.428	12.086	5.816E-09	11.582	2.316	4.095E-11	14.600	2.920	8.202E-11	-27.494	0.000	0.000E+00
812	4.193	0.839	1.943E-12	38.136	7.627	1.462E-09	26.782	5.356	5.063E-10	53.506	10.701	4.037E-09	101.435	20.287	2.751E-08	23.533	4.707	3.435E-10	4.235	0.847	2.002E-12
813	30.956	6.191	7.818E-10	26.186	5.237	4.732E-10	35.832	7.166	1.213E-09	24.336	4.867	3.799E-10	-2.655	0.000	0.000E+00	40.787	8.157	1.788E-09	27.217	5.443	5.314E-10
814	28.637	5.727	6.190E-10	34.805	6.961	1.111E-09	-3.836	0.000	0.000E+00	17.525	3.505	1.419E-10	4.028	0.806	1.722E-12	5.904	1.181	5.425E-12	24.700	4.940	3.972E-10
815	26.890	5.378	5.125E-10	57.776	11.555	5.083E-09	33.474	6.695	9.886E-10	33.887	6.777	1.026E-09	98.722	19.744	2.536E-08	33.372	6.674	9.796E-10	29.773	5.955	6.956E-10
816	32.425	6.485	8.985E-10	34.982	6.996	1.128E-09	31.899	6.380	8.555E-10	35.056	7.011	1.135E-09	7.999	1.600	1.349E-11	6.794	1.359	8.266E-12	17.600	3.520	1.437E-10
817	16.091	3.218	1.098E-10	33.057	6.611	9.521E-10	12.705	2.541	5.405E-11	7.797	1.559	1.250E-11	74.289	14.858	1.081E-08	20.328	4.066	2.214E-10	16.585	3.317	1.202E-10
818	7.298	1.460	1.024E-11	33.615	6.723	1.001E-09	42.799	8.560	2.066E-09	65.162	13.032	7.292E-09	107.145	21.429	3.242E-08	18.538	3.708	1.679E-10	36.880	7.376	1.322E-09
819	-7.688	0.000	0.000E+00	20.715	4.143	2.343E-10	9.238	1.848	2.078E-11	44.460	8.892	2.316E-09	91.646	18.329	2.029E-08	41.467	8.293	1.879E-09	33.137	6.627	9.590E-10
820	28.131	5.626	5.867E-10	34.642	6.928	1.096E-09	15.828	3.166	1.045E-10	96.456	19.291	2.365E-08	10.171	2.034	2.773E-11	-8.472	0.000	0.000E+00	26.138	5.228	4.706E-10
821	30.278	6.056	7.316E-10	34.912	6.982	1.122E-09	26.417	5.283	4.859E-10	104.543	20.909	3.011E-08	20.414	4.083	2.242E-10	24.283	4.857	3.774E-10	-5.356	0.000	0.000E+00
822	45.947	9.189	2.557E-09	31.169	6.234	7.981E-10	23.364	4.673	3.361E-10	102.071	20.414	2.803E-08	106.232	21.246	3.160E-08	42.283	8.457	1.992E-09	-6.425	0.000	0.000E+00
823	-8.202	0.000	0.000E+00	27.141	5.428	5.270E-10	7.838	1.568	1.269E-11	27.644	5.529	5.568E-10	59.281	11.856	5.491E-09	25.447	5.089	4.343E-10	5.555	1.111	4.517E-12
824	33.333	6.667	9.761E-10	35.626	7.125	1.192E-09	6.416	1.283	6.961E-12	43.893	8.779	2.229E-09	-5.554	0.000	0.000E+00	19.455	3.891	1.941E-10	29.781	5.956	6.962E-10
825	32.414	6.483	8.976E-10	16.808	3.362	1.252E-10	21.637	4.327	2.670E-10	7.722	1.544	1.214E-11	104.343	20.869	2.994E-08	8.925	1.785	1.874E-11	6.078	1.216	5.918E-12
826	29.916	5.983	7.057E-10	33.481	6.696	9.892E-10	-25.990	0.000	0.000E+00	61.141	12.228	6.024E-09	33.229	6.646	9.670E-10	27.798	5.560	5.662E-10	10.514	2.103	3.064E-11
827	29.556	5.911	6.805E-10	33.195	6.639	9.640E-10	-11.281	0.000	0.000E+00	64.669	12.934	7.128E-09	104.215	20.843	2.983E-08	30.415	6.083	7.416E-10	24.253	4.851	3.760E-10
828	36.585	7.317	1.291E-09	16.010	3.202	1.082E-10	-14.431	0.000	0.000E+00	54.226	10.845	4.203E-09	12.306	2.461	4.912E-11	30.418	6.084	7.418E-10	31.277	6.255	8.064E-10
829	33.076	6.615	9.538E-10	8.890	1.778	1.852E-11	49.450	9.890	3.187E-09	110.608	22.122	3.567E-08	107.032	21.406	3.232E-08	28.884	5.777	6.352E-10	23.403	4.681	3.378E-10
830	31.991	6.398	8.630E-10	38.127	7.625	1.461E-09	34.297	6.859	1.063E-09	31.325	6.265	8.101E-10	13.917	2.783	7.105E-11	7.367	1.473	1.054E-11	-28.885	0.000	0.000E+00
831	20.701	4.140	2.338E-10	33.990	6.798	1.035E-09	33.257	6.651	9.694E-10	15.692	3.138	1.018E-10	27.483	5.497	5.471E-10	-2.182	0.000	0.000E+00	21.078	4.216	2.468E-10
832	30.051	6.010	7.153E-10	21.277	4.255	2.539E-10	30.944	6.189	7.810E-10	56.815	11.363	4.834E-09	29.590	5.918	6.828E-10	57.916	11.583	5.120E-09	110.575	22.115	3.563E-08
833	33.560	6.712	9.962E-10	29.396	5.879	6.695E-10	30.294	6.059	7.328E-10	62.720	12.544	6.503E-09	4.961	0.992	3.219E-12	31.017	6.203	7.865E-10	23.784	4.757	3.546E-10
834	32.378	6.476	8.946E-10	33.566	6.713	9.967E-10	54.563	10.913	4.281E-09	35.860	7.172	1.215E-09	36.534	7.307	1.285E-09	38.567	7.713	1.512E-09	28.037	5.607	5.809E-10
835	15.229	3.046	9.310E-11	31.769	6.354	8.450E-10	-52.086	0.000	0.000E+00	16.544	3.309	1.193E-10	97.458	19.492	2.440E-08	23.124	4.625	3.259E-10	26.095	5.219	4.684E-10
836	-29.246	0.000	0.000E+00	28.714	5.743	6.240E-10	8.448	1.690	1.589E-11	22.814	4.563	3.130E-10	-6.350	0.000	0.000E+00	10.695	2.139	3.225E-11	12.088	2.418	4.655E-11
837	6.144	1.229	6.113E-12	39.980	7.996	1.684E-09	9.699	1.940	2.405E-11	28.264	5.653	5.951E-10	106.001	21.200	3.139E-08	14.894	2.979	8.707E-11	60.423	12.085	5.814E-09
838	27.635	5.527	5.563E-10	30.019	6.004	7.130E-10	11.023	2.205	3.530E-11	89.896	17.979	1.915E-08	8.911	1.782	1.865E-11	-7.027	0.000	0.000E+00	11.270	2.254	3.773E-11
839	10.352	2.070	2.924E-11	21.114	4.223	2.481E-10	-29.639	0.000	0.000E+00	30.704	6.141	7.629E-10	38.055	7.611	1.453E-09	30.696	6.139	7.623E-10	9.455	1.891	2.228E-11
840	22.412	4.482	2.967E-10	38.832	7.766	1.543E-09	41.577	8.315	1.894E-09	100.400	20.080	2.667E-08	35.566	7.113	1.186E-09	42.529	8.506	2.027E-09	10.493	2.099	3.045E-11
841	14.029	2.806	7.277E-11	34.314	6.863	1.065E-09	32.637	6.527	9.162E-10	7.964	1.593	1.331E-11	29.542	5.908	6.795E-10	22.228	4.446	2.895E-10	98.271	19.654	2.501E-08
842	22.164	4.433	2.870E-10	37.338	7.468	1.372E-09	16.930	3.386	1.279E-10	63.670	12.734	6.803E-09	66.208	13.242	7.649E-09	41.556	8.311	1.891E-09	30.768	6.154	7.677E-10
843	6.655	1.331	7.769E-12	45.327	9.065	2.455E-09	32.585	6.517	9.119E-10	-7.131	0.000	0.000E+00	-7.307	0.000	0.000E+00	109.263	21.853	3.438E-08	16.659	3.332	1.219E-10
844	23.403	4.681	3.378E-10	19.391	3.878	1.922E-10	-19.711	0.000	0.000E+00	-9.775	0.000	0.000E+00	41.434	8.287	1.875E-09	-104.322	0.000	0.000E+00	22.199	4.440	2.883E-10
845	10.846	2.169	3.363E-11	35.730	7.146	1.202E-09	25.124	5.025	4.180E-10	63.146	12.629	6.636E-09	96.517	19.303	2.370E-08	34.690	6.938	1.100E-09	13.368	2.674	

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
846	9.174	1.835	2.035E-11	27.763	5.553	5.640E-10	34.491	6.898	1.081E-09	-10.027	0.000	0.000E+00	17.538	3.508	1.422E-10	11.533	2.307	4.043E-11	33.770	6.754	1.015E-09
847	7.175	1.435	9.736E-12	5.671	1.134	4.806E-12	43.627	8.725	2.189E-09	11.458	2.292	3.965E-11	56.991	11.398	4.879E-09	14.901	2.980	8.720E-11	7.409	1.482	1.072E-11
848	96.644	19.329	2.379E-08	30.657	6.131	7.594E-10	38.939	7.788	1.556E-09	-12.144	0.000	0.000E+00	5.216	1.043	3.741E-12	31.766	6.353	8.449E-10	28.853	5.771	6.331E-10
849	5.406	1.081	4.165E-12	38.014	7.603	1.448E-09	5.260	1.052	3.837E-12	28.929	5.786	6.381E-10	9.206	1.841	2.056E-11	14.050	2.810	7.310E-11	15.268	3.054	9.382E-11
850	31.155	6.231	7.970E-10	33.742	6.748	1.012E-09	31.275	6.255	8.063E-10	7.999	1.600	1.349E-11	103.222	20.644	2.899E-08	29.241	5.848	6.590E-10	54.218	10.844	4.201E-09
851	8.110	1.622	1.406E-11	12.513	2.503	5.164E-11	-30.769	0.000	0.000E+00	38.460	7.692	1.499E-09	22.933	4.587	3.179E-10	31.997	6.399	8.634E-10	34.787	6.957	1.110E-09
852	11.492	2.298	4.000E-11	3.723	0.745	1.360E-12	33.523	6.705	9.929E-10	28.710	5.742	6.237E-10	8.623	1.725	1.690E-11	75.038	15.008	1.114E-08	-31.412	0.000	0.000E+00
853	77.253	15.451	1.215E-08	5.827	1.165	5.214E-12	12.389	2.478	5.011E-11	36.329	7.266	1.264E-09	57.694	11.539	5.062E-09	12.069	2.414	4.633E-11	4.194	0.839	1.944E-12
854	-92.178	0.000	0.000E+00	29.280	5.856	6.616E-10	36.039	7.208	1.234E-09	7.203	1.441	9.849E-12	53.150	10.630	3.957E-09	33.942	6.788	1.031E-09	36.698	7.340	1.303E-09
855	14.273	2.855	7.663E-11	31.458	6.292	8.205E-10	27.507	5.501	5.485E-10	30.671	6.134	7.605E-10	35.800	7.160	1.209E-09	13.884	2.777	7.054E-11	7.764	1.553	1.233E-11
856	26.643	5.329	4.985E-10	26.622	5.324	4.973E-10	32.980	6.596	9.455E-10	71.257	14.251	9.536E-09	-8.970	0.000	0.000E+00	61.208	12.242	6.044E-09	19.355	3.871	1.911E-10
857	8.501	1.700	1.619E-11	29.054	5.811	6.464E-10	26.897	5.379	5.129E-10	101.337	20.267	2.743E-08	18.605	3.721	1.697E-10	30.442	6.088	7.435E-10	31.228	6.246	8.026E-10
858	11.468	2.294	3.975E-11	8.063	1.613	1.381E-11	16.735	3.347	1.235E-10	30.309	6.062	7.339E-10	81.340	16.268	1.418E-08	112.433	22.487	3.746E-08	176.117	35.223	1.440E-07
859	6.162	1.232	6.165E-12	31.453	6.291	8.201E-10	8.159	1.632	1.431E-11	100.780	20.156	2.698E-08	6.709	1.342	7.959E-12	24.825	4.965	4.032E-10	116.726	23.345	4.192E-08
860	24.082	4.816	3.681E-10	36.363	7.273	1.267E-09	31.800	6.360	8.476E-10	63.017	12.603	6.596E-09	114.158	22.832	3.921E-08	13.714	2.743	6.799E-11	36.566	7.313	1.289E-09
861	35.023	7.005	1.132E-09	34.220	6.844	1.056E-09	6.276	1.255	6.515E-12	17.490	3.498	1.410E-10	106.407	21.281	3.175E-08	14.011	2.802	7.249E-11	108.730	21.746	3.388E-08
862	9.998	2.000	2.634E-11	36.411	7.282	1.272E-09	8.337	1.667	1.527E-11	-9.686	0.000	0.000E+00	110.222	22.044	3.529E-08	46.744	9.349	2.692E-09	110.050	22.010	3.513E-08
863	29.958	5.992	7.086E-10	28.973	5.795	6.410E-10	23.618	4.724	3.472E-10	109.360	21.872	3.447E-08	103.681	20.736	2.938E-08	109.518	21.904	3.462E-08	25.044	5.009	4.140E-10
864	5.082	1.016	3.460E-12	33.628	6.726	1.002E-09	30.899	6.180	7.775E-10	30.766	6.153	7.675E-10	6.402	1.280	6.915E-12	15.209	3.042	9.272E-11	32.596	6.519	9.128E-10
865	104.708	20.942	3.026E-08	28.314	5.663	5.983E-10	16.823	3.365	1.255E-10	101.052	20.210	2.720E-08	7.836	1.567	1.268E-11	7.768	1.554	1.236E-11	-6.618	0.000	0.000E+00
866	34.083	6.817	1.044E-09	17.214	3.443	1.344E-10	30.884	6.177	7.764E-10	27.555	5.511	5.514E-10	103.043	20.609	2.884E-08	32.742	6.548	9.251E-10	7.191	1.438	9.799E-12
867	186.826	37.365	1.719E-07	-21.813	0.000	0.000E+00	24.363	4.873	3.811E-10	29.135	5.827	6.519E-10	13.849	2.770	7.000E-11	30.945	6.189	7.810E-10	111.799	22.360	3.683E-08
868	9.881	1.976	2.543E-11	28.412	5.682	6.045E-10	-31.064	0.000	0.000E+00	7.140	1.428	9.593E-12	60.254	12.051	5.766E-09	21.786	4.357	2.725E-10	12.174	2.435	4.756E-11
869	21.217	4.243	2.517E-10	39.164	7.833	1.583E-09	31.590	6.318	8.309E-10	29.821	5.964	6.990E-10	10.825	2.165	3.343E-11	-27.684	0.000	0.000E+00	13.214	2.643	6.082E-11
870	96.038	19.208	2.335E-08	-33.097	0.000	0.000E+00	24.076	4.815	3.678E-10	-16.593	0.000	0.000E+00	103.221	20.644	2.899E-08	17.318	3.464	1.369E-10	13.470	2.694	6.442E-11
871	-9.457	0.000	0.000E+00	29.825	5.965	6.992E-10	10.841	2.168	3.358E-11	29.127	5.825	6.513E-10	-9.932	0.000	0.000E+00	9.097	1.819	1.984E-11	31.574	6.315	8.296E-10
872	26.636	5.327	4.981E-10	17.804	3.561	1.487E-10	32.835	6.567	9.331E-10	48.075	9.615	2.929E-09	56.380	11.276	4.724E-09	13.824	2.765	6.963E-11	29.694	5.939	6.901E-10
873	7.988	1.598	1.343E-11	27.325	5.465	5.377E-10	6.902	1.380	8.667E-12	-4.590	0.000	0.000E+00	67.116	13.423	7.969E-09	28.040	5.608	5.811E-10	32.168	6.434	8.774E-10
874	8.459	1.692	1.595E-11	29.798	5.960	6.974E-10	55.942	11.188	4.614E-09	32.929	6.586	9.410E-10	60.900	12.180	5.953E-09	65.342	13.068	7.353E-09	111.552	22.310	3.659E-08
875	26.675	5.335	5.003E-10	10.803	2.161	3.323E-11	24.186	4.837	3.729E-10	27.140	5.428	5.269E-10	-36.508	0.000	0.000E+00	44.240	8.848	2.282E-09	46.021	9.204	2.569E-09
876	82.329	16.466	1.471E-08	8.303	1.661	1.509E-11	41.726	8.345	1.915E-09	64.560	12.912	7.092E-09	6.851	1.370	8.475E-12	104.221	20.844	2.984E-08	42.566	8.513	2.033E-09
877	12.964	2.593	5.743E-11	39.643	7.929	1.642E-09	13.192	2.638	6.051E-11	-28.757	0.000	0.000E+00	116.668	23.334	4.185E-08	33.101	6.620	9.559E-10	110.887	22.177	3.594E-08
878	11.409	2.282	3.914E-11	16.566	3.313	1.198E-10	31.168	6.234	7.980E-10	9.890	1.978	2.549E-11	28.022	5.604	5.799E-10	-18.738	0.000	0.000E+00	63.958	12.792	6.896E-09
879	15.895	3.179	1.058E-10	10.017	2.003	2.650E-11	-7.112	0.000	0.000E+00	64.044	12.809	6.923E-09	101.469	20.294	2.754E-08	64.775	12.955	7.163E-09	-63.705	0.000	0.000E+00
880	10.683	2.137	3.214E-11	15.583	3.117	9.973E-11	27.764	5.553	5.641E-10	23.394	4.679	3.374E-10	28.958	5.792	6.400E-10	46.620	9.324	2.671E-09	-4.821	0.000	0.000E+00
881	-6.331	0.000	0.000E+00	35.506	7.101	1.180E-09	10.056	2.011	2.680E-11	4.748	0.950	2.820E-12	105.425	21.085	3.088E-08	57.036	11.407	4.890E-09	15.931	3.186	1.066E-10
882	32.734	6.547	9.245E-10	9.640	1.928	2.361E-11	-5.030	0.000	0.000E+00	41.153	8.231	1.837E-09	21.586	4.317	2.651E-10	24.217	4.843	3.743E-10	-14.672	0.000	0.000E+00
883	104.993	20.999	3.050E-08	10.732	2.146	3.258E-11	32.817	6.563	9.315E-10	66.042	13.208	7.592E-09	8.905	1.781	1.861E-11	-18.988	0.000	0.000E+00	39.218	7.844	1.590E-09
884	-7.894	0.000	0.000E+00	8.491	1.698	1.613E-11	39.955	7.991	1.681E-09	34.103	6.821	1.045E-09	108.301	21.660	3.348E-08	14.998	3.000	8.892E-11	20.431	4.086	2.248E-10
885	36.764	7.353	1.310E-09	17.145	3.429	1.328E-10	14.793	2.959	8.533E-11	38.325	7.665	1.484E-09	-72.892	0.000	0.000E+00	5.784	1.157	5.100E-12	40.783	8.157	1.788E-09
886	11.378	2.276	3.883E-11	8.203	1.641	1.455E-11	30.435	6.087	7.430E-10	10.029	2.006	2.659E-11	-29.377	0.000	0.000E+00	40.331	8.066	1.729E-09	7.364	1.473	1.052E-11
887	31.737	6.347	8.426E-10	11.652	2.330	4.169E-11	103.166	20.633	2.894E-08	88.380	17.676	1.820E-08	5.989	1.198	5.661E-12	23.908	4.782	3.602E-10	29.980	5.996	7.102E-10
888	42.682	8.536	2.049E-09	30.002	6.000	7.118E-10	24.228	4.846	3.748E-10	36.936	7.387	1.328E-09	35.792	7.158	1.209E-09	-31.627	0.000	0.000E+00	117.452	23.490	4.270E-08
889	10.388	2.078	2.954E-11	22.461	4.492	2.986E-10	9.647	1.929	2.366E-11	12.159	2.432	4.738E-11	5.604	1.121	4.639E-12	-3.543	0.000	0.000E+00	-47.200	0.000	0.000E+00
890	19.827	3.965	2.054E-10	27.497	5.499	5.479E-10	35.064	7.013	1.136E-09	9.547	1.909	2.293E-11	107.763	21.553	3.298E-08	9.922	1.984	2.574E-11	27.664	5.533	5.580E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
891	29.684	5.937	6.894E-10	32.169	6.434	8.774E-10	33.538	6.708	9.942E-10	107.943	21.589	3.315E-08	10.338	2.068	2.912E-11	50.766	10.153	3.448E-09	101.578	20.316	2.762E-08
892	166.714	33.343	1.221E-07	5.367	1.073	4.074E-12	110.832	22.166	3.588E-08	9.405	1.881	2.193E-11	104.468	20.894	3.005E-08	78.242	15.648	1.262E-08	58.916	11.783	5.390E-09
893	7.784	1.557	1.243E-11	16.362	3.272	1.154E-10	38.873	7.775	1.548E-09	21.384	4.277	2.577E-10	23.583	4.717	3.457E-10	-96.295	0.000	0.000E+00	32.481	6.496	9.032E-10
894	36.548	7.310	1.287E-09	30.857	6.171	7.744E-10	6.422	1.284	6.981E-12	30.546	6.109	7.512E-10	105.400	21.080	3.086E-08	11.664	2.333	4.182E-11	9.204	1.841	2.055E-11
895	5.317	1.063	3.961E-12	29.680	5.936	6.891E-10	31.669	6.334	8.372E-10	35.139	7.028	1.144E-09	7.219	1.444	9.915E-12	104.680	20.936	3.023E-08	-12.994	0.000	0.000E+00
896	96.320	19.264	2.355E-08	29.266	5.853	6.606E-10	34.581	6.916	1.090E-09	104.021	20.804	2.967E-08	12.726	2.545	5.432E-11	38.924	7.785	1.554E-09	12.921	2.584	5.685E-11
897	104.079	20.816	2.971E-08	35.475	7.095	1.177E-09	108.492	21.698	3.366E-08	28.109	5.622	5.854E-10	8.081	1.616	1.391E-11	7.980	1.596	1.339E-11	62.139	12.428	6.324E-09
898	-3.635	0.000	0.000E+00	25.616	5.123	4.430E-10	180.769	36.154	1.557E-07	108.732	21.746	3.388E-08	8.022	1.604	1.361E-11	107.682	21.536	3.291E-08	7.181	1.436	9.761E-12
899	31.540	6.308	8.270E-10	32.929	6.586	9.411E-10	26.144	5.229	4.710E-10	63.501	12.700	6.749E-09	62.207	12.441	6.345E-09	-44.861	0.000	0.000E+00	25.016	5.003	4.126E-10
900	8.865	1.773	1.836E-11	11.029	2.206	3.536E-11	7.355	1.471	1.049E-11	30.127	6.025	7.207E-10	26.415	5.283	4.858E-10	60.148	12.030	5.735E-09	30.355	6.071	7.372E-10
901	18.124	3.625	1.569E-10	8.945	1.789	1.886E-11	-4.818	0.000	0.000E+00	97.628	19.526	2.453E-08	32.557	6.511	9.095E-10	51.482	10.296	3.596E-09	24.219	4.844	3.744E-10
902	-3.033	0.000	0.000E+00	13.829	2.766	6.970E-11	9.281	1.856	2.107E-11	25.250	5.050	4.243E-10	20.758	4.152	2.357E-10	13.987	2.797	7.212E-11	88.570	17.714	1.831E-08
903	42.356	8.471	2.003E-09	29.291	5.858	6.623E-10	10.077	2.015	2.697E-11	14.717	2.943	8.401E-11	41.537	8.307	1.889E-09	12.866	2.573	5.613E-11	55.039	11.008	4.394E-09
904	12.142	2.428	4.717E-11	106.561	21.312	3.189E-08	22.140	4.428	2.860E-10	92.770	18.554	2.104E-08	130.002	26.000	5.791E-08	11.059	2.212	3.565E-11	25.401	5.080	4.320E-10
905	13.853	2.771	7.006E-11	32.863	6.573	9.354E-10	100.555	20.111	2.680E-08	65.042	13.008	7.252E-09	7.174	1.435	9.730E-12	63.427	12.685	6.725E-09	106.334	21.267	3.169E-08
906	13.940	2.788	7.140E-11	106.135	21.227	3.151E-08	29.629	5.926	6.855E-10	11.733	2.347	4.258E-11	5.042	1.008	3.378E-12	11.090	2.218	3.595E-11	15.329	3.066	9.494E-11
907	46.994	9.399	2.735E-09	42.030	8.406	1.957E-09	36.657	7.331	1.298E-09	62.670	12.534	6.487E-09	102.398	20.480	2.830E-08	102.861	20.572	2.868E-08	103.641	20.728	2.934E-08
908	61.920	12.384	6.257E-09	6.634	1.327	7.694E-12	45.102	9.020	2.418E-09	102.090	20.418	2.804E-08	8.782	1.756	1.785E-11	58.794	11.759	5.357E-09	108.982	21.796	3.412E-08
909	25.878	5.176	4.568E-10	110.049	22.010	3.513E-08	119.447	23.889	4.492E-08	110.234	22.047	3.531E-08	12.898	2.580	5.655E-11	78.545	15.709	1.277E-08	110.654	22.131	3.571E-08
910	-38.598	0.000	0.000E+00	8.991	1.798	1.916E-11	98.618	19.724	2.528E-08	109.199	21.840	3.432E-08	36.653	7.331	1.298E-09	92.693	18.539	2.099E-08	33.373	6.675	9.797E-10
911	22.983	4.597	3.200E-10	25.948	5.190	4.605E-10	12.526	2.505	5.180E-11	37.632	7.526	1.405E-09	18.993	3.799	1.806E-10	15.336	3.067	9.507E-11	75.243	15.049	1.123E-08
912	8.875	1.775	1.842E-11	-8.157	0.000	0.000E+00	60.155	12.031	5.737E-09	105.220	21.044	3.070E-08	93.414	18.683	2.148E-08	67.670	13.534	8.167E-09	41.575	8.315	1.894E-09
913	60.420	12.084	5.813E-09	29.833	5.967	6.998E-10	28.234	5.647	5.932E-10	20.541	4.108	2.284E-10	3.040	0.608	7.402E-13	105.331	21.066	3.080E-08	139.200	27.840	7.109E-08
914	-2.835	0.000	0.000E+00	21.456	4.291	2.603E-10	8.426	1.685	1.577E-11	12.113	2.423	4.684E-11				18.319	3.664	1.620E-10	87.420	17.484	1.761E-08
915	96.362	19.272	2.358E-08	-21.084	0.000	0.000E+00	9.886	1.977	2.547E-11	106.867	21.373	3.217E-08				107.703	21.541	3.293E-08	-55.172	0.000	0.000E+00
916	12.425	2.485	5.055E-11	15.892	3.178	1.058E-10	15.340	3.068	9.514E-11	27.829	5.566	5.680E-10				7.515	1.503	1.118E-11	101.103	20.221	2.724E-08
917	14.503	2.901	8.040E-11	23.328	4.666	3.346E-10	35.490	7.098	1.178E-09	8.283	1.657	1.498E-11				106.689	21.338	3.201E-08	97.026	19.405	2.407E-08
918	63.904	12.781	6.878E-09	10.223	2.045	2.816E-11	105.751	21.150	3.117E-08	61.236	12.247	6.052E-09				-3.534	0.000	0.000E+00	-12.330	0.000	0.000E+00
919	37.598	7.520	1.401E-09	24.846	4.969	4.043E-10	28.942	5.788	6.389E-10	101.308	20.262	2.740E-08				60.302	12.060	5.779E-09	23.746	4.749	3.529E-10
920	168.346	33.669	1.257E-07	28.454	5.691	6.072E-10	116.576	23.315	4.176E-08	-36.107	0.000	0.000E+00				35.125	7.025	1.142E-09	67.534	13.507	8.118E-09
921	106.930	21.386	3.222E-08	27.141	5.428	5.269E-10	21.776	4.355	2.722E-10	4.076	0.815	1.785E-12				110.788	22.158	3.584E-08	97.106	19.421	2.413E-08
922	110.033	22.007	3.511E-08	43.911	8.782	2.232E-09	32.067	6.413	8.691E-10	102.391	20.478	2.829E-08				106.219	21.244	3.159E-08	93.248	18.650	2.137E-08
923	33.619	6.724	1.002E-09	34.369	6.874	1.070E-09	99.443	19.889	2.592E-08	53.627	10.725	4.065E-09				95.959	19.192	2.329E-08	-7.710	0.000	0.000E+00
924	5.835	1.167	5.236E-12	14.963	2.993	8.829E-11	-32.148	0.000	0.000E+00	92.071	18.414	2.057E-08				98.669	19.734	2.532E-08	106.050	21.210	3.144E-08
925	61.214	12.243	6.046E-09	6.183	1.237	6.231E-12	109.912	21.982	3.500E-08	54.866	10.973	4.353E-09				-71.142	0.000	0.000E+00	60.785	12.157	5.919E-09
926	88.270	17.654	1.813E-08	-5.232	0.000	0.000E+00	109.067	21.813	3.420E-08	35.919	7.184	1.221E-09				-95.251	0.000	0.000E+00	17.147	3.429	1.329E-10
927	-5.517	0.000	0.000E+00	31.514	6.303	8.249E-10	7.767	1.553	1.235E-11	29.973	5.995	7.097E-10				103.353	20.671	2.910E-08	4.114	0.823	1.835E-12
928	29.496	5.899	6.764E-10	38.578	7.716	1.513E-09	31.066	6.213	7.902E-10	70.178	14.036	9.109E-09				79.019	15.804	1.300E-08	105.652	21.130	3.108E-08
929	114.209	22.842	3.926E-08	2.858	0.572	6.152E-13	7.473	1.495	1.100E-11	-89.418	0.000	0.000E+00				55.736	11.147	4.564E-09	62.957	12.591	6.577E-09
930	24.177	4.835	3.725E-10	23.180	4.636	3.283E-10	60.371	12.074	5.799E-09	57.493	11.499	5.009E-09				48.367	9.673	2.982E-09	71.352	14.270	9.574E-09
931	-12.491	0.000	0.000E+00	97.209	19.442	2.421E-08	10.315	2.063	2.893E-11	15.200	3.040	9.257E-11				88.047	17.609	1.799E-08	70.498	14.100	9.235E-09
932	95.261	19.052	2.278E-08	14.720	2.944	8.407E-11	-20.451	0.000	0.000E+00	12.818	2.564	5.505E-11				5.141	1.028	3.581E-12	107.417	21.483	3.267E-08
933	120.715	24.143	4.636E-08	7.354	1.471	1.048E-11	24.867	4.973	4.053E-10	138.977	27.795	7.075E-08				88.088	17.618	1.802E-08	63.500	12.700	6.749E-09
934	-123.286	0.000	0.000E+00	12.680	2.536	5.373E-11	36.177	7.235	1.248E-09	24.259	4.852	3.763E-10				6.335	1.267	6.702E-12	109.479	21.896	3.458E-08
935	-47.536	0.000	0.000E+00	-18.233	0.000	0.000E+00	181.159	36.232	1.567E-07	9.252	1.850	2.088E-11				84.233	16.847	1.575E-08	92.692	18.538	2.099E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
936	100.380	20.076	2.666E-08	11.112	2.222	3.616E-11	70.848	14.170	9.373E-09	93.353	18.671	2.144E-08				113.456	22.691	3.849E-08	113.194	22.639	3.823E-08
937	110.436	22.087	3.550E-08	30.774	6.155	7.681E-10	77.755	15.551	1.239E-08	16.478	3.296	1.179E-10				-79.255	0.000	0.000E+00	120.964	24.193	4.665E-08
938	-85.251	0.000	0.000E+00	21.703	4.341	2.694E-10	7.811	1.562	1.256E-11	-17.550	0.000	0.000E+00				91.404	18.281	2.013E-08	107.283	21.457	3.254E-08
939	101.130	20.226	2.726E-08	-23.524	0.000	0.000E+00	13.286	2.657	6.181E-11	-5.052	0.000	0.000E+00				110.809	22.162	3.586E-08	36.032	7.206	1.233E-09
940	98.748	19.750	2.538E-08	24.288	4.858	3.776E-10	32.575	6.515	9.110E-10	68.320	13.664	8.405E-09				38.389	7.678	1.491E-09	9.293	1.859	2.115E-11
941	87.463	17.493	1.763E-08	26.301	5.260	4.795E-10	63.766	12.753	6.834E-09	21.526	4.305	2.629E-10				108.515	21.703	3.368E-08	21.842	4.368	2.746E-10
942	12.600	2.520	5.273E-11	33.225	6.645	9.667E-10	17.964	3.593	1.528E-10	36.212	7.242	1.252E-09				-29.216	0.000	0.000E+00	-14.367	0.000	0.000E+00
943	64.519	12.904	7.079E-09	30.669	6.134	7.603E-10	102.054	20.411	2.801E-08	9.533	1.907	2.283E-11				9.983	1.997	2.623E-11	105.977	21.195	3.137E-08
944	87.227	17.445	1.749E-08	43.663	8.733	2.194E-09	8.195	1.639	1.450E-11	4.734	0.947	2.796E-12				116.418	23.284	4.159E-08	59.255	11.851	5.484E-09
945	87.382	17.476	1.759E-08	7.715	1.543	1.210E-11	-5.857	0.000	0.000E+00	82.020	16.404	1.454E-08				57.001	11.400	4.881E-09	11.799	2.360	4.330E-11
946	62.233	12.447	6.353E-09	15.516	3.103	9.845E-11	112.834	22.567	3.786E-08	96.631	19.326	2.378E-08				15.104	3.021	9.082E-11	6.993	1.399	9.015E-12
947	29.354	5.871	6.667E-10	12.864	2.573	5.610E-11	5.883	1.177	5.368E-12	63.571	12.714	6.771E-09				-22.206	0.000	0.000E+00	-2.196	0.000	0.000E+00
948	106.761	21.352	3.207E-08	108.764	21.753	3.391E-08	123.367	24.673	4.949E-08	9.972	1.994	2.614E-11				51.981	10.396	3.702E-09	65.411	13.082	7.376E-09
949	29.276	5.855	6.613E-10	12.735	2.547	5.443E-11	41.818	8.364	1.927E-09	102.926	20.585	2.874E-08				62.427	12.485	6.412E-09	31.992	6.398	8.630E-10
950	105.939	21.188	3.134E-08	31.590	6.318	8.309E-10	66.191	13.238	7.643E-09	11.017	2.203	3.525E-11				93.596	18.719	2.161E-08	11.149	2.230	3.653E-11
951	102.149	20.430	2.809E-08	27.194	5.439	5.300E-10	112.085	22.417	3.711E-08	-10.548	0.000	0.000E+00				10.344	2.069	2.917E-11	108.615	21.723	3.377E-08
952	39.815	7.963	1.664E-09	11.181	2.236	3.684E-11	8.280	1.656	1.496E-11	103.989	20.798	2.964E-08				37.800	7.560	1.424E-09	12.395	2.479	5.019E-11
953	12.295	2.459	4.898E-11	43.146	8.629	2.117E-09	33.618	6.724	1.001E-09	27.435	5.487	5.442E-10				95.985	19.197	2.331E-08	59.259	11.852	5.485E-09
954	3.098	0.620	7.839E-13	28.431	5.686	6.057E-10	63.406	12.681	6.719E-09	98.195	19.639	2.496E-08				90.744	18.149	1.969E-08	107.742	21.548	3.296E-08
955	12.172	2.434	4.753E-11	7.284	1.457	1.019E-11	-3.787	0.000	0.000E+00	104.367	20.873	2.996E-08				92.795	18.559	2.106E-08	93.840	18.768	2.178E-08
956	-5.239	0.000	0.000E+00	22.312	4.462	2.928E-10	63.788	12.758	6.841E-09	85.454	17.091	1.645E-08				94.345	18.869	2.213E-08	10.484	2.097	3.037E-11
957	24.988	4.998	4.112E-10	20.402	4.080	2.238E-10	113.670	22.734	3.871E-08	12.619	2.524	5.296E-11				79.571	15.914	1.328E-08	102.387	20.477	2.829E-08
958	-18.904	0.000	0.000E+00	68.669	13.734	8.534E-09	34.787	6.957	1.110E-09	42.210	8.442	1.982E-09				106.658	21.332	3.198E-08	-5.340	0.000	0.000E+00
959	109.725	21.945	3.482E-08	35.271	7.054	1.156E-09	132.378	26.476	6.114E-08	-3.286	0.000	0.000E+00				50.233	10.047	3.341E-09	39.299	7.860	1.600E-09
960	10.863	2.173	3.379E-11	11.654	2.331	4.171E-11	109.185	21.837	3.431E-08	-13.857	0.000	0.000E+00				9.843	1.969	2.513E-11	16.456	3.291	1.174E-10
961	54.932	10.986	4.369E-09	29.494	5.899	6.762E-10	151.870	30.374	9.232E-08	31.592	6.318	8.310E-10				28.546	5.709	6.131E-10	75.553	15.111	1.137E-08
962	89.231	17.846	1.873E-08	4.093	0.819	1.808E-12	-164.506	0.000	0.000E+00	19.557	3.911	1.972E-10				30.929	6.186	7.798E-10	104.698	20.940	3.025E-08
963	103.119	20.624	2.890E-08	110.919	22.184	3.597E-08	58.046	11.609	5.155E-09	78.589	15.718	1.279E-08				108.253	21.651	3.344E-08	-80.033	0.000	0.000E+00
964	116.134	23.227	4.128E-08	5.619	1.124	4.677E-12	109.470	21.894	3.458E-08	37.187	7.437	1.355E-09				106.294	21.259	3.165E-08	11.630	2.326	4.146E-11
965	101.249	20.250	2.736E-08	27.728	5.546	5.619E-10	98.548	19.710	2.523E-08	20.080	4.016	2.134E-10				111.372	22.274	3.641E-08	11.900	2.380	4.442E-11
966	84.203	16.841	1.574E-08	11.801	2.360	4.332E-11	40.596	8.119	1.763E-09	34.587	6.917	1.091E-09				16.945	3.389	1.282E-10	9.661	1.932	2.377E-11
967	2.889	0.578	6.356E-13	36.968	7.394	1.332E-09	98.197	19.639	2.496E-08	108.621	21.724	3.378E-08				20.537	4.107	2.283E-10	18.534	3.707	1.678E-10
968	29.966	5.993	7.092E-10	9.243	1.849	2.081E-11	53.081	10.616	3.942E-09	44.460	8.892	2.316E-09				40.050	8.010	1.693E-09	108.998	21.800	3.413E-08
969	98.876	19.775	2.548E-08	31.255	6.251	8.048E-10	102.033	20.407	2.800E-08	108.327	21.665	3.350E-08				34.110	6.822	1.046E-09	106.107	21.221	3.149E-08
970	17.751	3.550	1.474E-10	23.695	4.739	3.507E-10	37.815	7.563	1.425E-09	119.119	23.824	4.455E-08				37.952	7.590	1.441E-09	57.630	11.526	5.045E-09
971	38.752	7.750	1.534E-09	24.079	4.816	3.680E-10	73.003	14.601	1.025E-08	2.945	0.589	6.734E-13				13.519	2.704	6.512E-11	94.017	18.803	2.190E-08
972	100.916	20.183	2.709E-08	36.276	7.255	1.258E-09	-56.659	0.000	0.000E+00	92.978	18.596	2.119E-08				64.121	12.824	6.948E-09	111.446	22.289	3.648E-08
973	13.572	2.714	6.589E-11	10.486	2.097	3.039E-11	61.687	12.337	6.187E-09	27.790	5.558	5.657E-10				74.118	14.824	1.073E-08	15.933	3.187	1.066E-10
974	104.014	20.803	2.966E-08	105.555	21.111	3.100E-08	7.775	1.555	1.239E-11	36.046	7.209	1.234E-09				51.598	10.320	3.621E-09	36.569	7.314	1.289E-09
975	11.440	2.288	3.946E-11	12.637	2.527	5.319E-11	175.286	35.057	1.419E-07	110.694	22.139	3.575E-08				91.350	18.270	2.009E-08	39.840	7.968	1.667E-09
976	105.866	21.173	3.127E-08	116.808	23.362	4.201E-08	45.007	9.001	2.403E-09	7.505	1.501	1.114E-11				32.115	6.423	8.730E-10	31.869	6.374	8.531E-10
977	105.798	21.160	3.121E-08	101.192	20.238	2.731E-08	65.603	13.121	7.442E-09	19.300	3.860	1.895E-10				10.929	2.186	3.440E-11	106.117	21.223	3.150E-08
978	15.725	3.145	1.025E-10	20.442	4.088	2.252E-10	13.751	2.750	6.853E-11	93.706	18.741	2.169E-08				11.129	2.226	3.633E-11	34.775	6.955	1.108E-09
979	12.740	2.548	5.450E-11	65.184	13.037	7.300E-09	81.959	16.392	1.451E-08	72.031	14.406	9.850E-09				30.332	6.066	7.355E-10	9.724	1.945	2.424E-11
980	98.531	19.706	2.521E-08	69.028	13.806	8.669E-09	21.662	4.332	2.679E-10	18.303	3.661	1.616E-10				107.020	21.404	3.231E-08	84.297	16.859	1.579E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-02

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
981	81.482	16.296	1.426E-08	-88.571	0.000	0.000E+00	68.542	13.708	8.487E-09	23.566	4.713	3.450E-10				62.627	12.525	6.474E-09	37.801	7.560	1.424E-09
982	58.169	11.634	5.188E-09	-61.376	0.000	0.000E+00	-63.798	0.000	0.000E+00	78.104	15.621	1.256E-08				11.712	2.342	4.234E-11	88.788	17.758	1.845E-08
983	-34.633	0.000	0.000E+00	98.562	19.712	2.524E-08	-5.203	0.000	0.000E+00	34.327	6.865	1.066E-09				104.041	20.808	2.968E-08	22.568	4.514	3.029E-10
984	99.754	19.951	2.616E-08	69.600	13.920	8.886E-09	67.097	13.419	7.962E-09	-47.546	0.000	0.000E+00				104.849	20.970	3.038E-08	8.946	1.789	1.887E-11
985	84.041	16.808	1.564E-08	90.216	18.043	1.935E-08	25.192	5.038	4.214E-10	28.861	5.772	6.336E-10				94.250	18.850	2.207E-08	75.188	15.038	1.120E-08
986	111.195	22.239	3.624E-08	65.801	13.160	7.509E-09	57.723	11.545	5.069E-09	-31.813	0.000	0.000E+00				7.501	1.500	1.112E-11	75.987	15.197	1.156E-08
987	-58.698	0.000	0.000E+00	119.306	23.861	4.476E-08	78.208	15.642	1.261E-08	91.280	18.256	2.005E-08				9.621	1.924	2.347E-11	35.553	7.111	1.184E-09
988	11.637	2.327	4.154E-11	10.698	2.140	3.227E-11	11.887	2.377	4.427E-11	110.365	22.073	3.543E-08				9.063	1.813	1.962E-11	28.779	5.756	6.282E-10
989	106.828	21.366	3.213E-08	107.741	21.548	3.296E-08	88.914	17.783	1.853E-08	11.335	2.267	3.839E-11				104.092	20.818	2.973E-08	36.217	7.243	1.252E-09
990	108.339	21.668	3.352E-08	32.768	6.554	9.273E-10	112.244	22.449	3.727E-08	88.007	17.601	1.797E-08				96.382	19.276	2.360E-08	2.614	0.523	4.708E-13
991	62.497	12.499	6.434E-09	110.681	22.136	3.574E-08	64.587	12.917	7.101E-09	45.811	9.162	2.534E-09				3.250	0.650	9.045E-13	59.063	11.813	5.430E-09
992	104.901	20.980	3.043E-08	104.027	20.805	2.967E-08	37.792	7.558	1.423E-09	62.614	12.523	6.470E-09				24.887	4.977	4.063E-10	3.134	0.627	8.116E-13
993	96.719	19.344	2.385E-08	79.994	15.999	1.349E-08	110.379	22.076	3.545E-08	108.909	21.782	3.405E-08				58.591	11.718	5.301E-09	29.594	5.919	6.831E-10
994	111.000	22.200	3.605E-08	-14.259	0.000	0.000E+00	6.652	1.330	7.757E-12	99.184	19.837	2.572E-08				54.085	10.817	4.170E-09	56.182	11.236	4.674E-09
995	38.738	7.748	1.532E-09	39.608	7.922	1.638E-09	22.440	4.488	2.978E-10	9.703	1.941	2.407E-11				65.891	13.178	7.540E-09	6.800	1.360	8.289E-12
996	42.078	8.416	1.964E-09	62.075	12.415	6.304E-09	28.388	5.678	6.030E-10	28.156	5.631	5.883E-10				-6.235	0.000	0.000E+00	13.037	2.607	5.840E-11
997	51.912	10.382	3.687E-09	102.584	20.517	2.845E-08	90.259	18.052	1.938E-08	35.517	7.103	1.181E-09				7.533	1.507	1.127E-11	100.923	20.185	2.709E-08
998	-78.994	0.000	0.000E+00	25.210	5.042	4.223E-10	122.606	24.521	4.858E-08	20.342	4.068	2.219E-10				109.757	21.951	3.485E-08	27.154	5.431	5.277E-10
999	79.973	15.995	1.348E-08	22.649	4.530	3.062E-10	109.595	21.919	3.470E-08	36.904	7.381	1.325E-09				103.201	20.640	2.897E-08	97.632	19.526	2.453E-08
1000	93.934	18.787	2.185E-08	51.378	10.276	3.574E-09	56.400	11.280	4.729E-09	98.425	19.685	2.513E-08				6.207	1.241	6.302E-12	102.220	20.444	2.815E-08
1001	13.881	2.776	7.049E-11	11.829	2.366	4.362E-11	79.802	15.960	1.339E-08	108.769	21.754	3.392E-08				26.231	5.246	4.757E-10	101.175	20.235	2.730E-08
1002	104.652	20.930	3.021E-08	33.130	6.626	9.584E-10	64.720	12.944	7.145E-09	32.862	6.572	9.354E-10				110.171	22.034	3.524E-08	98.426	19.685	2.513E-08
1003	-68.528	0.000	0.000E+00	49.840	9.968	3.263E-09	100.740	20.148	2.695E-08	99.598	19.920	2.604E-08				12.753	2.551	5.466E-11	26.057	5.211	4.663E-10
1004	103.507	20.701	2.923E-08	-58.754	0.000	0.000E+00	64.818	12.964	7.177E-09	27.996	5.599	5.784E-10				16.676	3.335	1.222E-10	96.662	19.332	2.380E-08
1005	93.276	18.655	2.139E-08	42.591	8.518	2.036E-09	-2.699	0.000	0.000E+00	93.438	18.688	2.150E-08				89.164	17.833	1.868E-08	111.532	22.306	3.657E-08
1006	-19.260	0.000	0.000E+00	-57.960	0.000	0.000E+00	31.603	6.321	8.319E-10	30.183	6.037	7.247E-10				39.921	7.984	1.677E-09	30.743	6.149	7.658E-10
1007	95.480	19.096	2.294E-08	25.506	5.101	4.373E-10	14.732	2.946	8.427E-11	22.967	4.593	3.193E-10				11.563	2.313	4.075E-11	104.043	20.809	2.968E-08
1008	29.317	5.863	6.641E-10	81.036	16.207	1.403E-08	52.197	10.439	3.748E-09	4.362	0.872	2.188E-12				10.589	2.118	3.130E-11	107.862	21.572	3.308E-08
1009	58.976	11.795	5.406E-09	25.918	5.184	4.589E-10	17.465	3.493	1.404E-10	110.248	22.050	3.532E-08				11.797	2.359	4.327E-11	103.506	20.701	2.923E-08
1010	105.237	21.047	3.072E-08	69.420	13.884	8.817E-09	102.329	20.466	2.824E-08	19.767	3.953	2.036E-10				72.125	14.425	9.889E-09	109.264	21.853	3.438E-08
1011	106.984	21.397	3.227E-08	149.646	29.929	8.833E-08	90.114	18.023	1.929E-08	14.117	2.823	7.415E-11				21.992	4.398	2.803E-10	27.548	5.510	5.510E-10
1012	34.582	6.916	1.090E-09	144.758	28.952	7.995E-08	23.676	4.735	3.498E-10	9.723	1.945	2.423E-11				169.052	33.810	1.273E-07	13.974	2.795	7.191E-11
1013	106.079	21.216	3.146E-08	98.428	19.686	2.513E-08	21.581	4.316	2.649E-10	99.801	19.960	2.620E-08				110.648	22.130	3.570E-08	104.390	20.878	2.998E-08
1014	98.970	19.794	2.555E-08	96.368	19.274	2.359E-08	5.282	1.056	3.885E-12	31.025	6.205	7.871E-10				8.482	1.696	1.609E-11	25.693	5.139	4.470E-10
1015	16.132	3.226	1.107E-10	141.732	28.346	7.504E-08	33.033	6.607	9.501E-10	3.986	0.797	1.669E-12				9.446	1.889	2.221E-11	110.026	22.005	3.511E-08
1016	105.483	21.097	3.093E-08	14.472	2.894	7.989E-11	14.083	2.817	7.361E-11	74.365	14.873	1.084E-08				93.400	18.680	2.147E-08	25.017	5.003	4.127E-10
1017	-78.286	0.000	0.000E+00	72.265	14.453	9.947E-09	9.190	1.838	2.046E-11	27.380	5.476	5.410E-10				5.410	1.082	4.173E-12	63.712	12.742	6.816E-09
1018	23.343	4.669	3.352E-11	74.364	14.873	1.084E-08	9.871	1.974	2.535E-11	57.263	11.453	4.949E-09				91.215	18.243	2.000E-08	89.793	17.959	1.908E-08
1019	23.731	4.746	3.523E-10	81.032	16.206	1.402E-08	55.224	11.045	4.439E-09	2.830	0.566	5.975E-13				16.581	3.316	1.202E-10	-43.779	0.000	0.000E+00
1020	9.863	1.973	2.528E-11	60.362	12.072	5.797E-09	108.208	21.642	3.339E-08	11.721	2.344	4.245E-11				117.188	23.438	4.242E-08	8.239	1.648	1.474E-11
1021	87.803	17.561	1.784E-08	33.616	6.723	1.001E-09	18.864	3.773	1.769E-10	25.991	5.198	4.628E-10				30.802	6.160	7.702E-10	99.599	19.920	2.604E-08
1022	11.784	2.357	4.313E-11	-49.212	0.000	0.000E+00	103.267	20.653	2.903E-08	8.753	1.751	1.768E-11				113.338	22.668	3.837E-08	11.884	2.377	4.423E-11
1023	34.561	6.912	1.088E-09	56.420	11.284	4.734E-09	14.738	2.948	8.438E-11	95.105	19.021	2.267E-08				8.999	1.800	1.920E-11	104.548	20.910	3.012E-08
1024	21.402	4.280	2.584E-10	82.763	16.553	1.494E-08	33.974	6.795	1.034E-09	-45.269	0.000	0.000E+00				75.220	15.044	1.122E-08	13.012	2.602	5.806E-11
1025	31.260	6.252	8.051E-10	32.915	6.583	9.399E-10	28.985	5.797	6.418E-10	38.802	7.760	1.540E-09				37.831	7.566	1.427E-09	9.609	1.922	2.338E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-02																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG20	200000	11.4822	SG20			SG20			SG20			SG20			SG20			SG20		
1026	41.751	8.350	1.918E-09	13.052	2.610	5.861E-11	98.302	19.660	2.504E-08	14.696	2.939	8.366E-11				-1.483	0.000	0.000E+00	21.913	4.383	2.773E-10
1027	108.488	21.698	3.365E-08	40.754	8.151	1.784E-09	80.673	16.135	1.384E-08	8.870	1.774	1.839E-11				12.999	2.600	5.790E-11	11.658	2.332	4.176E-11
1028	105.494	21.099	3.094E-08	-60.740	0.000	0.000E+00	-59.280	0.000	0.000E+00	14.069	2.814	7.340E-11				78.098	15.620	1.255E-08	106.470	21.294	3.181E-08
1029	104.277	20.855	2.989E-08	14.815	2.963	8.570E-11	84.261	16.852	1.577E-08	84.697	16.939	1.601E-08				20.472	4.094	2.261E-10	4.776	0.955	2.871E-12
1030	13.651	2.730	6.705E-11	105.040	21.008	3.055E-08	14.606	2.921	8.212E-11	35.409	7.082	1.170E-09				104.271	20.854	2.988E-08	90.596	18.119	1.960E-08
1031	12.870	2.574	5.619E-11	-85.438	0.000	0.000E+00	96.456	19.291	2.365E-08	105.416	21.083	3.088E-08							86.278	17.256	1.693E-08
1032	66.112	13.222	7.616E-09	93.513	18.703	2.155E-08	36.734	7.347	1.306E-09	57.053	11.411	4.895E-09									
1033	28.050	5.610	5.817E-10	98.786	19.757	2.541E-08	113.663	22.733	3.870E-08	29.113	5.823	6.503E-10									
1034	18.615	3.723	1.700E-10	134.189	26.838	6.369E-08	31.048	6.210	7.889E-10	77.448	15.490	1.224E-08									
1035	22.040	4.408	2.822E-10	83.690	16.738	1.545E-08	13.171	2.634	6.023E-11	110.050	22.010	3.513E-08									
1036	54.969	10.994	4.378E-09	93.163	18.633	2.131E-08	7.943	1.589	1.321E-11	3.809	0.762	1.457E-12									
1037	26.432	5.286	4.867E-10	54.771	10.954	4.330E-09	103.216	20.643	2.898E-08	102.832	20.566	2.866E-08									
1038	92.778	18.556	2.105E-08	60.015	12.003	5.697E-09	90.249	18.050	1.937E-08	10.057	2.011	2.681E-11									
1039	61.258	12.252	6.059E-09	108.231	21.646	3.342E-08	3.063	0.613	7.573E-13												
1040	35.182	7.036	1.148E-09	80.535	16.107	1.377E-08	73.649	14.730	1.053E-08												
1041	12.808	2.562	5.537E-11	72.685	14.537	1.012E-08	5.109	1.022	3.515E-12												
1042	9.903	1.981	2.560E-11	107.536	21.507	3.278E-08	89.627	17.925	1.898E-08												
1043	52.497	10.499	3.813E-09	82.208	16.442	1.464E-08	38.813	7.763	1.541E-09												
1044	34.190	6.838	1.053E-09	32.933	6.587	9.414E-10	21.179	4.236	2.504E-10												
1045	6.651	1.330	7.754E-12	70.214	14.043	9.123E-09	11.666	2.333	4.185E-11												
1046	25.973	5.195	4.618E-10	24.190	4.838	3.731E-10	28.996	5.799	6.426E-10												
1047	111.425	22.285	3.646E-08	111.615	22.323	3.665E-08	35.694	7.139	1.199E-09												
1048	99.529	19.906	2.599E-08	25.305	5.061	4.271E-10	102.080	20.416	2.804E-08												
1049	134.699	26.940	6.441E-08	39.688	7.938	1.648E-09	27.254	5.451	5.336E-10												
1050	100.850	20.170	2.703E-08	104.114	20.823	2.974E-08	33.308	6.662	9.739E-10												
1051	5.715	1.143	4.921E-12	7.481	1.496	1.103E-11	52.918	10.584	3.906E-09												
1052				76.503	15.301	1.180E-08	79.519	15.904	1.325E-08												
1053				9.679	1.936	2.390E-11	8.452	1.690	1.591E-11												
1054				20.491	4.098	2.268E-10	57.226	11.445	4.939E-09												
1055				100.345	20.069	2.663E-08	31.291	6.258	8.075E-10												
1056				93.918	18.784	2.183E-08	110.403	22.081	3.547E-08												
1057				144.304	28.861	7.920E-08	23.296	4.659	3.332E-10												
1058				54.684	10.937	4.310E-09	25.907	5.181	4.583E-10												
1059				88.417	17.683	1.822E-08	20.575	4.115	2.296E-10												
1060				10.582	2.116	3.123E-11	35.746	7.149	1.204E-09												
1061				7.753	1.551	1.228E-11	64.677	12.935	7.131E-09												
1062				95.602	19.120	2.303E-08	34.305	6.861	1.064E-09												
1063				100.994	20.199	2.715E-08	24.192	4.838	3.732E-10												
1064				99.378	19.876	2.587E-08	108.596	21.719	3.375E-08												
1065				13.163	2.633	6.011E-11	8.520	1.704	1.630E-11												
1066				48.468	9.694	3.001E-09	5.677	1.135	4.822E-12												
1067				24.820	4.964	4.030E-10	87.921	17.584	1.791E-08												
1068				12.109	2.422	4.679E-11	21.918	4.384	2.775E-10												
1069				34.748	6.950	1.106E-09	15.404	3.081	9.634E-11												
1070				52.134	10.427	3.735E-09															

[illegible]

Flyover 3 - Span 8 (45.00 m) - IG-03
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4		Day 5		Day 6		Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage	Eqv.Stress (MPa)	Damage
Max.	31.764	1.056E-07		30.385	9.242E-08		30.358	9.218E-08		37.872	1.790E-07	33.871	1.280E-07	31.040	9.852E-08	31.771	1.057E-07
Cum.	-	3.230E-06		-	2.637E-06		-	2.966E-06		-	3.875E-06	-	3.109E-06	-	2.577E-06	-	2.948E-06

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
1	89.237	17.847	1.873E-08	6.332	1.266	6.693E-12	88.332	17.666	1.817E-08	27.489	5.498	5.475E-10	83.271	16.654	1.522E-08	17.466	3.493	1.404E-10	30.189	6.038	7.251E-10
2	23.404	4.681	3.379E-10	13.962	2.792	7.174E-11	40.344	8.069	1.731E-09	79.739	15.948	1.336E-08	-0.226	0.000	0.000E+00	29.389	5.878	6.690E-10	18.997	3.799	1.807E-10
3	14.690	2.938	8.355E-11	20.081	4.016	2.134E-10	76.623	15.325	1.186E-08	74.293	14.859	1.081E-08	-71.548	0.000	0.000E+00	17.701	3.540	1.462E-10	61.633	12.327	6.171E-09
4	144.612	28.922	7.971E-08	72.275	14.455	9.951E-09	82.937	16.587	1.504E-08	84.898	16.980	1.613E-08	0.160	0.032	1.072E-16	27.509	5.502	5.487E-10	85.632	17.126	1.655E-08
5	77.360	15.472	1.220E-08	81.123	16.225	1.407E-08	85.858	17.172	1.668E-08	7.666	1.533	1.187E-11	-32.731	0.000	0.000E+00	84.354	16.871	1.582E-08	20.957	4.191	2.426E-10
6	-17.126	0.000	0.000E+00	65.847	13.169	7.525E-09	73.870	14.774	1.062E-08	89.398	17.880	1.883E-08	0.437	0.087	2.195E-15	9.562	1.912	2.305E-11	18.717	3.743	1.728E-10
7	45.691	9.138	2.514E-09	15.304	3.061	9.446E-11	69.646	13.929	8.904E-09	3.252	0.650	9.065E-13	-0.263	0.000	0.000E+00	86.008	17.202	1.677E-08	75.693	15.139	1.143E-08
8	50.306	10.061	3.355E-09	83.872	16.774	1.555E-08	15.436	3.087	9.695E-11	76.850	15.370	1.196E-08	-38.646	0.000	0.000E+00	18.934	3.787	1.789E-10	9.345	1.869	2.151E-11
9	31.159	6.232	7.973E-10	86.034	17.207	1.678E-08	82.960	16.592	1.505E-08	24.757	4.951	3.999E-10	51.427	10.285	3.585E-09	19.979	3.996	2.102E-10	95.354	19.071	2.285E-08
10	79.084	15.817	1.304E-08	86.746	17.349	1.720E-08	-59.010	0.000	0.000E+00	20.047	4.009	2.124E-10	-0.164	0.000	0.000E+00	16.794	3.359	1.248E-10	16.550	3.310	1.195E-10
11	78.661	15.732	1.283E-08	19.365	3.873	1.914E-10	60.045	12.009	5.706E-09	69.051	13.810	8.677E-09	-48.309	0.000	0.000E+00	29.243	5.849	6.591E-10	18.663	3.733	1.713E-10
12	82.681	16.536	1.490E-08	44.643	8.929	2.345E-09	27.196	5.439	5.302E-10	41.539	8.308	1.889E-09	60.312	12.062	5.782E-09	68.734	13.747	8.559E-09	17.385	3.477	1.385E-10
13	51.784	10.357	3.660E-09	68.525	13.705	8.481E-09	5.991	1.198	5.667E-12	-57.616	0.000	0.000E+00	52.148	10.430	3.738E-09	26.858	5.372	5.106E-10	20.752	4.150	2.355E-10
14	4.374	0.875	2.206E-12	29.204	5.841	6.564E-10	68.549	13.710	8.490E-09	-3.433	0.000	0.000E+00	12.068	2.414	4.633E-11	82.843	16.569	1.498E-08	21.100	4.220	2.476E-10
15	87.235	17.447	1.750E-08	19.369	3.874	1.915E-10	84.251	16.850	1.576E-08	82.862	16.572	1.500E-08	75.536	15.107	1.136E-08	87.616	17.523	1.773E-08	1.043	0.209	2.991E-14
16	3.041	0.608	7.409E-13	18.512	3.702	1.672E-10	-1.972	0.000	0.000E+00	44.015	8.803	2.247E-09	46.591	9.318	2.666E-09	82.332	16.466	1.471E-08	18.730	3.746	1.732E-10
17	26.452	5.290	4.878E-10	15.262	3.052	9.369E-11	51.614	10.323	3.624E-09	86.907	17.381	1.730E-08	18.402	3.680	1.642E-10	19.645	3.929	1.998E-10	28.362	5.672	6.013E-10
18	18.225	3.645	1.595E-10	57.255	11.451	4.947E-09	86.706	17.341	1.718E-08	26.151	5.230	4.714E-10	18.820	3.764	1.757E-10	31.777	6.355	8.457E-10	78.912	15.782	1.295E-08
19	158.820	31.764	1.056E-07	21.621	4.324	2.664E-10	20.634	4.127	2.315E-10	28.349	5.670	6.005E-10	19.682	3.936	2.010E-10	53.585	10.717	4.055E-09	-41.314	0.000	0.000E+00
20	100.483	20.097	2.674E-08	9.359	1.872	2.161E-11	18.990	3.798	1.805E-10	88.517	17.703	1.828E-08	87.726	17.545	1.779E-08	85.651	17.130	1.656E-08	51.041	10.208	3.505E-09
21	67.035	13.407	7.940E-09	73.661	14.732	1.053E-08	26.936	5.387	5.151E-10	95.533	19.107	2.298E-08	75.053	15.011	1.114E-08	9.710	1.942	2.413E-11	72.136	14.427	9.894E-09
22	61.265	12.253	6.061E-09	-26.662	0.000	0.000E+00	53.099	10.620	3.946E-09	48.418	9.684	2.992E-09	75.745	15.149	1.145E-08	8.636	1.727	1.698E-11	-86.300	0.000	0.000E+00
23	45.244	9.049	2.441E-09	77.088	15.418	1.207E-08	50.069	10.014	3.308E-09	0.319	0.064	8.570E-16	3.843	0.769	1.495E-12	18.788	3.758	1.748E-10	74.501	14.900	1.090E-08
24	84.835	16.967	1.609E-08	53.555	10.711	4.049E-09	90.443	18.089	1.950E-08	50.937	10.187	3.483E-09	64.979	12.996	7.231E-09	18.297	3.659	1.615E-10	15.976	3.195	1.075E-10
25	17.910	3.582	1.514E-10	18.502	3.700	1.669E-10	28.028	5.606	5.803E-10	18.545	3.709	1.681E-10	88.895	17.779	1.851E-08	87.831	17.566	1.786E-08	3.022	0.604	7.270E-13
26	100.576	20.115	2.681E-08	52.456	10.491	3.804E-09	54.600	10.920	4.290E-09	86.836	17.367	1.726E-08	85.583	17.117	1.652E-08	108.697	21.739	3.385E-08	15.498	3.100	9.810E-11
27	96.502	19.300	2.369E-08	99.431	19.886	2.591E-08	11.667	2.333	4.186E-11	88.233	17.647	1.810E-08	86.918	17.384	1.731E-08	29.741	5.948	6.934E-10	-27.953	0.000	0.000E+00
28	18.608	3.722	1.698E-10	18.569	3.714	1.688E-10	70.970	14.194	9.421E-09	36.189	7.238	1.249E-09	6.595	1.319	7.560E-12	55.883	11.177	4.600E-09	9.800	1.960	2.481E-11
29	24.035	4.807	3.660E-10	10.696	2.139	3.225E-11	18.476	3.695	1.662E-10	4.126	0.825	1.851E-12	15.396	3.079	9.618E-11	19.255	3.851	1.881E-10	78.902	15.780	1.295E-08
30	114.513	22.903	3.958E-08	16.351	3.270	1.152E-10	88.655	17.731	1.837E-08	15.595	3.119	9.996E-11	81.348	16.270	1.419E-08	57.163	11.433	4.923E-09	93.907	18.781	2.183E-08
31	18.035	3.607	1.546E-10	93.971	18.794	2.187E-08	45.749	9.150	2.524E-09	18.658	3.732	1.712E-10	23.020	4.604	3.215E-10	10.928	2.186	3.439E-11	20.654	4.131	2.322E-10
32	87.275	17.455	1.752E-08	84.458	16.892	1.588E-08	-0.322	0.000	0.000E+00	60.844	12.169	5.937E-09	86.291	17.258	1.694E-08	53.550	10.710	4.047E-09	17.766	3.553	1.478E-10
33	79.979	15.996	1.348E-08	12.144	2.429	4.721E-11	56.161	11.232	4.669E-09	37.154	7.431	1.352E-09	18.114	3.623	1.567E-10	85.309	17.062	1.636E-08	19.618	3.924	1.990E-10
34	24.058	4.812	3.670E-10	16.182	3.236	1.117E-10	19.810	3.962	2.049E-10	82.733	16.547	1.493E-08	70.441	14.088	9.212E-09	62.738	12.548	6.508E-09	48.285	9.657	2.967E-09
35	18.531	3.706	1.677E-10	88.259	17.652	1.812E-08	77.644	15.529	1.234E-08	84.477	16.895	1.589E-08	83.880	16.776	1.555E-08	17.850	3.570	1.499E-10	16.796	3.359	1.249E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
36	79.100	15.820	1.304E-08	66.049	13.210	7.594E-09	15.447	3.089	9.714E-11	40.872	8.174	1.800E-09	18.444	3.689	1.654E-10	19.729	3.946	2.024E-10	19.365	3.873	1.914E-10
37	18.338	3.668	1.625E-10	2.685	0.537	5.099E-13	47.344	9.469	2.797E-09	80.481	16.096	1.374E-08	20.000	4.000	2.108E-10	86.824	17.365	1.725E-08	84.454	16.891	1.588E-08
38	15.493	3.099	9.801E-11	79.183	15.837	1.309E-08	-22.704	0.000	0.000E+00	15.991	3.198	1.078E-10	30.290	6.058	7.324E-10	47.727	9.545	2.865E-09	53.036	10.607	3.932E-09
39	87.247	17.449	1.750E-08	68.509	13.702	8.475E-09	18.291	3.658	1.613E-10	77.774	15.555	1.240E-08	88.051	17.610	1.799E-08	68.235	13.647	8.374E-09	17.179	3.436	1.336E-10
40	74.919	14.984	1.108E-08	28.757	5.751	6.268E-10	85.910	17.182	1.671E-08	13.679	2.736	6.746E-11	27.205	5.441	5.307E-10	14.576	2.915	8.162E-11	78.646	15.729	1.282E-08
41	25.601	5.120	4.422E-10	64.682	12.936	7.133E-09	19.239	3.848	1.877E-10	15.343	3.069	9.520E-11	90.361	18.072	1.945E-08	17.050	3.410	1.306E-10	55.025	11.005	4.391E-09
42	80.524	16.105	1.376E-08	19.857	3.971	2.063E-10	0.356	0.071	1.190E-15	10.889	2.178	3.403E-11	86.098	17.220	1.682E-08	59.038	11.808	5.424E-09	17.577	3.515	1.431E-10
43	-54.979	0.000	0.000E+00	87.923	17.585	1.791E-08	86.219	17.244	1.689E-08	43.771	8.754	2.210E-09	18.536	3.707	1.678E-10	24.952	4.990	4.095E-10	87.792	17.558	1.783E-08
44	56.754	11.351	4.818E-09	57.129	11.426	4.914E-08	30.847	6.169	7.737E-10	54.359	10.872	4.233E-09	19.464	3.893	1.943E-10	51.077	10.215	3.512E-09	22.316	4.463	2.929E-10
45	73.203	14.641	1.034E-08	89.629	17.926	1.898E-08	68.436	13.687	8.448E-09	20.036	4.007	2.120E-10	26.829	5.366	5.090E-10	85.104	17.021	1.625E-08	14.354	2.871	7.794E-11
46	65.022	13.004	7.245E-09	7.436	1.487	1.084E-11	8.920	1.784	1.871E-11	-21.525	0.000	0.000E+00	10.151	2.030	2.757E-11	155.198	31.040	9.852E-08	3.276	0.655	9.264E-13
47	58.717	11.743	5.336E-09	40.073	8.015	1.696E-09	85.765	17.153	1.663E-08	90.480	18.096	1.952E-08	63.188	12.638	6.650E-09	22.308	4.462	2.926E-10	43.063	8.613	2.105E-09
48	19.224	3.845	1.872E-10	86.461	17.292	1.704E-08	68.261	13.652	8.383E-09	50.152	10.030	3.325E-09	88.801	17.760	1.846E-08	83.350	16.670	1.526E-08	54.329	10.866	4.227E-09
49	11.560	2.312	4.072E-11	46.307	9.261	2.617E-09	67.479	13.496	8.098E-09	77.097	15.419	1.208E-08	19.870	3.974	2.068E-10	58.030	11.606	5.151E-09	84.840	16.968	1.610E-08
50	85.533	17.107	1.649E-08	8.534	1.707	1.638E-11	10.656	2.131	3.189E-11	19.328	3.866	1.903E-10	86.628	17.326	1.713E-08	90.315	18.063	1.942E-08	21.641	4.328	2.671E-10
51	27.806	5.561	5.666E-10	15.239	3.048	9.327E-11	69.962	13.992	9.025E-09	23.416	4.683	3.384E-10	69.769	13.954	8.951E-09	76.691	15.338	1.189E-08	18.602	3.720	1.697E-10
52	75.603	15.121	1.139E-08	20.132	4.026	2.151E-10	-4.257	0.000	0.000E+00	6.991	1.398	9.007E-12	57.964	11.593	5.133E-09	85.546	17.109	1.650E-08	19.205	3.841	1.867E-10
53	27.002	5.400	5.189E-10	29.220	5.844	6.575E-10	85.286	17.057	1.635E-08	40.643	8.129	1.770E-09	21.925	4.385	2.778E-10	18.600	3.720	1.696E-10	17.444	3.489	1.399E-10
54	84.725	16.945	1.603E-08	39.596	7.919	1.636E-09	78.088	15.618	1.255E-08	64.293	12.859	7.005E-09	77.893	15.579	1.246E-08	53.842	10.768	4.114E-09	53.439	10.688	4.022E-09
55	30.201	6.040	7.260E-10	64.977	12.995	7.231E-09	16.170	3.234	1.114E-10	86.119	17.224	1.683E-08	61.157	12.231	6.029E-09	45.303	9.061	2.451E-09	86.143	17.229	1.685E-08
56	4.883	0.977	3.069E-12	14.530	2.906	8.084E-11	51.731	10.346	3.649E-09	20.727	4.145	2.347E-10	9.133	1.827	2.008E-11	-28.600	0.000	0.000E+00	43.524	8.705	2.173E-09
57	87.305	17.461	1.754E-08	55.739	11.148	4.564E-09	20.505	4.101	2.272E-10	83.982	16.796	1.561E-08	27.783	5.557	5.652E-10	18.109	3.622	1.565E-10	87.045	17.409	1.738E-08
58	14.933	2.987	8.777E-11	12.610	2.522	5.285E-11	31.293	6.259	8.077E-10	18.492	3.698	1.667E-10	43.331	8.666	2.144E-09	52.052	10.410	3.717E-09	19.873	3.975	2.069E-10
59	18.219	3.644	1.594E-10	45.251	9.050	2.442E-09	52.512	10.502	3.817E-09	76.151	15.230	1.164E-08	84.821	16.964	1.608E-08	18.700	3.740	1.723E-10	50.875	10.175	3.471E-09
60	108.213	21.643	3.340E-08	37.457	7.491	1.385E-09	88.464	17.693	1.825E-08	67.358	13.472	8.055E-09	77.634	15.527	1.233E-08	31.922	6.384	8.573E-10	89.270	17.854	1.875E-08
61	20.015	4.003	2.113E-10	48.256	9.651	2.962E-09	19.252	3.850	1.881E-10	50.307	10.061	3.356E-09	13.818	2.764	6.954E-11	33.300	6.660	9.732E-10	18.942	3.788	1.791E-10
62	16.715	3.343	1.231E-10	70.574	14.115	9.265E-09	94.180	18.836	2.202E-08	86.569	17.314	1.710E-08	88.679	17.736	1.838E-08	10.409	2.082	2.973E-11	12.795	2.559	5.521E-11
63	18.225	3.645	1.595E-10	-2.209	0.000	0.000E+00	49.096	9.819	3.119E-09	189.362	37.872	1.790E-07	23.799	4.760	3.553E-10	46.841	9.368	2.709E-09	86.305	17.261	1.694E-08
64	72.062	14.412	9.863E-09	2.418	0.484	3.724E-13	86.109	17.222	1.683E-08	52.325	10.465	3.776E-09	13.867	2.773	7.028E-11	83.523	16.705	1.536E-08	11.426	2.285	3.931E-11
65	57.793	11.559	5.088E-09	19.973	3.995	2.100E-10	88.394	17.679	1.820E-08	62.165	12.433	6.332E-09	18.707	3.741	1.725E-10	90.179	18.036	1.933E-08	29.133	5.827	6.517E-10
66	53.333	10.667	3.998E-09	-2.851	0.000	0.000E+00	44.550	8.910	2.330E-09	74.858	14.972	1.106E-08	76.396	15.279	1.175E-08	15.427	3.085	9.677E-11	28.855	5.771	6.332E-10
67	20.238	4.048	2.185E-10	9.027	1.805	1.939E-11	17.065	3.413	1.310E-10	85.011	17.002	1.619E-08	25.980	5.196	4.622E-10	35.009	7.002	1.131E-09	2.561	0.512	4.429E-13
68	71.677	14.335	9.706E-09	32.156	6.431	8.763E-10	57.124	11.425	4.913E-09	33.342	6.668	9.769E-10	87.260	17.452	1.751E-08	2.876	0.575	6.269E-13	27.647	5.529	5.570E-10
69	19.705	3.941	2.017E-10	20.014	4.003	2.113E-10	15.947	3.189	1.069E-10	72.955	14.591	1.023E-08	41.320	8.264	1.859E-09	15.296	3.059	9.433E-11	67.671	13.534	8.168E-09
70	49.265	9.853	3.151E-09	14.722	2.944	8.410E-11	91.031	18.206	1.988E-08	85.597	17.119	1.653E-08	-32.943	0.000	0.000E+00	6.847	1.369	8.461E-12	19.685	3.937	2.010E-10
71	30.413	6.083	7.415E-10	92.937	18.587	2.116E-08	88.489	17.698	1.826E-08	55.444	11.089	4.492E-09	4.347	0.869	2.165E-12	18.575	3.715	1.689E-10	60.862	12.172	5.942E-09
72	12.285	2.457	4.887E-11	8.978	1.796	1.908E-11	119.382	23.876	4.484E-08	43.908	8.782	2.231E-09	25.830	5.166	4.542E-10	28.702	5.740	6.232E-10	19.953	3.991	2.094E-10
73	76.218	15.244	1.167E-08	72.467	14.493	1.003E-08	89.481	17.896	1.888E-08	18.005	3.601	1.538E-10	75.402	15.080	1.130E-08	18.340	3.668	1.626E-10	109.221	21.844	3.434E-08
74	27.829	5.566	5.681E-10	85.254	17.051	1.633E-08	86.292	17.258	1.694E-08	113.981	22.796	3.903E-08	30.124	6.025	7.205E-10	33.460	6.692	9.873E-10	92.474	18.495	2.084E-08
75	21.458	4.292	2.604E-10	34.325	6.865	1.066E-09	18.818	3.764	1.756E-10	55.364	11.073	4.473E-09	61.306	12.261	6.073E-09	19.668	3.934	2.005E-10	15.559	3.112	9.928E-11
76	29.830	5.966	6.996E-10	50.802	10.160	3.456E-09	75.402	15.080	1.130E-08	27.495	5.499	5.478E-10	29.047	5.809	6.459E-10	2.758	0.552	5.530E-13	16.865	3.373	1.264E-10
77	59.927	11.985	5.672E-09	58.697	11.739	5.330E-09	23.375	4.675	3.366E-10	53.169	10.634	3.961E-09	26.587	5.317	4.454E-10	36.597	7.319	1.292E-09	19.816	3.963	2.051E-10
78	58.886	11.777	5.382E-09	19.676	3.935	2.008E-10	16.613	3.323	1.208E-10	148.754	29.751	8.676E-08	82.475	16.495	1.479E-08	17.860	3.572	1.501E-10	48.804	9.761	3.064E-09
79	87.493	17.499	1.765E-08	84.882	16.976	1.612E-08	18.508	3.702	1.671E-10	82.672	16.534	1.489E-08	50.042	10.008	3.303E-09	30.653	6.131	7.591E-10	69.176	13.835	8.725E-09
80	20.785	4.157	2.367E-10	89.151	17.830	1.868E-08	31.443	6.289	8.194E-10	87.862	17.572	1.788E-08	-14								

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
81	10.706	2.141	3.234E-11	93.662	18.732	2.166E-08	2.891	0.578	6.369E-13	51.502	10.300	3.600E-09	18.052	3.610	1.550E-10	82.967	16.593	1.505E-08	26.924	5.385	5.144E-10
82	17.757	3.551	1.476E-10	87.603	17.521	1.772E-08	79.844	15.969	1.342E-08	3.044	0.609	7.433E-13	10.693	2.139	3.222E-11	1.737	0.347	1.381E-13	17.732	3.546	1.470E-10
83	18.301	3.660	1.616E-10	50.446	10.089	3.384E-09	83.341	16.668	1.526E-08	65.763	13.153	7.496E-09	21.745	4.349	2.710E-10	51.016	10.203	3.500E-09	46.822	9.364	2.705E-09
84	12.285	2.457	4.886E-11	19.070	3.814	1.828E-10	14.473	2.895	7.990E-11	16.642	3.328	1.215E-10	34.308	6.862	1.064E-09	18.894	3.779	1.778E-10	88.706	17.741	1.840E-08
85	89.898	17.980	1.915E-08	65.733	13.147	7.486E-09	33.016	6.603	9.486E-10	80.453	16.091	1.372E-08	42.974	8.595	2.092E-09	18.567	3.713	1.687E-10	53.074	10.615	3.940E-09
86	14.183	2.837	7.520E-11	19.340	3.868	1.907E-10	18.266	3.653	1.606E-10	-28.579	0.000	0.000E+00	21.502	4.300	2.620E-10	71.691	14.338	9.711E-09	24.220	4.844	3.745E-10
87	69.192	13.838	8.731E-09	22.721	4.544	3.091E-10	18.797	3.759	1.750E-10	10.794	2.159	3.315E-11	24.243	4.849	3.755E-10	8.438	1.688	1.584E-11	73.393	14.679	1.042E-08
88	65.023	13.005	7.246E-09	15.675	3.135	1.015E-10	88.091	17.618	1.802E-08	15.427	3.085	9.677E-11	59.404	11.881	5.525E-09	82.731	16.546	1.492E-08	23.994	4.799	3.641E-10
89	-32.277	0.000	0.000E+00	90.992	18.198	1.986E-08	69.209	13.842	8.737E-09	153.917	30.783	9.610E-08	23.458	4.692	3.402E-10	22.478	4.496	2.993E-10	20.659	4.132	2.324E-10
90	87.712	17.542	1.779E-08	27.707	5.541	5.606E-10	55.757	11.151	4.569E-09	85.743	17.149	1.661E-08	48.556	9.711	3.017E-09	83.692	16.738	1.545E-08	56.634	11.327	4.788E-09
91	86.256	17.251	1.691E-08	85.244	17.049	1.633E-08	30.460	6.092	7.449E-10	83.542	16.708	1.537E-08	-49.486	0.000	0.000E+00	23.609	4.722	3.468E-10	27.747	5.549	5.630E-10
92	81.451	16.290	1.424E-08	15.884	3.177	1.056E-10	19.320	3.864	1.901E-10	65.094	13.019	7.270E-09	9.704	1.941	2.408E-11	29.672	5.934	6.885E-10	80.075	16.015	1.353E-08
93	53.822	10.764	4.109E-09	65.701	13.140	7.475E-09	10.915	2.183	3.427E-11	51.751	10.350	3.653E-09	18.731	3.746	1.732E-10	89.106	17.821	1.865E-08	73.909	14.782	1.064E-08
94	0.135	0.027	6.514E-17	80.096	16.019	1.354E-08	75.855	15.171	1.150E-08	28.516	5.703	6.112E-10	19.414	3.883	1.929E-10	20.524	4.105	2.279E-10	37.663	7.533	1.408E-09
95	53.041	10.608	3.933E-09	84.909	16.982	1.613E-08	0.220	0.044	2.795E-16	17.663	3.533	1.452E-10	18.584	3.717	1.692E-10	80.455	16.091	1.373E-08	15.907	3.181	1.061E-10
96	46.000	9.200	2.565E-09	46.389	9.278	2.631E-09	71.857	14.371	9.779E-09	20.804	4.161	2.373E-10	18.308	3.662	1.617E-10	18.638	3.728	1.707E-10	148.129	29.626	8.567E-08
97	16.828	3.366	1.256E-10	27.244	5.449	5.329E-10	50.848	10.170	3.465E-09	53.151	10.630	3.958E-09	36.890	7.378	1.323E-09	18.250	3.650	1.602E-10	10.386	2.077	2.952E-11
98	-23.712	0.000	0.000E+00	31.314	6.263	8.093E-10	65.123	13.025	7.280E-09	86.153	17.231	1.685E-08	-18.205	0.000	0.000E+00	53.248	10.650	3.979E-09	17.893	3.579	1.510E-10
99	53.964	10.793	4.142E-09	17.955	3.591	1.526E-10	49.518	9.904	3.200E-09	24.715	4.943	3.979E-10	36.870	7.374	1.321E-09	21.141	4.228	2.490E-10	86.219	17.244	1.689E-08
100	50.438	10.088	3.382E-09	18.885	3.777	1.775E-10	16.123	3.225	1.105E-10	20.517	4.103	2.276E-10	25.787	5.157	4.519E-10	73.599	14.720	1.051E-08	87.409	17.482	1.760E-08
101	89.591	17.918	1.895E-08	91.076	18.215	1.991E-08	26.289	5.258	4.789E-10	19.204	3.841	1.867E-10	30.152	6.030	7.225E-10	48.069	9.614	2.927E-09	2.444	0.489	3.846E-13
102	34.320	6.864	1.065E-09	18.108	3.622	1.565E-10	35.375	7.075	1.167E-09	85.790	17.158	1.664E-08	47.034	9.407	2.742E-09	7.221	1.444	9.922E-12	82.778	16.556	1.495E-08
103	73.667	14.733	1.054E-08	89.255	17.851	1.874E-08	19.036	3.807	1.818E-10	15.916	3.183	1.063E-10	49.503	9.901	3.197E-09	17.332	3.466	1.372E-10	26.859	5.372	5.107E-10
104	19.741	3.948	2.028E-10	32.915	6.583	9.399E-10	63.587	12.717	7.766E-09	87.822	17.564	1.785E-08	27.710	5.542	5.608E-10	24.151	4.830	3.713E-10	20.458	4.092	2.257E-10
105	5.457	1.091	4.282E-12	19.874	3.975	2.069E-10	-83.220	0.000	0.000E+00	82.458	16.492	1.478E-08	26.621	5.324	4.973E-10	27.622	5.524	5.555E-10	19.162	3.832	1.854E-10
106	18.169	3.634	1.581E-10	71.073	14.215	9.462E-09	53.807	10.761	4.106E-09	25.383	5.077	4.311E-10	30.997	6.199	7.850E-10	86.503	17.301	1.706E-08	147.632	29.526	8.481E-08
107	2.676	0.535	5.051E-13	89.832	17.966	1.911E-08	10.371	2.074	2.940E-11	90.342	18.068	1.943E-08	27.800	5.560	5.663E-10	28.732	5.746	6.251E-10	64.605	12.921	7.107E-09
108	79.517	15.903	1.325E-08	18.345	3.669	1.627E-10	15.483	3.097	9.783E-11	76.754	15.351	1.192E-08	21.277	4.255	2.539E-10	26.714	5.343	5.025E-10	12.743	2.549	5.453E-11
109	3.346	0.669	9.874E-13	44.551	8.910	2.331E-09	26.408	5.282	4.854E-10	87.885	17.577	1.789E-08	6.839	1.368	8.431E-12	2.778	0.556	5.648E-13	21.207	4.241	2.514E-10
110	103.388	20.678	2.913E-08	19.334	3.867	1.905E-10	89.622	17.924	1.897E-08	19.061	3.812	1.825E-10	27.159	5.432	5.280E-10	69.094	13.819	8.694E-09	55.458	11.092	4.496E-09
111	28.160	5.632	5.885E-10	24.965	4.993	4.101E-10	49.230	9.846	3.145E-09	21.251	4.250	2.529E-10	86.927	17.385	1.731E-08	50.314	10.063	3.357E-09	90.118	18.024	1.929E-08
112	36.664	7.333	1.299E-09	10.891	2.178	3.405E-11	80.538	16.108	1.377E-08	34.368	6.874	1.070E-09	19.210	3.842	1.868E-10	33.613	6.723	1.001E-09	75.999	15.200	1.157E-08
113	26.680	5.336	5.005E-10	132.653	26.531	6.152E-08	50.410	10.082	3.376E-09	69.824	13.965	8.972E-09	20.576	4.115	2.296E-10	24.157	4.831	3.716E-10	83.603	16.721	1.540E-08
114	67.937	13.587	8.264E-09	28.379	5.676	6.024E-10	15.821	3.164	1.044E-10	0.197	0.039	2.020E-16	41.223	8.245	1.846E-09	28.733	5.747	6.252E-10	89.832	17.966	1.911E-08
115	20.274	4.055	2.196E-10	85.689	17.138	1.658E-08	17.506	3.501	1.414E-10	15.705	3.141	1.021E-10	24.582	4.916	3.915E-10	45.082	9.016	2.415E-09	13.464	2.693	6.433E-11
116	19.898	3.980	2.076E-10	87.202	17.440	1.748E-08	83.075	16.615	1.511E-08	22.457	4.491	2.985E-10	26.963	5.393	5.167E-10	26.515	5.303	4.913E-10	51.233	10.247	3.544E-09
117	12.886	2.577	5.639E-11	82.078	16.416	1.457E-08	45.038	9.008	2.408E-09	26.625	5.325	4.974E-10	25.341	5.068	4.289E-10	79.674	15.935	1.333E-08	40.653	8.131	1.771E-09
118	22.059	4.412	2.829E-10	69.412	13.882	8.814E-09	14.936	2.987	8.782E-11	14.591	2.918	8.187E-11	27.915	5.583	5.733E-10	89.663	17.933	1.900E-08	52.313	10.463	3.773E-09
119	88.621	17.724	1.834E-08	79.287	15.857	1.314E-08	45.003	9.001	2.402E-09	10.216	2.043	2.810E-11	7.392	1.478	1.065E-11	18.281	3.656	1.610E-10	19.765	3.953	2.035E-10
120	31.254	6.251	8.047E-10	-86.575	0.000	0.000E+00	55.641	11.128	4.540E-09	-16.808	0.000	0.000E+00	-14.877	0.000	0.000E+00	49.632	9.926	3.222E-09	18.476	3.695	1.662E-10
121	-22.902	0.000	0.000E+00	84.644	16.929	1.598E-08	10.891	2.178	3.405E-11	73.250	14.650	1.036E-08	29.289	5.858	6.622E-10	45.343	9.069	2.457E-09	17.300	3.460	1.365E-10
122	42.038	8.408	1.958E-09	9.787	1.957	2.470E-11	12.696	2.539	5.394E-11	11.932	2.386	4.478E-11	28.343	5.669	6.001E-10	26.400	5.280	4.849E-10	19.268	3.854	1.885E-10
123	57.123	11.425	4.913E-09	27.928	5.586	5.741E-10	51.963	10.393	3.698E-09	26.308	5.262	4.799E-10	26.599	5.320	4.960E-10	78.250	15.650	1.263E-08	37.407	7.481	1.380E-09
124	61.059	12.212	6.000E-09	65.728	13.146	7.484E-09	85.884	17.177	1.670E-08	45.819	9.164	2.535E-09	50.913	10.183	3.478E-09	34.240	6.848	1.058E-09	22.306	4.461	2.925E-10
125	19.529	3.906	1.963E-10	27.455	5.491	5.455E-10	86.155	17.231	1.685E-08	21.339	4.268	2.561E-10	27.408	5.482	5.426E-10	18.328	3.666	1.623E-10	27.736	5.5	

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
126	27.681	5.536	5.590E-10	17.097	3.419	1.317E-10	26.772	5.354	5.057E-10	15.795	3.159	1.039E-10	-23.055	0.000	0.000E+00	-29.342	0.000	0.000E+00	12.881	2.576	5.633E-11
127	31.197	6.239	8.002E-10	30.337	6.067	7.359E-10	30.388	6.078	7.396E-10	65.320	13.064	7.346E-09	60.751	12.150	5.910E-09	31.791	6.358	8.468E-10	43.251	8.650	2.132E-09
128	46.078	9.216	2.579E-09	31.428	6.286	8.182E-10	21.163	4.233	2.498E-10	110.754	22.151	3.581E-08	27.553	5.511	5.513E-10	37.164	7.433	1.353E-09	-14.663	0.000	0.000E+00
129	31.209	6.242	8.012E-10	20.340	4.068	2.218E-10	52.016	10.403	3.709E-09	51.763	10.353	3.655E-09	33.865	6.773	1.024E-09	32.494	6.499	9.043E-10	25.670	5.134	4.458E-10
130	24.905	4.981	4.071E-10	19.190	3.838	1.863E-10	20.845	4.169	2.387E-10	24.711	4.942	3.977E-10	29.832	5.966	6.997E-10	9.535	1.907	2.284E-11	45.467	9.093	2.477E-09
131	81.563	16.313	1.430E-08	29.527	5.905	6.785E-10	70.126	14.025	9.089E-09	86.388	17.278	1.699E-08	34.605	6.921	1.092E-09	21.372	4.274	2.573E-10	78.162	15.632	1.259E-08
132	29.257	5.851	6.600E-10	73.572	14.714	1.050E-08	23.482	4.696	3.413E-10	49.832	9.966	3.261E-09	25.003	5.001	4.120E-10	31.640	6.328	8.349E-10	74.377	14.875	1.084E-08
133	36.645	7.329	1.297E-09	25.282	5.056	4.259E-10	84.622	16.924	1.597E-08	22.194	4.439	2.882E-10	27.503	5.501	5.483E-10	19.589	3.918	1.981E-10	10.330	2.066	2.905E-11
134	85.063	17.013	1.622E-08	47.249	9.450	2.780E-09	15.495	3.099	9.806E-11	50.064	10.013	3.307E-09	26.657	5.331	4.992E-10	26.196	5.239	4.738E-10	22.231	4.446	2.896E-10
135	86.451	17.290	1.703E-08	53.684	10.737	4.078E-09	86.179	17.236	1.687E-08	23.175	4.635	3.281E-10	23.146	4.629	3.268E-10	18.173	3.635	1.582E-10	51.617	10.323	3.625E-09
136	49.909	9.982	3.277E-09	10.223	2.045	2.816E-11	52.039	10.408	3.714E-09	23.794	4.759	3.551E-10	12.083	2.417	4.650E-11	26.576	5.315	4.947E-10	20.109	4.022	2.143E-10
137	4.801	0.960	2.917E-12	37.616	7.523	1.403E-09	19.472	3.894	1.946E-10	10.648	2.130	3.182E-11	21.431	4.286	2.594E-10	29.489	5.898	6.759E-10	68.137	13.627	8.338E-09
138	20.152	4.030	2.157E-10	7.498	1.500	1.111E-11	50.261	10.052	3.347E-09	81.343	16.269	1.419E-08	26.926	5.385	5.145E-10	23.933	4.787	3.613E-10	41.042	8.208	1.822E-09
139	29.545	5.909	6.798E-10	-14.725	0.000	0.000E+00	60.807	12.161	5.926E-09	20.042	4.008	2.122E-10	28.709	5.742	6.236E-10	-6.972	0.000	0.000E+00	28.710	5.742	6.237E-10
140	9.978	1.996	2.619E-11	15.035	3.007	8.958E-11	-19.561	0.000	0.000E+00	29.260	5.852	6.603E-10	4.218	0.844	1.978E-12	25.811	5.162	4.532E-10	25.642	5.128	4.444E-10
141	34.530	6.906	1.085E-09	45.801	9.160	2.532E-09	10.455	2.091	3.012E-11	44.264	8.853	2.286E-09	24.596	4.919	3.922E-10	20.990	4.198	2.437E-10	18.523	3.705	1.675E-10
142	23.810	4.762	3.558E-10	75.224	15.045	1.122E-08	26.836	5.367	5.094E-10	31.122	6.224	7.945E-10	18.273	3.655	1.608E-10	18.441	3.688	1.653E-10	79.535	15.907	1.326E-08
143	7.568	1.514	1.143E-11	46.091	9.218	2.581E-09	-5.043	0.000	0.000E+00	79.765	15.953	1.338E-08	25.442	5.088	4.341E-10	19.650	3.930	2.000E-10	23.257	4.651	3.316E-10
144	51.856	10.371	3.675E-09	49.634	9.927	3.223E-09	35.946	7.189	1.224E-09	19.881	3.976	2.071E-10	42.336	8.467	2.000E-09	81.860	16.372	1.446E-08	6.066	1.213	5.883E-12
145	60.815	12.163	5.928E-09	2.526	0.505	4.250E-13	8.115	1.623	1.409E-11	28.650	5.730	6.198E-10	-23.518	0.000	0.000E+00	30.144	6.029	7.220E-10	22.101	4.420	2.845E-10
146	34.089	6.818	1.044E-09	-3.384	0.000	0.000E+00	23.104	4.621	3.251E-10	-0.397	0.000	0.000E+00	24.895	4.979	4.067E-10	25.932	5.186	4.596E-10	28.080	5.616	5.836E-10
147	-28.631	0.000	0.000E+00	25.488	5.098	4.364E-10	83.311	16.662	1.524E-08	19.188	3.838	1.862E-10	26.807	5.361	5.077E-10	-21.050	0.000	0.000E+00	14.356	2.871	7.798E-11
148	20.974	4.195	2.432E-10	42.396	8.479	2.008E-09	29.952	5.990	7.082E-10	29.255	5.851	6.599E-10	84.810	16.962	1.608E-08	27.436	5.487	5.443E-10	25.403	5.081	4.321E-10
149	64.100	12.820	6.942E-09	17.356	3.471	1.378E-10	45.238	9.048	2.440E-09	2.761	0.552	5.549E-13	29.166	5.833	6.539E-10	24.576	4.915	3.912E-10	26.389	5.278	4.843E-10
150	29.463	5.893	6.741E-10	44.936	8.987	2.391E-09	26.423	5.285	4.862E-10	17.206	3.441	1.342E-10	27.222	5.444	5.317E-10	-6.269	0.000	0.000E+00	11.211	2.242	3.714E-11
151	14.034	2.807	7.285E-11	34.755	6.951	1.107E-09	29.019	5.804	6.441E-10	30.665	6.133	7.600E-10	9.479	1.896	2.245E-11	22.370	4.474	2.950E-10	26.819	5.364	5.084E-10
152	20.650	4.130	2.321E-10	38.818	7.764	1.542E-09	23.328	4.666	3.346E-10	40.822	8.164	1.793E-09	27.659	5.532	5.577E-10	25.181	5.036	4.208E-10	12.506	2.501	5.155E-11
153	-15.255	0.000	0.000E+00	26.936	5.387	5.151E-10	22.838	4.568	3.140E-10	-11.956	0.000	0.000E+00	31.796	6.359	8.472E-10	148.991	29.798	8.717E-08	18.584	3.717	1.692E-10
154	30.016	6.003	7.128E-10	23.899	4.780	3.598E-10	18.941	3.788	1.791E-10	18.600	3.720	1.696E-10	23.787	4.757	3.547E-10	17.360	3.472	1.379E-10	18.201	3.640	1.589E-10
155	1.620	0.324	1.120E-13	26.023	5.205	4.645E-10	24.380	4.876	3.819E-10	59.711	11.942	5.611E-09	64.844	12.969	7.186E-09	25.540	5.108	4.391E-10	83.956	16.791	1.560E-08
156	25.760	5.152	4.505E-10	49.512	9.902	3.199E-09	30.932	6.186	7.800E-10	28.515	5.703	6.111E-10	26.471	5.294	4.889E-10	-11.814	0.000	0.000E+00	57.816	11.563	5.094E-09
157	27.225	5.445	5.318E-10	-34.789	0.000	0.000E+00	26.830	5.366	5.090E-10	28.928	5.786	6.380E-10	27.893	5.579	5.720E-10	30.499	6.100	7.478E-10	10.400	2.080	2.965E-11
158	23.872	4.774	3.586E-10	76.380	15.276	1.174E-08	53.226	10.645	3.974E-09	44.501	8.900	2.323E-09	27.317	5.463	5.373E-10	23.661	4.732	3.492E-10	35.060	7.012	1.136E-09
159	42.449	8.490	2.016E-09	20.667	4.133	2.326E-10	17.242	3.448	1.351E-10	21.282	4.256	2.540E-10	29.207	5.841	6.567E-10	28.223	5.645	5.925E-10	26.860	5.372	5.108E-10
160	28.626	5.725	6.183E-10	29.580	5.916	6.822E-10	18.068	3.614	1.555E-10	21.864	4.373	2.755E-10	49.143	9.829	3.128E-09	25.851	5.170	4.553E-10	31.867	6.373	8.529E-10
161	24.656	4.931	3.950E-10	23.252	4.650	3.314E-10	45.890	9.178	2.547E-09	27.070	5.414	5.228E-10	21.798	4.360	2.730E-10	20.793	4.159	2.369E-10	24.533	4.907	3.892E-10
162	54.916	10.983	4.365E-09	22.977	4.595	3.197E-10	35.194	7.039	1.149E-09	-22.267	0.000	0.000E+00	23.459	4.692	3.403E-10	41.770	8.354	1.921E-09	26.814	5.363	5.081E-10
163	21.707	4.341	2.696E-10	38.340	7.668	1.485E-09	30.373	6.075	7.385E-10	28.310	5.662	5.980E-10	-24.320	0.000	0.000E+00	21.640	4.328	2.671E-10	28.388	5.678	6.029E-10
164	92.438	18.488	2.082E-08	43.587	8.717	2.183E-09	28.113	5.623	5.856E-10	33.721	6.744	1.011E-09	26.874	5.375	5.115E-10	22.841	4.568	3.141E-10	51.058	10.212	3.508E-09
165	85.275	17.055	1.634E-08	29.262	5.852	6.604E-10	22.944	4.589	3.183E-10	21.532	4.306	2.631E-10	16.236	3.247	1.128E-10	21.108	4.222	2.479E-10	14.037	2.807	7.290E-11
166	31.210	6.242	8.012E-10	15.847	3.169	1.049E-10	19.437	3.887	1.935E-10	45.351	9.070	2.458E-09	87.543	17.509	1.768E-08	37.626	7.525	1.404E-09	66.965	13.393	7.915E-09
167	36.843	7.369	1.318E-09	21.163	4.233	2.498E-10	74.482	14.896	1.089E-08	-24.143	0.000	0.000E+00	25.984	5.197	4.624E-10	26.219	5.244	4.751E-10	-75.417	0.000	0.000E+00
168	26.252	5.250	4.769E-10	21.131	4.226	2.487E-10	82.090	16.418	1.458E-08	25.310	5.062	4.273E-10	24.945	4.989	4.091E-10	35.058	7.012	1.136E-09	20.425	4.085	2.246E-10
169	13.316	2.663	6.223E-11	16.999	3.400	1.295E-10	26.578	5.316	4.948E-10	15.882	3.176	1.056E-10	26.618	5.324	4.971E-10	33.481	6.696	9.892E-10	29.104	5.821	6.498E-10
170	36.959	7.392	1.331E-09	25.616	5.123	4.430E-10	4.469	0.894	2.352E-12	37.306	7.461	1.368E-09	28.269	5.654	5.954E-10	24.110	4.822	3.694E-10	2		

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
171	11.441	2.288	3.947E-11	29.569	5.914	6.814E-10	20.944	4.189	2.421E-10	30.061	6.012	7.160E-10	16.094	3.219	1.099E-10	84.850	16.970	1.610E-08	86.500	17.300	1.706E-08
172	-5.863	0.000	0.000E+00	23.023	4.605	3.217E-10	21.762	4.352	2.717E-10	29.147	5.829	6.526E-10	48.166	9.633	2.945E-09	32.875	6.575	9.364E-10	-21.628	0.000	0.000E+00
173	35.897	7.179	1.219E-09	17.521	3.504	1.418E-10	10.151	2.030	2.757E-11	50.106	10.021	3.316E-09	15.600	3.120	1.001E-10	24.455	4.891	3.855E-10	49.030	9.806	3.107E-09
174	126.191	25.238	5.296E-08	27.237	5.447	5.326E-10	13.902	2.780	7.081E-11	37.233	7.447	1.360E-09	20.071	4.014	2.131E-10	-5.465	0.000	0.000E+00	26.504	5.301	4.907E-10
175	26.185	5.237	4.732E-10	18.930	3.786	1.788E-10	-17.758	0.000	0.000E+00	26.181	5.236	4.730E-10	10.018	2.004	2.650E-11	24.136	4.827	3.706E-10	28.947	5.789	6.393E-10
176	26.487	5.297	4.897E-10	39.498	7.900	1.624E-09	53.896	10.779	4.126E-09	34.167	6.833	1.051E-09	26.349	5.270	4.821E-10	30.396	6.079	7.402E-10	12.916	2.583	5.678E-11
177	27.116	5.423	5.255E-10	21.407	4.281	2.586E-10	30.952	6.190	7.816E-10	26.677	5.335	5.004E-10	27.127	5.425	5.261E-10	23.093	4.619	3.246E-10	19.302	3.860	1.895E-10
178	19.088	3.818	1.833E-10	21.800	4.360	2.731E-10	35.192	7.038	1.149E-09	45.762	9.152	2.526E-09	25.762	5.152	4.507E-10	19.488	3.898	1.951E-10	4.070	0.814	1.777E-12
179	-5.907	0.000	0.000E+00	47.706	9.541	2.862E-09	27.570	5.514	5.523E-10	4.900	0.980	3.101E-12	28.355	5.671	6.008E-10	31.020	6.204	7.867E-10	26.708	5.342	5.022E-10
180	30.062	6.012	7.160E-10	50.868	10.174	3.469E-09	-13.359	0.000	0.000E+00	-13.044	0.000	0.000E+00	-19.551	0.000	0.000E+00	13.684	2.737	6.754E-11	23.507	4.701	3.424E-10
181	48.796	9.759	3.062E-09	14.055	2.811	7.318E-11	9.069	1.814	1.966E-11	4.362	0.872	2.188E-12	28.992	5.798	6.422E-10	23.032	4.606	3.220E-10	17.873	3.575	1.505E-10
182	24.499	4.900	3.876E-10	26.194	5.239	4.737E-10	18.864	3.773	1.769E-10	16.708	3.342	1.229E-10	151.909	30.382	9.239E-08	31.836	6.367	8.505E-10	-33.955	0.000	0.000E+00
183	20.808	4.162	2.375E-10	51.231	10.246	3.544E-09	52.127	10.425	3.733E-09	51.036	10.207	3.504E-09	88.558	17.712	1.831E-08	142.522	28.504	7.630E-08	39.928	7.986	1.678E-09
184	26.845	5.369	5.099E-10	14.600	2.920	8.203E-11	29.497	5.899	6.765E-10	32.520	6.504	9.064E-10	6.441	1.288	7.044E-12	28.341	5.668	6.000E-10	-15.223	0.000	0.000E+00
185	26.728	5.346	5.033E-10	30.067	6.013	7.164E-10	13.622	2.724	6.661E-11	31.756	6.351	8.440E-10	30.553	6.111	7.517E-10	17.517	3.503	1.417E-10	26.300	5.260	4.795E-10
186	9.410	1.882	2.196E-11	39.645	7.929	2.196E-11	26.776	5.355	5.060E-10	8.249	1.650	1.479E-11	19.833	3.967	2.056E-10	-22.485	0.000	0.000E+00	11.769	2.354	4.297E-11
187	17.281	3.456	1.360E-10	5.522	1.104	4.437E-12	-5.039	0.000	0.000E+00	28.308	5.662	5.979E-10	-8.756	0.000	0.000E+00	19.894	3.979	2.075E-10	25.692	5.138	4.470E-10
188	17.291	3.458	1.362E-10	30.348	6.070	7.367E-10	34.683	6.937	1.100E-09	26.091	5.218	4.681E-10	22.913	4.583	3.171E-10	28.985	5.797	6.418E-10	24.403	4.881	3.830E-10
189	-9.678	0.000	0.000E+00	44.078	8.816	2.257E-09	24.680	4.936	3.962E-10	20.257	4.051	2.191E-10	14.201	2.840	7.548E-11	8.011	1.602	1.355E-11	20.679	4.136	2.331E-10
190	12.242	2.448	4.835E-11	-24.860	0.000	0.000E+00	33.652	6.730	1.004E-09	88.153	17.631	1.806E-08	32.794	6.559	9.296E-10	25.508	5.102	4.374E-10	28.584	5.717	6.155E-10
191	-7.611	0.000	0.000E+00	9.776	1.955	2.462E-11	26.033	5.207	4.650E-10	23.332	4.666	3.348E-10	21.459	4.292	2.604E-10	-21.237	0.000	0.000E+00	24.346	4.869	3.803E-10
192	31.121	6.224	7.944E-10	36.685	7.337	1.301E-09	16.849	3.370	1.261E-10	34.569	6.914	1.089E-09	23.824	4.765	3.564E-10	13.030	2.606	5.830E-11	30.479	6.096	7.462E-10
193	23.347	4.669	3.354E-10	-12.461	0.000	0.000E+00	36.208	7.242	1.251E-09	28.169	5.634	5.891E-10	79.612	15.922	1.330E-08	26.108	5.222	4.691E-10	34.931	6.986	1.123E-09
194	52.245	10.449	3.758E-09	10.669	2.134	3.201E-11	24.945	4.989	4.091E-10	16.908	3.382	1.274E-10	24.259	4.852	3.763E-10	15.746	3.149	1.029E-10	12.994	2.599	5.783E-11
195	32.229	6.446	8.823E-10	25.028	5.006	4.132E-10	21.097	4.219	2.475E-10	21.510	4.302	2.623E-10	24.039	4.808	3.662E-10	26.802	5.360	5.074E-10	-7.081	0.000	0.000E+00
196	17.113	3.423	1.321E-10	14.476	2.895	7.995E-11	-22.110	0.000	0.000E+00	171.568	34.314	1.331E-07	27.415	5.483	5.431E-10	17.529	3.506	1.420E-10	30.392	6.078	7.399E-10
197	15.115	3.023	9.102E-11	31.722	6.344	8.413E-10	80.807	16.161	1.391E-08	-170.484	0.000	0.000E+00	25.321	5.064	4.279E-10	28.177	5.635	5.896E-10	6.537	1.307	7.364E-12
198	29.404	5.881	6.701E-10	26.364	5.273	4.830E-10	24.353	4.871	3.807E-10	-34.065	0.000	0.000E+00	27.534	5.507	5.502E-10	9.912	1.982	2.567E-11	11.483	2.297	3.991E-11
199	26.590	5.318	4.955E-10	26.108	5.222	4.690E-10	22.493	4.499	2.999E-10	-17.818	0.000	0.000E+00	82.527	16.505	1.481E-08	19.422	3.884	1.931E-10	-27.354	0.000	0.000E+00
200	30.220	6.044	7.274E-10	25.266	5.053	4.251E-10	26.116	5.223	4.695E-10	11.606	2.321	4.121E-11	79.884	15.977	1.344E-08	32.652	6.530	9.175E-10	15.224	3.045	9.301E-11
201	-3.149	0.000	0.000E+00	24.193	4.839	3.732E-10	27.845	5.569	5.691E-10	4.445	0.889	2.315E-12	23.535	4.707	3.436E-10	-10.975	0.000	0.000E+00	-19.569	0.000	0.000E+00
202	24.439	4.888	3.847E-10	29.297	5.859	6.627E-10	22.990	4.598	3.203E-10	27.179	5.436	5.292E-10	84.657	16.931	1.599E-08	-16.407	0.000	0.000E+00	12.225	2.445	4.815E-11
203	30.962	6.192	7.823E-10	26.049	5.210	4.659E-10	29.208	5.842	6.568E-10	22.781	4.556	3.116E-10	50.284	10.057	3.351E-09	19.708	3.942	2.018E-10	28.496	5.699	6.099E-10
204	19.653	3.931	2.001E-10	-19.937	0.000	0.000E+00	40.178	8.036	1.709E-09	25.249	5.050	4.242E-10	28.204	5.641	5.913E-10	31.746	6.349	8.433E-10	32.330	6.466	8.906E-10
205	28.811	5.762	6.303E-10	12.819	2.564	5.552E-11	9.503	1.901	2.262E-11	28.802	5.760	6.297E-10	16.759	3.352	1.241E-10	23.237	4.647	3.307E-10	-43.063	0.000	0.000E+00
206	21.079	4.216	2.468E-10	33.752	6.750	1.013E-09	21.488	4.298	2.615E-10	55.768	11.154	4.571E-09	-25.927	0.000	0.000E+00	-5.420	0.000	0.000E+00	20.587	4.117	2.300E-10
207	32.415	6.483	8.977E-10	-18.420	0.000	0.000E+00	25.036	5.007	4.136E-10	14.377	2.875	7.832E-11	86.048	17.210	1.679E-08	18.824	3.765	1.758E-10	23.236	4.647	3.307E-10
208	30.372	6.074	7.385E-10	35.014	7.003	1.131E-09	34.475	6.895	1.080E-09	32.390	6.478	8.956E-10	80.590	16.118	1.380E-08	27.901	5.580	5.725E-10	21.178	4.236	2.503E-10
209	26.603	5.321	4.962E-10	31.499	6.300	8.237E-10	16.210	3.242	1.123E-10	31.284	6.257	8.070E-10	77.768	15.554	1.240E-08	30.141	6.028	7.217E-10	24.398	4.880	3.828E-10
210	38.658	7.732	1.523E-09	27.089	5.418	5.239E-10	30.692	6.138	7.620E-10	27.490	5.498	5.475E-10	83.453	16.691	1.532E-08	24.553	4.911	3.901E-10	29.184	5.837	6.551E-10
211	34.574	6.915	1.089E-09	22.847	4.569	3.143E-10	12.059	2.412	4.621E-11	30.006	6.001	7.120E-10	6.312	1.262	6.627E-12	27.216	5.443	5.313E-10	9.177	1.835	2.037E-11
212	18.430	3.686	1.650E-10	15.597	3.119	1.000E-10	22.805	4.561	3.126E-10	29.441	5.888	6.726E-10	22.996	4.599	3.205E-10	28.755	5.751	6.267E-10	33.612	6.722	1.001E-09
213	17.799	3.560	1.486E-10	19.780	3.956	2.040E-10	26.854	5.371	5.104E-10	17.624	3.525	1.443E-10	82.740	16.548	1.493E-08	24.799	4.960	4.020E-10	8.123	1.625	1.413E-11
214	34.922	6.984	1.122E-09	21.284	4.257	2.541E-10	23.510	4.702	3.425E-10	30.037	6.007	7.143E-10	24.071	4.814	3.676E-10	20.634	4.127	2.315E-10	23.254	4.651	3.314E-10
215	-5.733	0.000	0.000E+00	28.392	5.678	6.032E-10	28.715	5.743	6.241E-10	84.757	16.951	1.605E-08	27.612	5.522	5.549E-10	32.855	6.571	9.348E-10	-20.900	0.000	0.00

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
216	15.122	3.024	9.114E-11	31.106	6.221	7.933E-10	31.915	6.383	8.568E-10	16.931	3.386	1.279E-10	52.769	10.554	3.873E-09	4.197	0.839	1.948E-12	24.934	4.987	4.086E-10
217	22.941	4.588	3.182E-10	28.341	5.668	6.000E-10	-22.422	0.000	0.000E+00	26.074	5.215	4.672E-10	13.778	2.756	6.894E-11	18.752	3.750	1.738E-10	15.089	3.018	9.054E-11
218	-22.503	0.000	0.000E+00	32.820	6.564	9.318E-10	24.727	4.945	3.985E-10	83.918	16.784	1.558E-08	24.886	4.977	4.062E-10	30.838	6.168	7.730E-10	24.769	4.954	4.005E-10
219	47.863	9.573	2.890E-09	33.085	6.617	9.545E-10	2.618	0.524	4.729E-13	25.369	5.074	4.303E-10	27.332	5.466	5.381E-10	23.836	4.767	3.570E-10	15.888	3.178	1.057E-10
220	24.256	4.851	3.761E-10	-5.855	0.000	0.000E+00	29.068	5.814	6.473E-10	46.835	9.367	2.708E-09	35.453	7.091	1.174E-09	22.109	4.422	2.848E-10	29.468	5.894	6.744E-10
221	19.876	3.975	2.069E-10	20.840	4.168	2.386E-10	8.388	1.678	1.555E-11	-12.511	0.000	0.000E+00	28.780	5.756	6.283E-10	16.892	3.378	1.270E-10	5.990	1.198	5.665E-12
222	25.611	5.122	4.428E-10	15.522	3.104	9.857E-11	24.746	4.949	3.994E-10	27.919	5.584	5.736E-10	24.533	4.907	3.892E-10	16.263	3.253	1.134E-10	31.163	6.233	7.976E-10
223	31.499	6.300	8.237E-10	26.622	5.324	4.973E-10	21.576	4.315	2.647E-10	31.810	6.362	8.483E-10	23.606	4.721	3.467E-10	19.732	3.946	2.025E-10	24.560	4.912	3.904E-10
224	26.443	5.289	4.873E-10	23.684	4.737	3.501E-10	-21.685	0.000	0.000E+00	46.557	9.311	2.606E-09	20.547	4.109	2.286E-10	29.010	5.802	6.435E-10	19.173	3.835	1.858E-10
225	27.054	5.411	5.219E-10	21.220	4.244	2.519E-10	24.587	4.917	3.917E-10	18.956	3.791	1.795E-10	25.369	5.074	4.303E-10	-8.251	0.000	0.000E+00	28.469	5.694	6.082E-10
226	24.839	4.968	4.039E-10	24.292	4.858	3.778E-10	33.064	6.613	9.527E-10	27.597	5.519	5.540E-10	88.271	17.654	1.813E-08	24.812	4.962	4.026E-10	21.961	4.392	2.791E-10
227	21.235	4.247	2.524E-10	22.848	4.570	3.144E-10	5.350	1.070	4.036E-12	21.404	4.281	2.584E-10	26.256	5.251	4.770E-10	24.069	4.814	3.675E-10	22.720	4.544	3.091E-10
228	27.593	5.519	5.537E-10	28.819	5.764	6.308E-10	32.744	6.549	9.253E-10	26.962	5.392	5.166E-10	28.061	5.612	5.824E-10	11.190	2.238	3.693E-11	26.468	5.294	4.887E-10
229	25.510	5.102	4.376E-10	19.552	3.910	1.970E-10	36.215	7.243	1.252E-09	28.877	5.775	6.346E-10	22.943	4.589	3.183E-10	4.381	0.876	2.216E-12	18.131	3.626	1.571E-10
230	20.827	4.165	2.381E-10	24.292	4.858	3.778E-10	29.901	5.980	7.046E-10	23.171	4.634	3.279E-10	22.169	4.434	2.872E-10	5.911	1.182	5.445E-12	9.770	1.954	2.458E-11
231	14.412	2.882	7.889E-11	-25.014	0.000	0.000E+00	-12.404	0.000	0.000E+00	29.458	5.892	6.738E-10	-27.943	0.000	0.000E+00	-12.370	0.000	0.000E+00	26.832	5.366	5.092E-10
232	25.402	5.080	4.320E-10	31.736	6.347	8.425E-10	27.301	5.460	5.363E-10	29.817	5.963	6.987E-10	-20.193	0.000	0.000E+00	28.511	5.702	6.109E-10	14.714	2.943	8.397E-11
233	13.041	2.608	5.846E-11	9.780	1.956	2.465E-11	28.938	5.788	6.387E-10	52.545	10.509	3.824E-09	20.900	4.180	2.406E-10	29.746	5.949	6.937E-10	-25.814	0.000	0.000E+00
234	28.879	5.776	6.348E-10	21.182	4.236	2.505E-10	33.103	6.621	9.561E-10	79.192	15.838	1.309E-08	28.399	5.680	6.037E-10	31.510	6.302	8.246E-10	-18.996	0.000	0.000E+00
235	33.863	6.773	1.023E-09	4.875	0.975	3.054E-12	26.130	5.226	4.702E-10	28.177	5.635	5.896E-10	28.059	5.612	5.823E-10	21.579	4.316	2.649E-10	24.779	4.956	4.010E-10
236	15.541	3.108	9.892E-11	28.763	5.753	6.272E-10	26.995	5.399	5.185E-10	27.131	5.426	5.264E-10	60.582	12.116	5.860E-09	-5.863	0.000	0.000E+00	32.591	6.518	9.124E-10
237	-21.646	0.000	0.000E+00	24.895	4.979	4.067E-10	-16.570	0.000	0.000E+00	27.282	5.456	5.352E-10	29.692	5.938	6.899E-10	27.512	5.502	5.489E-10	35.037	7.007	1.134E-09
238	28.652	5.730	6.200E-10	29.321	5.864	6.644E-10	18.500	3.700	1.669E-10	19.447	3.889	1.938E-10	30.680	6.136	7.611E-10	36.914	7.383	1.326E-09	25.577	5.115	4.410E-10
239	10.509	2.102	3.059E-11	32.588	6.518	9.121E-10	29.681	5.936	6.891E-10	27.390	5.478	5.416E-10	25.190	5.038	4.213E-10	32.166	6.433	8.772E-10	21.568	4.314	2.644E-10
240	22.313	4.463	2.928E-10	20.947	4.189	2.423E-10	25.388	5.078	4.313E-10	24.808	4.962	4.024E-10	54.108	10.822	4.175E-09	31.452	6.290	8.200E-10	24.730	4.946	3.986E-10
241	28.208	5.642	5.916E-10	28.551	5.710	6.134E-10	28.166	5.633	5.890E-10	10.730	2.146	3.256E-11	15.798	3.160	1.039E-10	29.320	5.864	6.643E-10	22.847	4.569	3.143E-10
242	30.673	6.135	7.606E-10	23.821	4.764	3.563E-10	33.349	6.670	9.776E-10	20.543	4.109	2.285E-10	15.641	3.128	1.009E-10	21.549	4.310	2.637E-10	11.125	2.225	3.629E-11
243	17.925	3.585	1.518E-10	25.841	5.168	4.548E-10	31.625	6.325	8.337E-10	28.392	5.678	6.032E-10	5.266	1.053	3.848E-12	31.144	6.229	7.962E-10	-25.979	0.000	0.000E+00
244	36.948	7.390	1.329E-09	29.014	5.803	6.438E-10	6.736	1.347	8.055E-12	-29.945	0.000	0.000E+00	32.365	6.473	8.936E-10	8.799	1.760	1.796E-11	12.596	2.519	5.267E-11
245	32.380	6.476	8.948E-10	-5.840	0.000	0.000E+00	11.687	2.337	4.208E-11	16.340	3.268	1.150E-10	-6.644	0.000	0.000E+00	27.636	5.527	5.563E-10	23.458	4.692	3.402E-10
246	14.115	2.823	7.411E-11	23.385	4.677	3.371E-10	28.958	5.792	6.400E-10	32.182	6.436	8.785E-10	26.823	5.365	5.086E-10	29.762	5.952	6.948E-10	24.746	4.949	3.994E-10
247	35.892	7.178	1.219E-09	26.792	5.358	5.069E-10	6.180	1.236	6.221E-12	25.293	5.059	4.265E-10	26.845	5.369	5.099E-10	20.626	4.125	2.313E-10	20.468	4.094	2.260E-10
248	15.860	3.172	1.051E-10	26.715	5.343	5.025E-10	21.709	4.342	2.697E-10	26.880	5.376	5.119E-10	-22.737	0.000	0.000E+00	30.681	6.136	7.612E-10	30.176	6.035	7.242E-10
249	29.178	5.836	6.547E-10	25.952	5.190	4.607E-10	-18.171	0.000	0.000E+00	20.004	4.001	2.110E-10	23.513	4.703	3.426E-10	28.494	5.699	6.097E-10	31.498	6.300	8.237E-10
250	9.707	1.941	2.410E-11	28.139	5.628	5.872E-10	32.802	6.560	9.302E-10	26.998	5.400	5.187E-10	51.070	10.214	3.511E-09	-5.411	0.000	0.000E+00	-32.254	0.000	0.000E+00
251	30.197	6.039	7.257E-10	-9.074	0.000	0.000E+00	11.358	2.272	3.862E-11	28.326	5.665	5.990E-10	27.744	5.549	5.629E-10	25.528	5.106	4.385E-10	50.143	10.029	3.323E-09
252	23.017	4.603	3.214E-10	21.100	4.220	2.476E-10	22.023	4.405	2.815E-10	25.303	5.061	4.270E-10	51.142	10.228	3.525E-09	22.439	4.488	2.978E-10	29.311	5.862	6.637E-10
253	34.204	6.841	1.055E-09	31.722	6.344	8.413E-10	33.400	6.680	9.820E-10	19.210	5.842	6.569E-10	15.232	3.046	9.314E-11	19.399	3.880	1.924E-10	21.949	4.390	2.787E-10
254	23.809	4.762	3.557E-10	26.627	5.325	4.975E-10	8.215	1.643	1.461E-11	29.854	5.971	7.013E-10	26.556	5.311	4.936E-10	31.900	6.380	8.556E-10	16.950	3.390	1.284E-10
255	-8.227	0.000	0.000E+00	31.256	6.251	8.048E-10	30.693	6.139	7.621E-10	-3.592	0.000	0.000E+00	29.980	5.996	7.102E-10	19.526	3.905	1.962E-10	28.371	5.674	6.019E-10
256	27.307	5.461	5.367E-10	21.519	4.304	2.626E-10	31.746	6.349	8.433E-10	-4.100	0.000	0.000E+00	44.931	8.986	2.391E-09	29.660	5.932	6.877E-10	30.046	6.009	7.149E-10
257	28.997	5.799	6.426E-10	32.249	6.450	8.839E-10	27.953	5.591	5.756E-10	28.770	5.674	6.018E-10	7.702	1.540	1.204E-11	25.796	5.159	4.524E-10	28.974	5.795	6.411E-10
258	29.635	5.927	6.860E-10	23.826	4.765	3.565E-10	23.068	4.614	3.235E-10	20.927	4.185	2.415E-10	28.976	5.795	6.412E-10	-13.837	0.000	0.000E+00	24.524	4.905	3.888E-10
259	31.919	6.384	8.571E-10	21.202	4.240	2.512E-10	25.052	5.010	4.144E-10	28.667	5.733	6.209E-10	23.275	4.655	3.323E-10	26.620	5.324	4.972E-10	-10.833	0.000	0.000E+00
260	27.177	5.435	5.291E-10	30.651	6.130	7.590E-10	26.593	5.319	4.957E-10	9.017	1.803	1.933E-11	5.987	1.197	5.656E-12	14.254	2.851	7.632E-11	-17.978	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
261	21.807	4.361	2.733E-10	33.355	6.671	9.781E-10	9.493	1.899	2.255E-11	25.421	5.084	4.330E-10	15.833	3.167	1.046E-10	35.702	7.140	1.199E-09	19.263	3.853	1.884E-10
262	32.301	6.460	8.882E-10	26.928	5.386	5.146E-10	31.838	6.368	8.506E-10	-21.346	0.000	0.000E+00	33.769	6.754	1.015E-09	26.757	5.351	5.049E-10	27.643	5.529	5.567E-10
263	23.126	4.625	3.260E-10	37.208	7.442	1.358E-09	3.557	0.711	1.186E-12	31.726	6.345	8.416E-10	89.915	17.983	1.916E-08	36.828	7.366	1.317E-09	29.795	5.959	6.971E-10
264	23.538	4.708	3.437E-10	14.041	2.808	7.295E-11	23.199	4.640	3.291E-10	31.678	6.336	8.379E-10	5.534	1.107	4.466E-12	25.191	5.038	4.213E-10	23.656	4.731	3.489E-10
265	32.433	6.487	8.992E-10	29.577	5.915	6.820E-10	22.547	4.509	3.021E-10	82.459	16.492	1.478E-08	25.330	5.066	4.284E-10	33.045	6.609	9.511E-10	8.892	1.778	1.853E-11
266	29.974	5.995	7.098E-10	20.629	4.126	2.314E-10	31.818	6.364	8.490E-10	27.209	5.442	5.309E-10	84.913	16.983	1.614E-08	8.452	1.690	1.591E-11	27.762	5.552	5.640E-10
267	28.142	5.628	5.874E-10	32.475	6.495	9.027E-10	26.842	5.368	5.097E-10	-5.245	0.000	0.000E+00	86.309	17.262	1.695E-08	31.738	6.348	8.426E-10	33.569	6.714	9.970E-10
268	27.507	5.501	5.485E-10	7.907	1.581	1.303E-11	20.635	4.127	2.316E-10	24.205	4.841	3.738E-10	25.286	5.057	4.261E-10	32.356	6.471	8.928E-10	21.297	4.259	2.546E-10
269	21.925	4.385	2.778E-10	31.119	6.224	7.943E-10	26.453	5.291	4.879E-10	23.032	4.606	3.220E-10	12.192	2.438	4.777E-11	23.175	4.635	3.281E-10	36.168	7.234	1.247E-09
270	-17.630	0.000	0.000E+00	34.160	6.832	1.051E-09	27.199	5.440	5.303E-10	28.164	5.633	5.888E-10	30.265	6.053	7.307E-10	9.142	1.828	2.014E-11	19.786	3.957	2.041E-10
271	6.350	1.270	6.748E-12	26.389	5.278	4.843E-10	24.938	4.988	4.087E-10	18.760	3.752	1.740E-10	41.282	8.256	1.854E-09	15.747	3.149	1.029E-10	-9.002	0.000	0.000E+00
272	7.475	1.495	1.101E-11	23.109	4.622	3.252E-10	28.465	5.693	6.079E-10	26.630	5.326	4.977E-10	18.980	3.796	1.802E-10	30.939	6.188	7.806E-10	35.760	7.152	1.205E-09
273	29.325	5.865	6.646E-10	9.460	1.892	2.231E-11	30.201	6.040	7.260E-10	6.166	1.233	6.178E-12	28.753	5.751	6.266E-10	31.977	6.395	8.618E-10	-18.878	0.000	0.000E+00
274	26.690	5.338	5.011E-10	28.708	5.742	6.236E-10	10.882	2.176	3.397E-11	39.209	7.842	1.589E-09	17.251	3.450	1.353E-10	28.558	5.712	6.139E-10	9.724	1.945	2.423E-11
275	25.449	5.090	4.344E-10	34.320	6.864	1.065E-09	33.814	6.763	1.019E-09	20.695	4.139	2.336E-10	-29.267	0.000	0.000E+00	23.761	4.752	3.536E-10	25.076	5.015	4.156E-10
276	13.582	2.716	6.604E-11	16.657	3.331	1.218E-10	34.198	6.840	1.054E-09	33.088	6.618	9.548E-10	92.442	18.488	2.082E-08	26.478	5.296	4.893E-10	31.621	6.324	8.333E-10
277	25.171	5.034	4.203E-10	31.784	6.357	8.463E-10	29.293	5.859	6.625E-10	86.766	17.353	1.722E-08	83.369	16.674	1.527E-08	22.215	4.443	2.890E-10	33.724	6.745	1.011E-09
278	7.484	1.497	1.105E-11	28.992	5.798	6.423E-10	8.151	1.630	1.427E-11	26.421	5.284	4.861E-10	-20.265	0.000	0.000E+00	29.274	5.855	6.612E-10	29.130	5.826	6.515E-10
279	-15.540	0.000	0.000E+00	10.978	2.196	3.487E-11	26.587	5.317	4.953E-10	42.014	8.403	1.955E-09	24.069	4.814	3.675E-10	33.954	6.791	1.032E-09	33.041	6.608	9.508E-10
280	16.818	3.364	1.254E-10	21.585	4.317	2.651E-10	30.444	6.089	7.437E-10	31.897	6.379	8.553E-10	16.973	3.395	1.289E-10	26.967	5.393	5.169E-10	-5.410	0.000	0.000E+00
281	18.883	3.777	1.775E-10	27.789	5.558	5.656E-10	28.059	5.612	5.823E-10	29.968	5.994	7.094E-10	11.289	2.258	3.792E-11	26.313	5.263	4.802E-10	32.135	6.427	8.746E-10
282	29.561	5.912	6.809E-10	26.283	5.257	4.786E-10	27.304	5.461	5.365E-10	7.666	1.533	1.187E-11	27.760	5.552	5.638E-10	18.505	3.701	1.670E-10	24.155	4.831	3.715E-10
283	11.442	2.288	3.948E-11	28.525	5.705	6.117E-10	24.147	4.829	3.711E-10	9.709	1.942	2.412E-11	28.599	5.720	6.165E-10	8.310	1.662	1.513E-11	16.871	3.374	1.266E-10
284	23.707	4.741	3.512E-10	28.185	5.637	5.901E-10	19.132	3.826	1.846E-10	29.454	5.891	6.735E-10	16.290	3.258	1.139E-10	30.595	6.119	7.548E-10	-5.777	0.000	0.000E+00
285	31.016	6.203	7.864E-10	23.234	4.647	3.305E-10	16.689	3.338	1.225E-10	24.165	4.833	3.719E-10	44.222	8.844	2.279E-09	15.671	3.134	1.014E-10	7.284	1.457	1.019E-11
286	19.690	3.938	2.012E-10	28.226	5.645	5.927E-10	22.803	4.561	3.125E-10	15.737	3.147	1.027E-10	32.924	6.585	9.406E-10	5.712	1.142	4.911E-12	25.435	5.087	4.337E-10
287	24.785	4.957	4.013E-10	33.213	6.643	9.656E-10	23.573	4.715	3.453E-10	19.825	3.965	2.054E-10	84.607	16.921	1.596E-08	23.629	4.726	3.477E-10	25.124	5.025	4.180E-10
288	19.577	3.915	1.978E-10	33.866	6.773	1.024E-09	5.303	1.061	3.930E-12	27.913	5.583	5.732E-10	27.762	5.552	5.639E-10	26.538	5.308	4.926E-10	5.440	1.088	4.244E-12
289	22.703	4.541	3.084E-10	-26.567	0.000	0.000E+00	-8.692	0.000	0.000E+00	20.273	4.055	2.196E-10	82.089	16.418	1.458E-08	29.028	5.806	6.446E-10	24.608	4.922	3.927E-10
290	33.422	6.684	9.840E-10	20.449	4.090	2.254E-10	14.435	2.887	7.928E-11	45.219	9.044	2.437E-09	30.572	6.114	7.531E-10	10.433	2.087	2.993E-11	154.175	30.835	9.659E-08
291	32.193	6.439	8.793E-10	21.810	4.362	2.734E-10	13.521	2.704	6.514E-11	28.080	5.616	5.836E-10	-26.444	0.000	0.000E+00	31.237	6.247	8.034E-10	28.358	5.672	6.011E-10
292	30.137	6.027	7.215E-10	22.386	4.477	2.957E-10	32.367	6.473	8.937E-10	29.646	5.929	6.868E-10	49.727	9.945	3.241E-09	33.394	6.679	9.815E-10	35.520	7.104	1.181E-09
293	19.301	3.860	1.895E-10	-25.614	0.000	0.000E+00	14.671	2.934	8.323E-11	28.260	5.652	5.948E-10	5.553	1.111	4.512E-12	29.619	5.924	6.848E-10	21.371	4.274	2.573E-10
294	30.883	6.177	7.764E-10	27.134	5.427	5.265E-10	-25.230	0.000	0.000E+00	26.237	5.247	4.760E-10	26.336	5.267	4.814E-10	19.527	3.905	1.962E-10	33.522	6.704	9.928E-10
295	29.582	5.916	6.823E-10	23.524	4.705	3.431E-10	24.060	4.812	3.671E-10	36.207	7.241	1.251E-09	30.343	6.069	7.363E-10	25.513	5.103	4.377E-10	19.612	3.922	1.988E-10
296	32.240	6.448	8.832E-10	29.570	5.914	6.814E-10	10.521	2.104	3.069E-11	23.935	4.787	3.614E-10	85.988	17.198	1.676E-08	24.907	4.981	4.072E-10	-27.648	0.000	0.000E+00
297	18.643	3.729	1.708E-10	22.362	4.472	2.947E-10	31.431	6.286	8.184E-10	31.262	6.252	8.052E-10	86.184	17.237	1.687E-08	28.471	5.694	6.083E-10	25.479	5.096	4.360E-10
298	6.053	1.211	5.845E-12	28.228	5.646	5.928E-10	29.835	5.967	7.000E-10	63.981	12.796	6.903E-09	-23.178	0.000	0.000E+00	24.972	4.994	4.104E-10	33.219	6.644	9.662E-10
299	22.769	4.554	3.111E-10	22.531	4.506	3.015E-10	33.157	6.631	9.607E-10	45.521	9.104	2.486E-09	-24.905	0.000	0.000E+00	15.257	3.051	9.360E-11	10.902	2.180	3.415E-11
300	27.082	5.416	5.235E-10	22.076	4.415	2.836E-10	24.335	4.867	3.798E-10	24.798	4.960	4.019E-10	39.812	7.962	1.663E-09	35.321	7.064	1.161E-09	17.449	3.490	1.400E-10
301	20.777	4.155	2.364E-10	31.079	6.216	7.912E-10	27.897	5.579	5.722E-10	32.045	6.409	8.673E-10	17.102	3.420	1.318E-10	6.072	1.214	5.901E-12	30.189	6.038	7.252E-10
302	33.226	6.645	9.668E-10	24.528	4.906	3.889E-10	28.154	5.631	5.882E-10	20.708	4.142	2.340E-10	-17.807	0.000	0.000E+00	34.921	6.984	1.122E-09	24.566	4.913	3.907E-10
303	32.196	6.439	8.797E-10	-26.862	0.000	0.000E+00	9.585	1.917	2.321E-11	27.050	5.410	5.217E-10	13.482	2.696	6.458E-11	11.931	2.386	4.477E-11	31.328	6.266	8.104E-10
304	34.295	6.859	1.063E-09	27.740	5.548	5.626E-10	28.436	5.687	6.060E-10	43.585	8.717	2.182E-09	30.255	6.051	7.299E-10	22.518	4.504	3.009E-10	26.951	5.390	5.160E-10
305	32.795	6.559	9.297E-10	36.374	7.275	1.268E-09	-22.418	0.000	0.000E+00	25.081	5.016	4.158E-10	90.790	18.158	1.972E-08	21.310	4.262	2.551E-10	20.801	4.160	2.372E-1

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
306	-7.197	0.000	0.000E+00	24.377	4.875	3.818E-10	29.743	5.949	6.935E-10	29.782	5.956	6.962E-10	7.267	1.453	1.011E-11	12.504	2.501	5.153E-11	26.026	5.205	4.646E-10
307	28.742	5.748	6.258E-10	30.293	6.059	7.327E-10	31.086	6.217	7.917E-10	22.375	4.475	2.952E-10	14.784	2.957	8.517E-11	30.169	6.034	7.237E-10	28.635	5.727	6.189E-10
308	23.095	4.619	3.247E-10	11.656	2.331	4.174E-11	33.575	6.715	9.976E-10	7.755	1.551	1.229E-11	24.570	4.914	3.909E-10	28.987	5.797	6.419E-10	21.556	4.311	2.640E-10
309	9.246	1.849	2.083E-11	10.211	2.042	2.806E-11	22.579	4.516	3.034E-10	26.504	5.301	4.907E-10	23.183	4.637	3.284E-10	31.469	6.294	8.214E-10	34.697	6.939	1.101E-09
310	12.547	2.509	5.206E-11	25.561	5.112	4.402E-10	27.425	5.485	5.437E-10	91.672	18.334	2.030E-08	84.763	16.953	1.605E-08	5.947	1.189	5.545E-12	27.773	5.555	5.646E-10
311	23.645	4.729	3.484E-10	32.800	6.560	9.300E-10	18.143	3.629	1.574E-10	83.229	16.646	1.520E-08	22.437	4.487	2.977E-10	-6.266	0.000	0.000E+00	23.527	4.705	3.432E-10
312	29.250	5.850	6.596E-10	27.632	5.526	5.561E-10	15.411	3.082	9.648E-11	26.954	5.391	5.161E-10	62.770	12.554	6.518E-09	16.973	3.395	1.289E-10	20.459	4.092	2.257E-10
313	27.859	5.572	5.699E-10	31.088	6.218	7.919E-10	-21.083	0.000	0.000E+00	82.959	16.592	1.505E-08	28.903	5.781	6.364E-10	-28.103	0.000	0.000E+00	-7.428	0.000	0.000E+00
314	29.913	5.983	7.055E-10	-21.983	0.000	0.000E+00	35.916	7.183	1.221E-09	20.335	4.067	2.216E-10	25.393	5.079	4.315E-10	23.206	4.641	3.294E-10	22.234	4.447	2.897E-10
315	27.998	5.600	5.785E-10	35.562	7.112	1.185E-09	19.589	3.918	1.981E-10	42.612	8.522	2.039E-09	22.488	4.498	2.997E-10	23.558	4.712	3.446E-10	26.526	5.305	4.919E-10
316	8.353	1.671	1.536E-11	-16.995	0.000	0.000E+00	32.027	6.405	8.658E-10	25.748	5.150	4.499E-10	28.238	5.648	5.935E-10	22.709	4.542	3.087E-10	14.599	2.920	8.201E-11
317	29.462	5.892	6.740E-10	19.936	3.987	2.088E-10	23.282	4.656	3.326E-10	26.252	5.250	4.768E-10	48.451	9.690	2.998E-09	21.930	4.386	2.780E-10	29.359	5.872	6.670E-10
318	18.032	3.606	1.545E-10	8.068	1.614	1.384E-11	25.382	5.076	4.310E-10	23.045	4.609	3.226E-10	26.727	5.345	5.032E-10	21.356	4.271	2.567E-10	-6.886	0.000	0.000E+00
319	26.851	5.370	5.103E-10	34.016	6.803	1.037E-09	20.272	4.054	2.196E-10	32.835	6.567	9.330E-10	24.941	4.988	4.089E-10	29.117	5.823	6.507E-10	30.329	6.066	7.353E-10
320	-17.166	0.000	0.000E+00	17.480	3.496	1.408E-10	30.653	6.131	7.591E-10	25.469	5.094	4.354E-10	24.058	4.812	3.670E-10	27.524	5.505	5.496E-10	30.522	6.104	7.494E-10
321	33.994	6.799	1.035E-09	32.699	6.540	9.215E-10	13.411	2.682	6.358E-11	-22.235	0.000	0.000E+00	43.484	8.697	2.167E-09	9.662	1.932	2.378E-11	14.129	2.826	7.435E-11
322	23.820	4.764	3.562E-10	15.101	3.020	9.076E-11	25.037	5.007	4.137E-10	28.428	5.686	6.056E-10	21.355	4.271	2.567E-10	28.911	5.782	6.369E-10	27.234	5.447	5.324E-10
323	10.968	2.194	3.477E-11	34.749	6.950	1.106E-09	20.755	4.151	2.356E-10	29.018	5.804	6.440E-10	25.600	5.120	4.422E-10	23.650	4.730	3.486E-10	26.773	5.355	5.058E-10
324	18.917	3.783	1.784E-10	-13.810	0.000	0.000E+00	32.890	6.578	9.377E-10	18.694	3.739	1.722E-10	17.327	3.465	1.371E-10	24.783	4.957	4.012E-10	19.744	3.949	2.029E-10
325	22.414	4.483	2.968E-10	6.276	1.255	6.516E-12	26.849	5.370	5.101E-10	86.931	17.386	1.731E-08	11.595	2.319	4.109E-11	29.570	5.914	6.814E-10	31.227	6.245	8.025E-10
326	6.186	1.237	6.240E-12	6.292	1.258	6.565E-12	25.434	5.087	4.337E-10	27.568	5.514	5.522E-10	-26.388	0.000	0.000E+00	24.123	4.825	3.700E-10	8.656	1.731	1.709E-11
327	32.429	6.486	8.988E-10	33.117	6.623	9.573E-10	24.869	4.974	4.054E-10	29.372	5.874	6.678E-10	24.378	4.876	3.818E-10	25.243	5.049	4.239E-10	29.259	5.852	6.602E-10
328	12.715	2.543	5.418E-11	15.308	3.062	9.454E-11	29.264	5.853	6.606E-10	30.371	6.074	7.383E-10	25.288	5.058	4.262E-10	19.827	3.965	2.054E-10	20.658	4.132	2.324E-10
329	35.942	7.188	1.224E-09	23.055	4.611	3.230E-10	23.213	4.643	3.297E-10	26.814	5.363	5.081E-10	101.844	20.369	2.784E-08	19.061	3.812	1.825E-10	24.731	4.946	3.987E-10
330	9.151	1.830	2.020E-11	-22.835	0.000	0.000E+00	23.904	4.781	3.600E-10	11.549	2.310	4.060E-11	23.323	4.665	3.344E-10	8.659	1.732	1.711E-11	-24.314	0.000	0.000E+00
331	-13.836	0.000	0.000E+00	27.070	5.414	5.228E-10	28.604	5.721	6.168E-10	33.366	6.673	9.791E-10	26.905	5.381	5.133E-10	26.210	5.242	4.745E-10	27.621	5.524	5.554E-10
332	18.639	3.728	1.707E-10	23.646	4.729	3.485E-10	31.447	6.289	8.196E-10	19.473	3.895	1.946E-10	28.483	5.697	6.090E-10	29.003	5.801	6.430E-10	10.357	2.071	2.928E-11
333	19.394	3.879	1.923E-10	22.811	4.562	3.128E-10	25.825	5.165	4.540E-10	-30.586	0.000	0.000E+00	8.029	1.606	1.364E-11	21.792	4.358	2.727E-10	21.291	4.258	2.544E-10
334	31.673	6.335	8.374E-10	29.570	5.914	6.815E-10	23.008	4.602	3.210E-10	26.759	5.352	5.050E-10	27.532	5.506	5.501E-10	19.646	3.929	1.999E-10	19.907	3.981	2.079E-10
335	29.441	5.888	6.726E-10	8.860	1.772	1.833E-11	25.541	5.108	4.392E-10	20.560	4.112	2.291E-10	25.251	5.050	4.243E-10	7.558	1.512	1.138E-11	32.257	6.451	8.847E-10
336	24.394	4.879	3.826E-10	19.630	3.926	1.994E-10	30.033	6.007	7.140E-10	24.818	4.964	4.029E-10	40.108	8.022	1.701E-09	35.342	7.068	1.164E-09	27.305	5.461	5.366E-10
337	-24.325	0.000	0.000E+00	31.193	6.239	7.999E-10	10.555	2.111	3.100E-11	7.760	1.552	1.232E-11	14.933	2.987	8.777E-11	14.604	2.921	8.209E-11	23.359	4.672	3.359E-10
338	-13.698	0.000	0.000E+00	31.747	6.349	8.433E-10	8.371	1.674	1.546E-11	80.051	16.010	1.352E-08	28.746	5.749	6.261E-10	19.689	3.938	2.012E-10	23.192	4.638	3.288E-10
339	30.323	6.065	7.349E-10	-17.929	0.000	0.000E+00	13.287	2.657	6.183E-11	27.045	5.409	5.214E-10	21.992	4.398	2.803E-10	29.961	5.992	7.089E-10	-7.878	0.000	0.000E+00
340	30.825	6.165	7.720E-10	30.213	6.043	7.269E-10	30.437	6.087	7.432E-10	3.253	0.651	9.072E-13	31.693	6.339	8.390E-10	26.465	5.293	4.885E-10	14.714	2.943	8.396E-11
341	34.798	6.960	1.111E-09	24.923	4.985	4.080E-10	23.222	4.644	3.300E-10	21.512	4.302	2.624E-10	8.376	1.675	1.549E-11	21.466	4.293	2.607E-10	13.254	2.651	6.136E-11
342	63.289	12.658	6.682E-09	26.974	5.395	5.173E-10	-15.682	0.000	0.000E+00	34.592	6.918	1.091E-09	27.455	5.491	5.455E-10	29.481	5.896	6.753E-10	7.781	1.556	1.241E-11
343	28.524	5.705	6.117E-10	-23.654	0.000	0.000E+00	32.274	6.455	8.860E-10	18.202	3.640	1.589E-10	25.199	5.040	4.217E-10	-24.747	0.000	0.000E+00	16.015	3.203	1.083E-10
344	28.305	5.661	5.977E-10	31.434	6.287	8.186E-10	-30.055	0.000	0.000E+00	17.021	3.404	1.300E-10	31.928	6.386	8.579E-10	30.111	6.022	7.196E-10	28.677	5.735	6.216E-10
345	25.249	5.050	4.243E-10	26.457	5.291	4.881E-10	21.824	4.365	2.740E-10	28.395	5.679	6.034E-10	7.671	1.534	1.190E-11	14.361	2.872	7.807E-11	24.337	4.867	3.799E-10
346	28.151	5.630	5.880E-10	27.240	5.448	5.328E-10	-20.716	0.000	0.000E+00	-11.052	0.000	0.000E+00	18.923	3.785	1.786E-10	29.780	5.956	6.961E-10	10.724	2.145	3.251E-11
347	24.417	4.883	3.837E-10	21.459	4.292	2.604E-10	19.350	3.870	1.909E-10	21.134	4.227	2.488E-10	5.324	1.065	3.987E-12	22.222	4.444	2.892E-10	26.822	5.364	5.086E-10
348	21.883	4.377	2.762E-10	15.541	3.108	9.892E-11	-32.476	0.000	0.000E+00	21.308	4.262	2.550E-10	19.893	3.979	2.075E-10	31.096	6.219	7.925E-10	26.017	5.203	4.642E-10
349	37.677	7.535	1.410E-09	9.337	1.867	2.145E-11	19.146	3.829	1.850E-10	9.299	1.860	2.119E-11	30.232	6.046	7.283E-10	-15.704	0.000	0.000E+00	23.713	4.743	3.514E-10
350	20.715	4.143	2.343E-10	18.682	3.736	1.719E-10	12.732	2.546	5.440E-11	26.811	5.362	5.079E-10	-24.618	0.000	0.000E+00	24.539	4.908	3.895E-10	30.382	6.076	7.392E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
351	25.603	5.121	4.424E-10	25.211	5.042	4.223E-10	10.387	2.077	2.953E-11	22.487	4.497	2.997E-10	84.435	16.887	1.587E-08	13.988	2.798	7.213E-11	18.967	3.793	1.798E-10
352	-19.930	0.000	0.000E+00	22.827	4.565	3.135E-10	27.162	5.432	5.282E-10	84.817	16.963	1.608E-08	29.811	5.962	6.982E-10	20.590	4.118	2.301E-10	68.382	13.676	8.428E-09
353	28.565	5.713	6.143E-10	17.404	3.481	1.389E-10	18.247	3.649	1.601E-10	25.828	5.166	4.541E-10	27.271	5.454	5.345E-10	-17.946	0.000	0.000E+00	9.313	1.863	2.129E-11
354	20.459	4.092	2.257E-10	21.960	4.392	2.791E-10	-10.016	0.000	0.000E+00	26.781	5.356	5.063E-10	24.976	4.995	4.106E-10	-30.937	0.000	0.000E+00	5.937	1.187	5.516E-12
355	25.045	5.009	4.141E-10	24.605	4.921	3.926E-10	24.814	4.963	4.027E-10	37.286	7.457	1.366E-09	30.807	6.161	7.707E-10	-13.001	0.000	0.000E+00	29.764	5.953	6.950E-10
356	30.977	6.195	7.835E-10	31.535	6.307	8.265E-10	32.076	6.415	8.698E-10	24.586	4.917	3.917E-10	6.458	1.292	7.100E-12	20.652	4.130	2.322E-10	16.428	3.286	1.168E-10
357	46.436	9.287	2.639E-09	30.524	6.105	7.495E-10	12.710	2.542	5.412E-11	24.644	4.929	3.945E-10	33.556	6.711	9.958E-10	12.136	2.427	4.711E-11	21.679	4.336	2.686E-10
358	22.836	4.567	3.139E-10	-6.817	0.000	0.000E+00	28.031	5.606	5.805E-10	7.707	1.541	1.207E-11	96.651	19.330	2.380E-08	23.528	4.706	3.433E-10	8.721	1.744	1.748E-11
359	15.626	3.125	1.006E-10	24.727	4.945	3.985E-10	22.873	4.575	3.154E-10	33.624	6.725	1.002E-09	69.247	13.849	8.752E-09	16.098	3.220	1.099E-10	27.254	5.451	5.336E-10
360	26.113	5.223	4.693E-10	21.304	4.261	2.548E-10	32.346	6.469	8.920E-10	87.519	17.504	1.767E-08	26.610	5.322	4.966E-10	24.532	4.906	3.891E-10	33.124	6.625	9.579E-10
361	21.772	4.354	2.720E-10	19.573	3.915	1.976E-10	-17.828	0.000	0.000E+00	27.802	5.560	5.664E-10	9.326	1.865	2.138E-11	28.281	5.656	5.962E-10	19.645	3.929	1.998E-10
362	22.804	4.561	3.125E-10	-22.843	0.000	0.000E+00	37.735	7.547	1.416E-09	20.645	4.129	2.319E-10	27.304	5.461	5.365E-10	22.822	4.564	3.133E-10	-4.748	0.000	0.000E+00
363	-7.853	0.000	0.000E+00	-27.696	0.000	0.000E+00	14.582	2.916	8.173E-11	46.257	9.251	2.609E-09	28.982	5.796	6.416E-10	20.869	4.174	2.396E-10	-6.697	0.000	0.000E+00
364	20.200	4.040	2.173E-10	27.036	5.407	5.209E-10	17.354	3.471	1.377E-10	-2.940	0.000	0.000E+00	97.975	19.595	2.479E-08	27.324	5.465	5.377E-10	26.834	5.367	5.093E-10
365	25.921	5.184	4.591E-10	35.315	7.063	1.161E-09	17.478	3.496	1.407E-10	21.150	4.230	2.494E-10	30.890	6.178	7.769E-10	33.380	6.676	9.803E-10	25.659	5.132	4.453E-10
366	25.892	5.178	4.575E-10	-14.572	0.000	0.000E+00	21.813	4.363	2.736E-10	10.675	2.135	3.206E-11	17.105	3.421	1.319E-10	28.790	5.758	6.289E-10	25.846	5.169	4.551E-10
367	21.589	4.318	2.652E-10	28.047	5.609	5.815E-10	8.058	1.612	1.379E-11	50.369	10.074	3.368E-09	-27.075	0.000	0.000E+00	20.611	4.122	2.308E-10	13.296	2.659	6.195E-11
368	30.441	6.088	7.435E-10	22.562	4.512	3.027E-10	37.449	7.490	1.384E-09	-52.720	0.000	0.000E+00	23.917	4.783	3.606E-10	-20.460	0.000	0.000E+00	27.795	5.559	5.660E-10
369	51.979	10.396	3.702E-09	31.959	6.392	8.603E-10	17.907	3.581	5.153E-10	-85.905	0.000	0.000E+00	27.769	5.554	5.644E-10	29.203	5.841	6.564E-10	7.433	1.487	1.082E-11
370	24.863	4.973	4.051E-10	7.761	1.552	1.232E-11	-9.299	0.000	0.000E+00	-27.624	0.000	0.000E+00	40.764	8.153	1.785E-09	11.396	2.279	3.901E-11	24.550	4.910	3.900E-10
371	26.341	5.268	4.817E-10	28.047	5.609	5.815E-10	10.191	2.038	2.790E-11	55.399	11.080	4.481E-09	27.453	5.491	5.454E-10	-20.956	0.000	0.000E+00	23.311	4.662	3.339E-10
372	15.637	3.127	1.008E-10	54.486	10.897	4.263E-09	-14.840	0.000	0.000E+00	50.454	10.091	3.385E-09	-2.741	0.000	0.000E+00	29.509	5.902	6.772E-10	-5.438	0.000	0.000E+00
373	9.937	1.987	2.586E-11	24.168	4.834	3.720E-10	29.707	5.941	6.910E-10	18.146	3.629	1.575E-10	27.195	5.439	5.301E-10	16.452	3.290	1.174E-10	27.687	5.537	5.594E-10
374	14.421	2.884	7.905E-11	-20.488	0.000	0.000E+00	19.271	3.854	1.886E-10	25.075	5.015	4.156E-10	23.909	4.782	3.602E-10	47.807	9.561	2.880E-09	25.308	5.062	4.272E-10
375	16.129	3.226	1.106E-10	19.519	3.904	1.960E-10	50.014	10.003	3.297E-09	26.783	5.357	5.064E-10	30.760	6.152	7.671E-10	40.437	8.087	1.743E-09	-7.525	0.000	0.000E+00
376	27.064	5.413	5.225E-10	7.257	1.451	1.007E-11	4.479	0.896	2.368E-12	9.348	1.870	2.153E-11	31.123	6.225	7.946E-10	30.978	6.196	7.835E-10	28.697	5.739	6.229E-10
377	20.599	4.120	2.304E-10	22.105	4.421	2.847E-10	37.886	7.577	1.433E-09	58.164	11.633	5.186E-09	34.269	6.854	1.061E-09	-24.186	0.000	0.000E+00	26.357	5.271	4.826E-10
378	22.446	4.489	2.980E-10	22.737	4.547	3.098E-10	13.240	2.648	6.118E-11	20.806	4.161	2.374E-10	84.712	16.942	1.602E-08	25.574	5.115	4.408E-10	26.802	5.360	5.074E-10
379	28.478	5.696	6.087E-10	20.142	4.028	2.154E-10	24.029	4.806	3.657E-10	32.654	6.531	9.177E-10	9.383	1.877	2.177E-11	34.654	6.931	1.097E-09	46.020	9.204	2.569E-09
380	9.335	1.867	2.144E-11	-13.626	0.000	0.000E+00	26.765	5.353	5.054E-10	35.353	7.071	1.165E-09	79.681	15.936	1.333E-08	13.021	2.604	5.819E-11	25.011	5.002	4.124E-10
381	32.165	6.433	8.771E-10	23.792	4.758	3.549E-10	-36.596	0.000	0.000E+00	42.282	8.456	1.992E-09	28.500	5.700	6.101E-10	21.665	4.333	2.680E-10	40.512	8.102	1.752E-09
382	23.392	4.678	3.374E-10	33.119	6.624	9.574E-10	28.145	5.629	5.876E-10	64.976	12.995	7.230E-09	23.293	4.659	3.331E-10	-28.808	0.000	0.000E+00	28.021	5.604	5.799E-10
383	27.356	5.471	5.396E-10	25.703	5.141	4.475E-10	16.237	3.247	1.128E-10	32.219	6.444	8.815E-10	26.059	5.212	4.664E-10	33.643	6.729	1.004E-09	14.821	2.964	8.580E-11
384	26.296	5.259	4.793E-10	17.375	3.475	1.382E-10	29.157	5.831	6.533E-10	75.434	15.087	1.131E-08	46.435	9.287	2.639E-09	7.673	1.535	1.191E-11	22.132	4.426	2.857E-10
385	25.417	5.083	4.328E-10	-7.658	0.000	0.000E+00	24.633	4.927	3.939E-10	23.733	4.747	3.523E-10	24.891	4.978	4.064E-10	-7.087	0.000	0.000E+00	24.850	4.970	4.045E-10
386	26.120	5.224	4.697E-10	34.782	6.956	1.109E-09	18.985	3.797	1.804E-10	31.201	6.240	8.005E-10	53.563	10.713	4.050E-09	18.552	3.710	1.683E-10	20.202	4.040	2.173E-10
387	21.298	4.260	2.546E-10	19.814	3.963	2.050E-10	44.785	8.957	2.368E-09	13.497	2.699	6.480E-11	22.601	4.520	3.043E-10	28.255	5.651	5.945E-10	12.813	2.563	5.544E-11
388	29.954	5.991	7.084E-10	22.868	4.574	3.152E-10	18.391	3.678	1.640E-10	52.145	10.429	3.737E-09	42.208	8.442	1.982E-09	21.187	4.237	2.507E-10	28.288	5.658	5.966E-10
389	8.584	1.717	1.667E-11	-8.543	0.000	0.000E+00	6.130	1.226	6.072E-12	59.329	11.866	5.504E-09	31.592	6.318	8.311E-10	30.776	6.155	7.683E-10	-4.871	0.000	0.000E+00
390	28.930	5.786	6.382E-10	17.282	3.456	1.361E-10	6.561	1.312	7.445E-12	18.418	3.684	1.647E-10	32.224	6.445	8.819E-10	27.688	5.538	5.595E-10	29.511	5.902	6.774E-10
391	31.459	6.292	8.206E-10	-21.232	0.000	0.000E+00	14.102	2.820	7.392E-11	28.006	5.601	5.790E-10	6.793	1.359	8.264E-12	28.571	5.714	6.147E-10	19.806	3.961	2.048E-10
392	35.401	7.080	1.169E-09	30.812	6.162	7.110E-10	60.611	12.122	5.869E-09	20.654	4.131	2.322E-10	30.882	6.176	7.763E-10	25.886	5.177	4.572E-10	28.758	5.752	6.268E-10
393	26.144	5.229	4.710E-10	-6.751	0.000	0.000E+00	23.216	4.643	3.298E-10	25.226	5.045	4.231E-10	30.470	6.094	7.456E-10	15.368	3.074	9.566E-11	23.561	4.712	3.447E-10
394	11.806	2.361	4.337E-11	27.302	5.460	5.364E-10	25.018	5.004	4.127E-10	23.320	4.664	3.342E-10	27.252	5.450	5.334E-10	25.200	5.040	4.218E-10	28.554	5.711	6.136E-10
395	7.744	1.549	1.224E-11	21.224	4.245	2.520E-10	19.530	3.906	1.963E-10	23.216	4.643	3.298E-10	29.673	5.935	6.886E-10	21.885	4.377	2.763E-10	26.910	5.382	5.136E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
396	29.080	5.816	6.482E-10	30.262	6.052	7.305E-10	13.905	2.781	7.086E-11	22.756	4.551	3.106E-10	28.539	5.708	6.127E-10	34.274	6.855	1.061E-09	27.677	5.535	5.588E-10
397	36.871	7.374	1.321E-09	-8.723	0.000	0.000E+00	-26.639	0.000	0.000E+00	85.323	17.065	1.637E-08	23.768	4.754	3.539E-10	25.124	5.025	4.180E-10	16.513	3.303	1.187E-10
398	6.687	1.337	7.879E-12	23.740	4.748	3.527E-10	9.829	1.966	2.503E-11	-15.642	0.000	0.000E+00	32.852	6.570	9.345E-10	31.648	6.330	8.355E-10	21.729	4.346	2.704E-10
399	23.531	4.706	3.434E-10	18.681	3.736	1.718E-10	50.979	10.196	3.492E-09	33.188	6.638	9.635E-10	-23.377	0.000	0.000E+00	21.156	4.231	2.496E-10	9.241	1.848	2.080E-11
400	21.449	4.290	2.601E-10	15.857	3.171	1.051E-10	50.348	10.070	3.364E-09	33.835	6.767	1.021E-09	30.262	6.052	7.304E-10	18.775	3.755	1.744E-10	18.205	3.641	1.590E-10
401	30.096	6.019	7.185E-10	-23.354	0.000	0.000E+00	51.211	10.242	3.540E-09	13.033	2.607	5.835E-11	31.010	6.202	7.859E-10	-26.231	0.000	0.000E+00	27.446	5.489	5.449E-10
402	20.752	4.150	2.355E-10	-6.433	0.000	0.000E+00	27.755	5.551	5.635E-10	69.815	13.963	8.969E-09	30.025	6.005	7.134E-10	53.912	10.782	4.130E-09	32.777	6.555	9.281E-10
403	23.153	4.631	3.271E-10	26.225	5.245	4.754E-10	34.999	7.000	1.130E-09	15.119	3.024	9.109E-11	48.085	9.617	2.930E-09	13.534	2.707	6.534E-11	15.184	3.037	9.226E-11
404	30.733	6.147	7.651E-10	16.314	3.263	1.144E-10	18.747	3.749	1.736E-10	7.208	1.442	9.869E-12	44.998	9.000	2.401E-09	18.551	3.710	1.683E-10	19.416	3.883	1.929E-10
405	21.376	4.275	2.574E-10	30.771	6.154	7.679E-10	24.920	4.984	4.079E-10	23.557	4.711	3.446E-10	9.230	1.846	2.073E-11	20.605	4.121	2.306E-10	49.635	9.927	3.223E-09
406	-14.068	0.000	0.000E+00	19.098	3.820	1.836E-10	27.684	5.537	5.592E-10	19.172	3.834	1.857E-10	84.501	16.900	1.590E-08	22.347	4.469	2.941E-10	-14.262	0.000	0.000E+00
407	21.535	4.307	2.632E-10	22.747	4.549	3.102E-10	30.006	6.001	7.120E-10	28.386	5.677	6.028E-10	85.133	17.027	1.626E-08	44.083	8.817	2.258E-09	27.869	5.574	5.705E-10
408	24.326	4.865	3.794E-10	23.545	4.709	3.440E-10	23.439	4.688	3.394E-10	11.326	2.265	3.829E-11	26.977	5.395	5.175E-10	27.830	5.566	5.681E-10	12.340	2.468	4.952E-11
409	14.694	2.939	8.362E-11	19.176	3.835	1.858E-10	14.593	2.919	8.191E-11	24.406	4.881	3.832E-10	21.449	4.290	2.601E-10	-20.520	0.000	0.000E+00	26.452	5.290	4.878E-10
410	-30.353	0.000	0.000E+00	25.622	5.124	4.433E-10	22.608	4.522	3.046E-10	15.805	3.161	1.041E-10	22.141	4.428	2.861E-10	88.537	17.707	1.829E-08	22.107	4.421	2.848E-10
411	32.345	6.469	8.919E-10	23.854	4.771	3.578E-10	25.677	5.135	4.462E-10	20.003	4.001	2.110E-10	9.321	1.864	2.134E-11	23.021	4.604	3.216E-10	-23.911	0.000	0.000E+00
412	17.321	3.464	1.370E-10	22.301	4.460	2.923E-10	-16.157	0.000	0.000E+00	25.032	5.006	4.134E-10	27.534	5.507	5.502E-10	7.172	1.434	9.722E-12	23.692	4.738	3.505E-10
413	26.531	5.306	4.922E-10	13.201	2.640	6.063E-11	51.457	10.291	3.591E-09	21.112	4.222	2.480E-10	8.065	1.613	1.383E-11	84.552	16.910	1.593E-08	-6.806	0.000	0.000E+00
414	22.774	4.555	3.113E-10	25.422	5.084	4.330E-10	21.966	4.393	2.794E-10	11.373	2.275	3.877E-11	-22.467	0.000	0.000E+00	23.563	4.713	3.448E-10	28.091	5.618	5.843E-10
415	26.334	5.267	4.813E-10	34.270	6.854	1.061E-09	15.467	3.093	9.751E-11	-22.054	0.000	0.000E+00	22.907	4.581	3.168E-10	54.784	10.957	4.334E-09	27.856	5.571	5.697E-10
416	25.688	5.138	4.467E-10	31.185	6.237	7.993E-10	43.105	8.621	2.111E-09	-7.183	0.000	0.000E+00	16.749	3.350	1.238E-10	22.300	4.460	2.923E-10	17.932	3.586	1.520E-10
417	22.239	4.448	2.899E-10	32.523	6.505	9.067E-10	11.903	2.381	4.445E-11	27.799	5.560	5.662E-10	25.706	5.141	4.477E-10	24.547	4.909	3.898E-10	21.890	4.378	2.765E-10
418	23.256	4.651	3.315E-10	18.386	3.677	1.638E-10	26.940	5.388	5.153E-10	-26.648	0.000	0.000E+00	3.356	0.671	9.960E-13	82.260	16.452	1.467E-08	9.934	1.987	2.584E-11
419	17.013	3.403	1.298E-10	-7.834	0.000	0.000E+00	17.633	3.527	1.445E-10	-22.472	0.000	0.000E+00	84.347	16.869	1.582E-08	24.448	4.890	3.852E-10	26.009	5.202	4.637E-10
420	9.527	1.905	2.279E-11	28.650	5.730	6.198E-10	24.590	4.918	3.919E-10	25.778	5.156	4.515E-10	30.307	6.061	7.337E-10	-8.238	0.000	0.000E+00	-8.160	0.000	0.000E+00
421	34.911	6.982	1.121E-09	21.861	4.372	2.754E-10	25.011	5.002	4.124E-10	26.673	5.335	5.001E-10	28.867	5.773	6.340E-10	21.583	4.317	2.650E-10	28.220	5.644	5.923E-10
422	43.990	8.798	2.244E-09	27.151	5.430	5.275E-10	26.489	5.298	4.899E-10	84.737	16.947	1.604E-08	30.588	6.118	7.543E-10	23.928	4.786	3.611E-10	19.248	3.850	1.879E-10
423	50.665	10.133	3.428E-09	25.714	5.143	4.481E-10	24.616	4.923	3.931E-10	-65.857	0.000	0.000E+00	16.944	3.389	1.282E-10	8.370	1.674	1.546E-11	28.249	5.650	5.941E-10
424	46.636	9.327	2.673E-09	11.708	2.342	4.230E-11	-19.741	0.000	0.000E+00	24.704	4.941	3.974E-10	34.552	6.910	1.087E-09	12.182	2.436	4.765E-11	-7.495	0.000	0.000E+00
425	20.060	4.012	2.128E-10	24.248	4.850	3.757E-10	36.288	7.258	1.259E-09	83.752	16.750	1.548E-08	28.242	5.648	5.937E-10	24.876	4.975	4.057E-10	20.154	4.031	2.158E-10
426	25.686	5.137	4.467E-10	5.375	1.075	4.092E-12	45.706	9.141	2.517E-09	69.357	13.871	8.794E-09	41.360	8.272	1.865E-09	30.896	6.179	7.773E-10	-29.809	0.000	0.000E+00
427	-14.246	0.000	0.000E+00	5.652	1.130	4.759E-12	85.366	17.073	1.640E-08	-15.914	0.000	0.000E+00	11.808	2.362	4.339E-11	23.681	4.736	3.500E-10	34.688	6.938	1.100E-09
428	24.943	4.989	4.090E-10	16.740	3.348	1.236E-10	20.494	4.099	2.269E-10	24.782	4.956	4.011E-10	144.981	28.996	8.032E-08	53.164	10.633	3.960E-09	66.866	13.373	7.880E-09
429	19.688	3.938	2.011E-10	17.733	3.547	1.470E-10	29.297	5.859	6.628E-10	51.165	10.233	3.530E-09	24.468	4.894	3.861E-10	31.435	6.287	8.187E-10	29.488	5.898	6.758E-10
430	24.616	4.923	3.932E-10	13.821	2.764	6.958E-11	25.426	5.085	4.332E-10	-14.435	0.000	0.000E+00	32.233	6.447	8.826E-10	-16.840	0.000	0.000E+00	25.525	5.105	4.383E-10
431	18.958	3.792	1.796E-10	24.345	4.869	3.803E-10	45.935	9.187	2.555E-09	41.524	8.305	1.887E-09	24.250	4.850	3.758E-10	19.059	3.812	1.825E-10	19.009	3.802	1.810E-10
432	9.851	1.970	2.519E-11	30.597	6.119	7.549E-10	18.513	3.703	1.672E-10	82.644	16.529	1.488E-08	18.353	3.671	1.629E-10	24.930	4.986	4.084E-10	26.608	5.322	4.965E-10
433	-21.141	0.000	0.000E+00	18.104	3.621	1.564E-10	31.604	6.321	8.320E-10	29.326	5.865	6.648E-10	23.585	4.717	3.458E-10	54.883	10.977	4.357E-09	25.557	5.111	4.400E-10
434	35.183	7.037	1.148E-09	21.142	4.228	2.491E-10	21.142	4.228	2.491E-10	22.484	4.497	2.996E-10	80.660	16.132	1.383E-08	23.924	4.785	3.609E-10	59.561	11.912	5.569E-09
435	46.194	9.239	2.598E-09	10.845	2.169	3.361E-11	52.985	10.597	3.921E-09	11.100	2.220	3.604E-11	12.186	2.437	4.769E-11	52.517	10.503	3.818E-09	-36.535	0.000	0.000E+00
436	45.964	9.193	2.559E-09	13.635	2.727	6.682E-11	-5.623	0.000	0.000E+00	50.575	10.115	3.410E-09	49.315	9.863	3.161E-09	21.955	4.391	2.789E-10	23.414	4.683	3.383E-10
437	36.263	7.253	1.257E-09	24.460	4.892	3.857E-10	24.368	4.874	3.814E-10	22.792	4.558	3.121E-10	23.874	4.775	3.587E-10	26.678	5.336	5.004E-10	29.348	5.870	6.662E-10
438	13.302	2.660	6.204E-11	16.988	3.398	1.292E-10	23.254	4.651	3.314E-10	30.912	6.182	7.785E-10	27.234	5.447	5.324E-10	18.384	3.677	1.638E-10	29.604	5.921	6.838E-10
439	29.581	5.916	6.822E-10	19.402	3.880	1.925E-10	11.976	2.395	4.527E-11	49.035	9.807	3.107E-09	11.968	2.394	4.518E-11	-21.245	0.000	0.000E+00	24.266	4.853	3.766E-10
440	15.285	3.057	9.413E-11	23.959	4.792	3.625E-10	46.097	9.219	2.582E-09	44.576	8.915	2.334E-09	23.011	4.602	3.212E-10	44.972	8.994	2.397E-09	21.354	4.271	2.56

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
441	26.517	5.303	4.914E-10	-14.683	0.000	0.000E+00	25.699	5.140	4.474E-10	35.706	7.141	1.200E-09	27.440	5.488	5.446E-10	27.075	5.415	5.231E-10	7.307	1.461	1.028E-11
442	24.666	4.933	3.956E-10	66.348	13.270	7.698E-09	17.193	3.439	1.339E-10	24.029	4.806	3.657E-10	20.982	4.196	2.435E-10	28.232	5.646	5.931E-10	31.212	6.242	8.014E-10
443	27.401	5.480	5.422E-10	14.207	2.841	7.558E-11	-3.497	0.000	0.000E+00	34.966	6.993	1.127E-09	-4.458	0.000	0.000E+00	21.401	4.280	2.583E-10	23.189	4.638	3.286E-10
444	53.504	10.701	4.037E-09	20.976	4.195	2.432E-10	30.285	6.057	7.321E-10	25.822	5.164	4.538E-10	24.534	4.907	3.892E-10	30.637	6.127	7.579E-10	33.740	6.748	1.012E-09
445	20.775	4.155	2.363E-10	28.403	5.681	6.039E-10	25.564	5.113	4.403E-10	49.492	9.898	3.195E-09	9.915	1.983	2.569E-11	22.887	4.577	3.160E-10	18.947	3.789	1.793E-10
446	50.462	10.092	3.387E-09	27.024	5.405	5.202E-10	49.843	9.969	3.264E-09	24.665	4.933	3.955E-10	27.209	5.442	5.309E-10	18.289	3.658	1.612E-10	10.141	2.028	2.749E-11
447	28.033	5.607	5.806E-10	31.082	6.216	7.914E-10	-13.627	0.000	0.000E+00	-9.390	0.000	0.000E+00	9.974	1.995	2.615E-11	28.512	5.702	6.109E-10	19.325	3.865	1.902E-10
448	20.509	4.102	2.273E-10	51.085	10.217	3.514E-09	-17.795	0.000	0.000E+00	39.688	7.938	1.648E-09	30.136	6.027	7.213E-10	26.926	5.385	5.145E-10	6.474	1.295	7.150E-12
449	28.415	5.683	6.047E-10	20.207	4.041	2.175E-10	10.010	2.002	2.643E-11	17.001	3.400	1.295E-10	88.155	17.631	1.806E-08	-4.596	0.000	0.000E+00	19.990	3.998	2.105E-10
450	13.295	2.659	6.194E-11	48.941	9.788	3.090E-09	23.618	4.724	3.473E-10	51.727	10.345	3.648E-09	-45.970	0.000	0.000E+00	20.389	4.078	2.234E-10	23.800	4.760	3.553E-10
451	-15.625	0.000	0.000E+00	77.415	15.483	1.223E-08	22.777	4.555	3.114E-10	10.574	2.115	3.116E-11	36.664	7.333	1.299E-09	20.075	4.015	2.132E-10	30.166	6.033	7.235E-10
452	27.633	5.527	5.561E-10	24.117	4.823	3.697E-10	57.964	11.593	5.133E-09	55.295	11.059	4.456E-09	32.276	6.455	8.862E-10	16.541	3.308	1.193E-10	12.855	2.571	5.599E-11
453	131.883	26.377	6.046E-08	-8.935	0.000	0.000E+00	48.746	9.749	3.053E-09	28.790	5.758	6.290E-10	26.014	5.203	4.640E-10	-22.615	0.000	0.000E+00	16.649	3.330	1.216E-10
454	85.228	17.046	1.632E-08	21.976	4.395	2.797E-10	21.093	4.219	2.473E-10	15.927	3.185	1.065E-10	26.663	5.333	4.996E-10	22.378	4.476	2.954E-10	26.682	5.336	5.007E-10
455	49.543	9.909	3.205E-09	102.550	20.510	2.843E-08	27.067	5.413	5.226E-10	24.251	4.850	3.759E-10	8.499	1.700	1.618E-11	26.207	5.241	4.744E-10	27.479	5.496	5.469E-10
456	39.465	7.893	1.620E-09	-19.479	0.000	0.000E+00	15.703	3.141	1.021E-10	76.405	15.281	1.176E-08	12.177	2.435	4.759E-11	20.723	4.145	2.346E-10	25.198	5.040	4.217E-10
457	-57.379	0.000	0.000E+00	31.614	6.323	8.328E-10	32.529	6.506	9.072E-10	21.339	4.268	2.561E-10	78.679	15.736	1.284E-08	23.679	4.736	3.499E-10	83.718	16.744	1.546E-08
458	20.023	4.005	2.116E-10	68.895	13.779	8.619E-09	38.085	7.617	1.456E-09	23.577	4.715	3.454E-10	25.330	5.066	4.283E-10	24.051	4.810	3.667E-10	7.006	1.401	9.064E-12
459	27.028	5.406	5.204E-10	19.322	3.864	1.901E-10	21.127	4.225	2.486E-10	13.467	2.693	6.437E-11	7.841	1.568	1.271E-11	29.734	5.947	6.929E-10	51.641	10.328	3.630E-09
460	34.087	6.817	1.044E-09	19.871	3.974	2.068E-10	-30.964	0.000	0.000E+00	57.315	11.463	4.962E-09	32.408	6.482	8.971E-10	52.048	10.410	3.716E-09	20.617	4.123	2.310E-10
461	13.861	2.772	7.019E-11	23.356	4.671	3.358E-10	45.135	9.027	2.423E-09	22.170	4.434	2.872E-10	87.263	17.453	1.751E-08	20.195	4.039	2.171E-10	26.629	5.326	4.977E-10
462	22.215	4.443	2.889E-10	7.430	1.486	1.081E-11	24.278	4.856	3.772E-10	30.247	6.049	7.293E-10	11.503	2.301	4.012E-11	17.742	3.548	1.472E-10	39.135	7.827	1.580E-09
463	22.371	4.474	2.951E-10	29.281	5.856	6.617E-10	25.079	5.016	4.158E-10	29.532	5.906	6.788E-10	24.663	4.933	3.954E-10	20.398	4.080	2.237E-10	52.317	10.463	3.774E-09
464	22.899	4.580	3.165E-10	58.287	11.657	5.219E-09	-9.098	0.000	0.000E+00	51.860	10.372	3.676E-09	25.833	5.167	4.544E-10	17.159	3.432	1.332E-10	20.874	4.175	2.397E-10
465	26.821	5.364	5.085E-10	81.261	16.252	1.414E-08	-9.224	0.000	0.000E+00	13.485	2.697	6.464E-11	54.598	10.920	4.290E-09	25.311	5.062	4.274E-10	-4.286	0.000	0.000E+00
466	19.130	3.826	1.845E-10	18.316	3.663	1.619E-10	10.588	2.118	3.129E-11	92.242	18.448	2.069E-08	11.534	2.307	4.044E-11	83.256	16.651	1.521E-08	53.109	10.622	3.948E-09
467	53.749	10.750	4.093E-09	25.489	5.098	4.365E-10	21.870	4.374	2.757E-10	27.498	5.500	5.480E-10	-4.582	0.000	0.000E+00	23.325	4.665	3.345E-10	28.165	5.633	5.888E-10
468	24.155	4.831	3.715E-10	32.756	6.551	9.263E-10	11.053	2.211	3.559E-11	26.089	5.218	4.680E-10	76.622	15.324	1.186E-08	23.181	4.636	3.283E-10	19.892	3.978	2.075E-10
469	23.798	4.760	3.552E-10	23.553	4.711	3.444E-10	13.189	2.638	6.047E-11	27.509	5.502	5.487E-10	-10.058	0.000	0.000E+00	2.584	0.517	4.548E-13	45.212	9.042	2.436E-09
470	77.533	15.507	1.228E-08	43.245	8.649	2.132E-09	27.599	5.520	5.541E-10	86.253	17.251	1.691E-08	33.618	6.724	1.001E-09	29.167	5.833	6.540E-10	16.362	3.272	1.154E-10
471	22.787	4.557	3.119E-10	86.362	17.272	1.698E-08	27.206	5.441	5.307E-10	27.383	5.477	5.412E-10	56.988	11.398	4.878E-09	26.129	5.226	4.702E-10	26.099	5.220	4.685E-10
472	84.638	16.928	1.598E-08	50.961	10.192	3.488E-09	48.392	9.678	2.987E-09	52.796	10.559	3.879E-09	17.255	3.451	1.354E-10	27.118	5.424	5.256E-10	23.917	4.783	3.606E-10
473	40.344	8.069	1.731E-09	77.433	15.487	1.224E-08	9.127	1.825	2.004E-11	25.688	5.138	4.467E-10	74.524	14.905	1.091E-08	29.051	5.810	6.462E-10	18.507	3.701	1.671E-10
474	22.269	4.454	2.911E-10	21.428	4.286	2.593E-10	53.945	10.789	4.138E-09	31.798	6.360	8.474E-10	20.624	4.125	2.312E-10	10.460	2.092	3.016E-11	32.775	6.555	9.280E-10
475	27.398	5.480	5.421E-10	50.585	10.117	3.411E-09	15.749	3.150	1.030E-10	49.674	9.935	3.231E-09	26.534	5.307	4.924E-10	16.679	3.336	1.223E-10	33.181	6.636	9.629E-10
476	48.104	9.621	2.934E-09	20.010	4.002	2.112E-10	23.054	4.611	3.229E-10	25.819	5.164	4.536E-10	25.144	5.029	4.190E-10	26.372	5.274	4.834E-10	21.378	4.276	2.575E-10
477	23.549	4.710	3.442E-10	9.846	1.969	2.516E-11	85.300	17.060	1.636E-08	25.444	5.089	4.341E-10	32.457	6.491	9.012E-10	27.814	5.563	5.671E-10	39.920	7.984	1.677E-09
478	42.805	8.561	2.067E-09	37.752	7.550	1.418E-09	26.051	5.210	4.660E-10	53.456	10.691	4.026E-09	22.157	4.431	2.867E-10	137.977	27.595	6.923E-08	9.010	1.802	1.928E-11
479	20.983	4.197	2.435E-10	15.446	3.089	9.713E-11	20.362	4.072	2.225E-10	40.015	8.003	1.689E-09	16.692	3.338	1.226E-10	22.139	4.428	2.860E-10	23.530	4.706	3.433E-10
480	27.941	5.588	5.749E-10	30.859	6.172	7.745E-10	-28.050	0.000	0.000E+00	59.371	11.874	5.516E-09	17.526	3.505	1.419E-10	29.911	5.982	7.053E-10	23.322	4.664	3.343E-10
481	8.418	1.684	1.572E-11	80.452	16.090	1.372E-08	-16.273	0.000	0.000E+00	29.408	5.882	6.703E-10	-29.856	0.000	0.000E+00	-6.674	0.000	0.000E+00	53.425	10.685	4.019E-09
482	32.415	6.483	8.977E-10	80.626	16.125	1.381E-08	52.888	10.578	3.899E-09	82.200	16.440	1.464E-08	41.198	8.240	1.843E-09	4.217	0.843	1.976E-12	71.543	14.309	9.651E-09
483	23.065	4.613	3.234E-10	26.501	5.300	4.906E-10	28.346	5.669	6.003E-10	85.821	17.164	1.666E-08	53.837	10.767	4.113E-09	53.994	10.799	4.149E-09	-15.727	0.000	0.000E+00
484	27.698	5.540	5.600E-10	21.557	4.311	2.640E-10	25.784	5.157	4.518E-10	-35.895	0.000	0.000E+00	10.329	2.066	2.905E-11	25.789	5.158	4.521E-10	-18.003	0.000	0.000E+00
485	5.375	1.075	4.093E-12	42.933	8.587	2.086E-09	29.279	5.856	6.615E-10	25.762	5.152	4.507E-10	21.097	4.219	2.475E-10	15.608	3.122	1.002E-10			

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
486	35.566	7.113	1.186E-09	22.069	4.414	2.833E-10	-18.074	0.000	0.000E+00	14.462	2.892	7.973E-11	29.710	5.942	6.912E-10	30.062	6.012	7.160E-10	24.188	4.838	3.730E-10
487	27.702	5.540	5.603E-10	51.902	10.380	3.685E-09	25.968	5.194	4.615E-10	80.911	16.182	1.396E-08	27.246	5.449	5.331E-10	25.002	5.000	4.119E-10	29.422	5.884	6.713E-10
488	79.794	15.959	1.339E-08	45.106	9.021	2.419E-09	27.046	5.409	5.215E-10	17.429	3.486	1.395E-10	22.394	4.479	2.960E-10	23.447	4.689	3.397E-10	28.442	5.688	6.064E-10
489	101.741	20.348	2.776E-08	25.942	5.188	4.602E-10	44.060	8.812	2.254E-09	31.343	6.269	8.115E-10	-8.128	0.000	0.000E+00	7.991	1.598	1.345E-11	10.822	2.164	3.340E-11
490	14.930	2.986	8.772E-11	6.158	1.232	6.155E-12	26.406	5.281	4.853E-10	-39.402	0.000	0.000E+00	17.952	3.590	1.525E-10	11.010	2.202	3.518E-11	11.592	2.318	4.105E-11
491	50.314	10.063	3.357E-09	-17.124	0.000	0.000E+00	47.712	9.542	2.863E-09	18.698	3.740	1.723E-10	45.540	9.108	2.489E-09	43.477	8.695	2.166E-09	31.493	6.299	8.233E-10
492	84.637	16.927	1.598E-08	30.891	6.178	7.769E-10	27.696	5.539	5.600E-10	10.195	2.039	2.793E-11	95.680	19.136	2.309E-08	-19.297	0.000	0.000E+00	31.268	6.254	8.057E-10
493	23.374	4.675	3.366E-10	42.852	8.570	2.074E-09	22.503	4.501	3.003E-10	27.019	5.404	5.199E-10	86.722	17.344	1.719E-08	45.838	9.168	2.538E-09	17.793	3.559	1.485E-10
494	8.241	1.648	1.475E-11	25.845	5.169	4.550E-10	27.745	5.549	5.629E-10	23.319	4.664	3.342E-10	24.525	4.905	3.888E-10	25.410	5.082	4.324E-10	26.574	5.315	4.946E-10
495	18.253	3.651	1.603E-10	32.109	6.422	8.725E-10	30.734	6.147	7.651E-10	-33.475	0.000	0.000E+00	-23.443	0.000	0.000E+00	26.361	5.272	4.828E-10	73.897	14.779	1.064E-08
496	19.847	3.969	2.061E-10	21.267	4.253	2.535E-10	47.158	9.432	2.764E-09	21.286	4.257	2.542E-10	20.696	4.139	2.336E-10	47.059	9.412	2.747E-09	84.599	16.920	1.596E-08
497	18.270	3.654	1.607E-10	25.816	5.163	4.535E-10	5.330	1.066	3.991E-12	28.078	5.616	5.834E-10	10.777	2.155	3.299E-11	25.911	5.182	4.585E-10	38.465	7.693	1.500E-09
498	22.590	4.518	3.038E-10	23.952	4.790	3.622E-10	25.939	5.188	4.600E-10	-5.784	0.000	0.000E+00	26.260	5.252	4.773E-10	28.048	5.610	5.815E-10	24.583	4.917	3.916E-10
499	28.754	5.751	6.266E-10	22.389	4.478	2.958E-10	52.046	10.409	3.716E-09	21.138	4.228	2.489E-10	24.864	4.973	4.051E-10	25.278	5.056	4.257E-10	24.322	4.864	3.792E-10
500	6.768	1.354	8.171E-12	-20.030	0.000	0.000E+00	50.652	10.130	3.425E-09	24.407	4.881	3.832E-10	25.976	5.195	4.619E-10	24.518	4.904	3.885E-10	29.090	5.818	6.488E-10
501	24.104	4.821	3.691E-10	50.380	10.076	3.370E-09	49.982	9.996	3.291E-09	45.617	9.123	2.502E-09	14.908	2.982	8.733E-11	23.884	4.777	3.591E-10	43.477	8.695	2.166E-09
502	15.347	3.069	9.526E-11	44.945	8.989	2.393E-09	-48.047	0.000	0.000E+00	15.468	3.094	9.753E-11	28.593	5.719	6.161E-10	27.841	5.568	5.688E-10	26.673	5.335	5.002E-10
503	24.459	4.892	3.857E-10	-55.342	0.000	0.000E+00	26.500	5.300	4.905E-10	47.140	9.428	2.761E-09	13.137	2.627	5.975E-11	-16.722	0.000	0.000E+00	44.710	8.942	2.356E-09
504	23.824	4.765	3.564E-10	27.101	5.420	5.246E-10	-20.402	0.000	0.000E+00	19.979	3.996	2.102E-10	-5.910	0.000	0.000E+00	37.073	7.415	1.343E-09	21.512	4.302	2.624E-10
505	11.976	2.395	4.528E-11	25.466	5.093	4.353E-10	26.442	5.288	4.873E-10	27.371	5.474	5.405E-10	14.971	2.994	8.843E-11	24.887	4.977	4.062E-10	-7.601	0.000	0.000E+00
506	14.816	2.963	8.572E-11	26.976	5.395	5.174E-10	35.666	7.133	1.196E-09	25.135	5.027	4.185E-10	33.863	6.773	1.023E-09	21.620	4.324	2.663E-10	11.720	2.344	4.243E-11
507	23.632	4.726	3.479E-10	25.435	5.087	4.337E-10	18.412	3.682	1.645E-10	25.452	5.090	4.346E-10	8.881	1.776	1.846E-11	23.050	4.610	3.228E-10	23.444	4.689	3.396E-10
508	27.095	5.419	5.243E-10	31.072	6.214	7.907E-10	30.444	6.089	7.437E-10	-17.455	0.000	0.000E+00	34.374	6.875	1.070E-09	18.143	3.629	1.574E-10	22.727	4.545	3.094E-10
509	30.877	6.175	7.759E-10	16.426	3.285	1.168E-10	17.928	3.586	1.519E-10	32.083	6.417	8.704E-10	30.489	6.098	7.470E-10	5.641	1.128	4.732E-12	19.196	3.839	1.864E-10
510	59.284	11.857	5.492E-09	85.375	17.075	1.640E-08	21.535	4.307	2.632E-10	25.155	5.031	4.195E-10	12.130	2.426	4.704E-11	67.265	13.453	8.021E-09	57.154	11.431	4.921E-09
511	26.446	5.289	4.875E-10	26.665	5.333	4.997E-10	29.030	5.806	6.448E-10	28.843	5.769	6.324E-10	17.185	3.437	1.338E-10	21.894	4.379	2.766E-10	141.572	28.314	7.479E-08
512	22.310	4.462	2.927E-10	23.160	4.632	3.274E-10	89.892	17.978	1.915E-08	24.780	4.956	4.010E-10	81.501	16.300	1.427E-08	5.672	1.134	4.810E-12	24.469	4.894	3.861E-10
513	26.182	5.236	4.730E-10	15.522	3.104	9.857E-11	4.600	0.920	2.566E-12	29.786	5.957	6.965E-10	21.752	4.350	2.713E-10	26.467	5.293	4.886E-10	25.580	5.116	4.412E-10
514	26.210	5.242	4.746E-10	79.954	15.991	1.347E-08	25.212	5.042	4.224E-10	24.957	4.991	4.097E-10	24.781	4.956	4.011E-10	28.762	5.752	6.271E-10	25.432	5.086	4.336E-10
515	16.630	3.326	1.212E-10	31.889	6.378	8.547E-10	23.996	4.799	3.642E-10	8.860	1.772	1.833E-11	20.027	4.005	2.117E-10	34.077	6.815	1.043E-09	3.964	0.793	1.642E-12
516	-6.131	0.000	0.000E+00	9.551	1.910	2.296E-11	30.435	6.087	7.430E-10	19.854	3.971	2.063E-10	27.622	5.524	5.555E-10	15.240	3.048	9.329E-11	18.642	3.728	1.707E-10
517	30.066	6.013	7.164E-10	29.212	5.842	6.570E-10	48.360	9.672	2.981E-09	23.789	4.758	3.548E-10	24.041	4.808	3.662E-10	42.656	8.531	2.046E-09	45.789	9.158	2.530E-09
518	26.665	5.333	4.997E-10	-4.748	0.000	0.000E+00	24.914	4.983	4.076E-10	33.008	6.602	9.478E-10	23.827	4.765	3.565E-10	27.607	5.521	5.545E-10	24.214	4.843	3.742E-10
519	51.396	10.279	3.578E-09	28.927	5.785	6.380E-10	21.569	4.314	2.645E-10	23.946	4.789	3.619E-10	8.994	1.799	1.918E-11	33.601	6.720	9.999E-10	45.952	9.190	2.557E-09
520	22.271	4.454	2.912E-10	28.499	5.700	6.101E-10	17.931	3.586	1.519E-10	20.610	4.122	3.207E-10	75.397	15.079	1.130E-08	79.653	15.931	1.332E-08	34.360	6.872	1.069E-09
521	-30.184	0.000	0.000E+00	9.112	1.822	1.994E-11	28.625	5.725	6.182E-10	46.170	9.234	2.594E-09	90.574	18.115	1.958E-08	30.929	6.186	7.798E-10	46.899	9.380	2.719E-09
522	26.814	5.363	5.082E-10	4.979	0.996	3.254E-12	49.553	9.911	3.207E-09	54.486	10.897	4.263E-09	34.300	6.860	1.064E-09	27.675	5.535	5.587E-10	20.680	4.136	2.331E-10
523	57.417	11.483	4.989E-09	23.718	4.744	3.516E-10	23.203	4.641	3.293E-10	79.486	15.897	1.324E-08	18.413	3.683	1.645E-10	3.273	0.655	9.242E-13	70.181	14.036	9.111E-09
524	23.038	4.608	3.223E-10	19.286	3.857	1.891E-10	15.739	3.148	1.028E-10	-22.435	0.000	0.000E+00	30.965	6.193	7.825E-10	24.593	4.919	3.920E-10	-37.362	0.000	0.000E+00
525	26.451	5.290	4.878E-10	78.494	15.699	1.275E-08	-25.797	0.000	0.000E+00	7.612	1.522	1.163E-11	21.605	4.321	2.658E-10	24.807	4.961	4.024E-10	23.882	4.776	3.590E-10
526	25.540	5.108	4.391E-10	20.831	4.166	2.382E-10	13.314	2.663	6.220E-11	91.410	18.282	2.013E-08	-3.877	0.000	0.000E+00	20.240	4.048	2.185E-10	15.270	3.054	9.385E-11
527	20.918	4.184	2.412E-10	28.190	5.638	5.904E-10	20.466	4.093	2.259E-10	43.180	8.636	2.122E-09	42.213	8.443	1.645E-10	20.513	4.103	2.275E-10	20.079	4.016	2.134E-10
528	80.635	16.127	1.382E-08	7.831	1.566	1.266E-11	16.695	3.339	1.227E-10	29.462	5.892	6.740E-10	23.095	4.619	3.247E-10	27.464	5.493	5.460E-10	28.523	5.705	6.116E-10
529	36.577	7.315	1.290E-09	8.888	1.778	1.850E-11	24.906	4.981	4.072E-10	50.519	10.104	3.398E-09	82.246	16.449	1.466E-08	-12.779	0.000	0.000E+00	21.191	4.238	2.508E-10
530	24.882	4.976	4.060E-10	14.201	2.840	7.548E-11	28.733	5.747	6.252E-10	27.744	5.549	5.629E-10	20.717	4.143	2.344E-10	24.466	4.893	3.860E-10	16.642	3.328	1

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
531	23.377	4.675	3.367E-10	26.192	5.238	4.736E-10	-3.359	0.000	0.000E+00	18.526	3.705	1.676E-10	89.366	17.873	1.881E-08	35.617	7.123	1.191E-09	21.292	4.258	2.544E-10
532	29.319	5.864	6.642E-10	33.211	6.642	9.654E-10	12.035	2.407	4.594E-11	26.442	5.288	4.873E-10	32.405	6.481	8.969E-10	-6.716	0.000	0.000E+00	55.479	11.096	4.501E-09
533	53.667	10.733	4.074E-09	32.186	6.437	8.788E-10	49.864	9.973	3.268E-09	21.929	4.386	2.779E-10	26.100	5.220	4.686E-10	83.815	16.763	1.552E-08	21.766	4.353	2.718E-10
534	22.479	4.496	2.994E-10	54.362	10.872	4.234E-09	84.843	16.969	1.610E-08	-5.745	0.000	0.000E+00	21.745	4.349	2.710E-10	3.849	0.770	1.503E-12	31.104	6.221	7.931E-10
535	25.823	5.165	4.538E-10	82.446	16.489	1.477E-08	27.859	5.572	5.699E-10	27.538	5.508	5.504E-10	18.853	3.771	1.766E-10	30.870	6.174	7.753E-10	26.662	5.332	4.995E-10
536	17.887	3.577	1.508E-10	-27.460	0.000	0.000E+00	84.814	16.963	1.608E-08	56.173	11.235	4.672E-09	56.313	11.263	4.707E-09	22.083	4.417	2.838E-10	14.855	2.971	8.640E-11
537	87.967	17.593	1.794E-08	11.270	2.254	3.773E-11	30.897	6.179	7.774E-10	21.216	4.243	2.517E-10	-2.991	0.000	0.000E+00	33.702	6.740	1.009E-09	25.803	5.161	4.528E-10
538	23.591	4.718	3.460E-10	22.468	4.494	2.989E-10	28.466	5.693	6.080E-10	24.199	4.840	3.735E-10	54.994	10.999	4.384E-09	9.466	1.893	2.236E-11	26.122	5.224	4.698E-10
539	9.440	1.888	2.217E-11	28.243	5.649	5.938E-10	24.829	4.966	4.034E-10	23.522	4.704	3.430E-10	26.821	5.364	5.085E-10	31.045	6.209	7.886E-10	45.450	9.090	2.474E-09
540	27.936	5.587	5.746E-10	67.564	13.513	8.129E-09	-6.757	0.000	0.000E+00	23.864	4.773	3.582E-10	21.449	4.290	2.601E-10	28.884	5.777	6.351E-10	50.575	10.115	3.410E-09
541	30.800	6.160	7.701E-10	27.910	5.582	5.730E-10	47.440	9.488	2.814E-09	21.745	4.349	2.710E-10	146.750	29.350	8.330E-08	36.858	7.372	1.320E-09	20.325	4.065	2.213E-10
542	27.998	5.600	5.785E-10	48.411	9.682	2.990E-09	-4.444	0.000	0.000E+00	25.054	5.011	4.145E-10	28.453	5.691	6.071E-10	21.697	4.339	2.692E-10	83.503	16.701	1.535E-08
543	65.002	13.000	7.239E-09	20.390	4.078	2.234E-10	49.600	9.920	3.216E-09	22.992	4.598	3.204E-10	49.335	9.867	3.165E-09	28.296	5.659	5.971E-10	15.706	3.141	1.021E-10
544	33.375	6.675	9.798E-10	32.229	6.446	8.823E-10	14.910	2.982	8.737E-11	-27.605	0.000	0.000E+00	54.120	10.824	4.178E-09	82.277	16.455	1.468E-08	21.399	4.280	2.583E-10
545	27.535	5.507	5.502E-10	5.951	1.190	5.555E-12	7.678	1.536	1.193E-11	25.879	5.176	4.568E-10	88.341	17.668	1.817E-08	24.977	4.995	4.107E-10	14.214	2.843	7.570E-11
546	13.745	2.749	6.844E-11	27.521	5.504	5.494E-10	20.646	4.129	2.319E-10	27.678	5.536	5.589E-10	-4.422	0.000	0.000E+00	49.219	9.844	3.143E-09	6.734	1.347	8.049E-12
547	51.188	10.238	3.535E-09	9.566	1.913	2.308E-11	10.758	2.152	3.281E-11	23.278	4.656	3.325E-10	21.830	4.366	2.742E-10	18.231	3.646	1.597E-10	21.786	4.357	2.725E-10
548	35.121	7.024	1.142E-09	24.367	4.873	3.813E-10	27.635	5.527	5.563E-10	145.273	29.055	8.081E-08	10.344	2.069	2.917E-11	22.913	4.583	3.170E-10	23.701	4.740	3.509E-10
549	15.684	3.137	1.017E-10	83.146	16.629	1.515E-08	142.156	28.431	7.571E-08	-3.981	0.000	0.000E+00	51.637	10.327	3.629E-09	26.361	5.272	4.828E-10	27.216	5.443	5.313E-10
550	-28.144	0.000	0.000E+00	19.036	3.807	1.818E-10	38.669	7.734	1.524E-09	55.730	11.146	4.562E-09	17.590	3.518	1.434E-10	28.385	5.677	6.028E-10	73.539	14.708	1.048E-08
551	19.780	3.956	2.040E-10	9.840	1.968	2.511E-11	50.784	10.157	3.452E-09	23.733	4.747	3.523E-10	27.311	5.462	5.369E-10	29.132	5.826	6.516E-10	-15.008	0.000	0.000E+00
552	28.202	5.640	5.912E-10	22.785	4.557	3.118E-10	22.086	4.417	2.840E-10	84.509	16.902	1.591E-08	17.754	3.551	1.475E-10	147.994	29.599	8.543E-08	27.010	5.402	5.194E-10
553	30.229	6.046	7.281E-10	21.612	4.322	2.661E-10	19.342	3.868	1.907E-10	16.323	3.265	1.146E-10	18.703	3.741	1.724E-10	18.435	3.687	1.651E-10	26.532	5.306	4.923E-10
554	55.438	11.088	4.491E-09	29.816	5.963	6.986E-10	40.365	8.073	1.733E-09	-25.271	0.000	0.000E+00	31.419	6.284	8.174E-10	57.182	11.436	4.928E-09	31.610	6.322	8.325E-10
555	25.563	5.113	4.403E-10	19.663	3.933	2.004E-10	22.646	4.529	3.061E-10	33.041	6.608	9.507E-10	24.445	4.889	3.850E-10	78.528	15.706	1.276E-08	21.847	4.369	2.748E-10
556	21.647	4.329	2.674E-10	28.194	5.639	5.907E-10	29.452	5.890	6.734E-10	23.779	4.756	3.544E-10	21.047	4.209	2.457E-10	10.205	2.041	2.801E-11	25.161	5.032	4.198E-10
557	28.889	5.778	6.355E-10	17.174	3.435	1.335E-10	14.255	2.851	7.635E-11	10.336	2.067	2.910E-11	25.654	5.131	4.450E-10	24.368	4.874	3.814E-10	28.899	5.780	6.361E-10
558	31.954	6.391	8.599E-10	32.249	6.450	8.840E-10	24.795	4.959	4.018E-10	28.921	5.784	6.375E-10	60.266	12.053	5.769E-09	12.419	2.484	5.049E-11	-26.993	0.000	0.000E+00
559	21.267	4.253	2.535E-10	27.311	5.462	5.369E-10	15.789	3.158	1.037E-10	24.680	4.936	3.962E-10	20.413	4.083	2.242E-10	29.405	5.881	6.702E-10	23.295	4.659	3.332E-10
560	19.428	3.886	1.933E-10	18.687	3.737	1.720E-10	84.822	16.964	1.608E-08	28.865	5.773	6.338E-10	24.864	4.973	4.052E-10	26.420	5.284	4.861E-10	25.903	5.181	4.581E-10
561	83.075	16.615	1.511E-08	-26.856	0.000	0.000E+00	30.811	6.162	7.709E-10	72.652	14.530	1.011E-08	21.414	4.283	2.588E-10	39.988	7.998	1.685E-09	19.605	3.921	1.986E-10
562	22.696	4.539	3.081E-10	40.018	8.004	1.689E-09	11.852	2.370	4.388E-11	18.450	3.690	1.655E-10	35.455	7.091	1.175E-09	20.184	4.037	2.167E-10	-13.654	0.000	0.000E+00
563	53.359	10.672	4.004E-09	51.415	10.283	3.582E-09	48.592	9.718	3.024E-09	21.807	4.361	2.733E-10	19.611	3.922	1.988E-10	29.324	5.865	6.646E-10	26.342	5.268	4.818E-10
564	18.495	3.699	1.667E-10	30.838	6.168	7.730E-10	-5.644	0.000	0.000E+00	29.139	5.828	6.521E-10	23.971	4.794	3.630E-10	26.008	5.202	4.637E-10	28.107	5.621	5.852E-10
565	20.101	4.020	2.141E-10	30.280	6.056	7.318E-10	16.028	3.206	1.085E-10	29.847	5.969	7.008E-10	85.722	17.144	1.660E-08	70.073	14.015	9.069E-09	26.108	5.222	4.690E-10
566	30.970	6.194	7.829E-10	12.608	2.522	5.283E-11	57.654	11.531	5.051E-09	70.290	14.058	9.153E-09	28.021	5.604	5.799E-10	-18.317	0.000	0.000E+00	24.763	4.953	4.002E-10
567	29.411	5.882	6.705E-10	-21.524	0.000	0.000E+00	19.752	3.950	2.031E-10	11.864	2.373	4.402E-11	22.409	4.482	2.966E-10	29.875	5.975	7.028E-10	25.260	5.052	4.248E-10
568	21.333	4.267	2.559E-10	20.220	4.044	2.179E-10	36.486	7.297	1.280E-09	30.355	6.071	7.372E-10	18.389	3.678	1.639E-10	24.263	4.853	3.765E-10	38.430	7.686	1.496E-09
569	23.561	4.712	3.447E-10	28.820	5.764	6.309E-10	26.004	5.201	4.634E-10	-6.953	0.000	0.000E+00	-22.290	0.000	0.000E+00	20.876	4.175	2.398E-10	14.405	2.881	7.878E-11
570	31.445	6.289	8.195E-10	18.327	3.665	1.622E-10	23.355	4.671	3.357E-10	53.247	10.649	3.979E-09	23.464	4.693	3.405E-10	29.335	5.867	6.653E-10	3.917	0.783	1.584E-12
571	25.381	5.076	4.309E-10	26.146	5.229	4.711E-10	23.446	4.689	3.397E-10	-11.602	0.000	0.000E+00	51.410	10.282	3.581E-09	5.492	1.098	4.366E-12	23.531	4.706	3.434E-10
572	25.775	5.155	4.513E-10	21.790	4.358	2.727E-10	44.612	8.922	2.340E-09	20.544	4.109	2.285E-10	18.116	3.623	1.639E-10	29.706	5.941	6.909E-10	44.294	8.859	2.290E-09
573	11.162	2.232	3.666E-11	23.419	4.684	3.385E-10	31.629	6.326	8.339E-10	50.544	10.109	3.403E-09	123.213	24.643	4.930E-08	-16.017	0.000	0.000E+00	23.538	4.708	3.437E-10
574	-12.656	0.000	0.000E+00	30.210	6.042	7.267E-10	30.355	6.071	7.372E-10	16.032	3.206	1.086E-10	88.610	17.722	1.834E-08	19.503	3.901	1.955E-10	25.027	5.005	4.132E-10
575	29.061	5.812	6.469E-10	47.741	9.548	2.868E-09	26.346	5.269	4.820E-10	25.074	5.015	4.155E-10	-46.877	0.000	0.000E+00	23.147	4.629	3.269E-10			

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
576	27.350	5.470	5.392E-10	28.437	5.687	6.061E-10	14.117	2.823	7.415E-11	83.995	16.799	1.562E-08	19.279	3.856	1.889E-10	31.484	6.297	8.225E-10	28.200	5.640	5.911E-10
577	21.540	4.308	2.634E-10	43.574	8.715	2.181E-09	32.180	6.436	8.783E-10	43.514	8.703	2.172E-09	23.313	4.663	3.339E-10	56.735	11.347	4.813E-09	22.303	4.461	2.924E-10
578	17.830	3.566	1.494E-10	25.747	5.149	4.499E-10	26.804	5.361	5.076E-10	25.380	5.076	4.309E-10	-17.993	0.000	0.000E+00	-46.736	0.000	0.000E+00	50.620	10.124	3.419E-09
579	48.126	9.625	2.938E-09	61.520	12.304	6.137E-09	86.821	17.364	1.725E-08	30.916	6.183	7.788E-10	15.225	3.045	9.301E-11	29.291	5.858	6.624E-10	57.533	11.507	5.019E-09
580	22.630	4.526	3.054E-10	47.852	9.570	2.888E-09	26.892	5.378	5.126E-10	51.444	10.289	3.588E-09	29.152	5.830	6.530E-10	13.716	2.743	6.800E-11	18.982	3.796	1.803E-10
581	-11.463	0.000	0.000E+00	25.776	5.155	4.514E-10	36.058	7.212	1.236E-09	20.853	4.171	2.390E-10	8.297	1.659	1.506E-11	9.107	1.821	1.991E-11	24.210	4.842	3.740E-10
582	31.410	6.282	8.167E-10	29.970	5.994	7.095E-10	23.637	4.727	3.481E-10	3.968	0.794	1.647E-12	23.795	4.759	3.551E-10	28.744	5.749	6.259E-10	27.345	5.469	5.389E-10
583	24.372	4.874	3.816E-10	23.207	4.641	3.294E-10	-7.855	0.000	0.000E+00	7.226	1.445	9.946E-12	32.266	6.453	8.853E-10	22.812	4.562	3.129E-10	33.311	6.662	9.742E-10
584	26.536	5.307	4.925E-10	27.639	5.528	5.565E-10	25.786	5.157	4.519E-10	51.454	10.291	3.590E-09	16.628	3.326	1.212E-10	23.901	4.780	3.599E-10	20.154	4.031	2.158E-10
585	-3.516	0.000	0.000E+00	18.225	3.645	1.596E-10	23.237	4.647	3.307E-10	15.260	3.052	9.366E-11	15.086	3.017	9.049E-11	25.617	5.123	4.431E-10	54.913	10.983	4.364E-09
586	44.975	8.995	2.398E-09	49.440	9.888	3.185E-09	22.777	4.555	3.114E-10	18.649	3.730	1.709E-10	27.061	5.412	5.223E-10	37.309	7.462	1.369E-09	40.309	8.062	1.726E-09
587	-14.470	0.000	0.000E+00	-33.786	0.000	0.000E+00	13.082	2.616	5.901E-11	22.559	4.512	3.026E-10	22.157	4.431	2.867E-10	24.700	4.940	3.972E-10	10.343	2.069	2.916E-11
588	33.374	6.675	9.798E-10	46.275	9.255	2.612E-09	7.930	1.586	1.314E-11	29.052	5.810	6.463E-10	15.949	3.190	1.069E-10	32.417	6.483	8.978E-10	-2.427	0.000	0.000E+00
589	36.794	7.359	1.313E-09	25.976	5.195	4.620E-10	30.059	6.012	7.158E-10	47.239	9.448	2.778E-09	42.982	8.596	2.093E-09	29.448	5.890	6.730E-10	28.039	5.608	5.810E-10
590	26.087	5.217	4.679E-10	20.169	4.034	2.162E-10	30.681	6.136	7.612E-10	41.975	8.395	1.949E-09	20.306	4.061	2.207E-10	48.437	9.687	2.995E-09	49.027	9.805	3.106E-09
591	30.830	6.166	7.724E-10	41.536	8.307	1.889E-09	28.897	5.779	6.360E-10	6.011	1.202	5.723E-12	-23.200	0.000	0.000E+00	56.725	11.345	4.811E-09	13.846	2.769	6.996E-11
592	-22.101	0.000	0.000E+00	17.309	3.462	1.367E-10	25.826	5.165	4.540E-10	16.607	3.321	1.207E-10	25.678	5.136	4.463E-10	23.460	4.692	3.403E-10	-26.779	0.000	0.000E+00
593	27.651	5.530	5.572E-10	29.302	5.860	6.631E-10	23.732	4.746	3.523E-10	27.664	5.533	5.580E-10	23.491	4.698	3.417E-10	22.736	4.547	3.098E-10	58.001	11.600	5.143E-09
594	6.402	1.280	6.916E-12	83.378	16.676	1.528E-08	13.615	2.723	6.651E-11	8.311	1.662	1.513E-11	11.491	2.298	3.999E-11	30.497	6.099	7.476E-10	26.632	5.326	4.978E-10
595	-21.400	0.000	0.000E+00	-83.386	0.000	0.000E+00	33.297	6.659	9.730E-10	74.613	14.923	1.095E-08	30.112	6.022	7.197E-10	49.401	9.880	3.178E-09	-18.152	0.000	0.000E+00
596	21.072	4.214	2.466E-10	24.079	4.816	3.680E-10	8.946	1.789	1.887E-11	37.309	7.462	1.369E-09	90.135	18.027	1.930E-08	36.509	7.302	1.283E-09	20.759	4.152	2.358E-10
597	53.017	10.603	3.928E-09	23.412	4.682	3.382E-10	27.198	5.440	5.303E-10	48.314	9.663	2.972E-09	25.552	5.110	4.397E-10	18.395	3.679	1.641E-10	25.249	5.050	4.243E-10
598	22.713	4.543	3.088E-10	30.425	6.085	7.423E-10	25.729	5.146	4.489E-10	52.149	10.430	3.738E-09	83.842	16.768	1.553E-08	25.014	5.003	4.125E-10	24.879	4.976	4.059E-10
599	22.083	4.417	2.838E-10	55.665	11.133	4.546E-09	18.596	3.719	1.695E-10	44.825	8.965	2.374E-09	28.555	5.711	6.137E-10	6.554	1.311	7.421E-12	23.599	4.720	3.464E-10
600	25.512	5.102	4.377E-10	24.966	4.993	4.101E-10	138.383	27.677	6.985E-08	67.643	13.529	8.157E-09	6.195	1.239	6.267E-12	17.346	3.469	1.375E-10	40.002	8.000	1.687E-09
601	23.554	4.711	3.444E-10	29.125	5.825	6.512E-10	20.855	4.171	2.391E-10	56.756	11.351	4.819E-09	23.964	4.793	3.627E-10	-20.789	0.000	0.000E+00	27.153	5.431	5.277E-10
602	25.231	5.046	4.233E-10	19.812	3.962	2.050E-10	24.964	4.993	4.101E-10	82.891	16.578	1.501E-08	90.918	18.184	1.981E-08	26.631	5.326	4.978E-10	53.774	10.755	4.098E-09
603	12.025	2.405	4.583E-11	18.287	3.657	1.612E-10	20.981	4.196	2.434E-10	26.674	5.335	5.002E-10	31.368	6.274	8.135E-10	30.898	6.180	7.774E-10	87.327	17.465	1.755E-08
604	-14.268	0.000	0.000E+00	19.874	3.975	2.069E-10	27.606	5.521	5.545E-10	24.732	4.946	3.987E-10	26.061	5.212	4.665E-10	18.913	3.783	1.783E-10	25.198	5.040	4.217E-10
605	27.505	5.501	5.485E-10	32.247	6.449	8.838E-10	135.434	27.087	6.547E-08	30.900	6.180	7.776E-10	72.401	14.480	1.000E-08	-14.389	0.000	0.000E+00	12.681	2.536	5.374E-11
606	31.362	6.272	8.130E-10	24.392	4.878	3.825E-10	20.222	4.044	2.179E-10	-18.957	0.000	0.000E+00	28.084	5.617	5.838E-10	22.780	4.556	3.116E-10	38.932	7.786	1.555E-09
607	26.971	5.394	5.171E-10	25.314	5.063	4.276E-10	4.293	0.859	2.086E-12	33.464	6.693	9.877E-10	25.046	5.009	4.141E-10	8.024	1.605	1.362E-11	39.458	7.892	1.619E-09
608	23.827	4.765	3.565E-10	30.481	6.096	7.464E-10	34.248	6.850	1.059E-09	18.919	3.784	1.785E-10	24.771	4.954	4.006E-10	22.788	4.558	3.119E-10	28.086	5.617	5.839E-10
609	21.178	4.236	2.503E-10	19.380	3.876	1.919E-10	19.186	3.837	1.861E-10	57.060	11.412	4.897E-09	26.842	5.368	5.097E-10	19.356	3.871	1.911E-10	47.333	9.467	2.795E-09
610	22.958	4.592	3.189E-10	26.938	5.388	5.152E-10	23.335	4.667	3.349E-10	54.218	10.844	4.201E-09	9.421	1.884	2.204E-11	32.509	6.502	9.055E-10	33.734	6.747	1.012E-09
611	50.235	10.047	3.341E-09	-5.126	0.000	0.000E+00	22.931	4.586	3.178E-10	56.722	11.344	4.810E-09	86.617	17.323	1.713E-08	27.185	5.437	5.295E-10	25.727	5.145	4.488E-10
612	18.991	3.798	1.805E-10	29.434	5.887	6.721E-10	16.148	3.230	1.110E-10	82.943	16.589	1.504E-08	9.547	1.909	2.293E-11	19.775	3.955	2.038E-10	26.299	5.260	4.794E-10
613	138.306	27.661	6.973E-08	24.114	4.823	3.696E-10	18.138	3.628	1.573E-10	48.106	9.621	2.934E-09	26.642	5.328	4.984E-10	-12.099	0.000	0.000E+00	27.903	5.581	5.726E-10
614	28.936	5.787	6.386E-10	49.341	9.868	3.166E-09	38.897	7.779	1.551E-09	15.434	3.087	9.690E-11	9.676	1.935	2.388E-11	33.218	6.644	9.661E-10	57.290	11.458	4.956E-09
615	50.399	10.080	3.374E-09	-23.063	0.000	0.000E+00	28.062	5.612	5.824E-10	6.189	1.238	6.248E-12	27.660	5.532	5.578E-10	7.770	1.554	1.236E-11	-32.186	0.000	0.000E+00
616	15.801	3.160	1.040E-10	34.950	6.990	1.125E-09	15.592	3.118	9.992E-11	-13.074	0.000	0.000E+00	9.574	1.915	2.313E-11	8.890	1.778	1.852E-11	34.620	6.924	1.094E-09
617	30.246	6.049	7.293E-10	51.277	10.255	3.554E-09	14.909	2.982	8.734E-11	27.301	5.460	5.363E-10	23.013	4.603	3.212E-10	22.808	4.562	3.127E-10	22.673	4.535	3.072E-10
618	30.286	6.057	7.322E-10	33.292	6.658	9.726E-10	53.334	10.667	3.998E-09	45.771	9.154	2.527E-09	79.521	15.904	1.325E-08	37.646	7.529	1.406E-09	24.799	4.960	4.019E-10
619	18.744	3.749	1.736E-10	7.307	1.461	1.028E-11	40.323	8.065	1.728E-09	32.952	6.590	9.431E-10	18.071	3.614	1.555E-10	10.874	2.175	3.388E-11	24.436	4.887	3.846E-10
620	16.682	3.336	1.224E-10	52.497	10.499	3.813E-09	26.010	5.202	4.638E-10	21.881	4.376	2.761E-10	33.955	6.791	1.032E-09	31.166	6.233	7.978E-10	26.808	5.3	

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
621	23.476	4.695	3.410E-10	-3.398	0.000	0.000E+00	37.884	7.577	1.433E-09	15.808	3.162	1.041E-10	19.608	3.922	1.987E-10	45.444	9.089	2.474E-09	26.917	5.383	5.140E-10
622	21.067	4.213	2.464E-10	21.714	4.343	2.698E-10	32.404	6.481	8.968E-10	22.308	4.462	2.926E-10	21.931	4.386	2.780E-10	10.230	2.046	2.822E-11	27.656	5.531	5.575E-10
623	24.935	4.987	4.086E-10	11.812	2.362	4.344E-11	26.999	5.400	5.187E-10	29.690	5.938	6.898E-10	5.949	1.190	5.548E-12	38.428	7.686	1.496E-09	24.732	4.946	3.987E-10
624	46.279	9.256	2.612E-09	-4.729	0.000	0.000E+00	27.308	5.462	5.367E-10	70.525	14.105	9.245E-09	22.677	4.535	3.074E-10	-25.508	0.000	0.000E+00	38.757	7.751	1.534E-09
625	6.124	1.225	6.054E-12	34.663	6.933	1.098E-09	26.641	5.328	4.984E-10	48.387	9.677	2.986E-09	19.100	3.820	1.837E-10	10.986	2.197	3.495E-11	19.278	3.856	1.888E-10
626	23.242	4.648	3.309E-10	25.776	5.155	4.514E-10	25.486	5.097	4.363E-10	-21.369	0.000	0.000E+00	27.994	5.599	5.782E-10	28.539	5.708	6.126E-10	14.775	2.955	8.501E-11
627	10.072	2.014	2.693E-11	23.962	4.792	3.626E-10	20.764	4.153	2.359E-10	52.278	10.456	3.766E-09	55.106	11.021	4.411E-09	19.528	3.906	1.963E-10	22.229	4.446	2.895E-10
628	29.643	5.929	6.865E-10	-14.821	0.000	0.000E+00	46.652	9.330	2.676E-09	-11.629	0.000	0.000E+00	17.266	3.453	1.357E-10	9.084	1.817	1.976E-11	49.412	9.882	3.180E-09
629	24.865	4.973	4.052E-10	24.034	4.807	3.659E-10	29.674	5.935	6.886E-10	64.023	12.805	6.917E-09	30.666	6.133	7.601E-10	54.547	10.909	4.278E-09	27.035	5.407	5.208E-10
630	49.487	9.897	3.194E-09	-15.707	0.000	0.000E+00	26.262	5.252	4.774E-10	22.900	4.580	3.165E-10	25.775	5.155	4.513E-10	-8.201	0.000	0.000E+00	48.010	9.602	2.917E-09
631	26.875	5.375	5.116E-10	-24.013	0.000	0.000E+00	37.518	7.504	1.392E-09	22.598	4.520	3.042E-10	-31.091	0.000	0.000E+00	7.563	1.513	1.140E-11	27.047	5.409	5.215E-10
632	25.095	5.019	4.165E-10	23.352	4.670	3.356E-10	25.715	5.143	4.482E-10	21.704	4.341	2.695E-10	23.111	4.622	3.254E-10	32.328	6.466	8.905E-10	27.125	5.425	5.260E-10
633	14.303	2.861	7.712E-11	21.652	4.330	2.675E-10	5.991	1.198	5.668E-12	45.365	9.073	2.461E-09	28.770	5.754	6.276E-10	43.504	8.701	2.170E-09	44.488	8.898	2.321E-09
634	6.724	1.345	8.012E-12	25.116	5.023	4.176E-10	48.571	9.714	3.020E-09	23.729	4.746	3.521E-10	17.785	3.557	1.483E-10	25.037	5.007	4.137E-10	20.354	4.071	2.223E-10
635	18.694	3.739	1.722E-10	31.770	6.354	8.451E-10	50.255	10.051	3.345E-09	32.370	6.474	8.939E-10	24.472	4.894	3.863E-10	5.875	1.175	5.344E-12	17.285	3.457	1.361E-10
636	19.026	3.805	1.815E-10	20.430	4.086	2.248E-10	21.442	4.288	2.598E-10	23.076	4.615	3.239E-10	28.602	5.720	6.167E-10	17.149	3.430	1.329E-10	48.184	9.637	2.949E-09
637	35.812	7.162	1.211E-09	20.175	4.035	2.164E-10	29.553	5.911	6.803E-10	29.638	5.928	6.862E-10	-24.116	0.000	0.000E+00	11.992	2.398	4.545E-11	26.781	5.356	5.063E-10
638	-34.929	0.000	0.000E+00	23.369	4.674	3.364E-10	16.328	3.266	1.147E-10	-26.258	0.000	0.000E+00	9.131	1.826	2.007E-11	22.042	4.408	2.822E-10	7.883	1.577	1.291E-11
639	4.657	0.931	2.663E-12	28.719	5.744	6.243E-10	27.902	5.580	5.726E-10	50.613	10.123	3.417E-09	20.587	4.117	2.300E-10	25.339	5.068	4.288E-10	22.915	4.583	3.171E-10
640	16.919	3.384	1.276E-10	24.064	4.813	3.673E-10	24.595	4.919	3.921E-10	-4.112	0.000	0.000E+00	16.689	3.338	1.225E-10	10.608	2.122	3.146E-11	29.741	5.948	6.934E-10
641	4.152	0.830	1.887E-12	22.088	4.418	2.840E-10	27.071	5.414	5.229E-10	18.273	3.655	1.608E-10	26.265	5.253	4.776E-10	30.581	6.116	7.537E-10	25.091	5.018	4.163E-10
642	22.750	4.550	3.103E-10	71.950	14.390	9.817E-09	40.817	8.163	1.792E-09	27.846	5.569	5.691E-10	31.758	6.352	8.442E-10	21.521	4.304	2.627E-10	54.926	10.985	4.368E-09
643	28.667	5.733	6.209E-10	13.638	2.728	6.685E-11	-23.486	0.000	0.000E+00	27.167	5.433	5.285E-10	89.615	17.923	1.897E-08	6.998	1.400	9.034E-12	26.259	5.252	4.772E-10
644	11.115	2.223	3.619E-11	23.707	4.741	3.512E-10	14.550	2.910	8.119E-11	-21.832	0.000	0.000E+00	18.322	3.664	1.621E-10	24.863	4.973	4.051E-10	20.350	4.070	2.221E-10
645	54.246	10.849	4.207E-09	30.280	6.056	7.317E-10	47.847	9.569	2.887E-09	32.937	6.587	9.418E-10	19.173	3.835	1.858E-10	29.928	5.986	7.065E-10	19.861	3.972	2.065E-10
646	25.469	5.094	4.354E-10	15.461	3.092	9.740E-11	25.588	5.118	4.416E-10	-11.522	0.000	0.000E+00	30.674	6.135	7.607E-10	25.590	5.118	4.417E-10	26.173	5.235	4.725E-10
647	9.870	1.974	2.535E-11	4.296	0.859	2.089E-12	40.105	8.021	1.700E-09	29.277	5.855	6.614E-10	27.554	5.511	5.514E-10	22.701	4.540	3.083E-10	8.027	1.605	1.363E-11
648	16.012	3.202	1.082E-10	23.173	4.635	3.280E-10	43.616	8.723	2.187E-09	13.754	2.751	6.857E-11	87.115	17.423	1.743E-08	49.822	9.964	3.260E-09	24.112	4.822	3.695E-10
649	50.240	10.048	3.342E-09	27.332	5.466	5.382E-10	9.911	1.982	2.566E-11	22.905	4.581	3.167E-10	31.054	6.211	7.893E-10	26.254	5.251	4.770E-10	25.745	5.149	4.498E-10
650	34.199	6.840	1.054E-09	49.075	9.815	3.115E-09	18.672	3.734	1.716E-10	17.845	3.569	1.498E-10	23.248	4.650	3.312E-10	52.197	10.439	3.748E-09	28.291	5.658	5.968E-10
651	22.565	4.513	3.028E-10	12.358	2.472	4.975E-11	8.012	1.602	1.356E-11	16.870	3.374	1.265E-10	26.015	5.203	4.641E-10	29.694	5.939	6.901E-10	55.070	11.014	4.402E-09
652	25.713	5.143	4.481E-10	20.595	4.119	2.302E-10	49.907	9.981	3.276E-09	77.899	15.580	1.246E-08	16.600	3.320	1.206E-10	28.530	5.706	6.121E-10	20.629	4.126	2.314E-10
653	28.921	5.784	6.376E-10	24.177	4.835	3.725E-10	27.464	5.493	5.460E-10	19.408	3.882	1.927E-10	22.761	4.552	3.108E-10	23.468	4.694	3.407E-10	16.235	3.247	1.128E-10
654	26.186	5.237	4.733E-10	30.702	6.140	7.628E-10	-28.697	0.000	0.000E+00	-24.752	0.000	0.000E+00	11.656	2.331	4.174E-11	51.968	10.394	3.699E-09	20.713	4.143	2.342E-10
655	52.985	10.597	3.921E-09	23.588	4.718	3.459E-10	15.089	3.018	9.054E-11	24.169	4.834	3.721E-10	30.568	6.114	7.528E-10	16.722	3.344	1.232E-10	27.897	5.579	5.722E-10
656	-15.230	0.000	0.000E+00	8.532	1.706	1.637E-11	6.410	1.282	6.942E-12	29.464	5.893	6.741E-10	28.158	5.632	5.884E-10	18.549	3.710	1.682E-10	-15.445	0.000	0.000E+00
657	-2.989	0.000	0.000E+00	15.248	3.050	9.343E-11	24.246	4.849	3.757E-10	26.026	5.205	4.646E-10	14.118	2.824	7.417E-11	23.782	4.756	3.545E-10	-12.416	0.000	0.000E+00
658	21.130	4.226	2.486E-10	56.017	11.203	4.633E-09	15.825	3.165	1.045E-10	26.170	5.234	4.724E-10	26.150	5.230	4.713E-10	23.256	4.651	3.315E-10	17.615	3.523	1.441E-10
659	24.917	4.983	4.077E-10	46.299	9.260	2.616E-09	26.040	5.208	4.654E-10	55.098	11.020	4.408E-09	55.461	11.092	4.496E-09	26.242	5.248	4.763E-10	22.004	4.401	2.808E-10
660	24.079	4.816	3.680E-10	30.109	6.022	7.194E-10	23.663	4.733	3.492E-10	16.725	3.345	1.233E-10	26.781	5.356	5.062E-10	14.394	2.879	7.860E-11	20.903	4.181	2.407E-10
661	22.516	4.503	3.009E-10	49.256	9.851	3.150E-09	-12.930	0.000	0.000E+00	47.666	9.533	2.854E-09	32.357	6.471	8.929E-10	12.693	2.539	5.389E-11	55.181	11.036	4.428E-09
662	9.769	1.954	2.457E-11	28.655	5.731	6.201E-10	53.097	10.619	3.946E-09	14.749	2.950	8.456E-11	24.287	4.857	3.716E-10	27.363	5.473	5.400E-10	27.456	5.491	5.455E-10
663	20.233	4.047	2.183E-10	19.235	3.847	1.876E-10	26.362	5.272	4.829E-10	27.528	5.506	5.498E-10	169.353	33.871	1.280E-07	29.764	5.953	6.950E-10	-5.511	0.000	0.000E+00
664	20.322	4.064	2.212E-10	24.657	4.931	3.951E-10	15.622	3.124	1.005E-10	3.865	0.773	1.522E-12	24.908	4.982	4.073E-10	20.018	4.004	2.114E-10	25.861	5.172	4.559E-10
665	26.160	5.232	4.719E-10	15.095	3.019	9.065E-11	32.734	6.547	9.244E-10	41.678	8.336	1.908E-09	26.784	5.357	5.064E-10	22.081	4.416	2.838E-10	25.695	5.139	4.471E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
666	30.914	6.183	7.786E-10	12.223	2.445	4.813E-11	44.883	8.977	2.383E-09	116.566	23.313	4.174E-08	28.240	5.648	5.936E-10	21.166	4.233	2.499E-10	26.866	5.373	5.111E-10
667	23.598	4.720	3.464E-10	39.013	7.803	1.565E-09	19.860	3.972	2.065E-10	24.913	4.983	4.075E-10	23.811	4.762	3.558E-10	26.940	5.388	5.153E-10	12.244	2.449	4.838E-11
668	79.929	15.986	1.346E-08	18.811	3.762	1.754E-10	43.730	8.746	2.204E-09	7.425	1.485	1.079E-11	32.604	6.521	9.135E-10	20.279	4.056	2.198E-10	28.316	5.663	5.984E-10
669	24.750	4.950	3.996E-10	21.353	4.271	2.566E-10	15.305	3.061	9.449E-11	48.943	9.789	3.090E-09	26.565	5.313	4.941E-10	26.444	5.289	4.874E-10	61.627	12.325	6.169E-09
670	23.491	4.698	3.417E-10	28.813	5.763	6.305E-10	41.247	8.249	1.850E-09	25.055	5.011	4.146E-10	6.054	1.211	5.848E-12	28.183	5.637	5.900E-10	19.221	3.844	1.871E-10
671	23.764	4.753	3.537E-10	28.285	5.657	5.964E-10	25.234	5.047	4.235E-10	35.780	7.156	1.207E-09	28.184	5.637	5.901E-10	26.639	5.328	4.982E-10	28.202	5.640	5.912E-10
672	25.441	5.088	4.340E-10	25.800	5.160	4.526E-10	35.397	7.079	1.169E-09	27.563	5.513	5.519E-10	5.109	1.022	3.515E-12	24.184	4.837	3.728E-10	25.524	5.105	4.383E-10
673	27.798	5.560	5.661E-10	8.132	1.626	1.417E-11	31.541	6.308	8.270E-10	42.732	8.546	2.057E-09	87.040	17.408	1.738E-08	19.680	3.936	2.009E-10	43.359	8.672	2.148E-09
674	27.142	5.428	5.270E-10	51.644	10.329	3.630E-09	8.838	1.768	1.820E-11	25.862	5.172	4.559E-10	11.092	2.218	3.596E-11	32.195	6.439	8.795E-10	26.368	5.274	4.832E-10
675	-5.851	0.000	0.000E+00	20.757	4.151	2.357E-10	25.461	5.092	4.350E-10	-18.999	0.000	0.000E+00	21.302	4.260	2.548E-10	48.730	9.746	3.050E-09	24.638	4.928	3.942E-10
676	21.320	4.264	2.554E-10	36.922	7.384	1.327E-09	24.475	4.895	3.864E-10	23.954	4.791	3.622E-10	27.932	5.586	5.744E-10	20.387	4.077	2.233E-10	27.693	5.539	5.597E-10
677	38.451	7.690	1.498E-09	25.287	5.057	4.262E-10	26.246	5.249	4.765E-10	-39.709	0.000	0.000E+00	23.533	4.707	3.435E-10	27.501	5.500	5.482E-10	32.093	6.419	8.712E-10
678	27.407	5.481	5.426E-10	4.633	0.927	2.622E-12	23.281	4.656	3.326E-10	4.166	0.833	1.905E-12	9.038	1.808	1.946E-11	-7.416	0.000	0.000E+00	20.179	4.036	2.166E-10
679	28.390	5.678	6.031E-10	28.063	5.613	5.825E-10	55.749	11.150	4.567E-09	13.690	2.738	6.762E-11	22.897	4.579	3.164E-10	26.499	5.300	4.904E-10	14.420	2.884	7.903E-11
680	6.135	1.227	6.085E-12	28.812	5.762	6.304E-10	17.777	3.555	1.481E-10	23.071	4.614	3.236E-10	24.584	4.917	3.916E-10	26.005	5.201	4.635E-10	53.833	10.767	4.112E-09
681	19.912	3.982	2.081E-10	17.741	3.548	1.472E-10	29.117	5.823	6.507E-10	-10.684	0.000	0.000E+00	25.745	5.149	4.498E-10	25.419	5.084	4.329E-10	30.561	6.112	7.523E-10
682	-17.382	0.000	0.000E+00	23.005	4.601	3.209E-10	20.784	4.157	2.366E-10	29.707	5.941	6.910E-10	27.937	5.587	5.747E-10	12.608	2.522	5.283E-11	21.774	4.355	2.721E-10
683	43.058	8.612	2.104E-09	34.274	6.855	1.061E-09	33.425	6.685	9.843E-10	50.450	10.090	3.384E-09	31.424	6.285	8.178E-10	-17.174	0.000	0.000E+00	18.396	3.679	1.641E-10
684	22.307	4.461	2.926E-10	20.845	4.169	2.387E-10	28.198	5.640	5.909E-10	25.553	5.111	4.398E-10	48.183	9.637	2.948E-09	24.200	4.840	3.735E-10	149.508	29.902	8.808E-08
685	40.782	8.156	1.788E-09	26.188	5.238	4.734E-10	17.708	3.542	1.463E-10	27.786	5.557	5.654E-10	21.685	4.337	2.688E-10	23.293	4.659	3.331E-10	18.372	3.674	1.634E-10
686	22.266	4.453	2.910E-10	-4.500	0.000	0.000E+00	26.140	5.228	4.708E-10	26.938	5.388	5.152E-10	17.526	3.505	1.419E-10	8.213	1.643	1.460E-11	23.957	4.791	3.624E-10
687	27.277	5.455	5.349E-10	20.962	4.192	2.428E-10	-25.317	0.000	0.000E+00	10.015	2.003	2.647E-11	13.263	2.653	6.149E-11	17.537	3.507	1.421E-10	23.103	4.621	3.250E-10
688	28.259	5.652	5.948E-10	7.702	1.540	1.204E-11	24.651	4.930	3.948E-10	18.597	3.719	1.695E-10	23.646	4.729	3.485E-10	18.305	3.661	1.616E-10	29.742	5.948	6.934E-10
689	24.493	4.899	3.873E-10	-9.005	0.000	0.000E+00	30.886	6.177	7.765E-10	27.436	5.487	5.443E-10	27.090	5.418	5.240E-10	6.406	1.281	6.929E-12	23.809	4.762	3.557E-10
690	11.661	2.332	4.180E-11	12.128	2.426	4.701E-11	28.159	5.632	5.885E-10	27.201	5.440	5.304E-10	22.758	4.552	3.107E-10	31.007	6.201	7.857E-10	26.429	5.286	4.866E-10
691	32.891	6.578	9.378E-10	29.134	5.827	6.518E-10	10.399	2.080	2.964E-11	59.536	11.907	5.562E-09	27.468	5.494	5.462E-10	24.142	4.828	3.708E-10	26.237	5.247	4.760E-10
692	19.188	3.838	1.862E-10	24.615	4.923	3.931E-10	58.398	11.680	5.249E-09	20.640	4.128	2.317E-10	30.540	6.108	7.507E-10	23.395	4.679	3.375E-10	21.739	4.348	2.708E-10
693	-5.401	0.000	0.000E+00	25.761	5.152	4.506E-10	27.493	5.499	5.477E-10	49.185	9.837	3.136E-09	28.472	5.694	6.083E-10	18.582	3.716	1.691E-10	21.593	4.319	2.654E-10
694	27.138	5.428	5.268E-10	22.642	4.528	3.059E-10	-21.629	0.000	0.000E+00	11.754	2.351	4.280E-11	22.933	4.587	3.179E-10	25.340	5.068	4.288E-10	8.022	1.604	1.361E-11
695	-22.306	0.000	0.000E+00	25.254	5.051	4.245E-10	12.748	2.550	5.461E-11	44.752	8.950	2.362E-09	25.567	5.113	4.405E-10	19.770	3.954	2.037E-10	22.836	4.567	3.139E-10
696	17.359	3.472	1.379E-10	21.216	4.243	2.517E-10	11.747	2.349	4.272E-11	87.231	17.446	1.749E-08	30.010	6.002	7.123E-10	9.132	1.826	2.007E-11	26.246	5.249	4.765E-10
697	23.243	4.649	3.309E-10	18.704	3.741	1.724E-10	23.381	4.676	3.369E-10	24.239	4.848	3.754E-10	27.322	5.464	5.375E-10	16.394	3.279	1.161E-10	25.736	5.147	4.493E-10
698	25.455	5.091	4.347E-10	52.204	10.441	3.750E-09	26.736	5.347	5.037E-10	-6.350	0.000	0.000E+00	32.836	6.567	9.331E-10	25.727	5.145	4.488E-10	20.655	4.131	2.323E-10
699	11.986	2.397	4.538E-11	23.726	4.745	3.520E-10	28.698	5.740	6.230E-10	22.128	4.426	2.856E-10	9.158	1.832	2.024E-11	19.048	3.810	1.821E-10	7.453	1.491	1.091E-11
700	23.327	4.665	3.346E-10	23.443	4.689	3.396E-10	23.038	4.608	3.223E-10	24.768	4.954	4.005E-10	8.426	1.685	1.576E-11	22.147	4.429	2.863E-10	23.422	4.684	3.387E-10
701	30.205	6.041	7.263E-10	27.392	5.478	5.417E-10	21.570	4.314	2.645E-10	22.672	4.534	3.072E-10	29.266	5.853	6.606E-10	17.820	3.564	1.491E-10	25.708	5.142	4.478E-10
702	23.246	4.649	3.311E-10	24.057	4.811	3.670E-10	26.674	5.335	5.002E-10	57.089	11.418	4.904E-09	20.353	4.071	2.222E-10	37.293	7.459	1.367E-09	30.958	6.192	7.820E-10
703	24.897	4.979	4.068E-10	28.862	5.772	6.337E-10	23.298	4.660	3.333E-10	8.567	1.713	1.657E-11	27.165	5.433	5.284E-10	-21.645	0.000	0.000E+00	26.662	5.332	4.996E-10
704	28.720	5.744	6.244E-10	25.658	5.132	4.452E-10	39.337	7.867	1.604E-09	21.993	4.399	2.804E-10	23.723	4.745	3.519E-10	-33.057	0.000	0.000E+00	28.634	5.727	6.188E-10
705	-17.453	0.000	0.000E+00	57.825	11.565	5.096E-09	27.223	5.445	5.317E-10	32.582	6.516	9.116E-10	24.199	4.840	3.735E-10	32.159	6.432	8.766E-10	26.197	5.239	4.739E-10
706	32.827	6.565	9.324E-10	28.546	5.709	6.131E-10	13.394	2.679	6.332E-11	32.929	6.586	9.411E-10	9.225	1.845	2.069E-11	-4.754	0.000	0.000E+00	44.583	8.917	2.336E-09
707	6.623	1.325	7.658E-12	-18.035	0.000	0.000E+00	21.860	4.372	2.753E-10	12.208	2.442	4.795E-11	38.813	7.763	1.653E-11	8.561	1.712	1.653E-11	-30.891	0.000	0.000E+00
708	5.994	1.199	5.675E-12	56.995	11.399	4.880E-09	-21.104	0.000	0.000E+00	64.587	12.917	7.101E-09	26.852	5.370	5.103E-10	18.123	3.625	1.569E-10	15.958	3.192	1.071E-10
709	19.014	3.803	1.812E-10	-32.017	0.000	0.000E+00	25.949	5.190	4.605E-10	19.220	3.844	1.871E-10	52.783	10.557	3.876E-09	25.941	5.188	4.601E-10	-22.214	0.000	0.000E+00
710	11.899	2.380	4.440E-11	29.306	5.861	6.634E-10	27.546	5.509	5.509E-10	59.620	11.924	5.586E-09	24.657	4.931	3.951E-10	26.427	5.285	4.865E-10	25.296	5.059	4.266E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
711	27.657	5.531	5.576E-10	9.321	1.864	2.134E-11	39.358	7.872	1.607E-09	50.750	10.150	3.445E-09	34.107	6.821	1.046E-09	8.801	1.760	1.797E-11	29.815	5.963	6.985E-10
712	-15.464	0.000	0.000E+00	21.041	4.208	2.455E-10	19.557	3.911	1.972E-10	88.553	17.711	1.830E-08	7.510	1.502	1.116E-11	33.648	6.730	1.004E-09	29.441	5.888	6.726E-10
713	32.094	6.419	8.713E-10	20.912	4.182	2.410E-10	11.304	2.261	3.807E-11	27.612	5.522	5.549E-10	84.630	16.926	1.598E-08	19.122	3.824	1.843E-10	63.740	12.748	6.825E-09
714	23.982	4.796	3.635E-10	26.758	5.352	5.049E-10	13.822	2.764	6.959E-11	24.209	4.842	3.739E-10	27.875	5.575	5.709E-10	28.679	5.736	6.217E-10	17.500	3.500	1.412E-10
715	16.089	3.218	1.098E-10	20.450	4.090	2.254E-10	21.033	4.207	2.452E-10	21.250	4.250	2.529E-10	27.116	5.423	5.255E-10	20.879	4.176	2.399E-10	26.881	5.376	5.119E-10
716	22.124	4.425	2.854E-10	24.648	4.930	3.947E-10	25.539	5.108	4.390E-10	31.276	6.255	8.063E-10	46.321	9.264	2.619E-09	28.916	5.783	6.373E-10	-8.001	0.000	0.000E+00
717	17.903	3.581	1.512E-10	20.060	4.012	2.127E-10	36.208	7.242	1.251E-09	-8.127	0.000	0.000E+00	18.471	3.694	1.661E-10	7.532	1.506	1.126E-11	23.295	4.659	3.332E-10
718	30.907	6.181	7.781E-10	15.361	3.072	9.553E-11	26.929	5.386	5.147E-10	48.476	9.695	3.002E-09	-10.017	0.000	0.000E+00	20.277	4.055	2.197E-10	23.479	4.696	3.411E-10
719	15.029	3.006	8.946E-11	41.879	8.376	1.936E-09	22.476	4.495	2.993E-10	49.828	9.966	3.261E-09	29.047	5.809	6.460E-10	25.052	5.010	4.144E-10	18.183	3.637	1.585E-10
720	22.252	4.450	2.904E-10	27.037	5.407	5.209E-10	35.240	7.048	1.153E-09	46.040	9.208	2.572E-09	25.075	5.015	4.155E-10	25.732	5.146	4.491E-10	20.910	4.182	2.409E-10
721	25.306	5.061	4.271E-10	10.009	2.002	2.643E-11	11.558	2.312	4.069E-11	28.035	5.607	5.807E-10	26.789	5.358	5.067E-10	26.819	5.364	5.084E-10	17.752	3.550	1.474E-10
722	25.104	5.021	4.170E-10	24.799	4.960	4.020E-10	20.374	4.075	2.229E-10	17.275	3.455	1.359E-10	22.415	4.483	2.968E-10	27.383	5.477	5.412E-10	30.062	6.012	7.160E-10
723	22.406	4.481	2.965E-10	17.874	3.575	1.505E-10	23.436	4.687	3.393E-10	-33.395	0.000	0.000E+00	12.642	2.528	5.325E-11	25.852	5.170	4.554E-10	19.991	3.998	2.106E-10
724	23.014	4.603	3.213E-10	16.892	3.378	1.270E-10	29.158	5.832	6.534E-10	25.916	5.183	4.588E-10	27.797	5.559	5.661E-10	28.498	5.700	6.100E-10	34.750	6.950	1.106E-09
725	28.850	5.770	6.329E-10	34.173	6.835	1.052E-09	13.141	2.628	5.982E-11	24.067	4.813	3.674E-10	80.342	16.068	1.367E-08	20.620	4.124	2.311E-10	-6.923	0.000	0.000E+00
726	21.708	4.342	2.696E-10	-21.230	0.000	0.000E+00	58.155	11.631	5.184E-09	27.272	5.454	5.346E-10	5.492	1.098	4.365E-12	25.346	5.069	4.292E-10	6.845	1.369	8.452E-12
727	25.298	5.060	4.267E-10	29.162	5.832	6.536E-10	20.050	4.010	2.124E-10	46.078	9.216	2.579E-09	15.750	3.150	1.030E-10	33.713	6.743	1.010E-09	24.401	4.880	3.829E-10
728	22.025	4.405	2.816E-10	20.588	4.118	2.300E-10	32.169	6.434	8.774E-10	23.430	4.686	3.390E-10	17.924	3.585	1.518E-10	19.467	3.893	1.944E-10	23.105	4.621	3.251E-10
729	18.307	3.661	1.617E-10	21.579	4.316	2.648E-10	21.887	4.377	2.764E-10	52.431	10.486	3.799E-09	10.139	2.028	2.747E-11	24.436	4.887	3.846E-10	33.539	6.708	9.943E-10
730	22.549	4.510	3.022E-10	26.921	5.384	5.143E-10	23.716	4.743	3.516E-10	22.819	4.564	3.132E-10	26.533	5.307	4.923E-10	-7.879	0.000	0.000E+00	29.607	5.921	6.840E-10
731	27.094	5.419	5.242E-10	29.231	5.846	6.583E-10	22.386	4.477	2.957E-10	-7.429	0.000	0.000E+00	28.773	5.755	6.278E-10	25.934	5.187	4.597E-10	6.528	1.306	7.331E-12
732	35.347	7.069	1.164E-09	29.327	5.865	6.648E-10	24.117	4.823	3.697E-10	-30.887	0.000	0.000E+00	81.646	16.329	1.434E-08	25.740	5.148	4.495E-10	22.588	4.518	3.038E-10
733	12.027	2.405	4.586E-11	-10.897	0.000	0.000E+00	27.102	5.420	5.247E-10	36.796	7.359	1.313E-09	22.589	4.518	3.038E-10	24.107	4.821	3.692E-10	33.832	6.766	1.021E-09
734	24.179	4.836	3.726E-10	24.727	4.945	3.985E-10	25.926	5.185	4.593E-10	4.543	0.909	2.471E-12	27.134	5.427	5.266E-10	31.957	6.391	8.602E-10	13.927	2.785	7.119E-11
735	25.521	5.104	4.381E-10	19.392	3.878	1.922E-10	24.144	4.829	3.709E-10	43.557	8.711	2.178E-09	72.357	14.471	9.985E-09	26.627	5.325	4.976E-10	19.995	3.999	2.107E-10
736	21.341	4.268	2.562E-10	29.103	5.821	6.497E-10	27.757	5.551	5.637E-10	60.766	12.153	5.914E-09	24.166	4.833	3.720E-10	26.266	5.253	4.776E-10	22.860	4.572	3.149E-10
737	-6.345	0.000	0.000E+00	21.473	4.295	2.610E-10	23.054	4.611	3.229E-10	-50.198	0.000	0.000E+00	26.649	5.330	4.988E-10	27.339	5.468	5.385E-10	29.917	5.983	7.058E-10
738	10.643	2.129	3.177E-11	-30.707	0.000	0.000E+00	24.587	4.917	3.918E-10	84.717	16.943	1.603E-08	5.752	1.150	5.017E-12	24.414	4.883	3.835E-10	26.361	5.272	4.828E-10
739	30.218	6.044	7.273E-10	26.878	5.376	5.117E-10	27.147	5.429	5.273E-10	22.821	4.564	3.133E-10	25.065	5.013	4.150E-10	28.910	5.782	6.369E-10	27.966	5.593	5.765E-10
740	24.990	4.998	4.113E-10	21.654	4.331	2.676E-10	-5.760	0.000	0.000E+00	53.017	10.603	3.928E-09	78.536	15.707	1.277E-08	20.679	4.136	2.331E-10	28.084	5.617	5.838E-10
741	20.720	4.144	2.345E-10	26.969	5.394	5.170E-10	30.687	6.137	7.616E-10	35.031	7.006	1.133E-09	7.192	1.438	9.804E-12	28.124	5.625	5.863E-10	24.018	4.804	3.652E-10
742	27.923	5.585	5.738E-10	22.769	4.554	3.111E-10	28.519	5.704	6.114E-10	50.670	10.134	3.429E-09	47.902	9.580	2.897E-09	15.591	3.118	9.989E-11	29.750	5.950	6.940E-10
743	25.101	5.020	4.168E-10	21.395	4.279	2.581E-10	5.345	1.069	4.024E-12	83.280	16.656	1.522E-08	10.133	2.027	2.743E-11	24.936	4.987	4.087E-10	25.216	5.043	4.226E-10
744	27.061	5.412	5.223E-10	8.677	1.735	1.722E-11	10.336	2.067	2.911E-11	29.840	5.968	7.003E-10	12.310	2.462	4.916E-11	9.407	1.881	2.194E-11	26.377	5.275	4.837E-10
745	-9.425	0.000	0.000E+00	-20.454	0.000	0.000E+00	14.628	2.926	8.249E-11	28.550	5.710	6.134E-10	22.322	4.464	2.932E-10	22.033	4.407	2.819E-10	31.143	6.229	7.961E-10
746	36.943	7.389	1.329E-09	31.378	6.276	8.142E-10	23.902	4.780	3.599E-10	23.987	4.797	3.638E-10	21.480	4.296	2.612E-10	22.096	4.419	2.843E-10	-16.566	0.000	0.000E+00
747	25.742	5.148	4.496E-10	24.651	4.930	3.948E-10	30.648	6.130	7.588E-10	29.691	5.938	6.898E-10	84.657	16.931	1.599E-08	21.607	4.321	2.659E-10	23.793	4.759	3.550E-10
748	21.933	4.387	2.781E-10	24.269	4.854	3.767E-10	37.016	7.403	1.337E-09	83.105	16.621	1.513E-08	-35.997	0.000	0.000E+00	55.197	11.039	4.432E-09	30.322	6.064	7.348E-10
749	31.214	6.243	8.016E-10	22.239	4.448	2.899E-10	14.501	2.900	8.037E-11	33.249	6.650	9.688E-10	5.721	1.144	4.936E-12	18.812	3.762	1.755E-10	6.665	1.333	7.802E-12
750	29.926	5.985	7.063E-10	10.692	2.138	3.222E-11	30.587	6.117	7.542E-10	91.963	18.393	2.050E-08	-10.488	0.000	0.000E+00	31.252	6.250	8.045E-10	25.600	5.120	4.422E-10
751	23.695	4.739	3.507E-10	24.012	4.802	3.649E-10	24.949	4.990	4.093E-10	28.123	5.625	5.862E-10	66.980	13.396	7.920E-09	26.362	5.272	4.829E-10	21.141	4.228	2.490E-10
752	19.122	3.824	1.843E-10	25.890	5.178	4.574E-10	27.539	5.508	5.505E-10	48.288	9.658	2.968E-09	17.036	3.407	1.303E-10	19.660	3.932	2.003E-10	20.495	4.099	2.269E-10
753	32.517	6.503	9.062E-10	31.383	6.277	8.147E-10	21.750	4.350	2.712E-10	24.786	4.957	4.014E-10	33.889	6.778	1.026E-09	13.508	2.702	6.496E-11	5.668	1.134	4.799E-12
754	16.693	3.339	1.226E-10	28.402	5.680	6.039E-10	25.769	5.154	4.510E-10	25.445	5.089	4.342E-10	10.495	2.099	3.047E-11	25.247	5.049	4.241E-10	30.811	6.162	7.709E-10
755	25.810	5.162	4.532E-10	21.242	4.248	2.526E-10	23.792	4.758	3.550E-10	16.968	3.394	1.288E-10	29.248	5.850	6.594E-10	32.560	6.512	9.098E-10	29.779	5.956	6.960E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
756	29.044	5.809	6.457E-10	5.704	1.141	4.891E-12	21.556	4.311	2.640E-10	54.828	10.966	4.344E-09	22.908	4.582	3.168E-10	32.281	6.456	8.866E-10	21.234	4.247	2.523E-10
757	25.575	5.115	4.409E-10	18.373	3.675	1.635E-10	8.652	1.730	1.707E-11	22.912	4.582	3.170E-10	63.801	12.760	6.845E-09	11.151	2.230	3.654E-11	4.446	0.889	2.316E-12
758	-6.494	0.000	0.000E+00	16.403	3.281	1.163E-10	17.332	3.466	1.372E-10	51.622	10.324	3.626E-09	11.302	2.260	3.805E-11	27.946	5.589	5.752E-10	29.676	5.935	6.888E-10
759	9.140	1.828	2.012E-11	26.671	5.334	5.000E-10	-2.703	0.000	0.000E+00	49.149	9.830	3.129E-09	-5.564	0.000	0.000E+00	6.639	1.328	7.711E-12	22.509	4.502	3.006E-10
760	28.067	5.613	5.828E-10	10.611	2.122	3.149E-11	36.788	7.358	1.312E-09	25.189	5.038	4.212E-10	23.391	4.678	3.373E-10	-17.480	0.000	0.000E+00	22.643	4.529	3.060E-10
761	30.557	6.111	7.520E-10	61.051	12.210	5.998E-09	30.068	6.014	7.165E-10	29.176	5.835	6.546E-10	25.535	5.107	4.388E-10	27.055	5.411	5.220E-10	6.901	1.380	8.663E-12
762	19.703	3.941	2.016E-10	151.925	30.385	9.242E-08	22.778	4.556	3.115E-10	20.415	4.083	2.242E-10	24.274	4.855	3.770E-10	31.282	6.256	8.068E-10	-19.468	0.000	0.000E+00
763	19.288	3.858	1.891E-10	58.126	11.625	5.176E-09	11.957	2.391	4.506E-11	33.506	6.701	9.914E-10	29.996	5.999	7.114E-10	25.985	5.197	4.625E-10	29.495	5.899	6.763E-10
764	26.465	5.293	4.885E-10	-30.305	0.000	0.000E+00	22.523	4.505	3.012E-10	31.604	6.321	8.320E-10	26.156	5.231	4.716E-10	22.981	4.596	3.199E-10	30.574	6.115	7.532E-10
765	21.609	4.322	2.659E-10	-25.507	0.000	0.000E+00	21.546	4.309	2.636E-10	-22.993	0.000	0.000E+00	30.562	6.112	7.524E-10	17.861	3.572	1.502E-10	24.660	4.932	3.952E-10
766	21.676	4.335	2.684E-10	-19.134	0.000	0.000E+00	28.614	5.723	6.175E-10	24.249	4.850	3.758E-10	32.481	6.496	9.032E-10	23.022	4.604	3.216E-10	18.842	3.768	1.763E-10
767	21.052	4.210	2.459E-10	26.642	5.328	4.984E-10	25.337	5.067	4.287E-10	18.761	3.752	1.740E-10	16.351	3.270	1.152E-10	12.341	2.468	4.954E-11	36.486	7.297	1.280E-09
768	31.930	6.386	8.580E-10	30.626	6.125	7.571E-10	19.454	3.891	1.941E-10	46.472	9.294	2.645E-09	34.684	6.937	1.100E-09	31.277	6.255	8.064E-10	26.994	5.399	5.184E-10
769	21.983	4.397	2.800E-10	24.383	4.877	3.821E-10	25.828	5.166	4.541E-10	22.720	4.544	3.091E-10	29.300	5.860	6.630E-10	32.411	6.482	8.973E-10	31.781	6.356	8.461E-10
770	25.806	5.161	4.530E-10	-20.938	0.000	0.000E+00	24.202	4.840	3.736E-10	47.979	9.596	2.911E-09	17.072	3.414	1.311E-10	29.972	5.994	7.097E-10	26.464	5.293	4.885E-10
771	34.110	6.822	1.046E-09	22.270	4.454	2.911E-10	19.744	3.949	2.028E-10	21.001	4.200	2.441E-10	28.987	5.797	6.420E-10	16.892	3.378	1.270E-10	19.881	3.976	2.071E-10
772	24.454	4.891	3.854E-10	26.060	5.212	4.664E-10	22.995	4.599	3.205E-10	32.277	6.455	8.863E-10	23.829	4.766	3.566E-10	29.109	5.822	6.501E-10	18.328	3.666	1.623E-10
773	27.332	5.466	5.382E-10	23.947	4.789	3.620E-10	23.418	4.684	3.385E-10	21.656	4.331	2.677E-10	50.465	10.093	3.387E-09	-26.022	0.000	0.000E+00	16.352	3.270	1.152E-10
774	24.743	4.949	3.993E-10	27.042	5.408	5.212E-10	8.487	1.697	1.611E-11	20.046	4.009	2.123E-10	5.219	1.044	3.746E-12	16.080	3.216	1.096E-10	21.874	4.375	2.758E-10
775	22.257	4.451	2.906E-10	22.352	4.470	2.906E-10	16.946	3.389	1.283E-10	-20.873	0.000	0.000E+00	78.934	15.787	1.296E-08	28.549	5.710	6.133E-10	17.349	3.470	1.376E-10
776	21.828	4.366	2.741E-10	17.834	3.567	1.495E-10	30.347	6.069	7.366E-10	50.702	10.140	3.435E-09	10.427	2.085	2.988E-11	21.458	4.292	2.604E-10	21.114	4.223	2.481E-10
777	31.286	6.257	8.071E-10	23.607	4.721	3.468E-10	14.130	2.826	7.436E-11	27.471	5.494	5.464E-10	29.270	5.854	6.609E-10	-30.863	0.000	0.000E+00	29.327	5.865	6.648E-10
778	26.668	5.334	4.999E-10	23.778	4.756	3.543E-10	31.393	6.279	8.155E-10	50.091	10.018	3.313E-09	6.414	1.283	6.956E-12	30.517	6.103	7.491E-10	24.201	4.840	3.736E-10
779	24.782	4.956	4.011E-10	21.347	4.269	2.564E-10	-4.971	0.000	0.000E+00	28.216	5.643	5.921E-10	27.477	5.495	5.468E-10	22.203	4.441	2.885E-10	40.488	8.098	1.749E-09
780	28.902	5.780	6.363E-10	26.082	5.216	4.677E-10	24.485	4.897	3.869E-10	49.830	9.966	3.261E-09	36.826	7.365	1.316E-09	23.487	4.697	3.415E-10	25.789	5.158	4.520E-10
781	28.394	5.679	6.033E-10	19.479	3.896	1.948E-10	-32.817	0.000	0.000E+00	35.864	7.173	1.216E-09	10.919	2.184	3.431E-11	24.932	4.986	4.085E-10	6.511	1.302	7.274E-12
782	19.589	3.918	1.981E-10	24.034	4.807	3.659E-10	9.857	1.971	2.525E-11	30.136	6.027	7.213E-10	55.798	11.160	4.579E-09	-7.396	0.000	0.000E+00	5.333	1.067	3.999E-12
783	35.684	7.137	1.198E-09	25.647	5.129	4.446E-10	21.934	4.387	2.781E-10	25.266	5.053	4.251E-10	20.765	4.153	2.360E-10	6.829	1.366	8.393E-12	-12.257	0.000	0.000E+00
784	19.720	3.944	2.021E-10	31.044	6.209	7.885E-10	-20.602	0.000	0.000E+00	17.452	3.490	1.401E-10	77.793	15.559	1.241E-08	29.076	5.815	6.479E-10	20.185	4.037	2.168E-10
785	24.200	4.840	3.735E-10	29.641	5.928	6.864E-10	16.207	3.241	1.122E-10	42.454	8.491	2.017E-09	31.963	6.393	8.607E-10	23.276	4.655	3.324E-10	23.725	4.745	3.520E-10
786	25.984	5.197	4.624E-10	30.045	6.009	7.149E-10	25.129	5.026	4.182E-10	-14.367	0.000	0.000E+00	30.500	6.100	7.478E-10	-6.973	0.000	0.000E+00	24.024	4.805	3.655E-10
787	13.653	2.731	6.707E-11	-43.582	0.000	0.000E+00	28.961	5.792	6.402E-10	107.809	21.562	3.303E-08	16.129	3.226	1.106E-10	38.886	7.777	1.550E-09	25.538	5.108	4.390E-10
788	23.957	4.791	3.624E-10	24.772	4.954	4.007E-10	11.503	2.301	4.011E-11	23.574	4.715	3.453E-10	28.450	5.690	6.069E-10	31.497	6.299	8.236E-10	-16.050	0.000	0.000E+00
789	30.090	6.018	7.180E-10	33.875	6.775	1.025E-09	24.327	4.865	3.794E-10	-8.771	0.000	0.000E+00	45.515	9.103	2.485E-09	38.078	7.616	1.455E-09	28.180	5.636	5.898E-10
790	29.118	5.824	6.507E-10	36.456	7.291	1.277E-09	7.175	1.435	9.735E-12	18.403	3.681	1.643E-10	27.404	5.481	5.424E-10	33.268	6.654	9.704E-10	24.749	4.950	3.996E-10
791	16.703	3.341	1.228E-10	32.240	6.448	8.832E-10	30.633	6.127	7.576E-10	65.591	13.118	7.438E-09	39.945	7.989	1.680E-09	29.564	5.913	6.810E-10	23.843	4.769	3.573E-10
792	29.556	5.911	6.805E-10	34.602	6.920	1.092E-09	19.387	3.877	1.920E-10	77.995	15.599	1.251E-08	8.256	1.651	1.483E-11	27.919	5.584	5.736E-10	33.130	6.626	9.584E-10
793	35.965	7.193	1.226E-09	19.783	3.957	2.041E-10	19.377	3.875	1.918E-10	24.145	4.829	3.710E-10	30.157	6.031	7.229E-10	47.159	9.432	2.764E-09	19.393	3.879	1.922E-10
794	23.202	4.640	3.292E-10	11.386	2.277	3.890E-11	49.305	9.861	3.159E-09	22.142	4.428	2.861E-10	49.981	9.996	3.291E-09	31.735	6.347	8.424E-10	28.107	5.621	5.852E-10
795	101.334	20.267	2.743E-08	31.192	6.238	7.999E-10	-28.837	0.000	0.000E+00	99.167	19.833	2.570E-08	29.715	5.943	6.915E-10	17.530	3.506	1.420E-10	24.398	4.880	3.828E-10
796	18.395	3.679	1.641E-10	23.465	4.693	3.405E-10	28.460	5.692	6.076E-10	31.583	6.317	8.303E-10	32.490	6.498	9.039E-10	48.079	9.616	2.929E-09	38.558	7.712	1.511E-09
797	4.136	0.827	1.865E-12	28.308	5.662	5.979E-10	28.413	5.683	6.046E-10	22.646	4.493	2.988E-10	23.393	4.679	3.374E-10	30.311	6.062	7.340E-10	22.653	4.531	3.064E-10
798	22.614	4.523	3.048E-10	8.606	1.721	1.680E-11	30.233	6.047	7.283E-10	18.693	3.739	1.722E-10	35.478	7.096	1.177E-09	6.619	1.324	7.643E-12	43.807	8.761	2.216E-09
799	23.294	4.659	3.332E-10	24.938	4.988	4.088E-10	8.127	1.625	1.415E-11	27.532	5.506	5.501E-10	76.616	15.323	1.185E-08	21.660	4.332	2.678E-10	5.121	1.024	3.539E-12
800	21.283	4.257	2.541E-10	13.301	2.660	6.202E-11	18.048	3.610	1.549E-10	14.825	2.965	8.588E-11	54.158	10.832	4.187E-09	30.476	6.095	7.460E-10	21.422	4.284	2.591E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
801	19.334	3.867	1.905E-10	28.304	5.661	5.976E-10	-8.985	0.000	0.000E+00	149.711	29.942	8.844E-08	84.109	16.822	1.568E-08	89.478	17.896	1.888E-08	30.694	6.139	7.622E-10
802	20.867	4.173	2.395E-10	44.925	8.985	2.390E-09	20.933	4.187	2.418E-10	46.023	9.205	2.569E-09	83.381	16.676	1.528E-08	15.590	3.118	9.986E-11	16.361	3.272	1.154E-10
803	33.939	6.788	1.030E-09	26.408	5.282	4.854E-10	13.988	2.798	7.214E-11	69.363	13.873	8.796E-09	22.800	4.560	3.124E-10	-16.959	0.000	0.000E+00	25.922	5.184	4.591E-10
804	18.380	3.676	1.636E-10	57.802	11.560	5.090E-09	25.067	5.013	4.152E-10	19.459	3.892	1.942E-10	23.530	4.706	3.434E-10	25.850	5.170	4.553E-10	20.170	4.034	2.163E-10
805	25.072	5.014	4.154E-10	29.561	5.912	6.809E-10	27.268	5.454	5.344E-10	21.001	4.200	2.441E-10	29.155	5.831	6.532E-10	18.559	3.712	1.685E-10	30.551	6.110	7.516E-10
806	29.242	5.848	6.590E-10	19.529	3.906	1.963E-10	29.681	5.936	6.892E-10	26.885	5.377	5.122E-10	32.793	6.559	9.295E-10	23.997	4.799	3.642E-10	40.169	8.034	1.708E-09
807	31.238	6.248	8.034E-10	26.651	5.330	4.989E-10	39.984	7.997	1.685E-09	30.943	6.189	7.809E-10	30.084	6.017	7.176E-10	-8.122	0.000	0.000E+00	-26.182	0.000	0.000E+00
808	29.523	5.905	6.782E-10	32.779	6.556	9.283E-10	24.849	4.970	4.044E-10	26.125	5.225	4.699E-10	28.152	5.630	5.880E-10	20.260	4.052	2.192E-10	22.060	4.412	2.829E-10
809	26.247	5.249	4.766E-10	18.588	3.718	1.693E-10	28.491	5.698	6.096E-10	-6.634	0.000	0.000E+00	23.853	4.771	3.577E-10	32.876	6.575	9.365E-10	5.420	1.084	4.198E-12
810	39.050	7.810	1.570E-09	25.953	5.191	4.607E-10	22.526	4.505	3.013E-10	53.660	10.732	4.072E-09	24.567	4.913	3.908E-10	26.688	5.338	5.010E-10	27.972	5.594	5.769E-10
811	15.115	3.023	9.102E-11	20.365	4.073	2.226E-10	29.787	5.957	6.966E-10	48.243	9.649	2.959E-09	11.249	2.250	3.752E-11	33.722	6.744	1.011E-09	-23.190	0.000	0.000E+00
812	8.357	1.671	1.538E-11	36.048	7.210	1.235E-09	28.721	5.744	6.244E-10	74.151	14.830	1.075E-08	83.559	16.712	1.538E-08	21.647	4.329	2.673E-10	-6.651	0.000	0.000E+00
813	19.075	3.815	1.829E-10	21.575	4.315	2.647E-10	30.356	6.071	7.372E-10	18.732	3.746	1.732E-10	6.913	1.383	8.707E-12	31.702	6.340	8.397E-10	27.970	5.594	5.767E-10
814	24.324	4.865	3.793E-10	30.956	6.191	7.819E-10	-4.771	0.000	0.000E+00	42.037	8.407	1.958E-09	7.967	1.593	1.333E-11	5.812	1.162	5.175E-12	29.094	5.819	6.491E-10
815	26.376	5.275	4.836E-10	47.497	9.499	2.824E-09	29.654	5.931	6.873E-10	27.333	5.467	5.382E-10	87.889	17.578	1.789E-08	25.716	5.143	4.482E-10	21.619	4.324	2.663E-10
816	27.438	5.488	5.444E-10	26.027	5.205	4.647E-10	24.563	4.913	3.906E-10	27.727	5.545	5.618E-10	18.604	3.721	1.697E-10	12.598	2.520	5.270E-11	20.343	4.069	2.219E-10
817	28.799	5.760	6.296E-10	49.211	9.842	3.141E-09	11.042	2.208	3.549E-11	17.554	3.511	1.426E-10	146.480	29.296	8.284E-08	-21.570	0.000	0.000E+00	11.661	2.332	4.180E-11
818	23.608	4.722	3.468E-10	29.408	5.882	6.703E-10	37.058	7.412	1.341E-09	50.610	10.122	3.417E-09	88.459	17.692	1.824E-08	37.844	7.569	1.428E-09	27.040	5.408	5.211E-10
819	-7.017	0.000	0.000E+00	16.640	3.328	1.214E-10	20.943	4.189	2.421E-10	33.428	6.686	9.846E-10	82.577	16.515	1.484E-08	34.205	6.841	1.055E-09	25.591	5.118	4.417E-10
820	24.522	4.904	3.886E-10	28.717	5.743	6.242E-10	36.346	7.269	1.265E-09	76.885	15.377	1.198E-08	21.069	4.214	2.465E-10	7.311	1.462	1.030E-11	22.841	4.568	3.141E-10
821	23.866	4.773	3.583E-10	27.007	5.401	5.192E-10	26.321	5.264	4.806E-10	77.498	15.500	1.227E-08	15.547	3.109	9.905E-11	18.154	3.631	1.577E-10	4.696	0.939	2.730E-12
822	35.185	7.037	1.148E-09	25.599	5.120	4.421E-10	19.170	3.834	1.857E-10	84.415	16.883	1.585E-08	85.564	17.113	1.651E-08	36.471	7.294	1.279E-09	12.596	2.519	5.267E-11
823	-7.198	0.000	0.000E+00	22.837	4.567	3.139E-10	18.385	3.677	1.638E-10	21.634	4.327	2.669E-10	45.633	9.127	2.505E-09	21.615	4.323	2.662E-10	6.995	1.399	9.021E-12
824	27.270	5.454	5.345E-10	30.041	6.008	7.146E-10	11.784	2.357	4.313E-11	34.878	6.976	1.118E-09	7.093	1.419	9.406E-12	26.087	5.217	4.679E-10	32.316	6.463	8.895E-10
825	28.855	5.771	6.332E-10	13.764	2.753	6.873E-11	19.399	3.880	1.924E-10	7.067	1.413	9.301E-12	85.098	17.020	1.624E-08	19.038	3.808	1.819E-10	-6.416	0.000	0.000E+00
826	25.517	5.103	4.379E-10	27.973	5.595	5.769E-10	-20.029	0.000	0.000E+00	50.421	10.084	3.378E-09	25.496	5.099	4.368E-10	21.048	4.210	2.458E-10	8.250	1.650	1.480E-11
827	-22.568	0.000	0.000E+00	26.844	5.369	5.098E-10	-27.692	0.000	0.000E+00	55.453	11.091	4.494E-09	88.679	17.736	1.838E-08	23.655	4.731	3.489E-10	34.032	6.806	1.039E-09
828	28.665	5.733	6.208E-10	30.147	6.029	7.222E-10	-30.945	0.000	0.000E+00	49.098	9.820	3.119E-09	11.892	2.378	4.432E-11	23.851	4.770	3.576E-10	27.829	5.566	5.681E-10
829	25.779	5.156	4.515E-10	21.420	4.284	2.590E-10	39.208	7.842	1.589E-09	79.495	15.899	1.324E-08	84.074	16.815	1.566E-08	51.333	10.267	3.565E-09	17.742	3.548	1.472E-10
830	25.251	5.050	4.243E-10	29.543	5.909	6.796E-10	30.757	6.151	7.669E-10	23.189	4.638	3.287E-10	20.512	4.102	2.275E-10	8.171	1.634	1.438E-11	-22.860	0.000	0.000E+00
831	17.305	3.461	1.366E-10	27.474	5.495	5.466E-10	24.515	4.903	3.883E-10	28.334	5.667	5.995E-10	55.462	11.092	4.496E-09	-3.410	0.000	0.000E+00	18.861	3.772	1.769E-10
832	25.776	5.155	4.514E-10	16.641	3.328	1.215E-10	27.067	5.413	5.226E-10	41.949	8.390	1.946E-09	23.940	4.788	3.616E-10	45.823	9.165	2.536E-09	87.551	17.510	1.769E-08
833	28.617	5.723	6.176E-10	24.031	4.806	3.658E-10	69.760	13.952	8.947E-09	52.679	10.536	3.853E-09	6.475	1.295	7.155E-12	23.978	4.796	3.634E-10	22.928	4.586	3.177E-10
834	26.962	5.392	5.166E-10	27.601	5.520	5.542E-10	46.315	9.263	2.619E-09	26.259	5.252	4.772E-10	32.705	6.541	9.220E-10	29.023	5.805	6.443E-10	25.478	5.096	4.359E-10
835	32.798	6.560	9.299E-10	30.797	6.159	7.698E-10	-43.528	0.000	0.000E+00	12.692	2.538	3.89E-11	76.961	15.392	1.201E-08	48.216	9.643	2.954E-09	20.872	4.174	2.396E-10
836	-26.513	0.000	0.000E+00	22.587	4.517	3.037E-10	21.550	4.310	2.638E-10	46.251	9.250	2.608E-09	-5.729	0.000	0.000E+00	21.236	4.247	2.524E-10	9.349	1.870	2.154E-11
837	6.243	1.249	6.414E-12	36.600	7.320	1.292E-09	17.143	3.429	1.328E-10	19.464	3.893	1.944E-10	83.394	16.679	1.529E-08	11.209	2.242	3.712E-11	49.773	9.955	3.250E-09
838	24.838	4.968	4.038E-10	31.017	6.203	7.865E-10	-12.856	0.000	0.000E+00	68.613	13.723	8.514E-09	19.681	3.936	2.009E-10	10.635	2.127	3.170E-11	11.632	2.326	4.148E-11
839	21.308	4.262	2.550E-10	17.269	3.454	1.357E-10	-26.573	0.000	0.000E+00	24.193	4.839	3.732E-10	31.484	6.297	8.225E-10	22.100	4.420	2.845E-10	23.294	4.659	3.331E-10
840	20.082	4.016	2.135E-10	29.255	5.851	6.599E-10	34.558	6.912	1.088E-09	76.975	15.395	1.202E-08	34.518	6.904	1.084E-09	32.437	6.487	8.995E-10	29.306	5.861	6.634E-10
841	27.154	5.431	5.277E-10	28.223	5.645	5.925E-10	26.314	5.263	4.802E-10	5.640	1.128	4.729E-12	22.799	4.560	3.123E-10	17.955	3.591	1.526E-10	73.507	14.701	1.047E-08
842	-23.201	0.000	0.000E+00	32.580	6.516	9.115E-10	26.746	5.349	5.043E-10	49.289	9.858	3.156E-09	51.020	10.204	3.500E-09	32.676	6.535	9.196E-10	25.426	5.085	4.332E-10
843	6.692	1.338	7.900E-12	38.078	7.616	1.455E-09	27.337	5.467	5.385E-10	20.774	4.155	2.363E-10	-12.354	0.000	0.000E+00	87.794	17.559	1.784E-08	14.477	2.895	7.997E-11
844	20.549	4.110	2.287E-10	17.774	3.555	1.480E-10	-13.567	0.000	0.000E+00	-24.031	0.000	0.000E+00	33.864	6.773	1.024E-09	-83.421	0.000	0.000E+00	19.112	3.822	1.840E-10
845	12.400	2.480	5.025E-11	29.664	5.933	6.880E-10	48.556	9.711	3.017E-09	53.001	10.600	3.924E-09	69.027	13.805	8.669E-09	29.665	5.933	6.881E-10	31.424	6.285	

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
846	25.605	5.121	4.424E-10	22.041	4.408	2.822E-10	30.216	6.043	7.271E-10	21.070	4.214	2.465E-10	34.228	6.846	1.057E-09	28.738	5.748	6.255E-10	27.199	5.440	5.303E-10
847	8.834	1.767	1.817E-11	7.670	1.534	1.189E-11	35.080	7.016	1.138E-09	23.467	4.693	3.406E-10	46.534	9.307	2.656E-09	16.191	3.238	1.119E-10	8.227	1.645	1.467E-11
848	80.593	16.119	1.380E-08	21.644	4.329	2.673E-10	29.120	5.824	6.508E-10	-23.279	0.000	0.000E+00	6.899	1.380	8.655E-12	25.921	5.184	4.590E-10	25.463	5.093	4.352E-10
849	5.723	1.145	4.939E-12	32.938	6.588	9.418E-10	4.621	0.924	2.600E-12	21.447	4.289	2.600E-10	9.176	1.835	2.036E-11	26.266	5.253	4.776E-10	31.857	6.371	8.521E-10
850	23.652	4.730	3.487E-10	28.473	5.695	6.084E-10	24.720	4.944	3.982E-10	10.925	2.185	3.437E-11	85.857	17.171	1.668E-08	25.386	5.077	4.312E-10	40.550	8.110	1.757E-09
851	10.538	2.108	3.084E-11	29.591	5.918	6.829E-10	-27.418	0.000	0.000E+00	34.429	6.886	1.076E-09	19.863	3.973	2.066E-10	25.436	5.087	4.338E-10	28.456	5.691	6.073E-10
852	8.653	1.731	1.707E-11	3.945	0.789	1.618E-12	28.519	5.704	6.113E-10	24.274	4.855	3.770E-10	21.870	4.374	2.757E-10	59.750	11.950	5.622E-09	-25.796	0.000	0.000E+00
853	65.369	13.074	7.362E-09	18.167	3.633	1.580E-10	11.198	2.240	3.701E-11	32.711	6.542	9.225E-10	47.158	9.432	2.764E-09	26.324	5.265	4.808E-10	-5.285	0.000	0.000E+00
854	-76.913	0.000	0.000E+00	24.578	4.916	3.913E-10	29.616	5.923	6.846E-10	7.137	1.427	9.582E-12	54.560	10.912	4.281E-09	27.246	5.449	5.331E-10	32.265	6.453	8.853E-10
855	-10.443	0.000	0.000E+00	25.226	5.045	4.231E-10	22.400	4.480	2.962E-10	27.130	5.426	5.263E-10	33.727	6.745	1.011E-09	29.239	5.848	6.589E-10	18.025	3.605	1.543E-10
856	25.551	5.110	4.397E-10	22.249	4.450	2.903E-10	27.185	5.437	5.295E-10	55.692	11.138	4.553E-09	-8.900	0.000	0.000E+00	53.605	10.721	4.060E-09	33.831	6.766	1.021E-09
857	9.823	1.965	2.498E-11	23.065	4.613	3.234E-10	40.198	8.040	1.712E-09	81.359	16.272	1.419E-08	14.331	2.866	7.757E-11	27.793	5.559	5.658E-10	21.808	4.362	2.734E-10
858	30.685	6.137	7.615E-10	22.026	4.405	2.817E-10	11.702	2.340	4.224E-11	23.696	4.739	3.507E-10	63.264	12.653	6.674E-09	83.547	16.709	1.537E-08	145.868	29.174	8.180E-08
859	20.303	4.061	2.206E-10	26.415	5.283	4.858E-10	5.842	1.168	5.256E-12	82.479	16.496	1.479E-08	7.039	1.408	9.194E-12	18.484	3.697	1.664E-10	83.452	16.690	1.532E-08
860	46.345	9.269	2.624E-09	28.470	5.694	6.082E-10	25.802	5.160	4.528E-10	51.816	10.363	3.667E-09	84.964	16.993	1.617E-08	25.286	5.057	4.261E-10	31.953	6.391	8.599E-10
861	25.541	5.108	4.391E-10	27.331	5.466	5.381E-10	8.203	1.641	1.455E-11	14.880	2.976	8.683E-11	82.480	16.496	1.479E-08	28.796	5.759	6.293E-10	88.439	17.688	1.823E-08
862	22.427	4.485	2.973E-10	31.078	6.216	7.911E-10	8.436	1.687	1.583E-11	20.396	4.079	2.236E-10	93.104	18.621	2.127E-08	39.718	7.944	1.651E-09	89.382	17.876	1.882E-08
863	22.172	4.434	2.873E-10	25.690	5.138	4.469E-10	16.948	3.390	1.283E-10	91.338	18.268	2.008E-08	85.314	17.063	1.637E-08	84.666	16.933	1.600E-08	25.892	5.178	4.575E-10
864	-4.745	0.000	0.000E+00	26.928	5.386	5.147E-10	24.733	4.947	3.988E-10	22.661	4.532	3.067E-10	7.589	1.518	1.152E-11	28.605	5.721	6.169E-10	27.642	5.528	5.567E-10
865	87.663	17.533	1.776E-08	25.277	5.055	4.257E-10	29.400	5.880	6.698E-10	74.063	14.813	1.071E-08	22.628	4.526	3.054E-10	7.570	1.514	1.143E-11	10.345	2.069	2.918E-11
866	30.764	6.153	7.674E-10	15.417	3.083	9.658E-11	24.483	4.897	3.868E-10	22.732	4.546	3.096E-10	84.375	16.875	1.583E-08	23.311	4.662	3.339E-10	7.615	1.523	1.164E-11
867	149.013	29.803	8.721E-08	-17.370	0.000	0.000E+00	21.951	4.390	2.788E-10	23.587	4.717	3.458E-10	12.324	2.465	4.934E-11	24.499	4.900	3.876E-10	88.450	17.690	1.824E-08
868	10.942	2.188	3.453E-11	23.188	4.638	3.286E-10	-29.896	0.000	0.000E+00	8.814	1.763	1.805E-11	52.235	10.447	3.756E-09	19.952	3.990	2.093E-10	25.300	5.060	4.268E-10
869	47.131	9.426	2.759E-09	32.175	6.435	8.779E-10	28.730	5.746	6.250E-10	23.360	4.672	3.360E-10	23.048	4.610	3.227E-10	-24.424	0.000	0.000E+00	28.794	5.759	6.292E-10
870	83.169	16.634	1.516E-08	-29.182	0.000	0.000E+00	19.657	3.931	2.002E-10	17.067	3.413	1.310E-10	86.693	17.339	1.717E-08	26.517	5.303	4.914E-10	25.153	5.031	4.194E-10
871	25.467	5.093	4.353E-10	27.413	5.483	5.430E-10	26.018	5.204	4.642E-10	22.013	4.403	2.811E-10	13.915	2.783	7.101E-11	23.473	4.695	3.409E-10	27.565	5.513	5.520E-10
872	22.235	4.447	2.897E-10	35.288	7.058	1.158E-09	27.121	5.424	5.258E-10	55.167	11.033	4.425E-09	47.065	9.413	2.748E-09	22.619	4.524	3.050E-10	23.584	4.717	3.457E-10
873	17.243	3.449	1.351E-10	23.563	4.713	3.448E-10	7.160	1.432	9.676E-12	5.081	1.016	3.458E-12	56.937	11.387	4.865E-09	20.569	4.114	2.294E-10	25.908	5.182	4.583E-10
874	15.378	3.076	9.584E-11	26.591	5.318	4.955E-10	46.213	9.243	2.601E-09	27.527	5.505	5.497E-10	50.755	10.151	3.446E-09	52.487	10.497	3.811E-09	91.252	18.250	2.003E-08
875	21.563	4.313	2.643E-10	25.282	5.056	4.259E-10	17.222	3.444	1.346E-10	17.598	3.520	1.436E-10	-30.958	0.000	0.000E+00	38.078	7.616	1.455E-09	36.918	7.384	1.326E-09
876	72.061	14.412	9.863E-09	9.374	1.875	2.171E-11	32.829	6.566	9.325E-10	54.689	10.938	4.311E-09	9.367	1.873	2.166E-11	84.640	16.928	1.598E-08	38.837	7.767	1.544E-09
877	29.746	5.949	6.937E-10	28.106	5.621	5.851E-10	23.599	4.720	3.464E-10	-23.007	0.000	0.000E+00	90.249	18.050	1.937E-08	24.553	4.911	3.901E-10	90.117	18.023	1.929E-08
878	23.783	4.757	3.546E-10	14.369	2.874	7.819E-11	24.759	4.952	4.000E-10	10.383	2.077	2.950E-11	26.326	5.265	4.809E-10	-15.277	0.000	0.000E+00	51.340	10.268	3.567E-09
879	29.398	5.880	6.697E-10	25.503	5.101	4.372E-10	17.107	3.421	1.320E-10	48.044	9.609	2.923E-09	88.521	17.704	1.828E-08	47.773	9.555	2.874E-09	-55.282	0.000	0.000E+00
880	10.779	2.156	3.301E-11	22.459	4.492	2.986E-10	22.185	4.437	2.878E-10	19.745	3.949	2.029E-10	25.057	5.011	4.146E-10	37.591	7.518	1.400E-09	-4.400	0.000	0.000E+00
881	16.558	3.312	1.196E-10	27.580	5.516	5.529E-10	18.841	3.768	1.763E-10	5.472	1.094	4.318E-12	90.025	18.005	1.923E-08	45.593	9.119	2.498E-09	21.596	4.319	2.655E-10
882	28.111	5.622	5.855E-10	24.113	4.823	3.695E-10	6.808	1.362	8.315E-12	33.470	6.694	9.883E-10	18.368	3.674	1.633E-10	45.060	9.012	2.411E-09	-26.683	0.000	0.000E+00
883	85.840	17.168	1.667E-08	20.876	4.175	2.398E-10	24.878	4.976	4.058E-10	51.579	10.316	3.617E-09	15.897	3.179	1.059E-10	-29.030	0.000	0.000E+00	35.854	7.171	1.215E-09
884	-9.521	0.000	0.000E+00	16.059	3.212	1.092E-10	34.247	6.849	1.059E-09	29.529	5.906	6.786E-10	81.297	16.259	1.416E-08	33.095	6.619	9.554E-10	47.846	9.569	2.887E-09
885	27.707	5.541	5.606E-10	-25.391	0.000	0.000E+00	32.995	6.599	9.468E-10	31.736	6.347	8.425E-10	-56.433	0.000	0.000E+00	8.264	1.653	1.488E-11	33.792	6.758	1.017E-09
886	25.092	5.018	4.164E-10	28.332	5.666	5.994E-10	22.037	4.407	2.821E-10	22.628	4.526	3.054E-10	-24.022	0.000	0.000E+00	34.999	7.000	1.130E-09	6.589	1.318	7.539E-12
887	29.897	5.979	7.043E-10	11.916	2.383	4.459E-11	84.046	16.809	1.565E-08	58.458	11.692	5.265E-09	4.872	0.974	3.048E-12	17.275	3.455	1.359E-10	26.133	5.227	4.704E-10
888	31.676	6.335	8.377E-10	23.253	4.651	3.314E-10	23.244	4.649	3.310E-10	29.166	5.833	6.539E-10	30.759	6.152	7.670E-10	-25.372	0.000	0.000E+00	98.207	19.641	2.496E-08
889	11.923	2.385	4.468E-11	25.326	5.065	4.282E-10	20.418	4.084	2.244E-10	27.545	5.509	5.508E-10	7.858	1.572	1.279E-11	6.649	1.330	7.747E-12	-38.321	0.000	0.000E+00
890	20.204	4.041	2.174E-10	21.729	4.346	2.704E-10	30.382	6.076	7.392E-10	20.278	4.056	2.198E-10	86.807	17.361	1.724E-08	21.531	4.306	2.631E-10	20.728	4.	

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
891	25.743	5.149	4.496E-10	22.678	4.536	3.074E-10	23.558	4.712	3.446E-10	80.043	16.009	1.352E-08	22.994	4.599	3.204E-10	40.095	8.019	1.699E-09	80.254	16.051	1.362E-08
892	145.408	29.082	8.103E-08	5.808	1.162	5.165E-12	86.729	17.346	1.719E-08	22.147	4.429	2.863E-10	81.565	16.313	1.430E-08	60.260	12.052	5.767E-09	52.482	10.496	3.810E-09
893	21.973	4.395	2.796E-10	15.352	3.070	9.537E-11	28.043	5.609	5.813E-10	52.153	10.431	3.739E-09	18.709	3.742	1.726E-10	-78.157	0.000	0.000E+00	26.932	5.386	5.149E-10
894	29.618	5.924	6.848E-10	26.931	5.386	5.148E-10	5.317	1.063	3.961E-12	23.265	4.653	3.319E-10	90.583	18.117	1.959E-08	10.662	2.132	3.194E-11	20.482	4.096	2.265E-10
895	10.807	2.161	3.327E-11	23.404	4.681	3.379E-10	25.719	5.144	4.484E-10	69.852	13.970	8.983E-09	17.153	3.431	1.330E-10	82.201	16.440	1.464E-08	-26.311	0.000	0.000E+00
896	82.128	16.426	1.460E-08	23.353	4.671	3.357E-10	27.663	5.533	5.579E-10	84.611	16.922	1.596E-08	27.529	5.506	5.499E-10	33.815	6.763	1.019E-09	26.538	5.308	4.926E-10
897	85.929	17.186	1.672E-08	30.595	6.119	7.548E-10	78.788	15.758	1.289E-08	23.024	4.605	3.217E-10	17.855	3.571	1.500E-10	22.691	4.538	3.079E-10	51.424	10.285	3.584E-09
898	5.298	1.060	3.919E-12	21.380	4.276	2.576E-10	144.866	28.973	8.013E-08	87.005	17.401	1.736E-08	17.362	3.472	1.379E-10	88.630	17.726	1.835E-08	17.902	3.580	1.512E-10
899	26.900	5.380	5.130E-10	27.007	5.401	5.192E-10	22.972	4.594	3.195E-10	49.648	9.930	3.225E-09	50.133	10.027	3.321E-09	-36.531	0.000	0.000E+00	20.921	4.184	2.414E-10
900	18.183	3.637	1.584E-10	23.140	4.628	3.266E-10	19.915	3.983	2.082E-10	24.075	4.815	3.678E-10	32.317	6.463	8.895E-10	43.594	8.719	2.184E-09	-21.461	0.000	0.000E+00
901	28.954	5.791	6.398E-10	20.664	4.133	2.325E-10	-3.557	0.000	0.000E+00	82.840	16.568	1.498E-08	27.576	5.515	5.527E-10	44.271	8.854	2.287E-09	18.783	3.757	1.747E-10
902	-2.515	0.000	0.000E+00	27.935	5.587	5.746E-10	20.942	4.188	2.421E-10	23.201	4.640	3.292E-10	47.799	9.560	2.878E-09	10.075	2.015	2.695E-11	70.373	14.075	9.186E-09
903	50.221	10.044	3.338E-09	22.028	4.406	2.817E-10	12.033	2.407	4.592E-11	13.627	2.725	6.670E-11	34.591	6.918	1.091E-09	24.457	4.891	3.856E-10	86.971	17.394	1.734E-08
904	25.743	5.149	4.496E-10	88.029	17.606	1.798E-08	19.390	3.878	1.921E-10	73.148	14.630	1.032E-08	127.321	25.464	5.440E-08	17.074	3.415	1.312E-10	19.859	3.972	2.064E-10
905	25.832	5.166	4.543E-10	30.804	6.161	7.704E-10	78.764	15.753	1.288E-08	54.897	10.979	4.361E-09	14.089	2.818	7.371E-11	49.371	9.874	3.172E-09	80.809	16.162	1.391E-08
906	13.272	2.654	6.162E-11	83.521	16.704	1.536E-08	26.691	5.338	5.012E-10	9.664	1.933	2.379E-11	9.587	1.917	2.323E-11	-18.259	0.000	0.000E+00	29.347	5.869	6.662E-10
907	39.835	7.967	1.666E-09	69.988	13.998	9.036E-09	28.184	5.637	5.901E-10	54.206	10.841	4.198E-09	82.631	16.526	1.487E-08	80.371	16.074	1.368E-08	92.294	18.459	2.072E-08
908	49.671	9.934	3.230E-09	20.717	4.143	2.344E-10	37.117	7.423	1.348E-09	82.494	16.499	1.480E-08	19.928	3.986	2.086E-10	54.507	10.901	4.268E-09	81.031	16.206	1.402E-08
909	53.518	10.704	4.040E-09	89.280	17.856	1.876E-08	93.820	18.764	2.177E-08	80.988	16.198	1.400E-08	25.392	5.078	4.315E-10	64.343	12.869	7.021E-09	83.445	16.689	1.531E-08
910	-32.157	0.000	0.000E+00	15.467	3.093	9.752E-11	75.274	15.055	1.124E-08	87.693	17.539	1.777E-08	28.954	5.791	6.398E-10	82.203	16.441	1.464E-08	27.724	5.545	5.616E-10
911	21.747	4.349	2.711E-10	22.027	4.405	2.817E-10	10.711	2.142	3.239E-11	29.506	5.901	6.770E-10	31.763	6.353	8.446E-10	31.933	6.387	8.582E-10	56.186	11.237	4.675E-09
912	19.670	3.934	2.006E-10	24.630	4.926	3.938E-10	47.167	9.433	2.766E-09	73.230	14.646	1.035E-08	75.343	15.069	1.127E-08	53.508	10.702	4.038E-09	46.002	9.200	2.566E-09
913	46.499	9.300	2.650E-09	47.453	9.491	2.816E-09	25.021	5.004	4.129E-10	15.815	3.163	1.043E-10	6.783	1.357	8.225E-12	87.227	17.445	1.749E-08	158.853	31.771	1.057E-07
914	-3.733	0.000	0.000E+00	49.369	9.874	3.171E-09	9.651	1.930	2.369E-11	25.733	5.147	4.491E-10				21.231	4.246	2.522E-10	73.176	14.635	1.033E-08
915	73.174	14.635	1.033E-08	-35.743	0.000	0.000E+00	18.387	3.677	1.638E-10	84.409	16.882	1.585E-08				80.948	16.190	1.398E-08	-45.099	0.000	0.000E+00
916	11.308	2.262	3.811E-11	34.511	6.902	1.083E-09	12.574	2.515	5.240E-11	22.697	4.539	3.082E-10				19.797	3.959	2.045E-10	79.961	15.992	1.347E-08
917	31.423	6.285	8.178E-10	19.637	3.927	1.996E-10	30.696	6.139	7.623E-10	20.196	4.039	2.171E-10				85.269	17.054	1.634E-08	80.560	16.112	1.378E-08
918	51.597	10.319	3.621E-09	22.372	4.474	2.951E-10	85.828	17.166	1.666E-08	49.696	9.939	3.235E-09				2.890	0.578	6.360E-13	-25.109	0.000	0.000E+00
919	32.117	6.423	8.732E-10	21.284	4.257	2.541E-10	26.456	5.291	4.880E-10	77.681	15.536	1.235E-08				52.779	10.556	3.875E-09	21.341	4.268	2.562E-10
920	128.975	25.795	5.655E-08	23.750	4.750	3.531E-10	87.211	17.442	1.748E-08	-26.988	0.000	0.000E+00				30.319	6.064	7.346E-10	53.223	10.645	3.974E-09
921	77.041	15.408	1.205E-08	19.233	3.847	1.875E-10	17.235	3.447	1.349E-10	4.535	0.907	2.459E-12				88.001	17.600	1.796E-08	79.842	15.968	1.341E-08
922	91.299	18.260	2.006E-08	36.558	7.312	1.288E-09	24.919	4.984	4.078E-10	88.834	17.767	1.848E-08				82.592	16.518	1.485E-08	78.132	15.626	1.257E-08
923	25.936	5.187	4.598E-10	30.002	6.000	7.117E-10	79.383	15.877	1.318E-08	39.437	7.887	1.617E-09				77.922	15.584	1.247E-08	-5.277	0.000	0.000E+00
924	7.434	1.487	1.083E-11	12.279	2.456	4.879E-11	-27.183	0.000	0.000E+00	76.176	15.235	1.165E-08				80.775	16.155	1.389E-08	83.468	16.694	1.533E-08
925	50.934	10.187	3.483E-09	6.579	1.316	7.506E-12	90.108	18.022	1.928E-08	45.715	9.143	2.518E-09				-56.726	0.000	0.000E+00	45.895	9.179	2.548E-09
926	73.873	14.775	1.063E-08	-6.233	0.000	0.000E+00	84.734	16.947	1.603E-08	32.864	6.573	9.355E-10				-76.200	0.000	0.000E+00	15.815	3.163	1.043E-10
927	8.337	1.667	1.527E-11	28.671	5.734	6.212E-10	8.729	1.746	1.753E-11	24.345	4.869	3.803E-10				89.435	17.887	1.885E-08	-2.531	0.000	0.000E+00
928	26.782	5.356	5.063E-10	31.283	6.257	8.069E-10	29.903	5.981	7.047E-10	52.354	10.471	3.782E-09				63.349	12.670	6.700E-09	88.357	17.671	1.818E-08
929	90.332	18.066	1.943E-08	-4.651	0.000	0.000E+00	12.875	2.575	5.625E-11	-69.508	0.000	0.000E+00				44.958	8.992	2.395E-09	53.287	10.657	3.988E-09
930	31.243	6.249	8.038E-10	20.174	4.035	2.164E-10	46.819	9.364	2.705E-09	47.227	9.445	2.776E-09				45.977	9.195	2.562E-09	58.614	11.723	5.308E-09
931	16.527	3.305	1.190E-10	80.059	16.012	1.352E-08	8.514	1.703	1.627E-11	27.706	5.541	5.606E-10				72.219	14.444	9.928E-09	58.964	11.793	5.403E-09
932	59.399	11.880	5.524E-09	30.484	6.097	7.467E-10	-16.731	0.000	0.000E+00	24.562	4.912	3.906E-10				11.171	2.234	3.674E-11	85.174	17.035	1.629E-08
933	100.353	20.071	2.664E-08	15.567	3.113	9.942E-11	22.287	4.457	2.918E-10	105.871	21.174	3.128E-08				73.562	14.712	1.049E-08	53.048	10.610	3.935E-09
934	-101.226	0.000	0.000E+00	24.600	4.920	3.924E-10	27.972	5.594	5.768E-10	22.261	4.452	2.907E-10				8.656	1.731	1.709E-11	95.591	19.118	2.302E-08
935	-38.840	0.000	0.000E+00	-14.707	0.000	0.000E+00	146.272	29.254	8.249E-08	22.212	4.442	2.888E-10				69.493	13.899	8.845E-09	75.699	15.140	1.143E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-03																				
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
936	76.126	15.225	1.163E-08	10.120	2.024	2.732E-11	56.147	11.229	4.665E-09	75.898	15.180	1.152E-08			89.340	17.868	1.879E-08	85.450	17.090	1.644E-08
937	88.848	17.770	1.849E-08	24.528	4.906	3.890E-10	63.022	12.604	6.597E-09	28.281	5.656	5.962E-10			-60.716	0.000	0.000E+00	98.968	19.794	2.555E-08
938	-68.427	0.000	0.000E+00	46.467	9.293	2.644E-09	22.233	4.447	2.897E-10	-27.230	0.000	0.000E+00			76.063	15.213	1.160E-08	88.380	17.676	1.819E-08
939	82.659	16.532	1.489E-08	-17.916	0.000	0.000E+00	24.522	4.904	3.886E-10	-3.908	0.000	0.000E+00			87.647	17.529	1.775E-08	29.303	5.861	6.632E-10
940	87.749	17.550	1.781E-08	23.699	4.740	3.508E-10	27.393	5.479	5.417E-10	69.077	13.815	8.687E-09			31.465	6.293	8.210E-10	24.305	4.861	3.784E-10
941	69.088	13.818	8.692E-09	19.958	3.992	2.095E-10	47.697	9.539	2.860E-09	49.541	9.908	3.205E-09			90.618	18.124	1.961E-08	22.077	4.415	2.836E-10
942	-17.134	0.000	0.000E+00	25.827	5.165	4.541E-10	15.066	3.013	9.013E-11	33.355	6.671	9.781E-10			-24.112	0.000	0.000E+00	-26.897	0.000	0.000E+00
943	49.930	9.986	3.281E-09	28.951	5.790	6.396E-10	84.638	16.928	1.598E-08	23.551	4.710	3.443E-10			26.404	5.281	4.852E-10	88.167	17.633	1.806E-08
944	71.522	14.304	9.643E-09	83.630	16.726	1.542E-08	17.151	3.430	1.330E-10	15.079	3.016	9.037E-11			100.624	20.125	2.685E-08	45.348	9.070	2.458E-09
945	68.893	13.779	8.618E-09	20.296	4.059	2.203E-10	-11.338	0.000	0.000E+00	67.957	13.591	8.272E-09			47.964	9.593	2.908E-09	21.540	4.308	2.634E-10
946	47.816	9.563	2.881E-09	15.008	3.002	8.910E-11	88.500	17.700	1.827E-08	78.993	15.799	1.299E-08			11.695	2.339	4.216E-11	17.828	3.566	1.493E-10
947	23.417	4.683	3.385E-10	22.523	4.505	3.011E-10	16.237	3.247	1.128E-10	48.854	9.771	3.073E-09			-19.237	0.000	0.000E+00	-4.063	0.000	0.000E+00
948	93.039	18.608	2.123E-08	83.466	16.693	1.533E-08	122.363	24.473	4.829E-08	21.785	4.357	2.725E-10			61.060	12.212	6.000E-09	85.876	17.175	1.669E-08
949	24.152	4.830	3.713E-10	11.507	2.301	4.016E-11	34.056	6.811	1.041E-09	83.601	16.720	1.540E-08			46.862	9.372	2.712E-09	29.312	5.862	6.638E-10
950	84.061	16.812	1.566E-08	28.952	5.790	6.396E-10	52.558	10.512	3.827E-09	26.198	5.240	4.739E-10			79.257	15.851	1.312E-08	25.120	5.024	4.178E-10
951	82.748	16.550	1.493E-08	55.293	11.059	4.456E-09	82.879	16.576	1.500E-08	-28.836	0.000	0.000E+00			22.452	4.490	2.983E-10	85.504	17.101	1.648E-08
952	32.731	6.546	9.242E-10	30.735	6.147	7.652E-10	14.863	2.973	8.654E-11	78.865	15.773	1.293E-08			34.129	6.826	1.048E-09	26.159	5.232	4.718E-10
953	24.852	4.970	4.045E-10	84.002	16.800	1.562E-08	27.299	5.460	5.362E-10	19.903	3.981	2.078E-10			78.308	15.662	1.266E-08	70.343	14.069	9.174E-09
954	3.986	0.797	1.669E-12	22.262	4.452	2.908E-10	48.743	9.749	3.052E-09	78.375	15.675	1.269E-08			71.378	14.276	9.585E-09	78.725	15.745	1.286E-08
955	22.931	4.586	3.178E-10	20.880	4.176	2.399E-10	-3.154	0.000	0.000E+00	82.967	16.593	1.505E-08			76.717	15.343	1.190E-08	84.408	16.882	1.585E-08
956	-4.792	0.000	0.000E+00	20.067	4.013	2.130E-10	51.368	10.274	3.572E-09	72.448	14.490	1.002E-08			77.631	15.526	1.233E-08	21.495	4.299	2.618E-10
957	49.074	9.815	3.115E-09	19.120	3.824	1.842E-10	86.931	17.386	1.731E-08	8.151	1.630	1.427E-11			63.745	12.749	6.827E-09	80.297	16.059	1.365E-08
958	-28.497	0.000	0.000E+00	54.245	10.849	4.207E-09	25.976	5.195	4.620E-10	35.258	7.052	1.155E-09			88.896	17.779	1.852E-08	16.007	3.201	1.081E-10
959	88.894	17.779	1.851E-08	34.935	6.987	1.124E-09	119.196	23.839	4.463E-08	-3.626	0.000	0.000E+00			43.903	8.781	2.230E-09	28.555	5.711	6.137E-10
960	20.935	4.187	2.418E-10	10.345	2.069	2.918E-11	84.367	16.873	1.583E-08	-12.332	0.000	0.000E+00			20.709	4.142	2.341E-10	30.513	6.103	7.488E-10
961	50.152	10.030	3.325E-09	25.478	5.096	4.359E-10	129.819	25.964	5.766E-08	27.694	5.539	5.598E-10			24.558	4.912	3.904E-10	62.959	12.592	6.578E-09
962	70.966	14.193	9.420E-09	-3.418	0.000	0.000E+00	-141.342	0.000	0.000E+00	17.872	3.574	1.505E-10			22.412	4.482	2.967E-10	88.760	17.752	1.843E-08
963	79.900	15.980	1.344E-08	90.468	18.094	1.952E-08	57.000	11.400	4.881E-09	54.070	10.814	4.166E-09			91.175	18.235	1.998E-08	-64.705	0.000	0.000E+00
964	90.954	18.191	1.983E-08	9.935	1.987	2.585E-11	86.949	17.390	1.733E-08	30.851	6.170	7.739E-10			82.055	16.411	1.456E-08	28.009	5.602	5.791E-10
965	77.963	15.593	1.249E-08	53.414	10.683	4.017E-09	74.709	14.942	1.099E-08	18.142	3.628	1.574E-10			85.148	17.030	1.627E-08	24.615	4.923	3.931E-10
966	69.202	13.840	8.735E-09	24.886	4.977	4.062E-10	36.208	7.242	1.251E-09	25.660	5.132	4.453E-10			13.379	2.676	6.312E-11	23.161	4.632	3.275E-10
967	4.117	0.823	1.839E-12	31.251	6.250	8.044E-10	81.527	16.305	1.428E-08	87.029	17.406	1.737E-08			19.050	3.810	1.822E-10	45.995	9.199	2.565E-09
968	24.014	4.803	3.650E-10	26.461	5.292	4.883E-10	42.127	8.425	1.970E-09	36.401	7.280	1.271E-09			29.363	5.873	6.672E-10	84.984	16.997	1.618E-08
969	80.534	16.107	1.377E-08	25.412	5.082	4.325E-10	85.545	17.109	1.650E-08	86.491	17.298	1.705E-08			28.429	5.686	6.056E-10	82.549	16.510	1.483E-08
970	44.403	8.881	2.307E-09	25.290	5.058	4.263E-10	31.293	6.259	8.077E-10	92.111	18.422	2.060E-08			30.793	6.159	7.696E-10	47.634	9.527	2.849E-09
971	28.712	5.742	6.238E-10	20.643	4.129	2.319E-10	64.869	12.974	7.194E-09	3.101	0.620	7.859E-13			27.733	5.547	5.622E-10	76.884	15.377	1.198E-08
972	72.302	14.460	9.962E-09	29.418	5.884	6.710E-10	-47.926	0.000	0.000E+00	75.552	15.110	1.137E-08			49.832	9.966	3.261E-09	86.869	17.374	1.728E-08
973	23.794	4.759	3.551E-10	17.922	3.584	1.517E-10	53.640	10.728	4.068E-09	23.580	4.716	3.456E-10			57.731	11.546	5.071E-09	27.172	5.434	5.287E-10
974	78.732	15.746	1.286E-08	83.148	16.630	1.515E-08	8.780	1.756	1.784E-11	29.365	5.873	6.674E-10			41.989	8.398	1.951E-09	27.178	5.436	5.291E-10
975	20.185	4.037	2.168E-10	27.905	5.581	5.727E-10	134.372	26.874	6.395E-08	82.514	16.503	1.481E-08			72.097	14.419	9.877E-09	31.053	6.211	7.892E-10
976	83.658	16.732	1.543E-08	84.766	16.953	1.605E-08	38.437	7.687	1.497E-09	9.906	1.981	2.562E-11			26.071	5.214	4.671E-10	25.094	5.019	4.165E-10
977	90.950	18.190	1.983E-08	81.803	16.361	1.443E-08	50.898	10.180	3.475E-09	29.040	5.808	6.455E-10			20.484	4.097	2.265E-10	85.667	17.133	1.637E-08
978	31.520	6.304	8.254E-10	15.840	3.168	1.048E-10	21.246	4.249	2.528E-10	77.658	15.532	1.234E-08			19.759	3.952	2.033E-10	26.968	5.394	5.170E-10
979	27.851	5.570	5.694E-10	45.195	9.039	2.433E-09	65.523	13.105	7.414E-09	57.422	11.484	4.990E-09			23.063	4.613	3.233E-10	20.795	4.159	2.370E-10
980	93.554	18.711	2.158E-08	55.125	11.025	4.415E-09	18.645	3.729	1.708E-10	37.384	7.477	1.377E-09			83.180	16.636	1.517E-08	81.564	16.313	1.430E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
981	70.677	14.135	9.305E-09	-67.493	0.000	0.000E+00	54.620	10.924	4.295E-09	28.387	5.677	6.029E-10				46.291	9.258	2.615E-09	29.163	5.833	6.537E-10
982	48.380	9.676	2.985E-09	-48.369	0.000	0.000E+00	-51.159	0.000	0.000E+00	64.765	12.953	7.160E-09				24.799	4.960	4.019E-10	70.950	14.190	9.414E-09
983	-28.556	0.000	0.000E+00	73.307	14.661	1.038E-08	-6.179	0.000	0.000E+00	27.628	5.526	5.558E-10				86.102	17.220	1.682E-08	17.254	3.451	1.354E-10
984	60.255	12.051	5.766E-09	55.254	11.051	4.446E-09	52.003	10.401	3.707E-09	-38.653	0.000	0.000E+00				80.684	16.137	1.384E-08	18.918	3.784	1.784E-10
985	79.918	15.984	1.345E-08	74.326	14.865	1.082E-08	44.238	8.848	2.282E-09	22.439	4.488	2.978E-10				86.009	17.202	1.677E-08	59.333	11.867	5.505E-09
986	86.801	17.360	1.724E-08	54.506	10.901	4.268E-09	44.076	8.815	2.257E-09	-25.420	0.000	0.000E+00				15.746	3.149	1.029E-10	64.429	12.886	7.049E-09
987	-44.992	0.000	0.000E+00	117.593	23.519	4.286E-08	67.401	13.480	8.070E-09	75.247	15.049	1.123E-08				21.585	4.317	2.650E-10	28.333	5.667	5.995E-10
988	25.565	5.113	4.404E-10	27.166	5.433	5.284E-10	23.102	4.620	3.249E-10	82.272	16.454	1.468E-08				22.885	4.577	3.159E-10	33.293	6.659	9.727E-10
989	87.378	17.476	1.758E-08	85.078	17.016	1.623E-08	76.413	15.283	1.176E-08	9.918	1.984	2.571E-11				91.477	18.295	2.018E-08	28.493	5.699	6.097E-10
990	88.801	17.760	1.846E-08	26.243	5.249	4.764E-10	87.879	17.576	1.789E-08	70.868	14.174	9.381E-09				80.142	16.028	1.357E-08	9.978	1.996	2.618E-11
991	50.092	10.018	3.313E-09	83.628	16.726	1.541E-08	52.659	10.532	3.849E-09	37.081	7.416	1.344E-09				4.053	0.811	1.755E-12	49.564	9.913	3.209E-09
992	70.832	14.166	9.367E-09	86.624	17.325	1.713E-08	34.854	6.971	1.116E-09	48.241	9.648	2.959E-09				21.561	4.312	2.642E-10	7.202	1.440	9.845E-12
993	79.137	15.827	1.306E-08	66.131	13.226	7.623E-09	83.777	16.755	1.550E-08	90.557	18.111	1.957E-08				48.858	9.772	3.074E-09	24.438	4.888	3.847E-10
994	90.120	18.024	1.929E-08	-11.197	0.000	0.000E+00	7.908	1.582	1.303E-11	81.147	16.229	1.408E-08				88.859	17.772	1.849E-08	45.323	9.065	2.454E-09
995	78.354	15.671	1.268E-08	31.295	6.259	8.078E-10	46.825	9.365	2.706E-09	20.946	4.189	2.422E-10				51.864	10.373	3.677E-09	13.414	2.683	6.362E-11
996	81.123	16.225	1.407E-08	55.216	11.043	4.437E-09	22.654	4.531	3.064E-10	47.309	9.462	2.791E-09				21.695	4.339	2.691E-10	27.542	5.508	5.506E-10
997	41.161	8.232	1.838E-09	78.580	15.716	1.279E-08	67.856	13.571	8.235E-09	33.193	6.639	9.639E-10				14.099	2.820	7.387E-11	84.050	16.810	1.565E-08
998	-64.237	0.000	0.000E+00	21.051	4.210	2.459E-10	151.790	30.358	9.218E-08	16.632	3.326	1.213E-10				88.338	17.668	1.817E-08	27.482	5.496	5.471E-10
999	64.921	12.984	7.212E-09	48.446	9.689	2.997E-09	83.024	16.605	1.508E-08	33.305	6.661	9.737E-10				80.780	16.156	1.389E-08	77.723	15.545	1.237E-08
1000	79.071	15.814	1.303E-08	42.721	8.544	2.055E-09	46.911	9.382	2.721E-09	84.572	16.914	1.594E-08				8.031	1.606	1.365E-11	83.993	16.799	1.562E-08
1001	29.193	5.839	6.557E-10	22.221	4.444	2.892E-10	66.101	13.220	7.612E-09	90.066	18.013	1.926E-08				56.021	11.204	4.634E-09	85.910	17.182	1.671E-08
1002	92.645	18.529	2.096E-08	28.752	5.750	6.265E-10	44.840	8.968	2.376E-09	28.093	5.619	5.844E-10				83.594	16.719	1.540E-08	81.153	16.231	1.409E-08
1003	-55.658	0.000	0.000E+00	43.439	8.688	2.160E-09	77.540	15.508	1.229E-08	88.683	17.737	1.838E-08				26.257	5.251	4.771E-10	22.390	4.478	2.958E-10
1004	87.495	17.499	1.765E-08	-51.689	0.000	0.000E+00	56.474	11.295	4.747E-09	22.386	4.477	2.957E-10				-23.707	0.000	0.000E+00	79.258	15.852	1.312E-08
1005	73.216	14.643	1.034E-08	46.724	9.345	2.688E-09	-3.452	0.000	0.000E+00	83.323	16.665	1.525E-08				72.565	14.513	1.007E-08	84.370	16.874	1.583E-08
1006	45.064	9.013	2.412E-09	-59.151	0.000	0.000E+00	27.389	5.478	5.415E-10	28.392	5.678	6.032E-10				33.273	6.655	9.708E-10	24.345	4.869	3.803E-10
1007	78.756	15.751	1.287E-08	20.865	4.173	2.394E-10	29.311	5.862	6.637E-10	49.161	9.832	3.132E-09				23.325	4.665	3.345E-10	81.793	16.359	1.442E-08
1008	23.693	4.739	3.506E-10	62.102	12.420	6.313E-09	87.219	17.444	1.749E-08	8.939	1.788	1.882E-11				20.645	4.129	2.319E-10	90.012	18.002	1.922E-08
1009	50.149	10.030	3.324E-09	46.319	9.264	2.619E-09	43.110	8.622	2.112E-09	88.767	17.753	1.844E-08				26.986	5.397	5.180E-10	85.445	17.089	1.644E-08
1010	88.823	17.765	1.847E-08	54.908	10.982	4.363E-09	79.603	15.921	1.329E-08	16.665	3.333	1.220E-10				64.684	12.937	7.133E-09	89.358	17.872	1.881E-08
1011	86.493	17.299	1.705E-08	117.081	23.416	4.230E-08	69.170	13.834	8.723E-09	26.101	5.220	4.687E-10				16.472	3.294	1.178E-10	21.253	4.251	2.530E-10
1012	28.586	5.717	6.157E-10	117.447	23.489	4.270E-08	50.407	10.081	3.376E-09	17.716	3.543	1.466E-10				131.268	26.254	5.962E-08	19.964	3.993	2.097E-10
1013	87.053	17.411	1.739E-08	83.154	16.631	1.515E-08	15.413	3.083	9.651E-11	73.285	14.657	1.037E-08				86.047	17.209	1.679E-08	84.882	16.976	1.612E-08
1014	79.510	15.902	1.325E-08	71.011	14.202	9.438E-09	4.525	0.905	2.442E-12	26.177	5.235	4.728E-10				18.420	3.684	1.647E-10	20.964	4.193	2.428E-10
1015	34.582	6.916	1.090E-09	112.173	22.435	3.720E-08	27.549	5.510	5.511E-10	4.222	0.844	1.984E-12				19.572	3.914	1.976E-10	82.693	16.539	1.490E-08
1016	84.022	16.804	1.563E-08	12.486	2.497	5.131E-11	24.464	4.893	3.859E-10	60.023	12.005	5.700E-09				84.313	16.863	1.580E-08	22.536	4.507	3.016E-10
1017	-60.955	0.000	0.000E+00	60.127	12.025	5.729E-09	20.222	4.044	2.179E-10	17.831	3.566	1.494E-10				11.367	2.273	3.871E-11	89.246	17.849	1.874E-08
1018	21.761	4.352	2.716E-10	59.302	11.860	5.497E-09	21.697	4.339	2.692E-10	45.012	9.002	5.404E-09				71.698	14.340	9.714E-09	77.539	15.508	1.229E-08
1019	20.965	4.193	2.429E-10	61.514	12.303	6.135E-09	57.120	11.424	4.912E-09	4.670	0.934	2.685E-12				29.906	5.981	7.050E-10	-33.701	0.000	0.000E+00
1020	25.408	5.082	4.323E-10	51.954	10.391	3.696E-09	89.423	17.885	1.885E-08	20.667	4.133	2.327E-10				99.831	19.966	2.622E-08	18.743	3.749	1.735E-10
1021	77.300	15.460	1.217E-08	30.108	6.022	7.194E-10	15.268	3.054	9.381E-11	19.594	3.919	1.983E-10				25.690	5.138	4.469E-10	86.674	17.335	1.716E-08
1022	26.040	5.208	4.654E-10	-39.982	0.000	0.000E+00	78.907	15.781	1.295E-08	18.324	3.665	1.622E-10				85.016	17.003	1.620E-08	25.747	5.149	4.498E-10
1023	28.276	5.655	5.959E-10	47.578	9.516	2.839E-09	29.401	5.880	6.699E-10	77.183	15.437	1.212E-08				16.932	3.386	1.279E-10	79.938	15.988	1.346E-08
1024	34.718	6.944	1.103E-09	63.158	12.632	6.640E-09	29.983	5.997	7.105E-10	51.545	10.309	3.610E-09				62.078	12.416	6.305E-09	28.027	5.605	5.803E-10
1025	24.688	4.938	3.966E-10	30.075	6.015	7.170E-10	24.239	4.848	3.753E-10	32.158	6.432	8.765E-10				28.514	5.703	6.111E-10	18.786	3.757	1.747E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-03																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG23	200000	11.4822	SG23			SG23			SG23			SG23			SG23			SG23		
1026	36.259	7.252	1.256E-09	26.400	5.280	4.850E-10	83.336	16.667	1.525E-08	11.764	2.353	4.291E-11				3.660	0.732	1.292E-12	20.562	4.112	2.291E-10
1027	86.783	17.357	1.723E-08	32.480	6.496	9.031E-10	68.004	13.601	8.289E-09	18.973	3.795	1.800E-10				28.074	5.615	5.832E-10	20.258	4.052	2.191E-10
1028	86.413	17.283	1.701E-08	-49.410	0.000	0.000E+00	-49.076	0.000	0.000E+00	24.985	4.997	4.111E-10				61.744	12.349	6.204E-09	84.651	16.930	1.599E-08
1029	85.188	17.038	1.629E-08	28.895	5.779	6.359E-10	71.170	14.234	9.501E-09	64.583	12.917	7.100E-09				15.470	3.094	9.759E-11	3.745	0.749	1.385E-12
1030	25.129	5.026	4.182E-10	84.244	16.849	1.576E-08	11.435	2.287	3.940E-11	29.114	5.823	6.504E-10				84.991	16.998	1.618E-08	76.717	15.343	1.190E-08
1031	21.598	4.320	2.656E-10	-64.494	0.000	0.000E+00	76.730	15.346	1.191E-08	86.391	17.278	1.699E-08							73.684	14.737	1.054E-08
1032	53.089	10.618	3.944E-09	79.242	15.848	1.311E-08	30.906	6.181	7.781E-10	50.232	10.046	3.341E-09									
1033	23.255	4.651	3.314E-10	83.596	16.719	1.540E-08	88.599	17.720	1.833E-08	25.853	5.171	4.554E-10									
1034	16.647	3.329	1.216E-10	109.426	21.885	3.453E-08	23.679	4.736	3.499E-10	61.922	12.384	6.258E-09									
1035	18.438	3.688	1.652E-10	73.908	14.782	1.064E-08	27.682	5.536	5.591E-10	94.894	18.979	2.252E-08									
1036	49.743	9.949	3.244E-09	78.610	15.722	1.280E-08	8.108	1.622	1.405E-11	9.793	1.959	2.475E-11									
1037	22.441	4.488	2.979E-10	43.618	8.724	2.187E-09	83.359	16.672	1.527E-08	81.274	16.255	1.415E-08									
1038	72.423	14.485	1.001E-08	49.395	9.879	3.176E-09	78.566	15.713	1.278E-08	17.630	3.526	1.444E-10									
1039	48.655	9.731	3.036E-09	88.288	17.658	1.814E-08	2.874	0.575	6.259E-13												
1040	34.685	6.937	1.100E-09	65.503	13.101	7.408E-09	61.671	12.334	6.182E-09												
1041	10.396	2.079	2.961E-11	63.065	12.613	6.611E-09	5.666	1.133	4.794E-12												
1042	18.631	3.726	1.705E-10	91.294	18.259	2.005E-08	75.561	15.112	1.137E-08												
1043	48.513	9.703	3.009E-09	82.963	16.593	1.505E-08	30.000	6.000	7.116E-10												
1044	28.093	5.619	5.844E-10	24.719	4.944	3.981E-10	16.341	3.268	1.150E-10												
1045	15.583	3.117	9.973E-11	49.525	9.905	3.202E-09	26.063	5.213	4.666E-10												
1046	21.386	4.277	2.578E-10	19.507	3.901	1.957E-10	24.175	4.835	3.724E-10												
1047	88.169	17.634	1.806E-08	88.394	17.679	1.820E-08	28.134	5.627	5.870E-10												
1048	82.307	16.461	1.470E-08	47.603	9.521	2.843E-09	84.819	16.964	1.608E-08												
1049	158.258	31.652	1.045E-07	33.556	6.711	9.959E-10	24.980	4.996	4.108E-10												
1050	71.354	14.271	9.575E-09	86.885	17.377	1.729E-08	25.173	5.035	4.204E-10												
1051	7.134	1.427	9.569E-12	17.515	3.503	1.416E-10	42.308	8.462	1.996E-09												
1052				59.701	11.940	5.608E-09	70.838	14.168	9.369E-09												
1053				26.654	5.331	4.991E-10	18.631	3.726	1.704E-10												
1054				15.682	3.136	1.016E-10	46.217	9.243	2.602E-09												
1055				82.380	16.476	1.474E-08	25.814	5.163	4.534E-10												
1056				73.276	14.655	1.037E-08	85.248	17.050	1.633E-08												
1057				121.182	24.236	4.690E-08	18.897	3.779	1.779E-10												
1058				39.805	7.961	1.662E-09	21.549	4.310	2.637E-10												
1059				73.888	14.778	1.063E-08	17.134	3.427	1.326E-10												
1060				21.664	4.333	2.680E-10	31.719	6.344	8.411E-10												
1061				19.151	3.830	1.851E-10	51.134	10.227	3.524E-09												
1062				75.944	15.189	1.154E-08	31.242	6.248	8.037E-10												
1063				76.694	15.339	1.189E-08	19.878	3.976	2.070E-10												
1064				77.645	15.529	1.234E-08	86.351	17.270	1.697E-08												
1065				27.645	5.529	5.569E-10	13.809	2.762	6.941E-11												
1066				38.284	7.657	1.479E-09	11.194	2.239	3.697E-11												
1067				22.620	4.524	3.050E-10	72.368	14.474	9.989E-09												
1068				26.723	5.345	5.030E-10	17.122	3.424	1.323E-10												
1069				31.619	6.324	8.331E-10	27.067	5.413	5.227E-10												
1070				43.874	8.775	2.226E-09															

Data: Flyover 3 - Span 8 (45.00 m) - IG-03

[illegible]

Flyover 3 - Span 8 (45.00 m) - IG-04
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4			Day 5			Day 6			Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage
Max.	29.946	8.848E-08	Max.	21.840	3.432E-08	Max.	30.668	9.503E-08	Max.	25.283	5.325E-08	Max.	39.302	2.000E-07	Max.	21.034	3.066E-08	Max.	32.740	1.156E-07
Cum.	-	1.288E-06	Cum.	-	1.124E-06	Cum.	-	1.250E-06	Cum.	-	1.745E-06	Cum.	-	1.247E-06	Cum.	-	1.101E-06	Cum.	-	1.401E-06

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
1	59.372	11.874	5.516E-09	7.184	1.437	9.771E-12	52.330	10.466	3.777E-09	38.056	7.611	1.453E-09	48.967	9.793	3.095E-09	25.369	5.074	4.303E-10	20.724	4.145	2.346E-10
2	32.344	6.469	8.918E-10	10.316	2.063	2.894E-11	24.080	4.816	3.680E-10	53.888	10.778	4.124E-09	1.587	0.317	1.054E-13	45.410	9.082	2.468E-09	26.966	5.393	5.168E-10
3	17.511	3.502	1.415E-10	27.931	5.586	5.743E-10	51.756	10.351	3.654E-09	47.662	9.532	2.854E-09	-71.702	0.000	0.000E+00	10.541	2.108	3.087E-11	36.334	7.267	1.264E-09
4	91.321	18.264	2.007E-08	50.303	10.061	3.355E-09	49.356	9.871	3.169E-09	57.209	11.442	4.935E-09	0.642	0.128	6.987E-15	35.188	7.038	1.148E-09	57.410	11.482	4.987E-09
5	51.831	10.366	3.670E-09	57.340	11.468	4.969E-09	51.378	10.276	3.574E-09	5.976	1.195	5.626E-12	-21.722	0.000	0.000E+00	54.247	10.849	4.207E-09	23.324	4.665	3.344E-10
6	24.705	4.941	3.974E-10	37.440	7.488	1.383E-09	52.799	10.560	3.879E-09	58.326	11.665	5.230E-09	1.151	0.230	4.020E-14	6.917	1.383	8.724E-12	25.730	5.146	4.490E-10
7	30.326	6.065	7.351E-10	8.689	1.738	1.729E-11	42.883	8.577	2.079E-09	3.187	0.637	8.535E-13	-0.940	0.000	0.000E+00	60.311	12.062	5.782E-09	53.873	10.775	4.121E-09
8	31.218	6.244	8.019E-10	55.427	11.085	4.488E-09	20.339	4.068	2.218E-10	47.001	9.400	2.737E-09	-48.163	0.000	0.000E+00	25.889	5.178	4.573E-10	8.703	1.741	1.738E-11
9	18.565	3.713	1.686E-10	56.216	11.243	4.683E-09	51.871	10.374	3.679E-09	16.366	3.273	1.155E-10	30.132	6.026	7.211E-10	13.255	2.651	6.138E-11	66.483	13.297	7.745E-09
10	55.278	11.056	4.452E-09	57.851	11.570	5.103E-09	-36.238	0.000	0.000E+00	25.899	5.180	4.578E-10	1.821	0.364	1.590E-13	22.940	4.588	3.182E-10	11.006	2.201	3.514E-11
11	46.295	9.259	2.615E-09	15.200	3.040	9.256E-11	37.368	7.474	1.375E-09	40.929	8.186	1.807E-09	-64.393	0.000	0.000E+00	18.872	3.774	1.771E-10	25.396	5.079	4.317E-10
12	52.099	10.420	3.727E-09	27.489	5.498	5.475E-10	36.412	7.282	1.272E-09	32.658	6.532	9.181E-10	58.003	11.601	5.143E-09	44.344	8.869	2.298E-09	22.994	4.599	3.204E-10
13	32.907	6.581	9.392E-10	40.610	8.122	1.765E-09	5.373	1.075	4.087E-12	-41.331	0.000	0.000E+00	30.548	6.110	7.513E-10	16.578	3.316	1.201E-10	13.305	2.661	6.207E-11
14	4.272	0.854	2.055E-12	19.407	3.881	1.926E-10	41.958	8.392	1.947E-09	-4.075	0.000	0.000E+00	8.023	1.605	1.361E-11	48.035	9.607	2.921E-09	12.741	2.548	5.452E-11
15	58.203	11.641	5.197E-09	27.817	5.563	5.673E-10	51.240	10.248	3.546E-09	56.275	11.255	4.697E-09	89.282	17.856	1.876E-08	58.716	11.743	5.335E-09	-0.776	0.000	0.000E+00
16	4.574	0.915	2.522E-12	12.526	2.505	5.180E-11	-2.950	0.000	0.000E+00	26.837	5.367	5.094E-10	26.175	5.235	4.726E-10	50.592	10.118	3.413E-09	24.824	4.965	4.032E-10
17	13.848	2.770	6.999E-11	6.772	1.354	8.184E-12	40.132	8.026	1.704E-09	50.154	10.031	3.325E-09	12.181	2.436	4.764E-11	13.881	2.776	7.049E-11	39.472	7.894	1.621E-09
18	9.836	1.967	2.508E-11	37.931	7.586	1.438E-09	51.874	10.375	3.679E-09	18.007	3.601	1.539E-10	24.872	4.974	4.055E-10	20.514	4.103	2.275E-10	43.191	8.638	2.124E-09
19	100.827	20.165	2.702E-08	15.161	3.032	9.185E-11	13.836	2.767	6.981E-11	18.768	3.754	1.743E-10	27.477	5.495	5.468E-10	33.013	6.603	9.483E-10	-28.081	0.000	0.000E+00
20	68.705	13.741	8.548E-09	10.822	2.164	3.341E-11	24.122	4.824	3.700E-10	53.612	10.722	4.061E-09	59.310	11.862	5.499E-09	52.355	10.471	3.782E-09	31.545	6.309	8.274E-10
21	44.831	8.966	2.375E-09	44.871	8.974	2.381E-09	14.770	2.954	8.493E-11	59.992	11.998	5.691E-09	49.001	9.800	3.101E-09	12.532	2.506	5.187E-11	53.383	10.677	4.010E-09
22	44.530	8.906	2.327E-09	48.117	9.623	2.936E-09	34.595	6.919	1.091E-09	36.011	7.202	1.231E-09	55.710	11.142	4.557E-09	8.035	1.607	1.367E-11	-53.466	0.000	0.000E+00
23	56.344	11.269	4.714E-09	46.372	9.274	2.628E-09	32.019	6.404	8.652E-10	0.947	0.189	2.240E-14	4.081	0.816	1.792E-12	23.362	4.672	3.361E-10	49.537	9.907	3.204E-09
24	56.476	11.295	4.748E-09	30.566	6.113	7.526E-10	51.654	10.331	3.633E-09	31.867	6.373	8.530E-10	37.573	7.515	1.398E-09	24.261	4.852	3.764E-10	11.770	2.354	4.297E-11
25	23.950	4.790	3.621E-10	25.376	5.075	4.307E-10	20.168	4.034	2.162E-10	26.711	5.342	5.023E-10	54.574	10.915	4.284E-09	52.344	10.469	3.780E-09	4.389	0.878	2.229E-12
26	67.167	13.433	7.987E-09	28.440	5.688	6.063E-10	31.418	6.284	8.174E-10	53.619	10.724	4.063E-09	51.896	10.379	3.684E-09	82.455	16.491	1.478E-08	16.317	3.263	1.145E-10
27	60.734	12.147	5.905E-09	63.462	12.692	6.736E-09	9.818	1.964	2.494E-11	57.411	11.482	4.988E-09	60.345	12.069	5.792E-09	23.851	4.770	3.576E-10	-22.571	0.000	0.000E+00
28	24.828	4.966	4.034E-10	28.087	5.617	5.840E-10	38.415	7.683	1.494E-09	25.537	5.107	4.389E-10	8.218	1.644	1.463E-11	34.322	6.864	1.066E-09	10.871	2.174	3.386E-11
29	14.657	2.931	8.299E-11	10.062	2.012	2.685E-11	24.800	4.960	4.020E-10	5.276	1.055	3.872E-12	8.880	1.776	1.846E-11	21.598	4.320	2.655E-10	43.857	8.771	2.223E-09
30	75.535	15.107	1.136E-08	12.964	2.593	5.743E-11	54.635	10.927	4.298E-09	22.381	4.476	2.955E-10	57.743	11.549	5.074E-09	35.905	7.181	1.220E-09	61.276	12.255	6.064E-09
31	12.912	2.582	5.674E-11	56.449	11.290	4.741E-09	29.414	5.883	6.707E-10	23.927	4.785	3.610E-10	30.118	6.024	7.201E-10	14.526	2.905	8.079E-11	28.923	5.785	6.377E-10
32	55.483	11.097	4.502E-09	50.759	10.152	3.447E-09	0.947	0.189	2.235E-14	36.795	7.359	1.313E-09	61.549	12.310	6.146E-09	30.592	6.118	7.546E-10	24.052	4.810	3.667E-10
33	51.129	10.226	3.523E-09	7.047	1.409	9.223E-12	37.621	7.524	1.403E-09	27.921	5.584	5.737E-10	25.244	5.049	4.240E-10	53.240	10.648	3.978E-09	25.552	5.110	4.397E-10
34	30.865	6.173	7.750E-10	24.338	4.868	3.800E-10	12.439	2.488	5.073E-11	47.845	9.569	2.887E-09	44.591	8.918	2.337E-09	42.358	8.472	2.003E-09	29.369	5.874	6.677E-10
35	24.076	4.815	3.678E-10	55.739	11.148	4.564E-09	43.674	8.735	2.196E-09	49.854	9.971	3.266E-09	54.330	10.866	4.227E-09	12.600	2.520	5.272E-11	24.505	4.901	3.878E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
36	51.038	10.208	3.504E-09	41.563	8.313	1.892E-09	18.855	3.771	1.767E-10	27.149	5.430	5.274E-10	22.540	4.508	3.018E-10	13.214	2.643	6.082E-11	25.266	5.053	4.251E-10
37	26.071	5.214	4.671E-10	3.993	0.799	1.678E-12	29.422	5.884	6.713E-10	45.435	9.087	2.472E-09	15.126	3.025	9.122E-11	55.091	11.018	4.407E-09	46.877	9.375	2.715E-09
38	10.080	2.016	2.700E-11	54.784	10.957	4.334E-09	-16.575	0.000	0.000E+00	11.032	2.206	3.539E-11	39.139	7.828	1.580E-09	29.201	5.840	6.563E-10	33.710	6.742	1.010E-09
39	58.606	11.721	5.305E-09	46.852	9.370	2.711E-09	11.011	2.202	3.519E-11	100.741	20.148	2.695E-08	60.757	12.151	5.911E-09	43.859	8.772	2.224E-09	12.376	2.475	4.996E-11
40	44.286	8.857	2.289E-09	20.159	4.032	2.159E-10	54.652	10.930	4.302E-09	16.508	3.302	1.186E-10	35.128	7.026	1.142E-09	9.046	1.809	1.951E-11	50.765	10.153	3.448E-09
41	14.861	2.972	8.651E-11	44.742	8.948	2.361E-09	23.408	4.682	3.381E-10	20.517	4.103	2.276E-10	61.490	12.298	6.128E-09	11.764	2.353	4.291E-11	34.693	6.939	1.101E-09
42	60.705	12.141	5.896E-09	26.378	5.276	4.838E-10	0.916	0.183	2.026E-14	15.657	3.131	1.012E-10	50.073	10.015	3.309E-09	39.274	7.855	1.597E-09	23.323	4.665	3.344E-10
43	-46.846	0.000	0.000E+00	55.201	11.040	4.433E-09	44.675	8.935	2.350E-09	24.715	4.943	3.979E-10	13.351	2.670	6.273E-11	16.216	3.243	1.124E-10	54.403	10.881	4.244E-09
44	37.054	7.411	1.341E-09	33.290	6.658	9.724E-10	19.611	3.922	1.988E-10	56.870	11.374	4.848E-09	26.793	5.359	5.069E-10	30.064	6.013	7.162E-10	13.842	2.768	6.991E-11
45	44.174	8.835	2.272E-09	53.050	10.610	3.935E-09	44.135	8.827	2.266E-09	25.648	5.130	4.447E-10	39.140	7.828	1.580E-09	50.899	10.180	3.475E-09	8.277	1.655	1.494E-11
46	41.850	8.370	1.932E-09	6.762	1.352	8.148E-12	5.816	1.163	5.186E-12	-27.706	0.000	0.000E+00	7.381	1.476	1.060E-11	95.766	19.153	2.315E-08	4.158	0.832	1.895E-12
47	35.167	7.033	1.146E-09	20.717	4.143	2.343E-10	94.014	18.803	2.190E-08	61.392	12.278	6.099E-09	68.286	13.657	8.392E-09	27.007	5.401	5.192E-10	58.234	11.647	5.205E-09
48	25.795	5.159	4.524E-10	55.270	11.054	4.450E-09	45.417	9.083	2.469E-09	32.862	6.572	9.353E-10	52.885	10.577	3.898E-09	53.774	10.755	4.098E-09	76.613	15.323	1.185E-08
49	15.297	3.059	9.434E-11	26.021	5.204	4.644E-10	40.363	8.073	1.733E-09	48.067	9.613	2.927E-09	24.990	4.998	4.113E-10	36.276	7.255	1.258E-09	54.269	10.854	4.213E-09
50	51.496	10.299	3.599E-09	11.590	2.318	4.103E-11	12.775	2.555	5.495E-11	23.834	4.767	3.568E-10	53.061	10.612	3.937E-09	57.581	11.516	5.032E-09	14.671	2.934	8.323E-11
51	40.239	8.048	1.717E-09	10.353	2.071	2.925E-11	45.968	9.194	2.560E-09	14.750	2.950	8.458E-11	48.057	9.611	2.925E-09	53.893	10.779	4.126E-09	24.416	4.883	3.836E-10
52	41.025	8.205	1.820E-09	12.764	2.553	5.481E-11	-3.288	0.000	0.000E+00	10.641	2.128	3.176E-11	35.415	7.083	1.171E-09	53.000	10.600	3.924E-09	25.849	5.170	4.552E-10
53	17.525	3.505	1.419E-10	27.960	5.592	5.761E-10	55.837	11.167	4.588E-09	24.287	4.857	3.776E-10	29.504	5.901	6.769E-10	23.698	4.740	3.508E-10	10.900	2.180	3.413E-11
54	51.534	10.307	3.607E-09	23.459	4.692	3.403E-10	50.216	10.043	3.337E-09	43.419	8.684	2.157E-09	46.964	9.393	2.730E-09	36.049	7.210	1.235E-09	31.977	6.395	8.618E-10
55	18.020	3.604	1.542E-10	43.006	8.601	2.096E-09	12.771	2.554	5.489E-11	56.645	11.329	4.790E-09	40.521	8.104	1.754E-09	61.024	12.205	5.990E-09	53.425	10.685	4.019E-09
56	5.020	1.004	3.335E-12	9.526	1.905	2.278E-11	68.359	13.672	8.419E-09	12.682	2.536	5.375E-11	10.791	2.158	3.312E-11	-28.992	0.000	0.000E+00	58.449	11.690	5.263E-09
57	58.015	11.603	5.146E-09	33.752	6.750	1.013E-09	12.331	2.466	4.942E-11	50.693	10.139	3.433E-09	19.205	3.841	1.867E-10	25.366	5.073	4.302E-10	57.160	11.432	4.922E-09
58	7.886	1.577	1.293E-11	16.810	3.362	1.252E-10	19.386	3.877	1.920E-10	23.613	4.723	3.470E-10	24.817	4.963	4.028E-10	32.843	6.569	9.337E-10	18.770	3.754	1.743E-10
59	10.149	2.030	2.755E-11	28.532	5.706	6.122E-10	32.141	6.428	8.751E-10	48.935	9.787	3.088E-09	51.652	10.330	3.632E-09	11.451	2.290	3.958E-11	29.819	5.964	6.988E-10
60	69.863	13.973	8.987E-09	25.899	5.180	4.579E-10	62.509	12.502	6.438E-09	43.218	8.644	2.128E-09	45.275	9.055	2.446E-09	42.338	8.468	2.000E-09	58.136	11.627	5.179E-09
61	23.876	4.775	3.587E-10	30.850	6.170	7.738E-10	13.453	2.691	6.418E-11	31.112	6.222	7.938E-10	8.968	1.794	1.901E-11	21.721	4.344	2.701E-10	22.919	4.584	3.173E-10
62	11.525	2.305	4.035E-11	50.706	10.141	3.436E-09	57.937	11.587	5.126E-09	52.742	10.548	3.867E-09	55.774	11.155	4.573E-09	13.745	2.749	6.845E-11	17.456	3.491	1.402E-10
63	24.773	4.955	4.007E-10	3.119	0.624	7.998E-13	28.441	5.688	6.063E-10	111.316	22.263	3.636E-08	14.359	2.872	7.804E-11	29.435	5.887	6.722E-10	58.353	11.671	5.237E-09
64	46.232	9.246	2.605E-09	4.817	0.963	2.946E-12	51.830	10.366	3.670E-09	32.971	6.594	9.447E-10	9.136	1.827	2.010E-11	53.584	10.717	4.055E-09	14.050	2.810	7.311E-11
65	36.894	7.379	1.324E-09	12.732	2.546	5.440E-11	54.481	10.896	4.262E-09	38.185	7.637	1.467E-09	24.875	4.975	4.057E-10	56.621	11.324	4.784E-09	18.346	3.669	1.628E-10
66	34.669	6.934	1.098E-09	-3.774	0.000	0.000E+00	57.781	11.556	5.085E-09	95.429	19.086	2.291E-08	61.656	12.331	6.178E-09	19.597	3.919	1.984E-10	19.983	3.997	2.103E-10
67	26.941	5.388	5.154E-10	12.912	2.582	5.674E-11	11.388	2.278	3.893E-11	105.244	21.049	3.072E-08	17.062	3.412	1.309E-10	-31.198	0.000	0.000E+00	4.266	0.853	2.046E-12
68	49.161	9.832	3.131E-09	-18.122	0.000	0.000E+00	34.908	6.982	1.121E-09	39.768	7.954	1.658E-09	60.261	12.052	5.768E-09	2.136	0.427	2.570E-13	35.623	7.125	1.191E-09
69	25.127	5.025	4.181E-10	12.594	2.519	5.265E-11	12.597	2.519	5.268E-11	54.068	10.814	4.166E-09	44.366	8.873	2.302E-09	9.785	1.957	2.469E-11	42.531	8.506	2.028E-09
70	26.303	5.261	4.796E-10	8.518	1.704	1.629E-11	62.249	12.450	6.358E-09	49.982	9.996	3.291E-09	-34.994	0.000	0.000E+00	8.541	1.708	1.642E-11	27.343	5.469	5.388E-10
71	19.017	3.803	1.813E-10	82.196	16.439	1.464E-08	55.861	11.172	4.594E-09	40.084	8.017	1.697E-09	5.471	1.094	4.316E-12	24.897	4.979	4.068E-10	39.964	7.993	1.682E-09
72	16.786	3.357	1.247E-10	6.457	1.291	7.094E-12	80.179	16.036	1.359E-08	26.138	5.228	4.707E-10	15.490	3.098	9.796E-11	37.444	7.489	1.384E-09	11.301	2.260	3.804E-11
73	48.352	9.670	2.979E-09	50.897	10.179	3.475E-09	59.601	11.920	5.580E-09	11.881	2.376	4.420E-11	48.322	9.664	2.974E-09	22.567	4.513	3.029E-10	72.706	14.541	1.013E-08
74	39.947	7.989	1.680E-09	51.635	10.327	3.628E-09	54.591	10.918	4.288E-09	68.794	13.759	8.581E-09	39.018	7.804	1.566E-09	43.728	8.746	2.204E-09	98.878	19.776	2.548E-08
75	14.387	2.877	7.848E-11	20.968	4.194	2.430E-10	24.887	4.977	4.063E-10	35.850	7.170	1.214E-09	40.823	8.165	1.793E-09	22.684	4.537	3.077E-10	13.989	2.798	7.215E-11
76	19.760	3.952	2.034E-10	31.194	6.239	8.000E-10	48.841	9.768	3.071E-09	40.457	8.091	1.745E-09	39.545	7.909	1.630E-09	1.483	0.297	8.596E-14	24.378	4.876	3.819E-10
77	37.796	7.559	1.423E-09	34.568	6.914	1.089E-09	12.219	2.444	4.808E-11	33.929	6.786	1.029E-09	15.790	3.158	1.038E-10	48.537	9.707	3.014E-09	25.295	5.059	4.266E-10
78	56.426	11.285	4.735E-09	24.278	4.856	3.772E-10	10.933	2.187	3.444E-11	101.271	20.254	2.737E-08	49.827	9.965	3.260E-09	25.595	5.119	4.419E-10	31.229	6.246	8.027E-10
79	52.999	10.600	3.924E-09	51.044	10.209	3.505E-09	25.295	5.059	4.266E-10	54.901	10.980	4.361E-09	41.551	8.310	1.891E-09	22.786	4.557	3.118E-10	42.529	8.506	2.027E-09
80	12.838	2.568	5.577E-11	85.066	17.013	1.622E-08	39.978	7.996	1.684E-09	53.509	10.702	4.038E-09	-18.898	0.000	0.000E+00	21.895	4.379	2.767E-10	23.925	4.785	3.610E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
81	-6.985	0.000	0.000E+00	56.913	11.383	4.859E-09	4.649	0.930	2.648E-12	65.648	13.130	7.457E-09	16.725	3.345	1.233E-10	45.596	9.119	2.498E-09	27.870	5.574	5.706E-10
82	11.533	2.307	4.043E-11	57.666	11.533	5.054E-09	53.723	10.745	4.087E-09	2.092	0.418	2.413E-13	16.013	3.203	1.082E-10	3.337	0.667	9.796E-13	10.169	2.034	2.772E-11
83	11.694	2.339	4.215E-11	33.536	6.707	9.940E-10	52.200	10.440	3.749E-09	38.077	7.615	1.455E-09	28.325	5.665	5.989E-10	31.241	6.248	8.037E-10	30.907	6.181	7.781E-10
84	7.575	1.515	1.146E-11	23.886	4.777	3.592E-10	19.782	3.956	2.040E-10	23.283	4.657	3.326E-10	16.991	3.398	1.293E-10	12.541	2.508	5.199E-11	58.229	11.646	5.204E-09
85	57.106	11.421	4.908E-09	40.949	8.190	1.810E-09	30.199	6.040	7.259E-10	43.033	8.607	2.100E-09	25.593	5.119	4.418E-10	24.935	4.987	4.086E-10	32.216	6.443	8.812E-10
86	18.702	3.740	1.724E-10	14.902	2.980	8.722E-11	11.303	2.261	3.806E-11	-21.448	0.000	0.000E+00	14.880	2.976	8.683E-11	47.255	9.451	2.781E-09	20.154	4.031	2.158E-10
87	40.141	8.028	1.705E-09	11.810	2.362	4.342E-11	10.877	2.175	3.392E-11	6.857	1.371	8.497E-12	16.804	3.361	1.251E-10	12.102	2.420	4.671E-11	92.527	18.505	2.088E-08
88	41.163	8.233	1.838E-09	9.345	1.869	2.151E-11	55.935	11.187	4.613E-09	21.655	4.331	2.677E-10	36.203	7.241	1.251E-09	48.761	9.752	3.056E-09	16.726	3.345	1.233E-10
89	-22.547	0.000	0.000E+00	56.534	11.307	4.762E-09	42.021	8.404	1.956E-09	99.969	19.994	2.633E-08	17.947	3.589	1.524E-10	30.459	6.092	7.448E-10	27.592	5.518	5.537E-10
90	54.426	10.885	4.249E-09	40.255	8.051	1.719E-09	38.573	7.715	1.513E-09	51.916	10.383	3.688E-09	27.597	5.519	5.540E-10	56.403	11.281	4.729E-09	34.425	6.885	1.075E-09
91	61.875	12.375	6.244E-09	48.055	9.611	2.925E-09	37.342	7.468	1.372E-09	51.465	10.293	3.593E-09	-30.477	0.000	0.000E+00	18.679	3.736	1.718E-10	38.663	7.733	1.523E-09
92	64.740	12.948	7.152E-09	10.941	2.188	3.452E-11	12.813	2.563	5.545E-11	39.605	7.921	1.637E-09	13.707	2.741	6.788E-11	19.786	3.957	2.042E-10	55.093	11.019	4.407E-09
93	32.931	6.586	9.412E-10	45.551	9.110	2.491E-09	15.737	3.147	1.027E-10	32.032	6.406	8.662E-10	17.685	3.537	1.458E-10	55.700	11.140	4.555E-09	53.196	10.639	3.968E-09
94	1.594	0.319	1.068E-13	53.271	10.654	3.984E-09	58.255	11.651	5.211E-09	18.769	3.754	1.743E-10	23.415	4.683	3.384E-10	27.798	5.560	5.661E-10	42.954	8.591	2.089E-09
95	31.381	6.276	8.145E-10	62.586	12.517	6.461E-09	-1.852	0.000	0.000E+00	22.980	4.596	3.199E-10	25.762	5.152	4.506E-10	51.662	10.332	3.634E-09	22.730	4.546	3.095E-10
96	33.953	6.791	1.032E-09	29.261	5.852	6.603E-10	86.196	17.239	1.688E-08	14.333	2.867	7.761E-11	26.224	5.245	4.753E-10	23.093	4.619	3.246E-10	94.823	18.965	2.247E-08
97	11.590	2.318	4.104E-11	35.443	7.089	1.173E-09	28.345	5.669	6.002E-10	33.854	6.771	1.023E-09	24.010	4.802	3.648E-10	26.112	5.222	4.692E-10	13.249	2.650	6.129E-11
98	24.543	4.909	3.896E-10	34.774	6.955	1.108E-09	39.131	7.826	1.579E-09	52.736	10.547	3.866E-09	-12.196	0.000	0.000E+00	32.329	6.466	8.906E-10	21.056	4.211	2.460E-10
99	33.108	6.622	9.565E-10	12.930	2.586	5.697E-11	27.119	5.424	5.257E-10	15.424	3.085	9.671E-11	28.296	5.659	5.971E-10	14.605	2.921	8.210E-11	63.665	12.733	6.801E-09
100	29.670	5.934	6.884E-10	23.326	4.665	3.345E-10	8.486	1.697	1.611E-11	12.929	2.459	4.898E-11	17.811	3.562	1.489E-10	46.938	9.388	2.726E-09	51.476	10.295	3.595E-09
101	54.354	10.871	4.232E-09	56.321	11.264	4.709E-09	26.011	5.202	4.638E-10	26.429	5.286	4.866E-10	39.184	7.837	1.586E-09	64.529	12.906	7.082E-09	4.203	0.841	1.957E-12
102	24.566	4.913	3.908E-10	24.268	4.854	3.767E-10	20.388	4.078	2.234E-10	50.912	10.182	3.478E-09	36.821	7.364	1.316E-09	8.208	1.642	1.458E-11	53.101	10.620	3.946E-09
103	44.275	8.855	2.288E-09	56.771	11.354	4.823E-09	22.520	4.504	3.010E-10	6.331	1.266	6.687E-12	37.995	7.599	1.446E-09	10.928	2.186	3.440E-11	16.253	3.251	1.132E-10
104	25.922	5.184	4.591E-10	20.609	4.122	2.307E-10	41.925	8.385	1.942E-09	58.842	11.768	5.370E-09	17.517	3.503	1.417E-10	15.050	3.010	8.984E-11	13.617	2.723	6.654E-11
105	3.049	0.610	7.469E-13	12.514	2.503	5.165E-11	-51.336	0.000	0.000E+00	50.936	10.187	3.483E-09	35.272	7.054	1.157E-09	18.826	3.765	1.759E-10	26.756	5.351	5.048E-10
106	23.628	4.726	3.477E-10	42.240	8.448	1.986E-09	66.315	13.263	7.686E-09	18.923	3.785	1.786E-10	17.768	3.554	1.478E-10	56.769	11.354	4.822E-09	98.666	19.733	2.532E-08
107	1.151	0.230	4.022E-14	62.532	12.506	6.445E-09	6.794	1.359	8.267E-12	56.789	11.358	4.827E-09	17.939	3.588	1.521E-10	40.540	8.108	1.756E-09	43.147	8.629	2.117E-09
108	49.416	9.883	3.180E-09	10.476	2.095	3.030E-11	19.404	3.881	1.926E-10	52.324	10.465	3.776E-09	30.480	6.096	7.464E-10	22.608	4.522	3.046E-10	17.916	3.583	1.516E-10
109	4.047	0.809	1.747E-12	53.134	10.627	3.954E-09	15.667	3.133	1.014E-10	56.378	11.276	4.723E-09	8.042	1.608	1.371E-11	3.072	0.614	7.642E-13	28.123	5.625	5.863E-10
110	72.541	14.508	1.006E-08	24.052	4.810	3.667E-10	51.147	10.229	3.527E-09	14.567	2.913	8.146E-11	18.168	3.634	1.581E-10	42.722	8.544	2.055E-09	33.963	6.793	1.033E-09
111	18.305	3.661	1.617E-10	16.262	3.252	1.134E-10	25.901	5.180	4.580E-10	27.069	5.414	5.228E-10	51.392	10.278	3.577E-09	29.315	5.863	6.640E-10	78.129	15.626	1.257E-08
112	30.399	6.080	7.404E-10	16.098	3.220	1.100E-10	42.243	8.449	1.987E-09	22.593	4.519	3.040E-10	13.249	2.650	6.129E-11	24.172	4.834	3.722E-10	93.155	18.631	2.131E-08
113	23.021	4.604	3.215E-10	78.293	15.659	1.265E-08	26.764	5.353	5.053E-10	45.516	9.103	2.485E-09	27.347	5.469	5.390E-10	33.302	6.660	9.735E-10	49.542	9.908	3.205E-09
114	38.040	7.608	1.451E-09	36.989	7.398	1.334E-09	9.020	1.804	1.935E-11	-1.118	0.000	0.000E+00	44.683	8.937	2.351E-09	20.021	4.004	2.115E-10	57.644	11.529	5.048E-09
115	27.285	5.457	5.354E-10	57.811	11.562	5.092E-09	24.233	4.847	3.750E-10	20.102	4.020	2.141E-10	20.779	4.156	2.365E-10	26.090	5.218	4.681E-10	8.953	1.791	1.892E-11
116	13.453	2.691	6.417E-11	55.258	11.052	4.447E-09	47.699	9.540	2.860E-09	30.942	6.188	7.808E-10	16.186	3.237	1.118E-10	36.972	7.394	1.332E-09	28.823	5.765	6.311E-10
117	17.253	3.451	1.353E-10	54.170	10.834	4.189E-09	25.435	5.087	4.337E-10	16.063	3.213	1.092E-10	12.768	2.554	5.486E-11	98.201	19.640	2.496E-08	48.120	9.624	2.937E-09
118	15.092	3.018	9.060E-11	43.041	8.608	2.102E-09	6.793	1.359	8.262E-12	18.995	3.799	1.806E-10	17.772	3.554	1.480E-10	55.383	11.077	4.477E-09	30.745	6.149	7.660E-10
119	55.482	11.096	4.501E-09	50.360	10.072	3.366E-09	30.629	6.126	7.573E-10	15.463	3.093	9.744E-11	14.413	2.883	7.891E-11	20.291	4.058	2.202E-10	25.568	5.114	4.405E-10
120	42.352	8.470	2.002E-09	-53.768	0.000	0.000E+00	30.379	6.076	7.389E-10	-24.098	0.000	0.000E+00	-21.762	0.000	0.000E+00	32.339	6.468	8.914E-10	20.654	4.131	2.322E-10
121	-14.318	0.000	0.000E+00	51.026	10.205	3.502E-09	8.621	1.724	1.689E-11	46.555	9.311	2.659E-09	39.508	7.902	1.625E-09	28.074	5.615	5.832E-10	10.996	2.199	3.504E-11
122	23.628	4.726	3.477E-10	9.177	1.835	2.037E-11	19.721	3.944	2.021E-10	16.124	3.225	1.105E-10	18.998	3.800	1.807E-10	15.916	3.183	1.063E-10	11.173	2.235	3.677E-11
123	36.169	7.234	1.247E-09	22.938	4.588	3.181E-10	38.678	7.736	1.525E-09	33.833	6.767	1.021E-09	31.494	6.299	8.233E-10	48.505	9.701	3.008E-09	35.075	7.015	1.137E-09
124	35.978	7.196	1.227E-09	40.115	8.023	1.701E-09	50.701	10.140	3.435E-09	26.607	5.321	4.964E-10	31.749	6.350	8.435E-10	43.050	8.610	2.103E-09	17.137	3.427	1.326E-10
125	12.287	2.457	4.889E-11	39.315	7.863	1.602E-09	49.383	9.877	3.174E-09	13.538	2.708	6.540E-11	38.309	7.662	1.482E-09	15.381	3.076	9.591E-11	37.029	7.406	1.338E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
126	20.991	4.198	2.438E-10	10.924	2.185	3.436E-11	35.306	7.061	1.160E-09	24.811	4.962	4.026E-10	21.432	4.286	2.595E-10	-20.230	0.000	0.000E+00	17.433	3.487	1.396E-10
127	18.721	3.744	1.729E-10	21.933	4.387	2.781E-10	39.662	7.932	1.644E-09	45.116	9.023	2.420E-09	41.031	8.206	1.821E-09	39.937	7.987	1.679E-09	26.839	5.368	5.096E-10
128	28.802	5.760	6.298E-10	19.205	3.841	1.867E-10	13.666	2.733	6.727E-11	74.001	14.800	1.068E-08	20.515	4.103	2.276E-10	47.271	9.454	2.784E-09	28.127	5.625	5.865E-10
129	22.151	4.430	2.865E-10	27.637	5.527	5.564E-10	31.254	6.251	8.046E-10	33.197	6.639	9.643E-10	40.330	8.066	1.729E-09	26.669	5.334	5.000E-10	19.460	3.892	1.942E-10
130	34.867	6.973	1.117E-09	22.124	4.425	2.854E-10	24.834	4.967	4.037E-10	34.085	6.817	1.044E-09	22.584	4.517	3.036E-10	11.458	2.292	3.965E-11	36.897	7.379	1.324E-09
131	53.240	10.648	3.977E-09	21.418	4.284	2.590E-10	40.821	8.164	1.793E-09	58.583	11.717	5.299E-09	19.747	3.949	2.029E-10	13.986	2.797	7.210E-11	102.376	20.475	2.828E-08
132	36.376	7.275	1.269E-09	61.579	12.316	6.155E-09	14.236	2.847	7.604E-11	32.361	6.472	8.932E-10	18.635	3.727	1.706E-10	41.927	8.385	1.943E-09	47.257	9.451	2.782E-09
133	35.909	7.182	1.220E-09	18.876	3.775	1.773E-10	48.965	9.793	3.094E-09	13.379	2.676	6.312E-11	17.181	3.436	1.337E-10	12.429	2.486	5.060E-11	18.702	3.740	1.724E-10
134	47.818	9.564	2.882E-09	36.438	7.288	1.275E-09	8.820	1.764	1.809E-11	67.184	13.437	7.993E-09	16.456	3.291	1.174E-10	14.168	2.834	7.495E-11	15.143	3.029	9.152E-11
135	54.860	10.972	4.352E-09	71.043	14.209	9.451E-09	52.018	10.404	3.710E-09	29.189	5.838	6.555E-10	16.587	3.317	1.203E-10	12.919	2.584	5.683E-11	32.075	6.415	8.698E-10
136	33.662	6.732	1.005E-09	14.434	2.887	7.925E-11	31.419	6.284	8.174E-10	30.804	6.161	7.704E-10	14.316	2.863	7.733E-11	18.424	3.685	1.648E-10	12.461	2.492	5.100E-11
137	6.075	1.215	5.909E-12	24.484	4.897	3.868E-10	11.239	2.248	3.742E-11	6.989	1.398	8.998E-12	12.684	2.537	5.378E-11	40.884	8.177	1.801E-09	41.951	8.390	1.946E-09
138	29.932	5.986	7.068E-10	5.624	1.125	4.688E-12	26.156	5.231	4.716E-10	61.645	12.329	6.174E-09	18.446	3.689	1.654E-10	35.706	7.141	1.200E-09	24.324	4.865	3.793E-10
139	34.579	6.916	1.090E-09	18.363	3.673	1.632E-10	34.176	6.835	1.052E-09	23.676	4.735	3.498E-10	17.591	3.518	1.435E-10	-6.722	0.000	0.000E+00	38.161	7.632	1.465E-09
140	12.903	2.581	5.662E-11	13.095	2.619	5.918E-11	17.671	3.534	1.454E-10	18.196	3.639	1.588E-10	4.782	0.956	2.882E-12	27.201	5.440	5.305E-10	15.994	3.199	1.078E-10
141	41.776	8.355	1.922E-09	25.864	5.173	4.560E-10	5.923	1.185	5.476E-12	25.538	5.108	4.390E-10	34.740	6.948	1.105E-09	15.568	3.114	9.944E-11	25.587	5.117	4.415E-10
142	13.051	2.610	5.858E-11	48.979	9.796	3.097E-09	17.620	3.524	1.442E-10	42.937	8.587	2.086E-09	26.671	5.334	5.000E-10	11.475	2.295	3.982E-11	51.618	10.324	3.625E-09
143	10.461	2.092	3.017E-11	29.646	5.929	6.867E-10	-3.327	0.000	0.000E+00	52.748	10.550	3.868E-09	16.469	3.294	1.177E-10	9.624	1.925	2.349E-11	14.684	2.937	8.345E-11
144	66.218	13.244	7.653E-09	29.528	5.906	6.786E-10	24.240	4.848	3.754E-10	17.616	3.523	1.441E-10	22.271	4.454	2.911E-10	52.267	10.453	3.763E-09	10.569	2.114	3.111E-11
145	36.983	7.397	1.333E-09	1.098	0.220	3.485E-14	10.622	2.124	3.159E-11	37.585	7.517	1.399E-09	-14.194	0.000	0.000E+00	41.458	8.292	1.878E-09	-15.408	0.000	0.000E+00
146	20.971	4.194	2.431E-10	-4.840	0.000	0.000E+00	14.138	2.828	7.448E-11	1.498	0.300	8.861E-14	15.248	3.050	9.343E-11	14.066	2.813	7.334E-11	35.600	7.120	1.189E-09
147	-22.046	0.000	0.000E+00	36.007	7.201	1.230E-09	46.349	9.270	2.624E-09	21.797	4.359	2.729E-10	16.280	3.256	1.137E-10	13.559	2.712	6.571E-11	24.889	4.978	4.063E-10
148	18.471	3.694	1.661E-10	22.008	4.402	2.810E-10	19.451	3.890	1.940E-10	38.786	7.757	1.538E-09	53.290	10.658	3.989E-09	17.589	3.518	1.434E-10	32.027	6.405	8.658E-10
149	41.476	8.295	1.881E-09	22.885	4.577	3.159E-10	39.345	7.869	1.605E-09	5.431	1.086	4.223E-12	19.797	3.959	2.045E-10	14.629	2.926	8.252E-11	17.035	3.407	1.303E-10
150	38.628	7.726	1.519E-09	23.667	4.733	3.494E-10	17.314	3.463	1.368E-10	10.149	2.030	2.755E-11	16.720	3.344	1.232E-10	-5.164	0.000	0.000E+00	14.157	2.831	7.479E-11
151	-11.118	0.000	0.000E+00	23.630	4.726	3.478E-10	15.294	3.059	9.428E-11	21.138	4.228	2.489E-10	9.365	1.873	2.165E-11	15.601	3.120	1.001E-10	17.573	3.515	1.430E-10
152	26.951	5.390	5.160E-10	52.105	10.421	3.728E-09	14.391	2.878	7.856E-11	28.273	5.655	5.957E-10	38.909	7.782	1.553E-09	15.445	3.089	9.710E-11	16.795	3.359	1.249E-10
153	20.497	4.099	2.270E-10	17.594	3.519	1.435E-10	29.632	5.926	6.858E-10	-7.727	0.000	0.000E+00	24.255	4.851	3.761E-10	90.305	18.061	1.941E-08	24.148	4.830	3.711E-10
154	34.317	6.863	1.065E-09	32.065	6.413	8.689E-10	10.063	2.013	2.685E-11	9.620	1.924	2.346E-11	15.333	3.067	9.502E-11	22.437	4.487	2.977E-10	11.853	2.371	4.389E-11
155	2.422	0.484	3.747E-13	24.493	4.899	3.873E-10	22.749	4.550	3.103E-10	35.845	7.169	1.214E-09	37.369	7.474	1.375E-09	17.255	3.451	1.354E-10	52.293	10.459	3.769E-09
156	36.600	7.320	1.292E-09	30.621	6.124	7.567E-10	20.668	4.134	2.327E-10	39.571	7.914	1.633E-09	17.557	3.511	1.427E-10	10.907	2.181	3.420E-11	37.119	7.424	1.348E-09
157	32.889	6.578	9.377E-10	-22.739	0.000	0.000E+00	14.486	2.897	8.012E-11	39.456	7.891	1.619E-09	38.677	7.735	1.525E-09	45.004	9.001	2.402E-09	13.679	2.736	6.747E-11
158	14.498	2.900	8.032E-11	39.534	7.907	1.629E-09	28.234	5.647	5.932E-10	28.193	5.639	5.906E-10	36.097	7.219	1.240E-09	13.633	2.727	6.678E-11	46.656	9.331	2.677E-09
159	47.778	9.556	2.874E-09	12.442	2.488	5.076E-11	22.420	4.484	2.970E-10	29.583	5.917	6.824E-10	29.216	5.843	6.573E-10	40.724	8.145	1.780E-09	15.283	3.057	9.409E-11
160	41.752	8.350	1.918E-09	18.243	3.649	1.600E-10	19.589	3.918	1.981E-10	28.935	5.787	6.385E-10	50.821	10.164	3.460E-09	31.269	6.254	8.058E-10	19.439	3.888	1.936E-10
161	22.210	4.442	2.888E-10	28.835	5.767	6.319E-10	27.280	5.456	5.351E-10	29.001	5.800	6.429E-10	30.137	6.027	7.214E-10	13.730	2.746	6.822E-11	33.109	6.622	9.566E-10
162	32.246	6.449	8.837E-10	13.919	2.784	7.107E-11	44.396	8.879	2.306E-09	-13.216	0.000	0.000E+00	12.386	2.477	5.008E-11	31.360	6.272	8.128E-10	18.236	3.647	1.598E-10
163	17.217	3.443	1.345E-10	24.923	4.985	4.080E-10	37.975	7.595	1.443E-09	17.782	3.556	1.482E-10	-18.702	0.000	0.000E+00	12.076	2.415	4.642E-11	38.652	7.730	1.522E-09
164	58.653	11.731	5.318E-09	-26.799	0.000	0.000E+00	37.681	7.536	1.410E-09	25.696	5.139	4.472E-10	18.123	3.625	1.569E-10	17.849	3.570	1.499E-10	34.609	6.922	1.093E-09
165	55.969	11.194	4.621E-09	17.793	3.559	1.485E-10	12.891	2.578	5.646E-11	13.576	2.715	6.595E-11	-12.647	0.000	0.000E+00	26.085	5.217	4.678E-10	-7.729	0.000	0.000E+00
166	40.665	8.133	1.772E-09	19.832	3.966	2.056E-10	22.529	4.506	3.014E-10	25.928	5.186	4.594E-10	54.803	10.961	4.338E-09	25.215	5.043	4.225E-10	40.246	8.049	1.718E-09
167	21.743	4.349	2.709E-10	33.354	6.671	9.780E-10	64.125	12.825	6.950E-09	-17.135	0.000	0.000E+00	13.519	2.704	6.512E-11	19.608	3.922	1.987E-10	-44.198	0.000	0.000E+00
168	33.866	6.773	1.024E-09	10.812	2.162	3.332E-11	50.316	10.063	3.357E-09	33.018	6.604	9.487E-10	19.134	3.827	1.846E-10	34.266	6.853	1.060E-09	31.840	6.368	8.507E-10
169	14.159	2.832	7.481E-11	11.455	2.291	3.962E-11	15.480	3.096	9.776E-11	20.528	4.106	2.280E-10	36.947	7.389	1.329E-09	17.320	3.464	1.370E-10	15.322	3.064	9.480E-11
170	26.006	5.201	4.636E-10	31.863	6.373	8.526E-10	4.808	0.962	2.930E-12	25.478	5.096	4.359E-10	16.287	3.257	1.139E-10	14.778	2.956	8.505E-11	18.052		

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
171	9.340	1.868	2.147E-11	18.044	3.609	1.548E-10	25.209	5.042	4.222E-10	18.466	3.693	1.660E-10	9.902	1.980	2.559E-11	52.021	10.404	3.711E-09	58.747	11.749	5.344E-09
172	9.541	1.908	2.289E-11	15.835	3.167	1.047E-10	13.056	2.611	5.865E-11	39.895	7.979	1.674E-09	28.214	5.643	5.919E-10	26.654	5.331	4.991E-10	-16.653	0.000	0.000E+00
173	37.387	7.477	1.377E-09	26.377	5.275	4.837E-10	15.077	3.015	9.033E-11	29.990	5.998	7.109E-10	-8.669	0.000	0.000E+00	14.929	2.986	8.769E-11	55.830	11.166	4.587E-09
174	68.246	13.649	8.378E-09	16.109	3.222	1.102E-10	12.195	2.439	4.780E-11	23.868	4.774	3.584E-10	11.859	2.372	4.396E-11	-7.452	0.000	0.000E+00	13.498	2.700	6.482E-11
175	38.007	7.601	1.447E-09	25.206	5.041	4.221E-10	-21.683	0.000	0.000E+00	31.814	6.363	8.486E-10	10.400	2.080	2.964E-11	13.667	2.733	6.728E-11	19.610	3.922	1.988E-10
176	37.736	7.547	1.416E-09	25.831	5.166	4.543E-10	33.219	6.644	9.661E-10	19.072	3.814	1.829E-10	15.363	3.073	9.558E-11	18.804	3.761	1.752E-10	-8.085	0.000	0.000E+00
177	15.893	3.179	1.058E-10	13.874	2.775	7.039E-11	22.884	4.577	3.158E-10	16.933	3.387	1.280E-10	16.856	3.371	1.262E-10	14.329	2.866	7.754E-11	12.170	2.434	4.751E-11
178	12.192	2.438	4.776E-11	13.764	2.753	6.873E-11	35.320	7.064	1.161E-09	32.361	6.472	8.932E-10	15.485	3.097	9.786E-11	13.353	2.671	6.275E-11	4.395	0.879	2.238E-12
179	8.662	1.732	1.713E-11	27.025	5.405	5.202E-10	34.852	6.970	1.116E-09	7.159	1.432	9.670E-12	29.089	5.818	6.487E-10	21.100	4.220	2.476E-10	18.173	3.635	1.582E-10
180	20.244	4.049	2.187E-10	32.801	6.560	9.302E-10	-14.794	0.000	0.000E+00	-12.656	0.000	0.000E+00	25.557	5.111	4.400E-10	22.059	4.412	2.829E-10	30.038	6.008	7.144E-10
181	27.072	5.414	5.230E-10	9.331	1.866	2.141E-11	12.763	2.553	5.480E-11	5.176	1.035	3.654E-12	36.242	7.248	1.255E-09	15.111	3.022	9.095E-11	14.964	2.993	8.831E-11
182	12.367	2.473	4.986E-11	19.637	3.927	1.996E-10	11.063	2.213	3.569E-11	22.611	4.522	3.047E-10	88.307	17.661	1.815E-08	25.107	5.021	4.171E-10	-26.914	0.000	0.000E+00
183	10.533	2.107	3.080E-11	32.398	6.480	8.963E-10	29.452	5.890	6.734E-10	31.878	6.376	8.538E-10	53.790	10.758	4.102E-09	83.924	16.785	1.558E-08	23.623	4.725	3.475E-10
184	16.682	3.336	1.224E-10	19.928	3.986	2.086E-10	18.039	3.608	1.547E-10	41.195	8.239	1.843E-09	-4.076	0.000	0.000E+00	20.279	4.056	2.198E-10	-10.142	0.000	0.000E+00
185	17.203	3.441	1.342E-10	22.943	4.589	3.183E-10	-6.129	0.000	0.000E+00	20.655	4.131	2.322E-10	21.246	4.249	2.528E-10	14.447	2.889	7.947E-11	32.577	6.515	9.113E-10
186	4.830	0.966	2.969E-12	24.824	4.965	4.032E-10	17.859	3.572	1.501E-10	7.112	1.422	9.480E-12	27.568	5.514	5.522E-10	-18.487	0.000	0.000E+00	7.316	1.463	1.032E-11
187	-7.781	0.000	0.000E+00	6.993	1.399	9.015E-12	-5.938	0.000	0.000E+00	16.339	3.268	1.150E-10	-7.360	0.000	0.000E+00	9.771	1.954	2.459E-11	35.463	7.093	1.175E-09
188	24.564	4.913	3.906E-10	19.237	3.847	1.876E-10	31.624	6.325	8.336E-10	35.954	7.191	1.225E-09	32.013	6.403	8.647E-10	20.853	4.171	2.390E-10	11.570	2.314	4.082E-11
189	-11.038	0.000	0.000E+00	29.547	5.909	6.799E-10	15.552	3.110	9.915E-11	12.924	2.585	5.689E-11	12.202	2.440	4.788E-11	14.216	2.843	7.572E-11	12.599	2.520	5.270E-11
190	16.369	3.274	1.156E-10	-17.453	0.000	0.000E+00	16.930	3.386	1.279E-10	55.011	11.002	4.388E-09	20.950	4.190	2.424E-10	15.025	3.005	8.939E-11	18.414	3.683	1.646E-10
191	-8.780	0.000	0.000E+00	13.683	2.737	6.752E-11	32.147	6.429	8.756E-10	32.704	6.541	9.219E-10	13.204	2.641	6.067E-11	-14.783	0.000	0.000E+00	14.081	2.816	7.358E-11
192	39.157	7.831	1.582E-09	20.352	4.070	2.222E-10	10.002	2.000	2.637E-11	20.568	4.114	2.293E-10	13.392	2.678	6.330E-11	11.873	2.375	4.412E-11	20.744	4.149	2.353E-10
193	10.796	2.159	3.316E-11	-14.333	0.000	0.000E+00	22.540	4.508	3.018E-10	19.058	3.812	1.824E-10	48.938	9.788	3.089E-09	16.235	3.247	1.128E-10	19.543	3.909	1.967E-10
194	30.467	6.093	7.454E-10	16.044	3.209	1.089E-10	24.295	4.859	3.779E-10	25.318	5.064	4.277E-10	14.959	2.992	8.823E-11	12.034	2.407	4.594E-11	13.985	2.797	7.208E-11
195	19.552	3.910	1.970E-10	15.022	3.004	8.935E-11	-8.303	0.000	0.000E+00	13.766	2.753	6.875E-11	13.191	2.638	6.050E-11	34.781	6.956	1.109E-09	-7.334	0.000	0.000E+00
196	10.592	2.118	3.132E-11	27.338	5.468	5.385E-10	-26.146	0.000	0.000E+00	108.749	21.750	3.390E-08	17.811	3.562	1.489E-10	11.286	2.257	3.788E-11	32.124	6.425	8.737E-10
197	20.428	4.086	2.247E-10	17.275	3.455	1.359E-10	48.222	9.644	2.955E-09	-104.986	0.000	0.000E+00	14.205	2.841	7.554E-11	40.123	8.025	1.702E-09	5.216	1.043	3.740E-12
198	37.862	7.572	1.430E-09	34.578	6.916	1.090E-09	34.238	6.848	1.058E-09	-22.417	0.000	0.000E+00	15.935	3.187	1.066E-10	14.461	2.892	7.971E-11	-7.753	0.000	0.000E+00
199	14.097	2.819	7.384E-11	36.098	7.220	1.240E-09	13.661	2.732	6.719E-11	-11.541	0.000	0.000E+00	50.347	10.069	3.364E-09	33.634	6.727	1.003E-09	-18.349	0.000	0.000E+00
200	19.941	3.988	2.090E-10	18.301	3.660	1.615E-10	15.855	3.171	1.051E-10	15.221	3.044	9.295E-11	46.268	9.254	2.610E-09	24.763	4.953	4.002E-10	13.587	2.717	6.611E-11
201	-3.391	0.000	0.000E+00	13.631	2.726	6.675E-11	20.099	4.020	2.140E-10	6.810	1.362	8.324E-12	32.032	6.406	8.662E-10	-14.420	0.000	0.000E+00	-15.996	0.000	0.000E+00
202	14.759	2.952	8.474E-11	38.230	7.646	1.473E-09	14.030	2.806	7.278E-11	16.226	3.245	1.126E-10	52.549	10.510	3.825E-09	-12.951	0.000	0.000E+00	13.041	2.608	5.846E-11
203	20.137	4.027	2.152E-10	15.184	3.037	9.227E-11	18.030	3.606	1.545E-10	15.523	3.105	9.858E-11	28.489	5.698	6.094E-10	-17.208	0.000	0.000E+00	17.078	3.416	1.313E-10
204	8.835	1.767	1.818E-11	-12.838	0.000	0.000E+00	53.475	10.695	4.030E-09	15.330	3.066	9.496E-11	19.782	3.956	2.040E-10	18.806	3.761	1.753E-10	48.596	9.719	3.025E-09
205	15.965	3.193	1.073E-10	21.236	4.247	2.524E-10	13.512	2.702	6.503E-11	26.763	5.353	5.052E-10	13.951	2.790	7.156E-11	14.244	2.849	7.618E-11	-39.038	0.000	0.000E+00
206	12.117	2.423	4.689E-11	43.899	8.780	2.230E-09	11.776	2.355	4.304E-11	29.739	5.948	6.932E-10	-17.201	0.000	0.000E+00	-4.169	0.000	0.000E+00	10.192	2.038	2.791E-11
207	21.039	4.208	2.455E-10	-22.900	0.000	0.000E+00	31.887	6.377	8.546E-10	10.273	2.055	2.858E-11	51.432	10.286	3.586E-09	9.783	1.957	2.468E-11	12.119	2.424	4.691E-11
208	20.878	4.176	2.398E-10	38.412	7.682	1.494E-09	22.392	4.478	2.959E-10	20.884	4.177	2.401E-10	43.050	8.610	2.103E-09	16.164	3.233	1.113E-10	28.972	5.794	6.409E-10
209	15.231	3.046	9.313E-11	42.022	8.404	1.956E-09	-9.576	0.000	0.000E+00	41.596	8.319	1.897E-09	45.029	9.006	2.406E-09	19.475	3.895	1.947E-10	32.582	6.516	9.116E-10
210	33.461	6.692	9.874E-10	19.763	3.953	2.035E-10	36.224	7.245	1.253E-09	16.271	3.254	1.135E-10	50.730	10.146	3.441E-09	14.550	2.910	8.118E-11	37.007	7.401	1.336E-09
211	46.254	9.251	2.608E-09	10.796	2.159	3.316E-11	14.292	2.858	7.694E-11	21.792	4.358	2.728E-10	5.232	1.046	3.774E-12	16.628	3.326	1.212E-10	10.506	2.101	3.056E-11
212	10.345	2.069	2.918E-11	14.444	2.889	7.942E-11	15.213	3.043	9.280E-11	40.211	8.042	1.714E-09	13.457	2.691	6.422E-11	18.958	3.792	1.796E-10	22.545	4.509	3.020E-10
213	11.102	2.220	3.607E-11	15.034	3.007	8.955E-11	13.671	2.734	6.734E-11	17.414	3.483	1.392E-10	48.732	9.746	3.050E-09	12.344	2.469	4.958E-11	11.617	2.323	4.132E-11
214	23.006	4.601	3.209E-10	13.103	2.621	5.930E-11	22.542	4.508	3.019E-10	16.873	3.375	1.266E-10	15.779	3.156	1.035E-10	9.807	1.961	2.486E-11	15.564	3.113	9.936E-11
215	-5.473	0.000	0.000E+00	17.778	3.556	1.481E-10	15.831	3.166	1.046E-10	55.056	11.011	4.399E-09	17.748	3.550	1.473E-10	19.157	3.831	1.853E-10	-18.841	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
216	10.447	2.089	3.005E-11	19.879	3.976	2.071E-10	20.922	4.184	2.414E-10	25.048	5.010	4.142E-10	33.663	6.733	1.005E-09	4.019	0.804	1.711E-12	15.633	3.127	1.007E-10
217	13.459	2.692	6.426E-11	34.596	6.919	1.091E-09	23.554	4.711	3.444E-10	17.915	3.583	1.515E-10	6.637	1.327	7.707E-12	-8.824	0.000	0.000E+00	5.891	1.178	5.389E-12
218	-16.431	0.000	0.000E+00	20.521	4.104	2.278E-10	10.777	2.155	3.299E-11	52.060	10.412	3.719E-09	14.908	2.982	8.732E-11	18.304	3.661	1.616E-10	31.143	6.229	7.961E-10
219	47.928	9.586	2.902E-09	21.034	4.207	2.453E-10	-2.462	0.000	0.000E+00	15.625	3.125	1.005E-10	18.890	3.778	1.777E-10	17.112	3.422	1.321E-10	-12.387	0.000	0.000E+00
220	14.445	2.889	7.945E-11	-5.963	0.000	0.000E+00	19.816	3.963	2.051E-10	56.892	11.378	4.853E-09	23.603	4.721	3.466E-10	8.622	1.724	1.689E-11	42.167	8.433	1.976E-09
221	25.496	5.099	4.368E-10	39.521	7.904	1.627E-09	10.787	2.157	3.309E-11	-13.265	0.000	0.000E+00	20.437	4.087	2.250E-10	8.733	1.747	1.756E-11	6.369	1.274	6.809E-12
222	12.829	2.566	5.564E-11	-18.264	0.000	0.000E+00	14.557	2.911	8.131E-11	16.709	3.342	1.230E-10	14.038	2.808	7.292E-11	9.754	1.951	2.446E-11	17.225	3.445	1.347E-10
223	20.777	4.155	2.364E-10	14.885	2.977	8.692E-11	11.546	2.309	4.057E-11	21.719	4.344	2.700E-10	15.408	3.082	9.641E-11	13.272	2.654	6.162E-11	15.121	3.024	9.113E-11
224	14.908	2.982	8.734E-11	14.797	2.959	8.539E-11	19.528	3.906	1.963E-10	26.838	5.368	5.095E-10	26.800	5.360	5.073E-10	15.484	3.097	9.785E-11	13.042	2.608	5.847E-11
225	15.567	3.113	9.942E-11	15.011	3.002	8.914E-11	12.772	2.554	5.491E-11	17.078	3.416	1.313E-10	13.639	2.728	6.687E-11	-5.852	0.000	0.000E+00	17.471	3.494	1.406E-10
226	13.761	2.752	6.868E-11	11.464	2.293	3.971E-11	19.818	3.964	2.052E-10	17.469	3.494	1.405E-10	53.643	10.729	4.068E-09	13.224	2.645	6.095E-11	12.889	2.578	5.643E-11
227	11.188	2.238	3.691E-11	9.196	1.839	2.050E-11	4.013	0.803	1.704E-12	11.461	2.292	3.968E-11	15.481	3.096	9.779E-11	16.284	3.257	1.138E-10	34.193	6.839	1.054E-09
228	15.999	3.200	1.079E-10	17.747	3.549	1.473E-10	17.393	3.479	1.387E-10	17.848	3.570	1.498E-10	19.689	3.938	2.012E-10	9.250	1.850	2.086E-11	-10.612	0.000	0.000E+00
229	14.975	2.995	8.851E-11	10.763	2.153	3.286E-11	23.489	4.698	3.416E-10	39.938	7.988	1.679E-09	14.072	2.814	7.345E-11	3.716	0.743	1.352E-12	24.490	4.898	3.871E-10
230	12.044	2.409	4.604E-11	11.568	2.314	4.080E-11	19.056	3.811	1.824E-10	17.405	3.481	1.390E-10	12.554	2.511	5.214E-11	6.456	1.291	7.094E-12	7.703	1.541	1.205E-11
231	-9.415	0.000	0.000E+00	-17.932	0.000	0.000E+00	-10.883	0.000	0.000E+00	18.938	3.788	1.790E-10	-18.164	0.000	0.000E+00	-9.529	0.000	0.000E+00	18.399	3.680	1.642E-10
232	17.505	3.501	1.414E-10	21.089	4.218	2.472E-10	14.324	2.865	7.747E-11	19.151	3.830	1.851E-10	-14.659	0.000	0.000E+00	17.564	3.513	1.428E-10	12.101	2.420	4.671E-11
233	8.782	1.756	1.785E-11	14.688	2.938	8.352E-11	16.519	3.304	1.188E-10	32.981	6.596	9.456E-10	13.969	2.794	7.184E-11	19.632	3.926	1.994E-10	-18.924	0.000	0.000E+00
234	17.447	3.489	1.400E-10	10.793	2.159	3.313E-11	20.749	4.150	2.354E-10	47.490	9.498	2.823E-09	36.513	7.303	1.283E-09	20.163	4.033	2.160E-10	-14.041	0.000	0.000E+00
235	22.111	4.422	2.849E-10	7.582	1.516	1.149E-11	13.694	2.739	6.769E-11	18.509	3.702	1.671E-10	19.657	3.931	2.002E-10	10.166	2.033	2.769E-11	20.404	4.081	2.239E-10
236	9.539	1.908	2.288E-11	17.345	3.469	1.375E-10	39.533	7.907	1.628E-09	17.073	3.415	1.312E-10	29.135	5.827	6.519E-10	6.824	1.365	8.377E-12	25.100	5.020	4.168E-10
237	-13.696	0.000	0.000E+00	11.868	2.374	4.406E-11	10.750	2.150	3.274E-11	17.144	3.429	1.328E-10	19.290	3.858	1.892E-10	17.771	3.554	1.479E-10	25.178	5.036	4.207E-10
238	19.013	3.803	1.811E-10	16.768	3.354	1.243E-10	8.104	1.621	1.403E-11	11.563	2.313	4.074E-11	20.840	4.168	2.386E-10	26.238	5.248	4.761E-10	14.068	2.814	7.339E-11
239	13.047	2.609	5.853E-11	19.960	3.992	2.096E-10	16.798	3.360	1.249E-10	15.652	3.130	1.011E-10	13.832	2.766	6.975E-11	20.904	4.181	2.408E-10	11.646	2.329	4.164E-11
240	12.290	2.458	4.893E-11	11.563	2.313	4.075E-11	13.170	2.634	6.021E-11	13.696	2.739	6.772E-11	53.548	10.710	4.047E-09	20.600	4.120	2.304E-10	14.448	2.890	7.949E-11
241	15.544	3.109	9.900E-11	15.386	3.077	9.599E-11	17.888	3.578	1.509E-10	13.197	2.639	6.057E-11	19.411	3.882	1.928E-10	34.884	6.977	1.119E-09	11.254	2.251	3.757E-11
242	37.094	7.419	1.345E-09	17.364	3.473	1.380E-10	23.874	4.775	3.587E-10	13.974	2.795	7.192E-11	17.641	3.528	1.447E-10	15.191	3.038	9.240E-11	11.142	2.228	3.646E-11
243	9.962	1.992	2.606E-11	15.427	3.085	9.676E-11	19.521	3.904	1.961E-10	20.253	4.051	2.190E-10	6.294	1.259	6.573E-12	17.667	3.533	1.453E-10	-21.253	0.000	0.000E+00
244	24.267	4.853	3.766E-10	17.887	3.577	1.508E-10	6.215	1.243	6.328E-12	-21.654	0.000	0.000E+00	19.651	3.930	2.000E-10	-7.804	0.000	0.000E+00	21.130	4.226	2.487E-10
245	18.510	3.702	1.671E-10	-6.231	0.000	0.000E+00	-9.699	0.000	0.000E+00	11.079	2.216	3.584E-11	7.647	1.529	1.178E-11	18.071	3.614	1.555E-10	11.524	2.305	4.034E-11
246	18.531	3.706	1.677E-10	17.172	3.434	1.335E-10	22.351	4.470	2.943E-10	21.967	4.393	2.794E-10	17.535	3.507	1.421E-10	16.438	3.288	1.171E-10	13.436	2.687	6.393E-11
247	21.661	4.332	2.679E-10	16.486	3.297	1.181E-10	4.213	0.843	1.971E-12	24.799	4.960	4.019E-10	21.273	4.255	2.537E-10	10.196	2.039	2.793E-11	11.740	2.348	4.265E-11
248	11.738	2.348	4.262E-11	18.215	3.643	1.593E-10	12.493	2.499	5.139E-11	17.558	3.512	1.427E-10	-16.102	0.000	0.000E+00	17.776	3.555	1.481E-10	17.566	3.513	1.429E-10
249	19.551	3.910	1.970E-10	15.170	3.034	9.202E-11	-15.216	0.000	0.000E+00	14.728	2.946	8.421E-11	21.603	4.321	2.657E-10	15.815	3.163	1.043E-10	17.294	3.459	1.363E-10
250	10.500	2.100	3.051E-11	17.494	3.499	1.411E-10	22.363	4.473	2.948E-10	20.799	4.160	2.371E-10	29.664	5.933	6.880E-10	7.282	1.456	1.018E-11	-23.182	0.000	0.000E+00
251	19.182	3.836	1.860E-10	8.894	1.779	1.854E-11	8.434	1.687	1.581E-11	35.975	7.195	1.227E-09	18.914	3.783	1.783E-10	14.505	2.901	8.043E-11	40.831	8.166	1.794E-09
252	11.890	2.378	4.430E-11	27.822	5.564	5.676E-10	27.921	5.584	5.737E-10	14.831	2.966	8.598E-11	30.393	6.079	7.399E-10	9.768	1.954	2.457E-11	18.464	3.693	1.659E-10
253	22.777	4.555	3.115E-10	21.187	4.237	2.507E-10	41.610	8.322	1.899E-09	22.025	4.405	2.816E-10	8.407	1.681	1.566E-11	27.362	5.472	5.399E-10	13.826	2.765	6.966E-11
254	31.604	6.321	8.320E-10	15.560	3.112	9.929E-11	8.379	1.676	1.550E-11	20.743	4.149	2.352E-10	16.840	3.368	1.259E-10	20.488	4.098	2.267E-10	27.330	5.466	5.380E-10
255	-6.452	0.000	0.000E+00	41.585	8.317	1.895E-09	17.275	3.455	1.359E-10	4.876	0.975	3.055E-12	21.212	4.242	2.516E-10	14.142	2.828	7.454E-11	17.615	3.523	1.440E-10
256	14.886	2.977	8.693E-11	19.746	3.949	2.029E-10	20.916	4.183	2.412E-10	-6.749	0.000	0.000E+00	22.388	4.478	2.958E-10	19.343	3.869	1.907E-10	20.346	4.069	2.220E-10
257	16.626	3.325	1.211E-10	18.136	3.627	1.572E-10	15.744	3.149	1.029E-10	17.208	3.442	1.343E-10	8.774	1.755	1.780E-11	22.011	4.402	2.811E-10	16.110	3.222	1.102E-10
258	36.812	7.362	1.315E-09	12.248	2.450	4.843E-11	12.616	2.523	5.293E-11	32.847	6.569	9.340E-10	20.430	4.086	2.247E-10	-13.228	0.000	0.000E+00	13.206	2.641	6.071E-11
259	17.884	3.577	1.508E-10	14.385	2.877	7.845E-11	16.645	3.329	1.216E-10	17.894	3.579	1.510E-10	12.435	2.487	5.068E-11	15.822	3.164	1.044E-10	13.692	2.738	6.765E-11
260	17.516	3.503	1.416E-10	17.888	3.578	1.509E-10	17.020	3.404	1.299E-10	6.696	1.339	7.912E-12	5.370	1.074	4.082E-12	13.465	2.693	6.434E-11	-26.004	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
261	12.947	2.589	5.720E-11	38.708	7.742	1.529E-09	7.163	1.433	9.687E-12	12.911	2.582	5.672E-11	19.123	3.825	1.843E-10	24.510	4.902	3.881E-10	10.648	2.130	3.182E-11
262	17.857	3.571	1.501E-10	17.888	3.578	1.509E-10	18.513	3.703	1.672E-10	-14.837	0.000	0.000E+00	24.034	4.807	3.659E-10	37.297	7.459	1.367E-09	16.503	3.301	1.185E-10
263	11.700	2.340	4.221E-11	24.769	4.954	4.005E-10	-4.773	0.000	0.000E+00	22.199	4.440	2.883E-10	57.995	11.599	5.141E-09	24.470	4.894	3.862E-10	17.887	3.577	1.508E-10
264	25.292	5.058	4.264E-10	9.553	1.911	2.298E-11	13.913	2.783	7.098E-11	19.816	3.963	2.051E-10	7.260	1.452	1.009E-11	16.344	3.269	1.151E-10	33.933	6.787	1.030E-09
265	43.086	8.617	2.108E-09	17.942	3.588	1.522E-10	12.266	2.453	4.864E-11	49.677	9.935	3.231E-09	13.219	2.644	6.088E-11	22.419	4.484	2.970E-10	7.956	1.591	1.327E-11
266	18.008	3.602	1.539E-10	11.487	2.297	3.995E-11	18.600	3.720	1.696E-10	17.356	3.471	1.378E-10	47.616	9.523	2.846E-09	-6.084	0.000	0.000E+00	17.100	3.420	1.318E-10
267	17.232	3.446	1.349E-10	19.150	3.830	1.851E-10	13.691	2.738	6.764E-11	-7.398	0.000	0.000E+00	51.461	10.292	3.592E-09	21.304	4.261	2.548E-10	18.470	3.694	1.661E-10
268	17.855	3.571	1.500E-10	-5.880	0.000	0.000E+00	31.191	6.238	7.998E-10	14.335	2.867	7.764E-11	29.949	5.990	7.080E-10	39.391	7.878	1.611E-09	12.576	2.515	5.242E-11
269	12.596	2.519	5.267E-11	19.680	3.936	2.009E-10	18.344	3.669	1.627E-10	14.587	2.917	8.180E-11	17.880	3.576	1.507E-10	12.985	2.597	5.770E-11	31.216	6.243	8.017E-10
270	-14.285	0.000	0.000E+00	23.281	4.656	3.326E-10	16.246	3.249	1.130E-10	20.603	4.121	2.305E-10	20.040	4.008	2.121E-10	7.879	1.576	1.289E-11	21.737	4.347	2.707E-10
271	-3.868	0.000	0.000E+00	15.442	3.088	9.706E-11	15.666	3.133	1.013E-10	-8.202	0.000	0.000E+00	23.875	4.775	3.587E-10	9.394	1.879	2.185E-11	-9.244	0.000	0.000E+00
272	5.650	1.130	4.755E-12	14.478	2.896	7.998E-11	16.869	3.374	1.265E-10	14.128	2.826	7.432E-11	-10.748	0.000	0.000E+00	16.461	3.292	1.176E-10	22.485	4.497	2.996E-10
273	16.740	3.348	1.236E-10	8.204	1.641	1.455E-11	19.481	3.896	1.949E-10	6.047	1.209	5.828E-12	22.330	4.466	2.935E-10	21.908	4.382	2.772E-10	-11.242	0.000	0.000E+00
274	15.492	3.098	9.800E-11	16.713	3.343	1.231E-10	9.341	1.868	2.148E-11	39.543	7.909	1.630E-09	24.910	4.982	4.074E-10	13.615	2.723	6.652E-11	9.338	1.868	2.146E-11
275	35.467	7.093	1.176E-09	19.860	3.972	2.065E-10	20.782	4.156	2.366E-10	15.526	3.105	9.865E-11	-37.899	0.000	0.000E+00	14.621	2.924	8.239E-11	14.504	2.901	8.042E-11
276	-8.005	0.000	0.000E+00	14.471	2.894	7.986E-11	22.388	4.478	2.958E-10	23.335	4.667	3.349E-10	62.093	12.419	6.310E-09	14.000	2.800	7.232E-11	25.481	5.096	4.361E-10
277	10.605	2.121	3.144E-11	21.013	4.203	2.445E-10	16.110	3.222	1.102E-10	51.880	10.376	3.680E-09	52.406	10.481	3.793E-09	8.538	1.708	1.640E-11	20.736	4.147	2.350E-10
278	6.035	1.207	5.793E-12	38.155	7.631	1.464E-09	8.603	1.721	1.678E-11	17.354	3.471	1.377E-10	-23.281	0.000	0.000E+00	16.932	3.386	1.279E-10	17.491	3.498	1.410E-10
279	-9.916	0.000	0.000E+00	10.256	2.051	2.843E-11	14.545	2.909	8.110E-11	55.387	11.077	4.478E-09	16.822	3.364	1.255E-10	22.764	4.553	3.109E-10	27.438	5.488	5.445E-10
280	24.107	4.821	3.692E-10	11.047	2.209	3.553E-11	18.895	3.779	1.778E-10	20.131	4.026	2.150E-10	10.081	2.016	2.700E-11	32.696	6.539	9.212E-10	6.227	1.245	6.363E-12
281	23.744	4.749	3.528E-10	19.466	3.893	1.944E-10	13.935	2.787	7.131E-11	21.679	4.336	2.685E-10	9.367	1.873	2.166E-11	15.403	3.081	9.632E-11	21.519	4.304	2.626E-10
282	19.688	3.938	2.011E-10	15.788	3.158	1.037E-10	17.222	3.444	1.346E-10	6.568	1.314	7.467E-12	20.977	4.195	2.433E-10	-7.755	0.000	0.000E+00	12.202	2.440	4.788E-11
283	8.421	1.684	1.574E-11	14.985	2.997	8.869E-11	14.030	2.806	7.278E-11	6.576	1.315	7.497E-12	19.546	3.909	1.968E-10	7.341	1.468	1.043E-11	9.754	1.951	2.446E-11
284	15.026	3.005	8.942E-11	16.288	3.258	1.139E-10	27.864	5.573	5.702E-10	37.571	7.514	1.398E-09	18.637	3.727	1.706E-10	18.741	3.748	1.735E-10	-5.418	0.000	0.000E+00
285	18.388	3.678	1.639E-10	13.226	2.645	6.098E-11	-8.419	0.000	0.000E+00	11.824	2.365	4.357E-11	26.546	5.309	4.930E-10	8.892	1.778	1.853E-11	11.350	2.270	3.854E-11
286	8.168	1.634	1.436E-11	15.086	3.017	9.050E-11	11.964	2.393	4.513E-11	22.216	4.443	2.890E-10	22.254	4.451	2.905E-10	7.239	1.448	1.000E-11	11.930	2.386	4.475E-11
287	12.756	2.551	5.471E-11	21.009	4.202	2.444E-10	30.981	6.196	7.838E-10	13.758	2.752	6.864E-11	49.166	9.833	3.133E-09	10.873	2.175	3.388E-11	15.957	3.191	1.071E-10
288	13.586	2.717	6.610E-11	19.750	3.950	2.031E-10	7.972	1.594	1.335E-11	14.822	2.964	8.583E-11	17.626	3.525	1.443E-10	14.996	2.999	8.888E-11	-4.707	0.000	0.000E+00
289	10.977	2.195	3.486E-11	-19.514	0.000	0.000E+00	-8.689	0.000	0.000E+00	12.655	2.531	5.342E-11	45.417	9.083	2.469E-09	41.317	8.263	1.859E-09	14.413	2.883	7.891E-11
290	20.813	4.163	2.376E-10	9.620	1.924	2.347E-11	-12.707	0.000	0.000E+00	45.851	9.170	2.541E-09	19.368	3.874	1.915E-10	8.525	1.705	1.633E-11	91.090	18.218	1.992E-08
291	20.356	4.071	2.223E-10	11.198	2.240	3.701E-11	8.626	1.725	1.692E-11	16.676	3.335	1.222E-10	-18.044	0.000	0.000E+00	20.725	4.145	2.346E-10	20.620	4.124	2.311E-10
292	17.771	3.554	1.479E-10	14.501	2.900	8.036E-11	43.378	8.676	2.151E-09	18.840	3.768	1.762E-10	64.237	12.847	6.986E-09	22.558	4.512	3.025E-10	21.193	4.239	2.509E-10
293	11.964	2.393	4.513E-11	-17.032	0.000	0.000E+00	13.617	2.723	6.656E-11	34.417	6.883	1.075E-09	6.517	1.303	7.296E-12	16.142	3.228	1.108E-10	10.057	2.011	2.681E-11
294	20.739	4.148	2.351E-10	40.415	8.083	1.740E-09	-19.965	0.000	0.000E+00	13.857	2.771	7.013E-11	19.376	3.875	1.917E-10	28.534	5.707	6.123E-10	20.747	4.149	2.354E-10
295	17.600	3.520	1.437E-10	13.822	2.764	6.960E-11	15.281	3.056	9.404E-11	24.040	4.808	3.662E-10	19.689	3.938	2.012E-10	16.050	3.210	1.090E-10	15.721	3.144	1.024E-10
296	20.792	4.158	2.369E-10	16.944	3.389	1.282E-10	10.622	2.124	3.159E-11	12.455	2.491	5.092E-11	47.901	9.580	2.897E-09	14.176	2.835	7.509E-11	-19.897	0.000	0.000E+00
297	10.593	2.119	3.133E-11	16.102	3.220	1.100E-10	18.443	3.689	1.653E-10	20.449	4.090	2.254E-10	48.485	9.697	3.004E-09	18.794	3.759	1.750E-10	13.982	2.796	7.204E-11
298	7.257	1.451	1.007E-11	15.938	3.188	1.067E-10	17.565	3.513	1.428E-10	36.189	7.238	1.249E-09	-15.161	0.000	0.000E+00	14.108	2.822	7.401E-11	21.526	4.305	2.629E-10
299	11.619	2.324	4.135E-11	11.777	2.355	4.305E-11	30.972	6.194	7.830E-10	60.170	12.034	5.742E-09	-20.033	0.000	0.000E+00	11.561	2.312	4.073E-11	9.641	1.928	2.362E-11
300	18.976	3.795	1.801E-10	10.960	2.192	3.470E-11	13.852	2.770	7.005E-11	15.657	3.131	1.012E-10	51.262	10.252	3.550E-09	23.955	4.791	3.623E-10	-13.122	0.000	0.000E+00
301	13.168	2.634	6.018E-11	22.717	4.543	3.090E-10	16.251	3.250	1.131E-10	42.265	8.453	1.990E-09	9.010	1.802	1.928E-11	-5.031	0.000	0.000E+00	18.203	3.641	1.590E-10
302	35.186	7.037	1.148E-09	28.588	5.718	6.158E-10	16.099	3.220	1.100E-10	32.224	6.445	8.819E-10	-12.801	0.000	0.000E+00	22.635	4.527	3.056E-10	9.763	1.953	2.453E-11
303	22.298	4.460	2.922E-10	-34.400	0.000	0.000E+00	8.049	1.610	1.374E-11	14.746	2.949	8.451E-11	-12.539	0.000	0.000E+00	8.053	1.611	1.376E-11	19.593	3.919	1.982E-10
304	22.886	4.577	3.159E-10	18.525	3.705	1.676E-10	14.903	2.981	8.724E-11	22.962	4.592	3.191E-10	20.256	4.051	2.190E-10	11.835	2.367	4.369E-11	36.066	7.213	1.236E-09
305	20.158	4.032	2.159E-10	22.795	4.559	3.122E-10	-18.433	0.000	0.000E+00	14.730	2.946	8.423E-11	58.652	11.730	5.318E-09	9.084	1.817	1.976E-11	10.767	2.153	3.290E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
306	-8.424	0.000	0.000E+00	13.315	2.663	6.221E-11	19.722	3.944	2.022E-10	22.758	4.552	3.107E-10	9.574	1.915	2.313E-11	11.686	2.337	4.206E-11	16.191	3.238	1.119E-10
307	15.807	3.161	1.041E-10	19.827	3.965	2.054E-10	18.769	3.754	1.743E-10	20.908	4.182	2.409E-10	12.844	2.569	5.585E-11	17.345	3.469	1.375E-10	17.372	3.474	1.382E-10
308	14.128	2.826	7.432E-11	5.197	1.039	3.699E-12	20.189	4.038	2.169E-10	8.019	1.604	1.359E-11	13.075	2.615	5.892E-11	19.249	3.850	1.880E-10	16.990	3.398	1.293E-10
309	8.326	1.665	1.521E-11	14.406	2.881	7.880E-11	11.001	2.200	3.509E-11	34.427	6.885	1.075E-09	13.888	2.778	7.061E-11	19.339	3.868	1.906E-10	25.809	5.162	4.531E-10
310	9.318	1.864	2.132E-11	17.238	3.448	1.350E-10	13.364	2.673	6.291E-11	57.194	11.439	4.931E-09	48.497	9.699	3.006E-09	5.219	1.044	3.747E-12	13.681	2.736	6.749E-11
311	15.477	3.095	9.772E-11	23.782	4.756	3.545E-10	10.382	2.076	2.949E-11	48.935	9.787	3.089E-09	14.690	2.938	8.354E-11	-5.725	0.000	0.000E+00	10.376	2.075	2.944E-11
312	15.771	3.154	1.034E-10	16.797	3.359	1.249E-10	11.986	2.397	4.538E-11	16.403	3.281	1.163E-10	33.055	6.611	9.519E-10	15.856	3.171	1.051E-10	10.412	2.082	2.975E-11
313	19.989	3.998	2.105E-10	19.733	3.947	2.025E-10	-15.493	0.000	0.000E+00	49.877	9.975	3.270E-09	20.962	4.192	2.428E-10	-20.000	0.000	0.000E+00	5.766	1.153	5.054E-12
314	34.072	6.814	1.042E-09	-17.463	0.000	0.000E+00	24.208	4.842	3.739E-10	11.430	2.286	3.935E-11	36.981	7.396	1.333E-09	12.178	2.436	4.760E-11	34.467	6.893	1.079E-09
315	32.738	6.548	9.248E-10	22.725	4.545	3.093E-10	11.125	2.225	3.629E-11	24.334	4.867	3.798E-10	15.714	3.143	1.023E-10	31.987	6.397	8.626E-10	13.023	2.605	5.822E-11
316	7.337	1.467	1.041E-11	-10.868	0.000	0.000E+00	21.089	4.218	2.472E-10	19.994	3.999	2.107E-10	17.412	3.482	1.391E-10	12.999	2.600	5.790E-11	-12.442	0.000	0.000E+00
317	15.827	3.165	1.045E-10	13.377	2.675	6.309E-11	14.842	2.968	8.618E-11	14.836	2.967	8.606E-11	33.140	6.628	9.592E-10	28.734	5.747	6.253E-10	17.061	3.412	1.309E-10
318	8.237	1.647	1.473E-11	6.078	1.216	5.917E-12	14.271	2.854	7.661E-11	16.376	3.275	1.157E-10	17.671	3.534	1.454E-10	-12.287	0.000	0.000E+00	-9.593	0.000	0.000E+00
319	14.809	2.962	8.560E-11	22.473	4.495	2.992E-10	9.348	1.870	2.153E-11	26.310	5.262	4.800E-10	35.906	7.181	1.220E-09	19.121	3.824	1.843E-10	15.692	3.138	1.018E-10
320	-13.894	0.000	0.000E+00	9.679	1.936	2.390E-11	17.005	3.401	1.296E-10	15.881	3.176	1.056E-10	15.456	3.091	9.732E-11	17.820	3.564	1.491E-10	21.790	4.358	2.727E-10
321	23.149	4.630	3.270E-10	23.817	4.763	3.561E-10	-6.907	0.000	0.000E+00	-15.922	0.000	0.000E+00	24.826	4.965	4.033E-10	11.386	2.277	3.890E-11	8.256	1.651	1.483E-11
322	13.078	2.616	5.896E-11	7.805	1.561	1.253E-11	19.059	3.812	1.825E-10	18.281	3.656	1.610E-10	11.522	2.304	4.031E-11	12.294	2.459	4.897E-11	15.345	3.069	9.523E-11
323	5.875	1.175	5.343E-12	20.278	4.056	2.198E-10	29.717	5.943	6.917E-10	17.627	3.525	1.443E-10	17.370	3.474	1.381E-10	18.339	3.668	1.626E-10	12.815	2.563	5.547E-11
324	26.619	5.324	4.971E-10	-9.934	0.000	0.000E+00	20.392	4.078	2.235E-10	12.227	2.445	4.818E-11	11.585	2.317	4.098E-11	15.883	3.177	1.056E-10	11.157	2.231	3.660E-11
325	12.617	2.523	5.294E-11	7.181	1.436	9.760E-12	32.937	6.587	9.418E-10	52.927	10.585	3.908E-09	24.600	4.920	3.924E-10	14.356	2.871	7.799E-11	18.370	3.674	1.634E-10
326	6.523	1.305	7.316E-12	6.139	1.228	6.099E-12	13.041	2.608	5.846E-11	16.358	3.272	1.154E-10	-38.614	0.000	0.000E+00	15.744	3.149	1.029E-10	-3.631	0.000	0.000E+00
327	18.267	3.653	1.607E-10	20.105	4.021	2.142E-10	19.571	3.914	1.976E-10	14.710	2.942	8.389E-11	14.958	2.992	8.821E-11	11.833	2.367	4.367E-11	18.101	3.620	1.563E-10
328	9.919	1.984	2.572E-11	16.828	3.366	1.256E-10	19.980	3.996	2.102E-10	29.987	5.997	7.107E-10	13.225	2.645	6.097E-11	-8.298	0.000	0.000E+00	12.502	2.500	5.151E-11
329	21.804	4.361	2.732E-10	14.407	2.881	7.882E-11	12.958	2.592	5.734E-11	36.895	7.379	1.324E-09	85.111	17.022	1.625E-08	-11.252	0.000	0.000E+00	12.679	2.536	5.372E-11
330	6.853	1.371	8.481E-12	-16.255	0.000	0.000E+00	12.559	2.512	5.221E-11	9.377	1.875	2.173E-11	-12.282	0.000	0.000E+00	-6.713	0.000	0.000E+00	-13.843	0.000	0.000E+00
331	-6.098	0.000	0.000E+00	15.830	3.166	1.045E-10	15.272	3.054	9.388E-11	24.016	4.803	3.651E-10	17.160	3.432	1.332E-10	13.172	2.634	6.024E-11	14.907	2.981	8.731E-11
332	16.216	3.243	1.124E-10	11.679	2.336	4.199E-11	17.244	3.449	1.352E-10	17.433	3.487	1.396E-10	18.657	3.731	1.712E-10	20.481	4.096	2.264E-10	-6.357	0.000	0.000E+00
333	-17.493	0.000	0.000E+00	16.243	3.249	1.129E-10	15.742	3.148	1.028E-10	-21.726	0.000	0.000E+00	7.025	1.405	9.137E-12	12.122	2.424	4.695E-11	9.378	1.876	2.174E-11
334	15.478	3.096	9.773E-11	18.505	3.701	1.670E-10	10.057	2.011	2.681E-11	16.209	3.242	1.122E-10	36.442	7.288	1.276E-09	26.158	5.232	4.718E-10	9.579	1.916	2.317E-11
335	22.378	4.476	2.954E-10	7.236	1.447	9.986E-12	12.035	2.407	4.594E-11	10.481	2.096	3.034E-11	11.388	2.278	3.893E-11	11.195	2.239	3.698E-11	21.199	4.240	2.511E-10
336	28.822	5.764	6.311E-10	24.088	4.818	3.684E-10	16.323	3.265	1.146E-10	16.340	3.268	1.150E-10	28.447	5.689	6.067E-10	20.307	4.061	2.207E-10	13.179	2.636	6.034E-11
337	-19.226	0.000	0.000E+00	20.763	4.153	2.359E-10	6.199	1.240	6.280E-12	5.587	1.117	4.598E-12	23.886	4.777	3.592E-10	8.927	1.785	1.875E-11	13.652	2.730	6.706E-11
338	-13.010	0.000	0.000E+00	43.857	8.771	2.223E-09	5.574	1.115	4.565E-12	40.798	8.160	1.790E-09	29.681	5.936	6.892E-10	8.093	1.619	1.397E-11	12.741	2.548	5.451E-11
339	18.050	3.610	1.550E-10	-15.357	0.000	0.000E+00	-10.728	0.000	0.000E+00	18.609	3.722	1.698E-10	15.403	3.081	9.632E-11	18.540	3.708	1.680E-10	-8.514	0.000	0.000E+00
340	19.084	3.817	1.832E-10	20.207	4.041	2.175E-10	18.939	3.788	1.791E-10	4.077	0.815	1.786E-12	21.737	4.347	2.707E-10	14.671	2.934	8.322E-11	-10.710	0.000	0.000E+00
341	20.500	4.100	2.271E-10	15.173	3.035	9.206E-11	14.220	2.844	7.579E-11	12.352	2.470	4.968E-11	7.236	1.447	9.988E-12	17.049	3.410	1.306E-10	15.034	3.007	8.956E-11
342	35.842	7.168	1.214E-09	14.226	2.845	7.588E-11	-11.120	0.000	0.000E+00	35.412	7.082	1.170E-09	16.312	3.262	1.144E-10	20.329	4.066	2.214E-10	14.564	2.913	8.141E-11
343	37.250	7.450	1.362E-09	-16.920	0.000	0.000E+00	17.632	3.526	1.445E-10	-9.557	0.000	0.000E+00	15.801	3.160	1.040E-10	-22.589	0.000	0.000E+00	8.872	1.774	1.841E-11
344	17.134	3.427	1.326E-10	21.198	4.240	2.511E-10	-20.380	0.000	0.000E+00	-11.183	0.000	0.000E+00	44.478	8.896	2.319E-09	18.770	3.754	1.743E-10	16.583	3.317	1.202E-10
345	14.877	2.975	8.678E-11	15.773	3.155	1.034E-10	14.870	2.974	8.666E-11	15.768	3.154	1.033E-10	7.410	1.482	1.073E-11	9.217	1.843	2.064E-11	18.661	3.732	1.713E-10
346	20.361	4.072	2.225E-10	14.839	2.968	8.612E-11	-13.942	0.000	0.000E+00	12.777	2.555	5.498E-11	11.555	2.311	4.067E-11	16.673	3.335	1.222E-10	7.933	1.587	1.316E-11
347	9.614	1.923	2.342E-11	10.889	2.178	3.403E-11	13.341	2.668	6.258E-11	12.091	2.418	4.659E-11	8.019	1.604	1.359E-11	-9.138	0.000	0.000E+00	10.720	2.144	3.247E-11
348	15.367	3.073	9.565E-11	8.733	1.747	1.755E-11	-23.054	0.000	0.000E+00	14.481	2.896	8.004E-11	-12.064	0.000	0.000E+00	19.926	3.985	2.085E-10	16.990	3.398	1.293E-10
349	12.711	2.542	5.412E-11	6.985	1.397	8.981E-12	-10.477	0.000	0.000E+00	7.621	1.524	1.167E-11	17.623	3.525	1.443E-10	-16.733	0.000	0.000E+00	11.892	2.378	4.433E-11
350	13.170	2.634	6.020E-11	17.602	3.520	1.437E-10	9.696	1.939	2.403E-11	16.583	3.317	1.202E-10	-18.204	0.000	0.000E+00	15.956	3.191	1.071E-10	17.383	3.477	1.384E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
351	17.281	3.456	1.360E-10	34.652	6.930	1.097E-09	8.072	1.614	1.386E-11	15.162	3.032	9.187E-11	92.670	18.534	2.098E-08	12.815	2.563	5.547E-11	12.312	2.462	4.919E-11
352	-15.856	0.000	0.000E+00	14.702	2.940	8.376E-11	13.706	2.741	6.787E-11	50.521	10.104	3.399E-09	17.874	3.575	1.505E-10	8.371	1.674	1.546E-11	90.274	18.055	1.939E-08
353	16.928	3.386	1.278E-10	12.579	2.516	5.246E-11	13.415	2.683	6.363E-11	15.546	3.109	9.902E-11	18.246	3.649	1.601E-10	-9.849	0.000	0.000E+00	8.810	1.762	1.802E-11
354	12.013	2.403	4.570E-11	13.589	2.718	6.615E-11	-6.792	0.000	0.000E+00	14.129	2.826	7.435E-11	15.254	3.051	9.355E-11	-17.550	0.000	0.000E+00	-5.764	0.000	0.000E+00
355	15.078	3.016	9.034E-11	15.531	3.106	9.874E-11	11.719	2.344	4.242E-11	47.915	9.583	2.899E-09	39.474	7.895	1.621E-09	-20.474	0.000	0.000E+00	19.259	3.852	1.883E-10
356	17.509	3.502	1.415E-10	19.891	3.978	2.074E-10	19.733	3.947	2.025E-10	34.750	6.950	1.106E-09	-5.798	0.000	0.000E+00	10.284	2.057	2.867E-11	-8.279	0.000	0.000E+00
357	23.222	4.644	3.301E-10	24.007	4.801	3.647E-10	-8.205	0.000	0.000E+00	16.345	3.269	1.151E-10	23.012	4.602	3.212E-10	-9.490	0.000	0.000E+00	10.198	2.040	2.796E-11
358	12.170	2.434	4.751E-11	-8.258	0.000	0.000E+00	16.129	3.226	1.106E-10	6.090	1.218	5.954E-12	60.470	12.094	5.828E-09	11.657	2.331	4.175E-11	7.462	1.492	1.095E-11
359	10.656	2.131	3.189E-11	12.032	2.406	4.591E-11	13.226	2.645	6.098E-11	15.661	3.132	1.012E-10	41.581	8.316	1.895E-09	9.153	1.831	2.021E-11	15.790	3.158	1.038E-10
360	14.069	2.814	7.340E-11	13.400	2.680	6.342E-11	20.370	4.074	2.228E-10	54.522	10.904	4.272E-09	36.188	7.238	1.249E-09	13.670	2.734	6.733E-11	20.127	4.025	2.149E-10
361	12.425	2.485	5.055E-11	13.500	2.700	6.485E-11	-15.638	0.000	0.000E+00	33.920	6.784	1.029E-09	9.796	1.959	2.477E-11	17.150	3.430	1.329E-10	13.203	2.641	6.066E-11
362	14.521	2.904	8.070E-11	-15.346	0.000	0.000E+00	23.247	4.649	3.311E-10	13.657	2.731	6.714E-11	15.700	3.140	1.020E-10	13.153	2.631	5.997E-11	-4.641	0.000	0.000E+00
363	-8.390	0.000	0.000E+00	-18.961	0.000	0.000E+00	21.692	4.338	2.690E-10	64.885	12.977	7.200E-09	36.209	7.242	1.251E-09	12.171	2.434	4.752E-11	-8.311	0.000	0.000E+00
364	9.913	1.983	2.567E-11	16.467	3.293	1.177E-10	10.824	2.165	3.342E-11	-7.278	0.000	0.000E+00	59.338	11.868	5.507E-09	18.004	3.601	1.538E-10	-13.849	0.000	0.000E+00
365	15.513	3.103	9.840E-11	21.752	4.350	2.713E-10	11.931	2.386	4.477E-11	-9.458	0.000	0.000E+00	35.912	7.182	1.221E-09	23.734	4.747	3.524E-10	15.339	3.068	9.512E-11
366	16.364	3.273	1.155E-10	-11.170	0.000	0.000E+00	10.347	2.069	2.920E-11	-12.338	0.000	0.000E+00	-9.164	0.000	0.000E+00	20.861	4.172	2.093E-10	17.541	3.508	1.423E-10
367	9.382	1.876	2.177E-11	18.778	3.756	1.745E-10	7.875	1.575	1.287E-11	64.785	12.957	7.167E-09	-19.648	0.000	0.000E+00	26.292	5.258	4.790E-10	10.483	2.097	3.036E-11
368	20.457	4.091	2.256E-10	9.968	1.994	2.611E-11	33.011	6.602	9.481E-10	-60.700	0.000	0.000E+00	14.279	2.856	7.674E-11	20.762	4.152	2.359E-10	16.116	3.223	1.103E-10
369	29.357	5.871	6.669E-10	20.032	4.006	2.119E-10	12.010	2.402	4.566E-11	-56.004	0.000	0.000E+00	18.984	3.797	1.803E-10	15.535	3.107	9.882E-11	-6.980	0.000	0.000E+00
370	14.651	2.930	8.289E-11	7.459	1.492	1.094E-11	-8.836	0.000	0.000E+00	-19.675	0.000	0.000E+00	43.391	8.678	2.153E-09	12.427	2.485	5.058E-11	14.531	2.906	8.086E-11
371	17.894	3.579	1.510E-10	15.658	3.132	1.012E-10	8.871	1.774	1.840E-11	76.180	15.236	1.165E-08	13.156	2.631	6.002E-11	-17.064	0.000	0.000E+00	11.636	2.327	4.152E-11
372	7.170	1.434	9.715E-12	70.112	14.022	9.084E-09	-11.876	0.000	0.000E+00	26.552	5.310	4.934E-10	-3.173	0.000	0.000E+00	17.436	3.487	1.397E-10	-7.158	0.000	0.000E+00
373	5.408	1.082	4.168E-12	14.515	2.903	8.061E-11	17.087	3.417	1.315E-10	21.400	4.280	2.583E-10	28.399	5.680	6.037E-10	10.584	2.117	3.125E-11	35.356	7.071	1.165E-09
374	9.193	1.839	2.048E-11	-13.363	0.000	0.000E+00	8.883	1.777	1.847E-11	17.461	3.492	1.403E-10	13.994	2.799	7.223E-11	27.356	5.471	5.396E-10	13.844	2.769	6.994E-11
375	-11.600	0.000	0.000E+00	16.992	3.398	1.293E-10	23.766	4.753	3.538E-10	17.185	3.437	1.338E-10	19.304	3.861	1.896E-10	43.175	8.635	2.121E-09	-6.550	0.000	0.000E+00
376	37.715	7.543	1.414E-09	6.142	1.228	6.108E-12	-1.823	0.000	0.000E+00	9.100	1.820	1.986E-11	22.286	4.457	2.917E-10	27.775	5.555	5.647E-10	16.399	3.280	1.162E-10
377	30.372	6.074	7.384E-10	10.513	2.103	3.063E-11	25.466	5.093	4.353E-10	34.260	6.852	1.060E-09	35.827	7.165	1.212E-09	-19.032	0.000	0.000E+00	17.066	3.413	1.310E-10
378	13.238	2.648	6.115E-11	12.285	2.457	4.887E-11	15.777	3.155	1.035E-10	11.792	2.358	4.321E-11	51.716	10.343	3.646E-09	14.316	2.863	7.734E-11	16.747	3.349	1.238E-10
379	27.676	5.535	5.588E-10	13.419	2.684	6.369E-11	14.277	2.855	7.669E-11	29.366	5.873	6.675E-10	7.956	1.591	1.328E-11	25.690	5.138	4.469E-10	58.273	11.655	5.215E-09
380	10.588	2.118	3.129E-11	10.278	2.056	2.861E-11	18.032	3.606	1.545E-10	24.881	4.976	4.060E-10	45.662	9.132	2.509E-09	-9.144	0.000	0.000E+00	16.421	3.284	1.167E-10
381	19.125	3.825	1.844E-10	12.935	2.587	5.704E-11	-23.278	0.000	0.000E+00	60.354	12.071	5.794E-09	15.482	3.096	9.781E-11	14.764	2.953	8.481E-11	40.062	8.012	1.695E-09
382	12.065	2.413	4.629E-11	21.563	4.313	2.643E-10	19.211	3.842	1.869E-10	34.155	6.831	1.050E-09	14.332	2.866	7.759E-11	51.851	10.370	3.674E-09	17.637	3.527	1.446E-10
383	16.014	3.203	1.082E-10	15.084	3.017	9.046E-11	12.535	2.507	5.191E-11	24.267	4.853	3.766E-10	18.374	3.675	1.635E-10	18.193	3.639	1.587E-10	8.490	1.698	1.613E-11
384	17.316	3.463	1.368E-10	-12.003	0.000	0.000E+00	20.361	4.072	2.225E-10	42.128	8.426	1.971E-09	26.401	5.280	4.850E-10	5.625	1.125	4.692E-12	28.965	5.793	6.405E-10
385	14.807	2.961	8.556E-11	-6.934	0.000	0.000E+00	11.664	2.333	4.182E-11	14.978	2.996	8.857E-11	16.382	3.276	1.159E-10	-7.964	0.000	0.000E+00	15.538	3.108	9.887E-11
386	15.470	3.094	9.758E-11	24.080	4.816	3.680E-10	8.414	1.683	1.570E-11	20.430	4.086	2.247E-10	32.523	6.505	9.067E-10	11.266	2.253	3.769E-11	13.042	2.608	5.846E-11
387	28.889	5.778	6.354E-10	9.467	1.893	2.236E-11	21.973	4.395	2.796E-10	17.241	3.448	1.351E-10	12.370	2.474	4.989E-11	19.546	3.909	1.968E-10	15.610	3.122	1.003E-10
388	18.398	3.680	1.641E-10	28.647	5.729	6.196E-10	-12.106	0.000	0.000E+00	61.273	12.255	6.063E-09	51.500	10.300	3.600E-09	-12.329	0.000	0.000E+00	15.364	3.073	9.559E-11
389	6.891	1.378	8.623E-12	-10.563	0.000	0.000E+00	8.494	1.699	1.615E-11	34.240	6.848	1.058E-09	30.739	6.148	7.656E-10	21.542	4.308	2.635E-10	-5.014	0.000	0.000E+00
390	35.528	7.106	1.182E-09	9.934	1.987	2.584E-11	6.928	1.386	8.762E-12	11.849	2.370	4.385E-11	21.971	4.394	2.795E-10	15.933	3.187	1.066E-10	18.696	3.739	1.722E-10
391	17.214	3.443	1.344E-10	-14.512	0.000	0.000E+00	22.428	4.486	2.974E-10	15.252	3.050	9.352E-11	6.706	1.341	7.949E-12	16.694	3.339	1.226E-10	9.244	1.849	2.082E-11
392	22.236	4.447	2.898E-10	25.508	5.102	4.374E-10	30.350	6.070	7.369E-10	31.237	6.247	8.033E-10	38.785	7.757	1.538E-09	16.075	3.215	1.095E-10	36.773	7.355	1.311E-09
393	33.625	6.725	1.002E-09	5.119	1.024	3.535E-12	10.294	2.059	2.875E-11	14.844	2.969	8.620E-11	20.810	4.162	2.375E-10	-11.126	0.000	0.000E+00	19.025	3.805	1.815E-10
394	-8.802	0.000	0.000E+00	15.237	3.047	9.323E-11	22.128	4.426	2.856E-10	14.637	2.927	8.265E-11	15.032	3.006	8.953E-11	14.773	2.955	8.498E-11	18.704	3.741	1.725E-10
395	4.829	0.966	2.967E-12	13.003	2.601	5.794E-11	-9.504	0.000	0.000E+00	10.358	2.072	2.929E-11	20.656	4.131	2.323E-10	12.159	2.432	4.738E-11	16.282	3.256	1.138E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
396	18.718	3.744	1.728E-10	19.737	3.947	2.026E-10	-6.706	0.000	0.000E+00	30.409	6.082	7.411E-10	36.317	7.263	1.262E-09	22.589	4.518	3.038E-10	16.238	3.248	1.129E-10
397	22.554	4.511	3.024E-10	-7.742	0.000	0.000E+00	-17.813	0.000	0.000E+00	46.371	9.274	2.628E-09	11.271	2.254	3.774E-11	17.601	3.520	1.437E-10	6.852	1.370	8.480E-12
398	7.709	1.542	1.208E-11	13.292	2.658	6.189E-11	6.669	1.334	7.818E-12	9.530	1.906	2.281E-11	20.393	4.079	2.235E-10	21.508	4.302	2.622E-10	10.895	2.179	3.409E-11
399	14.592	2.918	8.189E-11	13.879	2.776	7.046E-11	31.104	6.221	7.931E-10	42.811	8.562	2.068E-09	-17.769	0.000	0.000E+00	11.400	2.280	3.905E-11	12.980	2.596	5.763E-11
400	13.876	2.775	7.042E-11	20.668	4.134	2.327E-10	29.687	5.937	6.896E-10	21.291	4.258	2.544E-10	19.939	3.988	2.089E-10	9.492	1.898	2.254E-11	25.044	5.009	4.140E-10
401	25.458	5.092	4.349E-10	-31.798	0.000	0.000E+00	36.210	7.242	1.251E-09	10.646	2.129	3.180E-11	42.164	8.433	1.976E-09	19.591	3.918	1.982E-10	19.885	3.977	2.072E-10
402	12.696	2.539	5.394E-11	-4.514	0.000	0.000E+00	16.497	3.299	1.183E-10	90.010	18.002	1.922E-08	21.791	4.358	2.727E-10	29.857	5.971	7.015E-10	44.068	8.814	2.256E-09
403	13.094	2.619	5.917E-11	34.709	6.942	1.102E-09	34.153	6.831	1.050E-09	20.930	4.186	2.417E-10	67.142	13.428	7.978E-09	11.693	2.339	4.214E-11	23.867	4.773	3.583E-10
404	20.215	4.043	2.177E-10	9.853	1.971	2.521E-11	-9.264	0.000	0.000E+00	9.025	1.805	1.937E-11	26.633	5.327	4.979E-10	-10.449	0.000	0.000E+00	-14.707	0.000	0.000E+00
405	10.730	2.146	3.256E-11	18.519	3.704	1.674E-10	12.785	2.557	5.508E-11	13.502	2.700	6.487E-11	-4.999	0.000	0.000E+00	14.217	2.843	7.573E-11	28.031	5.606	5.805E-10
406	-14.158	0.000	0.000E+00	11.701	2.340	4.223E-11	20.383	4.077	2.232E-10	8.025	1.605	1.362E-11	51.856	10.371	3.675E-09	15.509	3.102	9.831E-11	-9.234	0.000	0.000E+00
407	12.575	2.515	5.241E-11	10.184	2.037	2.784E-11	18.451	3.690	1.656E-10	15.556	3.111	9.922E-11	51.731	10.346	3.649E-09	23.859	4.772	3.580E-10	17.252	3.450	1.353E-10
408	15.161	3.032	9.186E-11	13.243	2.649	6.122E-11	-12.680	0.000	0.000E+00	9.541	1.908	2.289E-11	16.352	3.270	1.152E-10	16.732	3.346	1.235E-10	12.498	2.500	5.145E-11
409	9.289	1.858	2.112E-11	24.601	4.920	3.924E-10	22.893	4.579	3.162E-10	14.180	2.836	7.515E-11	12.556	2.511	5.218E-11	-13.775	0.000	0.000E+00	19.987	3.997	2.104E-10
410	-21.482	0.000	0.000E+00	14.940	2.988	8.789E-11	15.167	3.033	9.196E-11	-16.707	0.000	0.000E+00	11.285	2.257	3.788E-11	53.663	10.733	4.073E-09	11.804	2.361	4.334E-11
411	19.394	3.879	1.923E-10	16.902	3.380	1.273E-10	12.965	2.593	5.744E-11	13.163	2.633	6.011E-11	6.863	1.373	8.520E-12	12.893	2.579	5.648E-11	-15.896	0.000	0.000E+00
412	21.680	4.336	2.686E-10	30.863	6.173	7.748E-10	19.799	3.960	2.046E-10	13.292	2.658	6.189E-11	18.824	3.765	1.758E-10	11.253	2.251	3.756E-11	12.093	2.419	4.661E-11
413	14.645	2.929	8.279E-11	8.393	1.679	1.558E-11	27.875	5.575	5.709E-10	11.068	2.214	3.573E-11	10.117	2.023	2.729E-11	46.649	9.330	2.676E-09	-6.088	0.000	0.000E+00
414	13.179	2.636	6.032E-11	31.327	6.265	8.103E-10	12.024	2.405	4.582E-11	19.819	3.964	2.052E-10	-20.932	0.000	0.000E+00	14.924	2.985	8.760E-11	18.552	3.710	1.683E-10
415	16.681	3.336	1.223E-10	25.225	5.045	4.230E-10	-8.336	0.000	0.000E+00	-33.162	0.000	0.000E+00	18.945	3.789	1.792E-10	30.021	6.004	7.131E-10	17.688	3.538	1.459E-10
416	36.750	7.350	1.308E-09	19.372	3.874	1.916E-10	60.585	12.117	5.861E-09	-6.847	0.000	0.000E+00	8.835	1.767	1.818E-11	12.451	2.490	5.087E-11	9.163	1.833	2.028E-11
417	11.328	2.266	3.832E-11	24.017	4.803	3.651E-10	15.045	3.009	8.975E-11	16.367	3.273	1.156E-10	14.765	2.953	8.483E-11	15.604	3.121	1.001E-10	13.368	2.674	6.297E-11
418	16.201	3.240	1.121E-10	-13.439	0.000	0.000E+00	14.289	2.858	7.689E-11	-21.267	0.000	0.000E+00	5.109	1.022	3.514E-12	46.659	9.332	2.677E-09	9.691	1.938	2.399E-11
419	-11.031	0.000	0.000E+00	-7.565	0.000	0.000E+00	28.058	5.612	5.822E-10	-15.110	0.000	0.000E+00	49.659	9.932	3.228E-09	13.028	2.606	5.828E-11	14.324	2.865	7.746E-11
420	11.070	2.214	3.576E-11	19.927	3.985	2.085E-10	16.498	3.300	1.184E-10	15.234	3.047	9.319E-11	18.283	3.657	1.611E-10	-9.808	0.000	0.000E+00	-10.289	0.000	0.000E+00
421	22.457	4.491	2.985E-10	11.643	2.329	4.160E-11	14.951	2.990	8.808E-11	14.197	2.839	7.542E-11	18.652	3.730	1.710E-10	-16.841	0.000	0.000E+00	20.708	4.142	2.340E-10
422	61.063	12.213	6.001E-09	16.373	3.275	1.157E-10	32.600	6.520	9.131E-10	49.333	9.867	3.165E-09	18.806	3.761	1.753E-10	12.937	2.587	5.707E-11	14.602	2.920	8.206E-11
423	29.422	5.884	6.713E-10	14.598	2.920	8.200E-11	13.421	2.684	6.371E-11	-40.034	0.000	0.000E+00	10.361	2.072	2.932E-11	10.122	2.024	2.734E-11	22.219	4.444	2.891E-10
424	25.613	5.123	4.429E-10	9.445	1.889	2.221E-11	-22.585	0.000	0.000E+00	17.580	3.516	1.432E-10	51.704	10.341	3.643E-09	-9.753	0.000	0.000E+00	-7.107	0.000	0.000E+00
425	26.431	5.286	4.867E-10	16.552	3.310	1.195E-10	22.500	4.500	3.002E-10	61.497	12.299	6.130E-09	21.457	4.291	2.604E-10	33.472	6.694	9.884E-10	-10.520	0.000	0.000E+00
426	31.849	6.370	8.515E-10	7.515	1.503	1.119E-11	29.140	5.828	6.522E-10	73.161	14.632	1.032E-08	35.110	7.022	1.141E-09	19.455	3.891	1.941E-10	19.944	3.989	2.091E-10
427	-12.361	0.000	0.000E+00	5.424	1.085	4.205E-12	48.669	9.734	3.039E-09	24.013	4.803	3.649E-10	8.094	1.619	1.398E-11	35.106	7.021	1.140E-09	23.227	4.645	3.303E-10
428	14.403	2.881	7.875E-11	-11.558	0.000	0.000E+00	28.649	5.730	6.197E-10	16.047	3.209	1.089E-10	84.699	16.940	1.601E-08	78.908	15.782	1.295E-08	32.491	6.498	9.040E-10
429	11.632	2.326	4.148E-11	7.502	1.500	1.113E-11	17.249	3.450	1.353E-10	65.599	13.120	7.440E-09	15.769	3.154	1.034E-10	18.536	3.707	1.679E-10	20.942	4.188	2.421E-10
430	14.032	2.806	7.282E-11	11.308	2.262	3.811E-11	11.085	2.217	3.590E-11	-10.021	0.000	0.000E+00	19.418	3.884	1.930E-10	28.309	5.662	5.979E-10	16.288	3.258	1.139E-10
431	24.786	4.957	4.013E-10	14.774	2.955	8.499E-11	56.619	11.324	4.784E-09	56.208	11.242	4.680E-09	35.234	7.047	1.153E-09	12.816	2.563	5.548E-11	10.129	2.026	2.739E-11
432	5.921	1.184	5.471E-12	19.105	3.821	1.838E-10	8.762	1.752	1.773E-11	52.103	10.421	3.728E-09	-10.987	0.000	0.000E+00	15.459	3.092	9.737E-11	12.987	2.597	5.773E-11
433	-15.011	0.000	0.000E+00	-8.325	0.000	0.000E+00	24.266	4.853	3.766E-10	18.181	3.636	1.584E-10	13.704	2.741	6.783E-11	31.075	6.215	7.909E-10	17.505	3.501	1.414E-10
434	22.235	4.447	2.897E-10	27.886	5.577	5.716E-10	29.166	5.833	6.539E-10	14.518	2.904	8.065E-11	51.595	10.319	3.620E-09	31.858	6.372	8.522E-10	79.395	15.879	1.319E-08
435	23.876	4.775	3.587E-10	9.324	1.865	2.137E-11	31.190	6.238	7.997E-10	4.926	0.985	3.150E-12	14.058	2.812	7.322E-11	34.892	6.978	1.120E-09	-37.401	0.000	0.000E+00
436	24.460	4.892	3.857E-10	20.399	4.080	2.237E-10	-5.930	0.000	0.000E+00	65.658	13.132	7.460E-09	29.756	5.951	6.944E-10	23.464	4.693	3.405E-10	14.414	2.883	7.893E-11
437	33.849	6.770	1.022E-09	15.526	3.105	9.865E-11	28.389	5.678	6.030E-10	13.828	2.766	6.969E-11	12.450	2.490	5.086E-11	17.666	3.533	1.453E-10	18.638	3.728	1.760E-10
438	17.927	3.585	1.519E-10	-15.078	0.000	0.000E+00	13.684	2.737	6.754E-11	18.790	3.758	1.749E-10	20.033	4.007	2.119E-10	7.750	1.550	1.227E-11	19.214	3.843	1.870E-10
439	19.513	3.903	1.958E-10	25.146	5.029	4.191E-10	13.553	2.711	6.561E-11	69.918	13.984	9.009E-09	12.952	2.590	5.727E-11	-14.177	0.000	0.000E+00	15.337	3.067	9.509E-11
440	19.221	3.844	1.871E-10	14.852	2.970	8.635E-11	24.853	4.971	4.046E-10	18.958	3.792	1.796E-10	12.723	2.545	5.428E-11	57.210	11.442	4.935E-09	8.346	1.669	1.532E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
441	15.472	3.094	9.762E-11	-12.813	0.000	0.000E+00	12.318	2.464	4.927E-11	30.669	6.134	7.603E-10	20.877	4.175	2.398E-10	14.745	2.949	8.449E-11	12.606	2.521	5.279E-11
442	14.775	2.955	8.501E-11	36.649	7.330	1.297E-09	9.637	1.927	2.359E-11	13.639	2.728	6.688E-11	13.555	2.711	6.564E-11	18.474	3.695	1.662E-10	22.944	4.589	3.183E-10
443	17.413	3.483	1.392E-10	21.645	4.329	2.673E-10	4.156	0.831	1.892E-12	30.564	6.113	7.525E-10	-5.506	0.000	0.000E+00	-11.696	0.000	0.000E+00	13.318	2.664	6.226E-11
444	29.411	5.882	6.705E-10	-14.709	0.000	0.000E+00	19.204	3.841	1.867E-10	14.563	2.913	8.141E-11	13.004	2.601	5.796E-11	36.825	7.365	1.316E-09	23.974	4.795	3.632E-10
445	11.117	2.223	3.621E-11	16.941	3.388	1.282E-10	12.434	2.487	5.067E-11	68.974	13.795	8.649E-09	10.651	2.130	3.185E-11	30.014	6.003	7.127E-10	11.434	2.287	3.940E-11
446	62.193	12.439	6.340E-09	18.008	3.602	1.539E-10	22.746	4.549	3.102E-10	12.729	2.546	5.435E-11	17.204	3.441	1.342E-10	22.493	4.499	2.999E-10	13.083	2.617	5.903E-11
447	16.390	3.278	1.160E-10	23.625	4.725	3.476E-10	-11.166	0.000	0.000E+00	-7.768	0.000	0.000E+00	14.810	2.962	8.562E-11	15.412	3.082	9.649E-11	-12.373	0.000	0.000E+00
448	-8.991	0.000	0.000E+00	28.401	5.680	6.038E-10	-13.546	0.000	0.000E+00	55.761	11.152	4.570E-09	22.730	4.546	3.095E-10	14.586	2.917	8.179E-11	5.250	1.050	3.814E-12
449	16.897	3.379	1.271E-10	11.845	2.369	4.380E-11	10.318	2.064	2.895E-11	-10.214	0.000	0.000E+00	52.342	10.468	3.780E-09	-9.054	0.000	0.000E+00	13.729	2.746	6.820E-11
450	17.596	3.519	1.436E-10	65.559	13.112	7.427E-09	15.556	3.111	9.923E-11	27.854	5.571	5.696E-10	-28.866	0.000	0.000E+00	11.308	2.262	3.811E-11	12.666	2.533	5.356E-11
451	-20.847	0.000	0.000E+00	62.226	12.445	6.350E-09	11.531	2.306	4.041E-11	-8.654	0.000	0.000E+00	49.237	9.847	3.146E-09	31.530	6.306	8.261E-10	20.208	4.042	2.175E-10
452	19.057	3.811	1.824E-10	12.189	2.438	4.773E-11	35.750	7.150	1.204E-09	62.711	12.542	6.500E-09	20.849	4.170	2.389E-10	11.439	2.288	3.945E-11	10.464	2.093	3.020E-11
453	76.500	15.300	1.180E-08	-8.272	0.000	0.000E+00	28.329	5.666	5.992E-10	19.843	3.969	2.059E-10	16.072	3.214	1.094E-10	-17.338	0.000	0.000E+00	10.389	2.078	2.956E-11
454	51.026	10.205	3.502E-09	13.308	2.662	6.211E-11	10.334	2.067	2.909E-11	21.817	4.363	2.737E-10	15.596	3.119	9.998E-11	14.998	3.000	8.892E-11	14.300	2.860	7.708E-11
455	27.814	5.563	5.671E-10	89.468	17.894	1.888E-08	15.927	3.185	1.065E-10	24.131	4.826	3.703E-10	9.426	1.885	2.207E-11	13.013	2.603	5.808E-11	16.060	3.212	1.092E-10
456	22.661	4.532	3.067E-10	-10.566	0.000	0.000E+00	-13.437	0.000	0.000E+00	47.347	9.469	2.798E-09	11.907	2.381	4.449E-11	10.870	2.174	3.385E-11	12.102	2.420	4.672E-11
457	-33.531	0.000	0.000E+00	20.426	4.085	2.246E-10	18.782	3.756	1.746E-10	10.186	2.037	2.785E-11	46.820	9.364	2.705E-09	13.683	2.737	6.752E-11	44.630	8.926	2.343E-09
458	23.414	4.683	3.383E-10	39.535	7.907	1.629E-09	21.006	4.201	2.443E-10	14.579	2.916	8.167E-11	16.866	3.373	1.265E-10	12.702	2.540	5.402E-11	8.544	1.709	1.644E-11
459	15.410	3.082	9.644E-11	8.256	1.651	1.483E-11	12.190	2.438	4.775E-11	18.439	3.688	1.652E-10	5.842	1.168	5.256E-12	18.789	3.758	1.748E-10	32.986	6.597	9.460E-10
460	25.048	5.010	4.142E-10	10.328	2.066	2.903E-11	-19.989	0.000	0.000E+00	69.611	13.922	8.891E-09	22.741	4.548	3.100E-10	29.722	5.944	6.920E-10	12.533	2.507	5.188E-11
461	-7.395	0.000	0.000E+00	14.903	2.981	8.724E-11	39.909	7.982	1.675E-09	29.515	5.903	6.777E-10	54.471	10.894	4.260E-09	30.323	6.065	7.349E-10	20.638	4.128	2.317E-10
462	33.417	6.683	9.835E-10	9.266	1.853	2.097E-11	35.376	7.075	1.167E-09	20.635	4.127	2.316E-10	-7.363	0.000	0.000E+00	10.205	2.041	2.801E-11	17.450	3.490	1.400E-10
463	15.877	3.175	1.055E-10	21.638	4.328	2.670E-10	11.218	2.244	3.720E-11	20.499	4.100	2.270E-10	35.920	7.184	1.221E-11	11.064	2.213	3.569E-11	72.179	14.436	9.911E-09
464	12.274	2.455	4.874E-11	31.894	6.379	8.551E-10	-11.517	0.000	0.000E+00	38.671	7.734	1.524E-09	14.427	2.885	7.915E-11	25.039	5.008	4.138E-10	11.239	2.248	3.742E-11
465	16.058	3.212	1.091E-10	46.152	9.230	2.591E-09	-11.287	0.000	0.000E+00	5.238	1.048	3.788E-12	36.704	7.341	1.303E-09	17.678	3.536	1.456E-10	6.450	1.290	7.073E-12
466	11.315	2.263	3.818E-11	8.096	1.619	1.399E-11	10.479	2.096	3.033E-11	58.538	11.708	5.287E-09	13.800	2.760	6.927E-11	46.860	9.372	2.712E-09	73.319	14.664	1.039E-08
467	33.561	6.712	9.963E-10	15.459	3.092	9.737E-11	14.110	2.822	7.403E-11	13.585	2.717	6.607E-11	5.895	1.179	5.399E-12	16.563	3.313	1.198E-10	18.901	3.780	1.780E-10
468	13.798	2.760	6.924E-11	26.195	5.239	4.737E-10	11.501	2.300	4.010E-11	15.235	3.047	9.321E-11	38.583	7.717	1.514E-09	11.160	2.232	3.663E-11	-10.567	0.000	0.000E+00
469	13.765	2.753	6.874E-11	15.913	3.183	1.062E-10	-16.457	0.000	0.000E+00	18.526	3.705	1.676E-10	-9.503	0.000	0.000E+00	3.421	0.684	1.056E-12	71.659	14.332	9.698E-09
470	39.542	7.908	1.629E-09	59.397	11.879	5.523E-09	15.704	3.141	1.021E-10	50.677	10.135	3.430E-09	22.605	4.521	3.044E-10	18.789	3.758	1.748E-10	27.926	5.585	5.740E-10
471	11.686	2.337	4.206E-11	49.544	9.909	3.205E-09	20.072	4.014	2.131E-10	15.267	3.053	9.378E-11	33.789	6.758	1.017E-09	14.013	2.803	7.253E-11	15.267	3.053	9.380E-11
472	48.579	9.716	3.022E-09	31.468	6.294	8.213E-10	25.804	5.161	4.528E-10	30.212	6.042	7.268E-10	9.266	1.853	2.097E-11	38.150	7.630	1.463E-09	13.585	2.717	6.608E-11
473	24.158	4.832	3.716E-10	45.809	9.162	2.534E-09	6.415	1.283	6.957E-12	14.448	2.890	7.949E-11	50.040	10.008	3.302E-09	39.788	7.958	1.660E-09	12.262	2.452	4.860E-11
474	11.644	2.329	4.161E-11	8.705	1.741	1.739E-11	29.783	5.957	6.963E-10	22.635	4.527	3.056E-10	11.039	2.208	3.545E-11	9.638	1.928	2.360E-11	23.408	4.682	3.381E-10
475	20.837	4.167	2.384E-10	63.304	12.661	6.686E-09	9.000	1.800	1.921E-11	64.855	12.971	7.190E-09	31.599	6.320	8.316E-10	8.187	1.637	1.446E-11	42.230	8.446	1.985E-09
476	26.091	5.218	4.681E-10	10.713	2.143	3.241E-11	13.709	2.742	6.791E-11	14.977	2.995	8.854E-11	15.951	3.190	1.070E-10	16.640	3.328	1.214E-10	10.001	2.000	2.636E-11
477	14.816	2.963	8.572E-11	6.515	1.303	7.289E-12	48.037	9.607	2.922E-09	13.669	2.734	6.731E-11	22.737	4.547	3.098E-10	38.358	7.672	1.487E-09	69.844	13.969	8.980E-09
478	23.164	4.633	3.276E-10	54.871	10.974	4.354E-09	18.330	3.666	1.623E-10	29.449	5.890	6.731E-10	12.729	2.546	5.435E-11	86.100	17.220	1.682E-08	12.907	2.581	5.668E-11
479	-11.908	0.000	0.000E+00	19.498	3.900	1.954E-10	10.453	2.091	3.010E-11	58.874	11.775	5.379E-09	11.041	2.208	3.547E-11	14.111	2.822	7.406E-11	12.224	2.445	4.814E-11
480	23.096	4.619	3.247E-10	23.121	4.624	3.258E-10	-18.072	0.000	0.000E+00	36.806	7.361	1.314E-09	-11.422	0.000	0.000E+00	14.854	2.971	8.638E-11	10.268	2.054	2.853E-11
481	6.838	1.368	8.428E-12	54.589	10.918	4.288E-09	-19.891	0.000	0.000E+00	16.158	3.232	1.112E-10	-23.571	0.000	0.000E+00	-7.783	0.000	0.000E+00	32.694	6.539	9.211E-10
482	21.004	4.201	2.442E-10	41.994	8.399	1.952E-09	66.973	13.395	7.918E-09	45.480	9.096	2.479E-09	23.202	4.640	3.292E-10	6.570	1.314	7.474E-12	80.215	16.043	1.360E-08
483	32.058	6.412	8.683E-10	15.341	3.068	9.516E-11	17.943	3.589	1.523E-10	54.031	10.806	4.157E-09	35.384	7.077	1.168E-09	35.042	7.008	1.134E-09	-13.928	0.000	0.000E+00
484	32.461	6.492	9.015E-10	9.955	1.991	2.600E-11	15.803	3.161	1.040E-10	-24.006	0.000	0.000E+00	11.166	2.233	3.670E-11	19.812	3.962	2.050E-10	-12.889	0.000	0.000E+00
485	8.044	1.609	1.372E-11	58.825	11.765	5.365E-09	15.379	3.076	9.587E-11	16.061	3.212	1.092E-10	11.592	2.318	4.105E-11	9.257	1.851	2.091E-11	60.393	12.079	5.806E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
486	23.991	4.798	3.640E-10	17.824	3.565	1.492E-10	-15.368	0.000	0.000E+00	17.290	3.458	1.362E-10	18.845	3.769	1.764E-10	21.531	4.306	2.631E-10	16.238	3.248	1.128E-10
487	20.822	4.164	2.379E-10	70.303	14.061	9.158E-09	32.433	6.487	8.992E-10	41.500	8.300	1.884E-09	16.780	3.356	1.245E-10	21.216	4.243	2.517E-10	18.659	3.732	1.712E-10
488	44.510	8.902	2.324E-09	57.617	11.523	5.041E-09	18.314	3.663	1.619E-10	12.944	2.589	5.716E-11	12.281	2.456	4.882E-11	12.415	2.483	5.043E-11	14.645	2.929	8.278E-11
489	59.658	11.932	5.596E-09	17.943	3.589	1.523E-10	62.709	12.542	6.499E-09	43.604	8.721	2.185E-09	-7.591	0.000	0.000E+00	8.294	1.659	1.504E-11	6.821	1.364	8.366E-12
490	12.564	2.513	5.228E-11	4.615	0.923	2.591E-12	16.546	3.309	1.194E-10	-53.967	0.000	0.000E+00	-12.137	0.000	0.000E+00	10.925	2.185	3.437E-11	5.226	1.045	3.762E-12
491	29.922	5.984	7.061E-10	-13.974	0.000	0.000E+00	26.796	5.359	5.071E-10	9.863	1.973	2.528E-11	67.918	13.584	8.258E-09	42.920	8.584	2.084E-09	21.164	4.233	2.499E-10
492	48.378	9.676	2.984E-09	20.379	4.076	2.231E-10	15.860	3.172	1.051E-10	14.953	2.991	8.813E-11	66.080	13.216	7.605E-09	16.711	3.342	1.230E-10	24.618	4.924	3.932E-10
493	13.494	2.699	6.475E-11	62.370	12.474	6.395E-09	13.846	2.769	6.996E-11	23.309	4.662	3.338E-10	53.012	10.602	3.927E-09	25.325	5.065	4.281E-10	-9.240	0.000	0.000E+00
494	8.895	1.779	1.855E-11	36.658	7.332	1.298E-09	39.270	7.854	1.596E-09	27.984	5.597	5.776E-10	17.944	3.589	1.523E-10	16.531	3.306	1.191E-10	14.092	2.818	7.376E-11
495	9.604	1.921	2.335E-11	32.927	6.585	9.409E-10	19.446	3.889	1.938E-10	-46.484	0.000	0.000E+00	39.364	7.873	1.608E-09	14.159	2.832	7.481E-11	38.846	7.769	1.545E-09
496	12.790	2.558	5.514E-11	10.015	2.003	2.648E-11	26.490	5.298	4.899E-10	14.069	2.814	7.339E-11	10.570	2.114	3.113E-11	67.217	13.443	8.005E-09	66.521	13.304	7.758E-09
497	22.304	4.461	2.924E-10	18.492	3.698	1.667E-10	6.066	1.213	5.883E-12	19.448	3.890	1.939E-10	15.831	3.166	1.046E-10	15.829	3.166	1.045E-10	59.907	11.981	5.666E-09
498	14.767	2.953	8.486E-11	32.837	6.567	9.332E-10	18.192	3.638	1.587E-10	-4.955	0.000	0.000E+00	16.383	3.277	1.159E-10	43.473	8.695	2.166E-09	16.268	3.254	1.135E-10
499	16.611	3.322	1.208E-10	11.678	2.336	4.198E-11	35.225	7.045	1.152E-09	11.199	2.240	3.702E-11	16.788	3.358	1.247E-10	15.477	3.095	9.772E-11	12.042	2.408	4.603E-11
500	5.307	1.061	3.939E-12	-17.273	0.000	0.000E+00	66.133	13.227	7.623E-09	13.693	2.739	6.768E-11	13.844	2.769	6.994E-11	17.535	3.507	1.421E-10	18.577	3.715	1.690E-10
501	17.255	3.451	1.354E-10	65.988	13.198	7.573E-09	29.131	5.826	6.516E-10	60.843	12.169	5.936E-09	21.252	4.250	2.530E-10	12.972	2.594	5.754E-11	65.943	13.189	7.558E-09
502	-8.678	0.000	0.000E+00	57.341	11.468	4.969E-09	-34.971	0.000	0.000E+00	16.956	3.391	1.285E-10	44.693	8.939	2.353E-09	17.614	3.523	1.440E-10	11.902	2.380	4.444E-11
503	-12.684	0.000	0.000E+00	-68.871	0.000	0.000E+00	21.621	4.324	2.664E-10	25.514	5.103	4.378E-10	8.772	1.754	1.779E-11	20.884	4.177	2.401E-10	25.731	5.146	4.490E-10
504	13.339	2.668	6.256E-11	43.408	8.682	2.156E-09	-19.990	0.000	0.000E+00	27.908	5.582	5.729E-10	-9.730	0.000	0.000E+00	49.053	9.811	3.111E-09	18.390	3.678	1.639E-10
505	20.165	4.033	2.161E-10	18.427	3.685	1.649E-10	16.585	3.317	1.202E-10	16.889	3.378	1.270E-10	9.706	1.941	2.410E-11	35.850	7.170	1.214E-09	-6.781	0.000	0.000E+00
506	8.509	1.702	1.624E-11	30.035	6.007	7.142E-10	26.297	5.259	4.793E-10	13.701	2.740	6.779E-11	24.734	4.947	3.988E-10	28.772	5.754	6.277E-10	11.259	2.252	3.762E-11
507	12.521	2.504	5.174E-11	18.574	3.715	1.689E-10	10.251	2.050	2.839E-11	15.362	3.072	9.556E-11	11.731	2.346	4.255E-11	25.180	5.036	4.208E-10	12.311	2.462	4.918E-11
508	18.086	3.617	1.559E-10	46.427	9.285	2.638E-09	-17.431	0.000	0.000E+00	-13.443	0.000	0.000E+00	22.201	4.440	2.884E-10	29.575	5.915	6.818E-10	11.912	2.382	4.455E-11
509	18.074	3.615	1.556E-10	10.707	2.141	3.236E-11	-11.566	0.000	0.000E+00	20.035	4.007	2.120E-10	20.873	4.175	2.397E-10	-4.348	0.000	0.000E+00	7.827	1.565	1.264E-11
510	35.808	7.162	1.210E-09	48.608	9.722	3.027E-09	11.967	2.393	4.517E-11	16.757	3.351	1.240E-10	18.874	3.775	1.772E-10	40.930	8.186	1.807E-09	36.459	7.292	1.277E-09
511	17.752	3.550	1.474E-10	15.832	3.166	1.046E-10	20.352	4.070	2.222E-10	16.490	3.298	1.182E-10	13.969	2.794	7.184E-11	13.519	2.704	6.512E-11	89.521	17.904	1.891E-08
512	14.914	2.983	8.743E-11	12.749	2.550	5.461E-11	54.766	10.953	4.329E-09	10.820	2.164	3.339E-11	49.377	9.875	3.173E-09	5.811	1.162	5.173E-12	14.587	2.917	8.180E-11
513	19.667	3.933	2.005E-10	22.379	4.476	2.954E-10	-4.786	0.000	0.000E+00	16.694	3.339	1.226E-10	29.154	5.831	6.531E-10	13.194	2.639	6.053E-11	12.700	2.540	5.399E-11
514	22.560	4.512	3.026E-10	40.584	8.117	1.762E-09	15.381	3.076	9.591E-11	30.486	6.097	7.468E-10	23.006	4.601	3.209E-10	17.257	3.451	1.355E-10	17.549	3.510	1.424E-10
515	12.291	2.458	4.893E-11	20.996	4.199	2.439E-10	16.071	3.214	1.094E-10	9.585	1.917	2.321E-11	12.445	2.489	5.080E-11	46.798	9.360	2.701E-09	-3.919	0.000	0.000E+00
516	-6.498	0.000	0.000E+00	13.741	2.748	6.838E-11	22.411	4.482	2.967E-10	11.911	2.382	4.453E-11	15.125	3.025	9.120E-11	10.132	2.026	2.742E-11	10.404	2.081	2.968E-11
517	31.753	6.351	8.438E-10	19.970	3.994	2.099E-10	36.732	7.346	1.306E-09	15.983	3.197	1.076E-10	15.517	3.103	9.847E-11	20.561	4.112	2.291E-10	26.720	5.344	5.028E-10
518	18.352	3.670	1.629E-10	-4.619	0.000	0.000E+00	15.338	3.068	9.511E-11	19.112	3.822	1.840E-10	14.077	2.815	7.352E-11	17.137	3.427	1.326E-10	17.663	3.533	1.452E-10
519	29.331	5.866	6.650E-10	16.507	3.301	1.186E-10	14.784	2.957	8.516E-11	18.214	3.643	1.593E-10	10.467	2.093	3.023E-11	19.226	3.845	1.873E-10	66.402	13.280	7.717E-09
520	9.851	1.970	2.520E-11	18.523	3.705	1.675E-10	23.409	4.682	3.381E-10	-10.430	0.000	0.000E+00	42.483	8.497	2.021E-09	46.367	9.273	2.627E-09	24.989	4.998	4.113E-10
521	-18.286	0.000	0.000E+00	-7.632	0.000	0.000E+00	17.497	3.499	1.412E-10	26.616	5.323	4.970E-10	55.187	11.037	4.430E-09	18.759	3.752	1.740E-10	27.626	5.525	5.557E-10
522	18.009	3.602	1.539E-10	5.050	1.010	3.394E-12	30.746	6.149	7.660E-10	38.959	7.792	1.559E-09	21.789	4.358	2.726E-10	18.560	3.712	1.685E-10	11.361	2.272	3.864E-11
523	34.835	6.967	1.114E-09	13.187	2.637	6.043E-11	13.351	2.670	6.272E-11	43.190	8.638	2.123E-09	25.730	5.146	4.490E-10	5.455	1.091	4.277E-12	88.468	17.694	1.825E-08
524	14.599	2.920	8.201E-11	9.598	1.920	2.331E-11	-9.868	0.000	0.000E+00	-16.888	0.000	0.000E+00	24.581	4.916	3.914E-10	16.172	3.234	1.115E-10	-38.677	0.000	0.000E+00
525	15.555	3.111	9.920E-11	42.701	8.540	2.052E-09	-34.041	0.000	0.000E+00	7.574	1.515	1.145E-11	16.016	3.203	1.083E-10	13.553	2.711	6.561E-11	13.811	2.762	6.943E-11
526	15.290	3.058	9.422E-11	12.976	2.595	5.758E-11	19.766	3.953	2.035E-10	57.939	11.588	5.126E-09	-4.371	0.000	0.000E+00	15.134	3.027	9.136E-11	7.868	1.574	1.284E-11
527	14.015	2.803	7.255E-11	17.051	3.410	1.307E-10	-10.966	0.000	0.000E+00	63.570	12.714	6.771E-09	19.903	3.981	2.078E-10	10.272	2.054	2.857E-11	10.360	2.072	2.931E-11
528	45.092	9.018	2.417E-09	6.431	1.286	7.009E-12	-10.856	0.000	0.000E+00	22.817	4.563	3.131E-10	10.845	2.169	3.362E-11	33.411	6.682	9.830E-10	19.585	3.917	1.980E-10
529	23.099	4.620	3.248E-10	8.495	1.699	1.616E-11	14.675	2.935	8.330E-11	61.522	12.304	6.137E-09	46.522	9.304	2.654E-09	9.221	1.844	2.066E-11	11.864	2.373	4.402E-11
530	14.247	2.849	7.621E-11	-9.275	0.000	0.000E+00	14.422	2.884	7.907E-11	21.654	4.331	2.676E-10	14.205	2.841	7.554E-11	18.144	3.629	1.574E-10	25.347	5.069	4.292E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
531	17.912	3.582	1.515E-10	16.716	3.343	1.231E-10	3.347	0.669	9.881E-13	8.561	1.712	1.654E-11	51.551	10.310	3.611E-09	23.702	4.740	3.509E-10	14.620	2.924	8.237E-11
532	18.837	3.767	1.762E-10	44.965	8.993	2.396E-09	-8.888	0.000	0.000E+00	15.024	3.005	8.939E-11	21.060	4.212	2.462E-10	-8.949	0.000	0.000E+00	69.560	13.912	8.871E-09
533	75.201	15.040	1.121E-08	18.953	3.791	1.795E-10	57.000	11.400	4.881E-09	11.837	2.367	4.371E-11	36.403	7.281	1.271E-09	47.978	9.596	2.911E-09	-12.128	0.000	0.000E+00
534	10.381	2.076	2.949E-11	34.049	6.810	1.040E-09	49.040	9.808	3.108E-09	-6.747	0.000	0.000E+00	11.066	2.213	3.572E-11	3.448	0.690	1.080E-12	55.723	11.145	4.560E-09
535	15.736	3.147	1.027E-10	47.474	9.495	2.820E-09	18.918	3.784	1.785E-10	15.126	3.025	9.121E-11	30.728	6.146	7.647E-10	20.248	4.050	2.188E-10	17.172	3.434	1.334E-10
536	11.217	2.243	3.720E-11	-17.976	0.000	0.000E+00	52.900	10.580	3.902E-09	68.867	13.773	8.608E-09	38.456	7.691	1.499E-09	27.424	5.485	5.436E-10	10.629	2.126	3.165E-11
537	56.059	11.212	4.643E-09	-10.736	0.000	0.000E+00	16.665	3.333	1.220E-10	29.632	5.926	6.858E-10	4.223	0.845	1.985E-12	23.188	4.638	3.286E-10	39.470	7.894	1.621E-09
538	13.906	2.781	7.088E-11	13.381	2.676	6.314E-11	17.418	3.484	1.393E-10	14.106	2.821	7.397E-11	37.077	7.415	1.343E-09	10.598	2.120	3.137E-11	18.890	3.778	1.776E-10
539	9.472	1.894	2.240E-11	17.633	3.527	1.445E-11	17.904	3.581	1.513E-10	14.486	2.897	8.011E-11	15.554	3.111	9.917E-11	39.290	7.858	1.599E-09	60.665	12.133	5.885E-09
540	19.751	3.950	2.031E-10	39.704	7.941	1.650E-09	8.082	1.616	1.391E-11	14.596	2.919	8.195E-11	9.421	1.884	2.204E-11	21.330	4.266	2.558E-10	27.733	5.547	5.622E-10
541	20.727	4.145	2.347E-10	16.162	3.232	1.113E-10	27.772	5.554	5.646E-10	24.039	4.808	3.661E-10	89.591	17.918	1.895E-08	52.869	10.574	3.895E-09	11.990	2.398	4.543E-11
542	16.637	3.327	1.214E-10	25.261	5.052	4.248E-10	8.773	1.755	1.780E-11	12.550	2.510	5.210E-11	18.570	3.714	1.688E-10	12.234	2.447	4.826E-11	51.328	10.266	3.564E-09
543	42.477	8.495	2.020E-09	9.974	1.995	2.615E-11	65.822	13.164	7.516E-09	13.518	2.704	6.510E-11	28.442	5.688	6.064E-10	22.762	4.552	3.108E-10	10.813	2.163	3.332E-11
544	21.967	4.393	2.794E-10	21.317	4.263	2.553E-10	12.750	2.550	5.463E-11	-19.273	0.000	0.000E+00	46.539	9.308	2.657E-09	45.050	9.010	2.410E-09	10.432	2.086	2.992E-11
545	19.946	3.989	2.092E-10	5.943	1.189	5.533E-12	8.905	1.781	1.861E-11	14.331	2.866	7.757E-11	54.739	10.948	4.323E-09	36.685	7.337	1.301E-09	11.806	2.361	4.337E-11
546	18.870	3.774	1.771E-10	15.659	3.132	1.012E-10	9.907	1.981	2.563E-11	37.853	7.571	1.430E-09	-3.797	0.000	0.000E+00	65.749	13.150	7.491E-09	8.463	1.693	1.597E-11
547	28.483	5.697	6.090E-10	10.553	2.111	3.097E-11	16.011	3.202	1.082E-10	17.719	3.544	1.466E-10	14.749	2.950	8.455E-11	-10.965	0.000	0.000E+00	12.870	2.574	5.618E-11
548	21.162	4.232	2.498E-10	13.976	2.795	7.195E-11	16.354	3.271	1.153E-10	86.469	17.294	1.704E-08	13.031	2.606	5.833E-11	11.485	2.297	3.993E-11	12.881	2.576	5.633E-11
549	23.108	4.622	3.252E-10	49.805	9.961	3.256E-09	87.029	17.406	1.737E-08	-5.469	0.000	0.000E+00	33.936	6.787	1.030E-09	16.950	3.390	1.283E-10	14.444	2.889	7.942E-11
550	-40.351	0.000	0.000E+00	11.702	2.340	4.223E-11	20.843	4.169	2.387E-10	33.886	6.777	1.026E-09	10.311	2.062	2.889E-11	19.319	3.864	1.900E-10	45.198	9.040	2.434E-09
551	26.830	5.366	5.090E-10	15.819	3.164	1.043E-10	30.890	6.178	7.768E-10	15.685	3.137	1.017E-10	18.001	3.600	1.537E-10	20.674	4.135	2.329E-10	-15.139	0.000	0.000E+00
552	21.140	4.228	2.490E-10	11.411	2.282	3.916E-11	19.563	3.913	1.973E-10	50.367	10.073	3.368E-09	10.675	2.135	3.206E-11	94.819	18.964	2.247E-08	16.537	3.307	1.192E-10
553	20.864	4.173	2.394E-10	-10.082	0.000	0.000E+00	24.656	4.931	3.951E-10	14.518	2.904	8.066E-11	26.754	5.351	5.047E-10	9.117	1.823	1.998E-11	19.134	3.827	1.846E-10
554	35.239	7.048	1.153E-09	19.320	3.864	1.901E-10	16.949	3.390	1.283E-10	-19.410	0.000	0.000E+00	22.993	4.599	3.204E-10	68.045	13.609	8.304E-09	22.201	4.440	2.884E-10
555	15.212	3.042	9.279E-11	8.973	1.795	1.904E-11	38.350	7.670	1.487E-09	21.766	4.353	2.718E-10	34.639	6.928	1.095E-09	70.373	14.075	9.186E-09	14.109	2.822	7.403E-11
556	10.559	2.112	3.103E-11	16.510	3.302	1.186E-10	17.454	3.491	1.402E-10	13.435	2.687	6.391E-11	12.590	2.518	5.259E-11	-6.717	0.000	0.000E+00	12.628	2.526	5.308E-11
557	17.696	3.539	1.461E-10	11.330	2.266	3.834E-11	14.938	2.988	8.786E-11	8.946	1.789	1.887E-11	20.483	4.097	2.265E-10	36.462	7.292	1.278E-09	19.778	3.956	2.039E-10
558	26.187	5.237	4.733E-10	23.130	4.626	3.262E-10	13.834	2.767	6.978E-11	16.732	3.346	1.235E-10	38.672	7.734	1.524E-09	-5.507	0.000	0.000E+00	-16.066	0.000	0.000E+00
559	10.715	2.143	3.243E-11	17.946	3.589	1.523E-10	21.859	4.372	2.753E-10	32.524	6.505	9.068E-10	12.086	2.417	4.653E-11	18.056	3.611	1.551E-10	10.723	2.145	3.250E-11
560	26.082	5.216	4.677E-10	13.390	2.678	6.327E-11	53.939	10.788	4.136E-09	19.823	3.965	2.053E-10	16.254	3.251	1.132E-10	18.217	3.643	1.593E-10	17.147	3.429	1.329E-10
561	50.565	10.113	3.408E-09	-18.704	0.000	0.000E+00	22.743	4.549	3.100E-10	44.528	8.906	2.327E-09	-10.969	0.000	0.000E+00	23.842	4.768	3.572E-10	-12.379	0.000	0.000E+00
562	20.335	4.067	2.216E-10	55.629	11.126	4.537E-09	-7.017	0.000	0.000E+00	-10.292	0.000	0.000E+00	22.404	4.481	2.964E-10	10.267	2.053	2.853E-11	-9.598	0.000	0.000E+00
563	30.300	6.060	7.332E-10	42.387	8.477	2.007E-09	34.637	6.927	1.095E-09	11.887	2.377	4.427E-11	15.768	3.154	1.033E-10	19.789	3.958	2.043E-10	19.847	3.969	2.061E-10
564	8.923	1.785	1.873E-11	17.834	3.567	1.495E-10	-4.584	0.000	0.000E+00	18.339	3.668	1.626E-10	13.688	2.738	6.759E-11	15.816	3.163	1.043E-10	18.072	3.614	1.556E-10
565	28.016	5.603	5.796E-10	20.716	4.143	2.343E-10	9.029	1.806	1.940E-11	18.592	3.718	1.694E-10	55.285	11.057	4.454E-09	95.413	19.083	2.289E-08	15.687	3.137	1.018E-10
566	24.058	4.812	3.670E-10	-7.857	0.000	0.000E+00	34.148	6.830	1.049E-09	47.474	9.495	2.820E-09	17.531	3.506	1.420E-10	-18.060	0.000	0.000E+00	36.686	7.337	1.301E-09
567	18.974	3.795	1.800E-10	-13.532	0.000	0.000E+00	11.430	2.286	3.936E-11	13.054	2.611	5.863E-11	14.065	2.813	7.333E-11	18.652	3.730	1.710E-10	21.153	4.231	2.495E-10
568	10.928	2.186	3.440E-11	10.650	2.130	3.184E-11	27.712	5.542	5.609E-10	51.079	10.216	3.512E-09	24.799	4.960	4.020E-10	37.423	7.485	1.381E-09	17.874	3.575	1.055E-10
569	12.631	2.526	5.311E-11	16.483	3.297	1.180E-10	12.929	2.586	5.697E-11	5.524	1.105	4.444E-12	-29.437	0.000	0.000E+00	14.282	2.856	7.678E-11	-9.366	0.000	0.000E+00
570	17.877	3.575	1.506E-10	7.189	1.438	9.793E-12	13.442	2.688	6.402E-11	72.370	14.474	9.990E-09	13.148	2.630	5.991E-11	20.827	4.165	2.381E-10	-4.999	0.000	0.000E+00
571	15.008	3.002	8.910E-11	44.944	8.989	2.393E-09	18.661	3.732	1.713E-10	-10.770	0.000	0.000E+00	43.052	8.610	2.103E-09	6.801	1.360	8.292E-12	14.104	2.821	7.394E-11
572	17.125	3.425	1.324E-10	11.135	2.227	3.638E-11	51.365	10.273	3.512E-09	12.279	2.456	4.880E-11	8.633	1.727	1.696E-11	27.117	5.423	5.255E-10	65.826	13.165	7.518E-09
573	19.256	3.851	1.882E-10	11.364	2.273	3.868E-11	21.636	4.327	2.669E-10	31.223	6.245	8.023E-10	72.501	14.500	1.004E-08	-11.305	0.000	0.000E+00	35.663	7.133	1.195E-09
574	-15.944	0.000	0.000E+00	17.598	3.520	1.436E-10	42.675	8.535	2.048E-09	8.369	1.674	1.545E-11	55.925	11.185	4.610E-09	25.471	5.094	4.355E-10	36.225	7.245	1.253E-09
575	16.115	3.223	1.103E-10	64.766	12.953	7.160E-09	16.720	3.344	1.232E-10	25.376	5.075	4.307E-10	-33.122	0.000	0.000E+00	23.250	4.650	3.313E-10	17.876	3.575</	

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
576	34.331	6.866	1.066E-09	20.482	4.096	2.265E-10	20.785	4.157	2.367E-10	53.060	10.612	3.937E-09	14.601	2.920	8.204E-11	17.309	3.462	1.367E-10	21.129	4.226	2.486E-10
577	14.101	2.820	7.391E-11	22.827	4.565	3.135E-10	22.578	4.516	3.033E-10	27.091	5.418	5.240E-10	32.347	6.469	8.921E-10	30.600	6.120	7.552E-10	10.815	2.163	3.334E-11
578	14.158	2.832	7.480E-11	13.675	2.735	6.740E-11	36.254	7.251	1.256E-09	12.638	2.528	5.320E-11	-14.766	0.000	0.000E+00	-32.252	0.000	0.000E+00	30.907	6.181	7.782E-10
579	25.832	5.166	4.543E-10	30.424	6.085	7.422E-10	54.394	10.879	4.242E-09	17.591	3.518	1.435E-10	-8.820	0.000	0.000E+00	20.548	4.110	2.287E-10	73.218	14.644	1.035E-08
580	11.871	2.374	4.409E-11	27.868	5.574	5.704E-10	17.680	3.536	1.457E-10	28.482	5.696	6.090E-10	22.520	4.504	3.010E-10	21.038	4.208	2.454E-10	10.709	2.142	3.237E-11
581	-8.368	0.000	0.000E+00	16.176	3.235	1.116E-10	27.988	5.598	5.778E-10	10.588	2.118	3.128E-11	11.294	2.259	3.797E-11	9.693	1.939	2.400E-11	16.213	3.243	1.123E-10
582	23.502	4.700	3.421E-10	19.649	3.930	2.000E-10	14.197	2.839	7.542E-11	5.449	1.090	4.264E-12	14.699	2.940	8.370E-11	17.577	3.515	1.431E-10	20.347	4.069	2.220E-10
583	11.912	2.382	4.455E-11	13.135	2.627	5.972E-11	6.498	1.300	7.231E-12	-4.880	0.000	0.000E+00	23.833	4.767	3.568E-10	30.846	6.169	7.735E-10	20.862	4.172	2.393E-10
584	18.637	3.727	1.706E-10	18.366	3.673	1.633E-10	35.511	7.102	1.180E-09	31.108	6.222	7.934E-10	7.404	1.481	1.070E-11	15.852	3.170	1.050E-10	11.635	2.327	4.151E-11
585	-4.166	0.000	0.000E+00	-10.524	0.000	0.000E+00	12.915	2.583	5.677E-11	17.679	3.536	1.456E-10	19.724	3.945	2.022E-10	15.608	3.122	1.002E-10	30.171	6.034	7.239E-10
586	52.685	10.537	3.854E-09	28.672	5.734	6.213E-10	14.163	2.833	7.487E-11	16.746	3.349	1.238E-10	35.953	7.191	1.225E-09	50.755	10.151	3.446E-09	26.334	5.267	4.813E-10
587	-10.673	0.000	0.000E+00	-21.922	0.000	0.000E+00	-10.492	0.000	0.000E+00	38.537	7.707	1.508E-09	13.727	2.745	6.818E-11	38.784	7.757	1.538E-09	8.582	1.716	1.666E-11
588	22.574	4.515	3.032E-10	25.593	5.119	4.418E-10	14.219	2.844	7.576E-11	19.360	3.872	1.912E-10	-13.877	0.000	0.000E+00	21.377	4.275	2.575E-10	-2.808	0.000	0.000E+00
589	16.850	3.370	1.261E-10	13.057	2.611	5.867E-11	41.263	8.253	1.852E-09	27.710	5.542	5.608E-10	64.828	12.966	7.181E-09	21.807	4.361	2.733E-10	17.908	3.582	1.514E-10
590	19.400	3.880	1.925E-10	8.457	1.691	1.594E-11	22.377	4.475	2.953E-10	61.240	12.248	6.053E-09	16.033	3.207	1.086E-10	35.936	7.187	1.223E-09	30.928	6.186	7.797E-10
591	43.329	8.666	2.144E-09	53.857	10.771	4.117E-09	19.785	3.957	2.041E-10	6.204	1.241	6.295E-12	-16.309	0.000	0.000E+00	37.444	7.489	1.384E-09	11.599	2.320	4.113E-11
592	-29.529	0.000	0.000E+00	-8.371	0.000	0.000E+00	15.195	3.039	9.248E-11	9.521	1.904	2.275E-11	14.385	2.877	7.846E-11	14.540	2.908	8.102E-11	-18.210	0.000	0.000E+00
593	18.037	3.607	1.547E-10	21.200	4.240	2.511E-10	13.719	2.744	6.805E-11	17.436	3.487	1.397E-10	11.941	2.388	4.487E-11	16.890	3.378	1.270E-10	76.847	15.369	1.196E-08
594	-5.446	0.000	0.000E+00	46.868	9.374	2.713E-09	22.988	4.598	3.202E-10	11.237	2.247	3.740E-11	11.909	2.382	4.452E-11	22.462	4.492	2.987E-10	17.880	3.576	1.507E-10
595	-17.546	0.000	0.000E+00	-47.425	0.000	0.000E+00	25.499	5.100	4.370E-10	48.626	9.725	3.030E-09	18.387	3.677	1.638E-10	27.352	5.470	5.393E-10	-12.896	0.000	0.000E+00
596	9.104	1.821	1.989E-11	34.624	6.925	1.094E-09	-5.778	0.000	0.000E+00	33.783	6.757	1.016E-09	55.174	11.035	4.427E-09	25.418	5.084	4.328E-10	13.705	2.741	6.785E-11
597	32.770	6.554	9.275E-10	16.919	3.384	1.277E-10	19.351	3.870	1.910E-10	26.658	5.332	4.993E-10	17.366	3.473	1.380E-10	27.189	5.438	5.297E-10	17.526	3.505	1.419E-10
598	33.873	6.775	1.024E-09	22.051	4.410	2.826E-10	10.954	2.191	3.464E-11	68.598	13.720	8.508E-09	50.609	10.122	3.417E-09	30.938	6.188	7.805E-10	14.708	2.942	8.386E-11
599	9.758	1.952	2.449E-11	32.283	6.457	8.867E-10	9.654	1.931	2.372E-11	67.573	13.515	8.132E-09	36.512	7.302	1.283E-09	-5.583	0.000	0.000E+00	34.047	6.809	1.040E-09
600	12.540	2.508	5.198E-11	24.706	4.941	3.975E-10	97.783	19.557	2.464E-08	66.058	13.212	7.597E-09	7.906	1.581	1.303E-11	11.096	2.219	3.600E-11	28.444	5.689	6.066E-10
601	14.515	2.903	8.060E-11	20.365	4.073	2.226E-10	11.013	2.203	3.521E-11	41.230	8.246	1.847E-09	14.962	2.992	8.827E-11	-11.006	0.000	0.000E+00	24.453	4.891	3.854E-10
602	16.171	3.234	1.115E-10	13.314	2.663	6.220E-11	33.247	6.649	9.686E-10	53.593	10.719	4.057E-09	61.368	12.274	6.091E-09	15.940	3.188	1.068E-10	31.574	6.315	8.296E-10
603	21.436	4.287	2.596E-10	11.239	2.248	3.742E-11	10.412	2.082	2.975E-11	12.715	2.543	5.418E-11	15.169	3.034	9.199E-11	21.705	4.341	2.695E-10	55.333	11.067	4.465E-09
604	-17.599	0.000	0.000E+00	30.894	6.179	7.772E-10	17.962	3.592	1.527E-10	13.414	2.683	6.362E-11	15.512	3.102	9.837E-11	30.393	6.079	7.399E-10	18.213	3.643	1.592E-10
605	16.337	3.267	1.149E-10	23.713	4.743	3.515E-10	92.451	18.490	2.083E-08	22.153	4.431	2.865E-10	43.097	8.619	2.110E-09	-25.224	0.000	0.000E+00	9.283	1.857	2.109E-11
606	21.474	4.295	2.610E-10	16.231	3.246	1.127E-10	12.237	2.447	4.829E-11	-15.955	0.000	0.000E+00	17.377	3.475	1.383E-10	11.512	2.302	4.021E-11	63.387	12.677	6.713E-09
607	17.354	3.471	1.378E-10	14.169	2.834	7.498E-11	4.079	0.816	1.789E-12	21.036	4.207	2.454E-10	14.958	2.992	8.822E-11	7.490	1.498	1.108E-11	56.182	11.236	4.674E-09
608	31.508	6.302	8.244E-10	39.150	7.830	1.582E-09	21.250	4.250	2.529E-10	10.232	2.046	2.823E-11	15.872	3.174	1.054E-10	11.629	2.326	4.145E-11	23.020	4.604	3.215E-10
609	9.943	1.989	2.591E-11	15.050	3.010	8.985E-11	13.682	2.736	6.751E-11	32.379	6.476	8.947E-10	17.838	3.568	1.496E-10	26.627	5.325	4.976E-10	27.918	5.584	5.735E-10
610	15.232	3.046	9.315E-11	16.617	3.323	1.209E-10	11.033	2.207	3.540E-11	61.804	12.361	6.222E-09	14.628	2.926	8.250E-11	18.803	3.761	1.752E-10	41.225	8.245	1.847E-09
611	56.385	11.277	4.725E-09	-4.519	0.000	0.000E+00	14.149	2.830	7.466E-11	34.803	6.961	1.111E-09	62.027	12.405	6.290E-09	17.760	3.552	1.476E-10	16.312	3.262	1.144E-10
612	25.857	5.171	4.556E-10	19.330	3.866	1.904E-10	25.248	5.050	4.242E-10	58.201	11.640	5.196E-09	10.640	2.128	3.175E-11	9.000	1.800	1.921E-11	17.427	3.485	1.395E-10
613	87.993	17.599	1.796E-08	14.263	2.853	7.647E-11	7.660	1.532	1.185E-11	31.436	6.287	8.188E-10	15.406	3.081	9.638E-11	-7.735	0.000	0.000E+00	16.466	3.293	1.177E-10
614	20.254	4.051	2.190E-10	29.499	5.900	6.766E-10	20.913	4.183	2.411E-10	8.266	1.653	1.488E-11	8.836	1.767	1.818E-11	24.331	4.866	3.797E-10	33.533	6.707	9.938E-10
615	28.401	5.680	6.038E-10	-20.156	0.000	0.000E+00	24.590	4.918	3.919E-10	7.758	1.552	1.231E-11	39.384	7.877	1.610E-09	6.912	1.382	8.705E-12	37.739	7.548	1.417E-09
616	26.013	5.203	4.639E-10	21.395	4.279	2.581E-10	13.439	2.688	6.397E-11	-11.629	0.000	0.000E+00	5.679	1.136	4.827E-12	9.746	1.949	2.440E-11	24.589	4.918	3.918E-10
617	16.925	3.385	1.278E-10	55.481	11.096	4.501E-09	12.376	2.475	4.997E-11	16.740	3.348	1.236E-10	12.434	2.487	5.066E-11	13.491	2.698	6.472E-11	12.150	2.430	4.727E-11
618	19.007	3.801	1.810E-10	21.352	4.270	2.566E-10	35.063	7.013	1.136E-09	66.413	13.283	7.721E-09	46.437	9.287	2.639E-09	26.115	5.223	4.694E-10	13.689	2.738	6.761E-11
619	11.674	2.335	4.193E-11	7.064	1.413	9.289E-12	55.628	11.126	4.537E-09	25.506	5.101	4.373E-10	-9.806	0.000	0.000E+00	13.955	2.791	7.162E-11	14.867	2.973	8.660E-11
620	7.829	1.566	1.265E-11	77.971	15.594	1.249E-08	16.830	3.366	1.257E-10	11.198	2.240	3.701E-11	19.634	3.927	1.995E-10	44.218	8.844	2.279E-09	24.590	4.918	3.919E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
621	34.138	6.828	1.049E-09	4.487	0.897	2.381E-12	24.980	4.996	4.108E-10	-11.862	0.000	0.000E+00	8.328	1.666	1.522E-11	28.023	5.605	5.800E-10	17.697	3.539	1.461E-10
622	13.940	2.788	7.140E-11	12.176	2.435	4.758E-11	20.188	4.038	2.168E-10	13.587	2.717	6.611E-11	17.928	3.586	1.519E-10	16.683	3.337	1.224E-10	17.065	3.413	1.310E-10
623	35.783	7.157	1.208E-09	12.692	2.538	5.389E-11	18.011	3.602	1.540E-10	15.669	3.134	1.014E-10	4.153	0.831	1.888E-12	25.880	5.176	4.569E-10	13.218	2.644	6.087E-11
624	25.815	5.163	4.534E-10	3.427	0.685	1.061E-12	18.951	3.790	1.794E-10	48.998	9.800	3.100E-09	11.612	2.322	4.126E-11	-20.829	0.000	0.000E+00	45.044	9.009	2.409E-09
625	9.388	1.878	2.181E-11	22.359	4.472	2.946E-10	18.860	3.772	1.768E-10	28.277	5.655	5.959E-10	-10.208	0.000	0.000E+00	14.057	2.811	7.320E-11	29.117	5.823	6.506E-10
626	21.846	4.369	2.748E-10	15.757	3.151	1.031E-10	15.780	3.156	1.036E-10	-19.267	0.000	0.000E+00	19.218	3.844	1.871E-10	32.118	6.424	8.733E-10	20.420	4.084	2.244E-10
627	13.474	2.695	6.447E-11	11.061	2.212	3.567E-11	13.524	2.705	6.519E-11	30.032	6.006	7.139E-10	35.289	7.058	1.158E-09	25.915	5.183	4.587E-10	33.231	6.646	9.672E-10
628	19.307	3.861	1.897E-10	-14.619	0.000	0.000E+00	28.085	5.617	5.839E-10	20.492	4.098	2.268E-10	25.543	5.109	4.393E-10	8.452	1.690	1.591E-11	29.599	5.920	6.834E-10
629	15.433	3.087	9.687E-11	15.746	3.149	1.029E-10	17.500	3.500	1.413E-10	75.683	15.137	1.143E-08	22.655	4.531	3.065E-10	34.025	6.805	1.038E-09	16.442	3.288	1.171E-10
630	28.261	5.652	5.949E-10	-11.507	0.000	0.000E+00	16.537	3.307	1.192E-10	11.986	2.397	4.538E-11	19.835	3.967	2.057E-10	-10.992	0.000	0.000E+00	32.399	6.480	8.963E-10
631	16.479	3.296	1.179E-10	-18.648	0.000	0.000E+00	18.938	3.788	1.790E-10	38.000	7.600	1.446E-09	-23.614	0.000	0.000E+00	-9.045	0.000	0.000E+00	19.120	3.824	1.842E-10
632	16.355	3.271	1.153E-10	12.002	2.400	4.557E-11	33.866	6.773	1.024E-09	13.010	2.602	5.804E-11	9.613	1.923	2.341E-11	26.261	5.252	4.774E-10	18.684	3.737	1.719E-10
633	27.016	5.403	5.197E-10	17.123	3.425	1.323E-10	6.266	1.253	6.486E-12	63.119	12.624	6.628E-09	39.452	7.890	1.618E-09	22.293	4.459	2.920E-10	23.335	4.667	3.349E-10
634	-8.383	0.000	0.000E+00	17.689	3.538	1.459E-10	31.345	6.269	8.117E-10	15.489	3.098	9.794E-11	-8.009	0.000	0.000E+00	17.005	3.401	1.296E-10	12.192	2.438	4.776E-11
635	-8.686	0.000	0.000E+00	16.295	3.259	1.140E-10	29.401	5.880	6.699E-10	21.441	4.288	2.598E-10	34.332	6.866	1.067E-09	7.718	1.544	1.212E-11	-9.025	0.000	0.000E+00
636	14.352	2.870	7.791E-11	10.258	2.052	2.845E-11	11.902	2.380	4.444E-11	35.193	7.039	1.149E-09	20.304	4.061	2.206E-10	-9.638	0.000	0.000E+00	27.088	5.418	5.239E-10
637	50.550	10.110	3.405E-09	26.132	5.226	4.703E-10	21.651	4.330	2.675E-10	19.633	3.927	1.994E-10	-18.299	0.000	0.000E+00	16.396	3.279	1.162E-10	22.910	4.582	3.170E-10
638	-52.008	0.000	0.000E+00	14.940	2.988	8.788E-11	25.648	5.130	4.447E-10	-20.697	0.000	0.000E+00	7.945	1.589	1.322E-11	22.491	4.498	2.999E-10	10.065	2.013	2.688E-11
639	5.199	1.040	3.703E-12	18.961	3.792	1.797E-10	15.324	3.065	9.484E-11	71.522	14.304	9.643E-09	12.979	2.596	5.763E-11	16.092	3.218	1.098E-10	15.663	3.133	1.013E-10
640	-9.574	0.000	0.000E+00	14.029	2.806	7.277E-11	13.952	2.790	7.158E-11	4.141	0.828	1.871E-12	8.645	1.729	1.703E-11	17.490	3.498	1.410E-10	37.795	7.559	1.423E-09
641	5.759	1.152	5.035E-12	12.913	2.583	5.676E-11	17.049	3.410	1.306E-10	26.826	5.365	5.088E-10	15.020	3.004	8.931E-11	24.218	4.844	3.744E-10	17.422	3.484	1.394E-10
642	11.000	2.200	3.508E-11	76.820	15.364	1.195E-08	61.014	12.203	5.986E-09	43.177	8.635	2.122E-09	22.979	4.596	3.198E-10	31.838	6.368	8.506E-10	29.069	5.814	6.474E-10
643	39.409	7.882	1.613E-09	21.869	4.374	2.756E-10	-29.772	0.000	0.000E+00	16.661	3.332	1.219E-10	55.915	11.183	4.608E-09	6.867	1.373	8.533E-12	38.749	7.750	1.533E-09
644	10.967	2.193	3.476E-11	14.653	2.931	8.292E-11	-9.448	0.000	0.000E+00	22.323	4.465	2.932E-10	9.908	1.982	2.563E-11	17.546	3.509	1.424E-10	-9.850	0.000	0.000E+00
645	35.098	7.020	1.140E-09	18.112	3.622	1.566E-10	67.097	13.419	7.962E-09	22.692	4.538	3.080E-10	9.219	1.844	2.065E-11	43.330	8.666	2.144E-09	10.761	2.152	3.285E-11
646	17.321	3.464	1.370E-10	7.619	1.524	1.166E-11	15.924	3.185	1.064E-10	-8.850	0.000	0.000E+00	19.040	3.808	1.819E-10	15.221	3.044	9.294E-11	34.669	6.934	1.098E-09
647	13.821	2.764	6.958E-11	5.434	1.087	4.228E-12	41.754	8.351	1.919E-09	-15.601	0.000	0.000E+00	37.402	7.480	1.379E-09	13.649	2.730	6.703E-11	6.519	1.304	7.303E-12
648	14.897	2.979	8.714E-11	14.829	2.966	8.595E-11	64.784	12.957	7.166E-09	-7.191	0.000	0.000E+00	56.701	11.340	4.805E-09	50.262	10.052	3.347E-09	24.684	4.937	3.964E-10
649	29.192	5.838	6.556E-10	13.064	2.613	5.877E-11	14.643	2.929	8.276E-11	16.451	3.290	1.173E-10	45.817	9.163	2.535E-09	16.151	3.230	1.110E-10	13.931	2.786	7.125E-11
650	24.666	4.933	3.955E-10	26.995	5.399	5.185E-10	-9.296	0.000	0.000E+00	30.645	6.129	7.585E-10	14.244	2.849	7.617E-11	75.195	15.039	1.121E-08	17.682	3.536	1.457E-10
651	11.476	2.295	3.983E-11	20.271	4.054	2.195E-10	5.642	1.128	4.734E-12	22.882	4.576	3.158E-10	14.349	2.870	7.787E-11	21.738	4.348	2.707E-10	74.389	14.878	1.085E-08
652	16.442	3.288	1.171E-10	29.420	5.884	6.711E-10	71.703	14.341	9.716E-09	59.321	11.864	5.502E-09	10.132	2.026	2.742E-11	20.975	4.195	2.432E-10	8.832	1.766	1.816E-11
653	15.952	3.190	1.070E-10	10.329	2.066	2.904E-11	18.493	3.699	1.667E-10	10.937	2.187	3.448E-11	12.771	2.554	5.490E-11	31.106	6.221	7.933E-10	7.801	1.560	1.251E-11
654	16.095	3.219	1.099E-10	40.825	8.165	1.793E-09	-21.028	0.000	0.000E+00	-14.569	0.000	0.000E+00	19.701	3.940	2.015E-10	74.831	14.966	1.104E-08	13.269	2.654	6.157E-11
655	36.734	7.347	1.307E-09	31.780	6.356	8.460E-10	22.946	4.589	3.184E-10	32.097	6.419	8.716E-10	40.334	8.067	1.729E-09	8.886	1.777	1.849E-11	18.733	3.747	1.733E-10
656	-13.400	0.000	0.000E+00	9.727	1.945	2.425E-11	6.069	1.214	5.892E-12	19.343	3.869	1.907E-10	16.317	3.263	1.145E-10	13.735	2.747	6.829E-11	-16.657	0.000	0.000E+00
657	4.567	0.913	2.510E-12	8.450	1.690	1.590E-11	15.684	3.137	1.017E-10	18.325	3.665	1.622E-10	-10.679	0.000	0.000E+00	13.773	2.755	6.886E-11	-14.778	0.000	0.000E+00
658	14.944	2.989	8.797E-11	30.062	6.012	7.161E-10	22.128	4.426	2.856E-10	15.611	3.122	1.003E-10	37.986	7.597	1.445E-09	16.407	3.281	1.164E-10	13.059	2.612	5.870E-11
659	14.192	2.838	7.534E-11	30.976	6.195	7.834E-10	18.224	3.645	1.595E-10	36.723	7.345	1.305E-09	34.358	6.872	1.069E-09	21.155	4.231	2.496E-10	11.561	2.312	4.073E-11
660	15.401	3.080	9.628E-11	21.652	4.330	2.675E-10	18.623	3.725	1.702E-10	-12.727	0.000	0.000E+00	38.923	7.785	1.554E-09	9.174	1.835	2.035E-11	11.257	2.251	3.760E-11
661	15.231	3.046	9.312E-11	27.334	5.467	5.383E-10	17.826	3.565	1.493E-10	65.310	13.062	7.342E-09	42.584	8.517	2.035E-09	10.882	2.176	3.397E-11	35.178	7.036	1.147E-09
662	6.257	1.251	6.455E-12	36.237	7.247	1.254E-09	31.526	6.305	8.258E-10	-9.750	0.000	0.000E+00	13.283	2.657	6.177E-11	19.570	3.914	1.975E-10	19.538	3.908	1.966E-10
663	28.351	5.670	6.006E-10	10.882	2.176	3.397E-11	17.146	3.429	1.328E-10	18.936	3.787	1.790E-10	128.128	25.626	5.544E-08	22.106	4.421	2.847E-10	11.043	2.209	3.549E-11
664	10.370	2.074	2.939E-11	15.935	3.187	1.066E-10	16.818	3.364	1.254E-10	2.883	0.577	6.318E-13	33.984	6.797	1.034E-09	10.403	2.081	2.967E-11	15.094	3.019	9.064E-11
665	14.140	2.828	7.451E-11	23.955	4.791	3.623E-10	21.814	4.363	2.736E-10	62.467	12.493	6.424E-09	20.040	4.008	2.121E-10	15.385	3.077	9.599E-11	35.222	7.044	1.152E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
666	16.914	3.383	1.275E-10	8.148	1.630	1.426E-11	25.296	5.059	4.266E-10	119.691	23.938	4.519E-08	15.936	3.187	1.067E-10	10.960	2.192	3.470E-11	37.174	7.435	1.354E-09
667	15.836	3.167	1.047E-10	37.053	7.411	1.341E-09	9.836	1.967	2.508E-11	16.687	3.337	1.225E-10	13.681	2.736	6.750E-11	15.364	3.073	9.560E-11	8.508	1.702	1.623E-11
668	47.557	9.511	2.835E-09	9.841	1.968	2.512E-11	33.731	6.746	1.012E-09	7.836	1.567	1.268E-11	23.757	4.751	3.534E-10	13.251	2.650	6.133E-11	24.074	4.815	3.677E-10
669	14.290	2.858	7.691E-11	12.776	2.555	5.496E-11	-11.072	0.000	0.000E+00	69.108	13.822	8.699E-09	14.354	2.871	7.795E-11	16.146	3.229	1.109E-10	37.646	7.529	1.406E-09
670	14.422	2.884	7.906E-11	18.188	3.638	1.586E-10	59.348	11.870	5.509E-09	33.645	6.729	1.004E-09	6.075	1.215	5.909E-12	40.759	8.152	1.785E-09	17.550	3.510	1.425E-10
671	11.668	2.334	4.187E-11	35.242	7.048	1.154E-09	38.373	7.675	1.489E-09	21.522	4.304	2.627E-10	16.379	3.276	1.158E-10	35.048	7.010	1.135E-09	42.459	8.492	2.017E-09
672	13.473	2.695	6.446E-11	15.741	3.148	1.028E-10	21.673	4.335	2.683E-10	19.311	3.862	1.898E-10	3.513	0.703	1.143E-12	14.566	2.913	8.145E-11	16.243	3.249	1.130E-10
673	17.514	3.503	1.416E-10	8.643	1.729	1.701E-11	21.609	4.322	2.660E-10	29.960	5.992	7.088E-10	54.167	10.833	4.189E-09	10.886	2.177	3.400E-11	29.931	5.986	7.068E-10
674	20.370	4.074	2.228E-10	30.117	6.023	7.200E-10	10.048	2.010	2.674E-11	17.557	3.511	1.426E-10	9.232	1.846	2.074E-11	23.254	4.651	3.314E-10	19.044	3.809	1.820E-10
675	-5.218	0.000	0.000E+00	14.303	2.861	7.712E-11	17.315	3.463	1.368E-10	22.862	4.572	3.149E-10	31.583	6.317	8.304E-10	72.987	14.597	1.025E-08	37.553	7.511	1.396E-09
676	27.716	5.543	5.612E-10	25.083	5.017	4.159E-10	14.382	2.876	7.841E-11	19.964	3.993	2.097E-10	25.698	5.140	4.473E-10	11.294	2.259	3.797E-11	39.826	7.965	1.665E-09
677	57.127	11.425	4.914E-09	14.514	2.903	8.058E-11	19.692	3.938	2.012E-10	-30.483	0.000	0.000E+00	11.929	2.386	4.474E-11	20.048	4.010	2.124E-10	21.975	4.395	2.797E-10
678	17.314	3.463	1.368E-10	4.571	0.914	2.517E-12	41.445	8.289	1.876E-09	3.810	0.762	1.458E-12	11.046	2.209	3.552E-11	-8.769	0.000	0.000E+00	27.616	5.523	5.551E-10
679	41.188	8.238	1.842E-09	17.923	3.585	1.518E-10	56.261	11.252	4.694E-09	8.779	1.756	1.783E-11	15.341	3.068	9.516E-11	16.576	3.315	1.201E-10	-7.677	0.000	0.000E+00
680	11.180	2.236	3.683E-11	14.647	2.929	8.282E-11	10.504	2.101	3.054E-11	14.441	2.888	7.938E-11	30.329	6.066	7.353E-10	16.735	3.347	1.235E-10	34.531	6.906	1.085E-09
681	13.485	2.697	6.463E-11	10.314	2.063	2.892E-11	43.946	8.789	2.237E-09	-7.407	0.000	0.000E+00	14.468	2.894	7.981E-11	14.704	2.941	8.380E-11	21.105	4.221	2.478E-10
682	17.716	3.543	1.465E-10	-14.320	0.000	0.000E+00	13.507	2.701	6.494E-11	16.831	3.366	1.257E-10	38.581	7.716	1.514E-09	17.812	3.562	1.490E-10	12.233	2.447	4.825E-11
683	23.211	4.642	3.296E-10	20.855	4.171	2.391E-10	19.948	3.990	2.092E-10	28.813	5.763	6.304E-10	43.534	8.707	2.175E-09	-27.137	0.000	0.000E+00	12.559	2.512	5.221E-11
684	12.048	2.410	4.610E-11	11.151	2.230	3.655E-11	17.941	3.588	1.522E-10	16.264	3.253	1.134E-10	64.093	12.819	6.939E-09	14.032	2.806	7.283E-11	98.039	19.608	2.484E-08
685	49.700	9.940	3.236E-09	14.454	2.891	7.959E-11	8.115	1.623	1.409E-11	19.365	3.873	1.914E-10	11.497	2.299	4.006E-11	12.467	2.493	5.107E-11	11.444	2.289	3.950E-11
686	15.925	3.185	1.064E-10	4.504	0.901	2.408E-12	19.020	3.804	1.813E-10	24.498	4.900	3.875E-10	28.331	5.666	5.993E-10	11.676	2.335	4.196E-11	15.394	3.079	9.615E-11
687	20.082	4.016	2.135E-10	14.138	2.828	7.448E-11	-21.476	0.000	0.000E+00	12.138	2.428	4.714E-11	9.004	1.801	1.924E-11	-13.330	0.000	0.000E+00	15.351	3.070	9.535E-11
688	19.278	3.856	1.888E-10	8.752	1.750	1.767E-11	19.204	3.841	1.867E-10	-11.725	0.000	0.000E+00	12.674	2.535	5.366E-11	23.526	4.705	3.432E-10	21.913	4.383	2.773E-10
689	14.950	2.990	8.807E-11	-8.439	0.000	0.000E+00	46.163	9.233	2.593E-09	21.430	4.286	2.594E-10	18.151	3.630	1.576E-10	8.166	1.633	1.435E-11	16.580	3.316	1.201E-10
690	20.472	4.094	2.261E-10	-9.981	0.000	0.000E+00	18.085	3.617	1.559E-10	41.171	8.234	1.839E-09	35.696	7.139	1.199E-09	13.425	2.685	6.377E-11	18.251	3.650	1.602E-10
691	20.501	4.100	2.271E-10	21.361	4.272	2.569E-10	-5.055	0.000	0.000E+00	36.859	7.372	1.320E-09	17.999	3.600	1.537E-10	16.790	3.358	1.247E-10	-15.349	0.000	0.000E+00
692	14.737	2.947	8.436E-11	15.242	3.048	9.332E-11	31.571	6.314	8.294E-10	10.591	2.118	3.131E-11	18.768	3.754	1.742E-10	14.985	2.997	8.869E-11	13.823	2.765	6.961E-11
693	-5.537	0.000	0.000E+00	16.349	3.270	1.152E-10	33.381	6.676	9.804E-10	29.442	5.888	6.727E-10	18.603	3.721	1.697E-10	10.354	2.071	2.926E-11	35.720	7.144	1.201E-09
694	37.687	7.537	1.411E-09	17.678	3.536	1.456E-10	-23.003	0.000	0.000E+00	13.089	2.618	5.910E-11	35.390	7.078	1.168E-09	15.427	3.085	9.677E-11	10.549	2.110	3.094E-11
695	-15.281	0.000	0.000E+00	14.514	2.903	8.058E-11	12.387	2.477	5.009E-11	22.327	4.465	2.933E-10	16.220	3.244	1.125E-10	-11.323	0.000	0.000E+00	33.551	6.710	9.954E-10
696	-9.338	0.000	0.000E+00	20.429	4.086	2.247E-10	16.546	3.309	1.194E-10	53.755	10.751	4.094E-09	19.809	3.962	2.049E-10	6.974	1.395	8.939E-12	36.899	7.380	1.324E-09
697	33.044	6.609	9.509E-10	20.662	4.132	2.325E-10	12.613	2.523	5.289E-11	15.224	3.045	9.300E-11	17.372	3.474	1.382E-10	27.325	5.465	5.377E-10	18.382	3.676	1.637E-10
698	17.537	3.507	1.422E-10	27.865	5.573	5.703E-10	17.484	3.497	1.409E-10	12.831	2.566	5.568E-11	25.762	5.152	4.507E-10	13.846	2.769	6.996E-11	31.705	6.341	8.400E-10
699	10.206	2.041	2.802E-11	14.808	2.962	8.558E-11	16.299	3.260	1.141E-10	11.941	2.388	4.488E-11	11.737	2.347	4.262E-11	25.498	5.100	4.369E-10	6.797	1.359	8.277E-12
700	14.040	2.808	7.295E-11	10.742	2.148	3.267E-11	11.888	2.378	4.428E-11	53.134	10.627	3.954E-09	8.219	1.644	1.464E-11	16.020	3.204	1.084E-10	13.206	2.641	6.071E-11
701	42.602	8.520	2.038E-09	17.103	3.421	1.319E-10	13.475	2.695	6.449E-11	14.573	2.915	8.158E-11	41.579	8.316	1.895E-09	33.919	6.784	1.029E-09	18.808	3.762	1.754E-10
702	12.746	2.549	5.457E-11	21.527	4.305	2.629E-10	18.877	3.775	1.773E-10	37.929	7.586	1.438E-09	9.660	1.932	2.376E-11	18.675	3.735	1.717E-10	40.716	8.143	1.779E-09
703	33.916	6.783	1.028E-09	18.758	3.752	1.740E-10	13.698	2.740	6.774E-11	8.054	1.611	1.377E-11	35.925	7.185	1.222E-09	22.938	4.588	3.181E-10	18.661	3.732	1.713E-10
704	21.620	4.324	2.663E-10	17.638	3.528	1.446E-10	20.384	4.077	2.232E-10	14.026	2.805	7.273E-11	15.899	3.180	1.059E-10	-20.064	0.000	0.000E+00	21.706	4.341	2.696E-10
705	-13.847	0.000	0.000E+00	37.177	7.435	1.354E-09	17.942	3.588	1.522E-10	20.406	4.081	2.240E-10	31.635	6.327	8.344E-10	18.294	3.659	1.614E-10	18.265	3.653	1.606E-10
706	21.664	4.333	2.680E-10	22.647	4.529	3.061E-10	16.343	3.269	1.151E-10	24.368	4.874	3.814E-10	15.545	3.109	9.901E-11	7.720	1.544	1.213E-11	66.713	13.343	7.826E-09
707	-7.273	0.000	0.000E+00	-15.880	0.000	0.000E+00	12.640	2.528	5.323E-11	12.829	2.566	5.565E-11	46.367	9.273	2.227E-09	7.218	1.444	9.913E-12	-23.305	0.000	0.000E+00
708	10.881	2.176	3.396E-11	35.390	7.078	1.168E-09	-14.311	0.000	0.000E+00	48.957	9.791	3.093E-09	13.448	2.690	6.410E-11	9.848	1.970	2.517E-11	19.205	3.841	1.867E-10
709	10.095	2.019	2.711E-11	-24.536	0.000	0.000E+00	13.624	2.725	6.665E-11	32.480	6.496	9.031E-10	31.008	6.202	7.858E-10	15.590	3.118	9.987E-11	-20.491	0.000	0.000E+00
710	14.213	2.843	7.567E-11	27.026	5.405	5.203E-10	16.334	3.267	1.149E-10	61.927	12.385	6.259E-09	11.817	2.363	4.350E-11	18.909	3.782	1.782E-10	32.334	6.467	8.910E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
711	18.151	3.630	1.576E-10	5.865	1.173	5.318E-12	23.859	4.772	3.580E-10	73.652	14.730	1.053E-08	20.064	4.013	2.129E-10	8.974	1.795	1.905E-11	18.135	3.627	1.572E-10
712	18.353	3.671	1.629E-10	10.702	2.140	3.231E-11	32.703	6.541	9.218E-10	56.209	11.242	4.681E-09	4.453	0.891	2.327E-12	46.222	9.244	2.603E-09	18.665	3.733	1.714E-10
713	21.869	4.374	2.757E-10	-9.156	0.000	0.000E+00	11.193	2.239	3.696E-11	15.389	3.078	9.605E-11	48.231	9.646	2.957E-09	8.657	1.731	1.710E-11	37.691	7.538	1.411E-09
714	30.680	6.136	7.611E-10	35.352	7.070	1.164E-09	26.336	5.267	4.815E-10	13.803	2.761	6.931E-11	19.083	3.817	1.832E-10	19.119	3.824	1.842E-10	-14.369	0.000	0.000E+00
715	22.098	4.420	2.844E-10	14.110	2.822	7.404E-11	11.538	2.308	4.049E-11	29.264	5.853	6.605E-10	38.969	7.794	1.560E-09	11.914	2.383	4.457E-11	36.715	7.343	1.304E-09
716	-9.571	0.000	0.000E+00	32.999	6.600	9.471E-10	14.755	2.951	8.467E-11	44.388	8.878	2.305E-09	22.648	4.530	3.062E-10	18.509	3.702	1.671E-10	-10.031	0.000	0.000E+00
717	-14.579	0.000	0.000E+00	13.245	2.649	6.124E-11	66.215	13.243	7.652E-09	-7.772	0.000	0.000E+00	28.247	5.649	5.940E-10	11.164	2.233	3.667E-11	14.043	2.809	7.298E-11
718	26.540	5.308	4.927E-10	21.646	4.329	2.673E-10	17.340	3.468	1.374E-10	28.744	5.749	6.259E-10	-7.475	0.000	0.000E+00	30.678	6.136	7.610E-10	12.112	2.422	4.683E-11
719	-16.459	0.000	0.000E+00	61.752	12.350	6.206E-09	9.630	1.926	2.354E-11	30.504	6.101	7.481E-10	11.121	2.224	3.626E-11	34.766	6.953	1.108E-09	12.501	2.500	5.149E-11
720	9.955	1.991	2.600E-11	18.182	3.636	1.584E-10	26.681	5.336	5.006E-10	68.999	13.800	8.658E-09	11.796	2.359	4.326E-11	14.302	2.860	7.710E-11	32.648	6.530	9.172E-10
721	34.655	6.931	1.097E-09	10.971	2.194	3.480E-11	-8.212	0.000	0.000E+00	17.287	3.457	1.362E-10	39.501	7.900	1.624E-09	13.285	2.657	6.179E-11	7.207	1.441	9.866E-12
722	16.851	3.370	1.261E-10	18.495	3.699	1.668E-10	17.704	3.541	1.463E-10	17.470	3.494	1.405E-10	12.681	2.536	5.375E-11	41.466	8.293	1.879E-09	17.326	3.465	1.371E-10
723	13.786	2.757	6.906E-11	8.351	1.670	1.535E-11	21.387	4.277	2.578E-10	-27.946	0.000	0.000E+00	10.064	2.013	2.687E-11	38.228	7.646	1.472E-09	10.355	2.071	2.927E-11
724	15.651	3.130	1.010E-10	9.176	1.835	2.036E-11	19.388	3.878	1.921E-10	37.718	7.544	1.414E-09	36.384	7.277	1.269E-09	42.669	8.534	2.048E-09	21.709	4.342	2.696E-10
725	40.855	8.171	1.797E-09	27.782	5.556	5.652E-10	9.081	1.816	1.974E-11	10.820	2.164	3.338E-11	48.555	9.711	3.017E-09	9.924	1.985	2.576E-11	-5.410	0.000	0.000E+00
726	12.327	2.465	4.937E-11	-20.225	0.000	0.000E+00	34.990	6.998	1.129E-09	37.346	7.469	1.373E-09	-4.675	0.000	0.000E+00	37.619	7.524	1.403E-09	6.274	1.255	6.508E-12
727	14.972	2.994	8.845E-11	20.772	4.154	2.362E-10	14.120	2.824	7.419E-11	63.590	12.718	6.777E-09	7.974	1.595	1.336E-11	21.064	4.213	2.463E-10	17.411	3.482	1.391E-10
728	30.538	6.108	7.506E-10	10.568	2.114	3.110E-11	22.749	4.550	3.103E-10	11.066	2.213	3.572E-11	10.930	2.186	3.442E-11	30.262	6.052	7.305E-10	13.708	2.742	6.790E-11
729	-10.024	0.000	0.000E+00	13.933	2.787	7.129E-11	11.236	2.247	3.738E-11	73.194	14.639	1.034E-08	10.084	2.017	2.703E-11	13.714	2.743	6.798E-11	18.143	3.629	1.574E-10
730	11.877	2.375	4.416E-11	17.838	3.568	1.496E-10	13.382	2.676	6.317E-11	10.934	2.187	3.445E-11	19.210	3.842	1.868E-10	11.276	2.255	3.778E-11	19.293	3.859	1.893E-10
731	15.605	3.121	1.002E-10	18.758	3.752	1.740E-10	14.615	2.923	8.228E-11	-10.115	0.000	0.000E+00	42.746	8.549	2.059E-09	13.485	2.697	6.463E-11	8.100	1.620	1.401E-11
732	42.574	8.515	2.034E-09	20.165	4.033	2.161E-10	14.184	2.837	7.522E-11	49.783	9.957	3.252E-09	52.821	10.564	3.884E-09	15.178	3.036	9.215E-11	38.168	7.634	1.465E-09
733	8.570	1.714	1.659E-11	9.220	1.844	2.066E-11	39.414	7.883	1.614E-09	46.853	9.371	2.711E-09	12.665	2.533	5.355E-11	12.748	2.550	5.461E-11	22.715	4.543	3.089E-10
734	12.911	2.582	5.672E-11	15.569	3.114	9.946E-11	15.469	3.094	9.755E-11	-5.568	0.000	0.000E+00	16.144	3.229	1.109E-10	24.270	4.854	3.768E-10	-6.193	0.000	0.000E+00
735	35.621	7.124	1.191E-09	10.723	2.145	3.249E-11	34.797	6.959	1.110E-09	22.235	4.447	2.898E-10	36.889	7.378	1.323E-09	39.945	7.989	1.680E-09	9.217	1.843	2.064E-11
736	10.039	2.008	2.666E-11	36.975	7.395	1.332E-09	19.496	3.899	1.953E-10	42.481	8.496	2.021E-09	15.696	3.139	1.019E-10	35.003	7.001	1.130E-09	14.352	2.870	7.791E-11
737	-8.736	0.000	0.000E+00	14.276	2.855	7.669E-11	14.237	2.847	7.606E-11	-38.116	0.000	0.000E+00	12.635	2.527	5.316E-11	19.812	3.962	2.049E-10	21.071	4.214	2.466E-10
738	-11.009	0.000	0.000E+00	-18.717	0.000	0.000E+00	14.051	2.810	7.312E-11	46.840	9.368	2.709E-09	10.755	2.151	3.279E-11	13.124	2.625	5.958E-11	15.018	3.004	8.928E-11
739	18.114	3.623	1.566E-10	18.684	3.737	1.719E-10	15.690	3.138	1.018E-10	14.013	2.803	7.252E-11	15.904	3.181	1.060E-10	19.484	3.897	1.950E-10	15.974	3.195	1.074E-10
740	16.935	3.387	1.280E-10	12.165	2.433	4.745E-11	-6.319	0.000	0.000E+00	33.031	6.606	9.498E-10	45.211	9.042	2.436E-09	24.434	4.887	3.845E-10	17.136	3.427	1.326E-10
741	13.372	2.674	6.302E-11	17.755	3.551	1.475E-10	19.784	3.957	2.041E-10	24.402	4.880	3.830E-10	8.573	1.715	1.660E-11	20.567	4.113	2.293E-10	29.407	5.881	6.703E-10
742	13.638	2.728	6.686E-11	29.553	5.911	6.803E-10	17.380	3.476	1.384E-10	30.270	6.054	7.310E-10	26.557	5.311	4.936E-10	-9.701	0.000	0.000E+00	23.886	4.777	3.592E-10
743	16.527	3.305	1.190E-10	9.287	1.857	2.111E-11	-3.912	0.000	0.000E+00	57.904	11.581	5.117E-09	5.793	1.159	5.125E-12	20.155	4.031	2.158E-10	12.508	2.502	5.158E-11
744	14.971	2.994	8.843E-11	14.891	2.978	8.702E-11	15.891	3.178	1.058E-10	39.846	7.969	1.667E-09	12.625	2.525	5.304E-11	11.002	2.200	3.510E-11	30.932	6.186	7.800E-10
745	-7.028	0.000	0.000E+00	-26.127	0.000	0.000E+00	26.601	5.320	4.961E-10	17.335	3.467	1.373E-10	8.560	1.712	1.653E-11	13.009	2.602	5.802E-11	19.533	3.907	1.964E-10
746	25.737	5.147	4.493E-10	18.069	3.614	1.555E-10	12.733	2.547	5.441E-11	14.625	2.925	8.245E-11	33.706	6.741	1.009E-09	13.775	2.755	6.888E-11	-12.447	0.000	0.000E+00
747	17.383	3.477	1.385E-10	15.011	3.002	8.915E-11	22.313	4.463	2.928E-10	18.368	3.674	1.633E-10	55.744	11.149	4.565E-09	12.786	2.557	5.509E-11	14.391	2.878	7.856E-11
748	11.869	2.374	4.407E-11	12.610	2.522	5.284E-11	22.827	4.565	3.135E-10	50.154	10.031	3.325E-09	-23.155	0.000	0.000E+00	37.471	7.494	1.987E-09	21.019	4.204	2.448E-10
749	19.245	3.849	1.879E-10	11.855	2.371	4.391E-11	9.628	1.926	2.352E-11	42.082	8.416	1.964E-09	9.091	1.818	1.980E-11	-9.067	0.000	0.000E+00	5.575	1.115	4.567E-12
750	21.897	4.379	2.767E-10	8.922	1.784	1.872E-11	19.959	3.992	2.095E-10	68.925	13.785	8.630E-09	9.752	1.950	2.445E-11	46.231	9.246	2.604E-09	15.359	3.072	9.549E-11
751	29.290	5.858	6.623E-10	15.847	3.169	1.049E-10	15.710	3.142	1.022E-10	39.192	7.838	1.587E-09	35.830	7.166	1.212E-09	16.251	3.250	1.131E-10	-26.093	0.000	0.000E+00
752	-8.779	0.000	0.000E+00	11.779	2.356	4.307E-11	17.289	3.458	1.362E-10	67.025	13.405	7.936E-09	23.975	4.795	3.632E-10	28.140	5.628	5.937E-10	8.940	1.788	1.883E-11
753	24.423	4.885	3.840E-10	41.353	8.271	1.864E-09	10.138	2.028	2.746E-11	11.753	2.351	4.278E-11	26.388	5.278	4.843E-10	-8.933	0.000	0.000E+00	6.409	1.282	6.938E-12
754	7.905	1.581	1.302E-11	18.852	3.770	1.766E-10	16.142	3.228	1.109E-10	13.649	2.730	6.701E-11	11.714	2.343	4.236E-11	14.027	2.805	7.274E-11	18.239	3.648	1.599E-10
755	16.001	3.200	1.080E-10	9.856	1.971	2.523E-11	13.503	2.701	6.489E-11	-11.141	0.000	0.000E+00	40.467	8.093	1.747E-09	31.987	6.397	8.626E-10	16.836	3.367	1.258E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
756	40.614	8.123	1.766E-09	-4.668	0.000	0.000E+00	10.071	2.014	2.692E-11	31.584	6.317	8.304E-10	14.396	2.879	7.863E-11	48.636	9.727	3.032E-09	30.914	6.183	7.786E-10
757	37.379	7.476	1.376E-09	24.497	4.899	3.875E-10	6.224	1.245	6.353E-12	14.952	2.990	8.810E-11	42.031	8.406	1.957E-09	-8.632	0.000	0.000E+00	-4.936	0.000	0.000E+00
758	-5.924	0.000	0.000E+00	8.227	1.645	1.467E-11	10.979	2.196	3.488E-11	30.448	6.090	7.440E-10	10.195	2.039	2.793E-11	17.811	3.562	1.489E-10	42.842	8.568	2.073E-09
759	8.845	1.769	1.824E-11	16.281	3.256	1.137E-10	3.623	0.725	1.253E-12	26.563	5.313	4.940E-10	4.992	0.998	3.280E-12	-4.975	0.000	0.000E+00	11.637	2.327	4.153E-11
760	17.828	3.566	1.493E-10	12.285	2.457	4.887E-11	45.489	9.098	2.481E-09	27.285	5.457	5.354E-10	38.091	7.618	1.457E-09	-15.000	0.000	0.000E+00	10.319	2.064	2.896E-11
761	39.124	7.825	1.578E-09	39.533	7.907	1.628E-09	25.045	5.009	4.140E-10	18.554	3.711	1.684E-10	18.346	3.669	1.627E-10	15.095	3.019	9.066E-11	18.705	3.741	1.725E-10
762	25.452	5.090	4.346E-10	86.925	17.385	1.731E-08	12.640	2.528	5.323E-11	10.940	2.188	3.451E-11	15.106	3.021	9.085E-11	24.069	4.814	3.675E-10	-29.744	0.000	0.000E+00
763	-8.671	0.000	0.000E+00	36.372	7.274	1.268E-09	5.196	1.039	3.697E-12	50.326	10.065	3.359E-09	42.963	8.593	2.090E-09	39.714	7.943	1.651E-09	18.762	3.752	1.741E-10
764	14.845	2.969	8.622E-11	-20.863	0.000	0.000E+00	34.102	6.820	1.045E-09	20.007	4.001	2.111E-10	16.850	3.370	1.261E-10	37.397	7.479	1.379E-09	20.638	4.128	2.317E-10
765	12.780	2.556	5.502E-11	-20.309	0.000	0.000E+00	11.056	2.211	3.562E-11	25.916	5.183	4.588E-10	26.555	5.311	4.935E-10	22.896	4.579	3.164E-10	14.711	2.942	8.391E-11
766	12.833	2.567	5.571E-11	-12.867	0.000	0.000E+00	18.114	3.623	1.567E-10	32.398	6.480	8.963E-10	22.955	4.591	3.188E-10	13.882	2.776	7.051E-11	13.980	2.796	7.201E-11
767	10.752	2.150	3.276E-11	37.268	7.454	1.364E-09	37.244	7.449	1.362E-09	8.718	1.744	1.746E-11	22.315	4.463	2.929E-10	10.458	2.092	3.014E-11	33.826	6.765	1.020E-09
768	22.095	4.419	2.843E-10	17.906	3.581	1.513E-10	-16.655	0.000	0.000E+00	23.213	4.643	3.297E-10	22.817	4.563	3.131E-10	47.306	9.461	2.790E-09	15.592	3.118	9.991E-11
769	25.854	5.171	4.555E-10	12.780	2.556	5.501E-11	16.489	3.298	1.182E-10	10.747	2.149	3.271E-11	14.532	2.906	8.088E-11	45.039	9.008	2.408E-09	42.018	8.404	1.955E-09
770	14.405	2.881	7.878E-11	24.071	4.814	3.676E-10	13.128	2.626	5.963E-11	28.963	5.793	6.403E-10	23.993	4.799	3.640E-10	22.486	4.497	2.996E-10	15.580	3.116	9.967E-11
771	25.739	5.148	4.494E-10	14.246	2.849	7.620E-11	11.630	2.326	4.146E-11	30.765	6.153	7.675E-10	23.258	4.652	3.316E-10	23.222	4.644	3.301E-10	-10.114	0.000	0.000E+00
772	11.618	2.324	4.133E-11	16.882	3.376	1.268E-10	15.472	3.094	9.762E-11	22.131	4.426	2.857E-10	14.563	2.913	8.140E-11	42.568	8.514	2.033E-09	9.868	1.974	2.533E-11
773	37.826	7.565	1.426E-09	12.666	2.533	5.356E-11	11.722	2.344	4.245E-11	21.041	4.208	2.455E-10	29.951	5.990	7.082E-10	-32.463	0.000	0.000E+00	22.036	4.407	2.820E-10
774	18.890	3.778	1.777E-10	18.748	3.750	1.737E-10	10.558	2.112	3.102E-11	13.042	2.608	5.848E-11	7.776	1.555	1.239E-11	23.618	4.724	3.473E-10	21.823	4.365	2.739E-10
775	9.738	1.948	2.434E-11	12.681	2.536	5.374E-11	14.251	2.850	7.628E-11	-13.459	0.000	0.000E+00	47.727	9.545	2.865E-09	19.258	3.852	1.882E-10	9.957	1.991	2.602E-11
776	31.743	6.349	8.430E-10	11.916	2.383	4.460E-11	20.721	4.144	2.345E-10	31.414	6.283	8.171E-10	6.860	1.372	8.507E-12	14.312	2.862	7.726E-11	33.144	6.629	9.596E-10
777	20.921	4.184	2.414E-10	36.780	7.356	1.311E-09	-7.091	0.000	0.000E+00	36.604	7.321	1.293E-09	44.001	8.800	2.245E-09	-17.463	0.000	0.000E+00	20.771	4.154	2.362E-10
778	39.834	7.967	1.666E-09	13.837	2.767	6.982E-11	22.549	4.510	3.022E-10	29.070	5.814	6.475E-10	5.658	1.132	4.773E-12	39.400	7.880	1.612E-09	33.511	6.702	9.919E-10
779	19.555	3.911	1.971E-10	10.299	2.060	2.879E-11	-4.985	0.000	0.000E+00	16.881	3.376	1.268E-10	19.923	3.985	2.084E-10	32.188	6.438	8.789E-10	26.609	5.322	4.966E-10
780	40.556	8.111	1.758E-09	15.189	3.038	9.236E-11	15.512	3.102	9.838E-11	71.146	14.229	9.492E-09	57.155	11.431	4.921E-09	35.642	7.128	1.193E-09	18.296	3.659	1.614E-10
781	18.446	3.689	1.654E-10	24.433	4.887	3.845E-10	-22.381	0.000	0.000E+00	20.797	4.159	2.371E-10	15.076	3.015	9.031E-11	15.751	3.150	1.030E-10	8.265	1.653	1.488E-11
782	10.052	2.010	2.677E-11	11.814	2.363	4.346E-11	9.712	1.942	2.415E-11	19.686	3.937	2.011E-10	32.329	6.466	8.906E-10	-8.099	0.000	0.000E+00	-7.244	0.000	0.000E+00
783	25.464	5.093	4.352E-10	18.236	3.647	1.598E-10	29.364	5.873	6.673E-10	14.481	2.896	8.004E-11	26.054	5.211	4.661E-10	9.544	1.909	2.291E-11	-16.568	0.000	0.000E+00
784	14.849	2.970	8.629E-11	19.832	3.966	2.056E-10	-24.873	0.000	0.000E+00	24.958	4.992	4.098E-10	39.800	7.960	1.662E-09	34.925	6.985	1.123E-09	10.127	2.025	2.737E-11
785	37.685	7.537	1.411E-09	35.612	7.122	1.190E-09	-18.886	0.000	0.000E+00	67.174	13.435	7.989E-09	42.840	8.568	2.072E-09	14.711	2.942	8.391E-11	23.951	4.790	3.621E-10
786	33.794	6.759	1.017E-09	37.301	7.460	1.368E-09	35.994	7.199	1.229E-09	-15.206	0.000	0.000E+00	13.236	2.647	6.111E-11	-8.327	0.000	0.000E+00	37.011	7.402	1.336E-09
787	-13.798	0.000	0.000E+00	-56.927	0.000	0.000E+00	22.973	4.595	3.196E-10	88.573	17.715	1.831E-08	11.888	2.378	4.428E-11	53.795	10.759	4.103E-09	14.533	2.907	8.089E-11
788	13.292	2.658	6.189E-11	15.468	3.094	9.755E-11	14.483	2.897	8.007E-11	12.500	2.500	5.148E-11	17.246	3.449	1.352E-10	22.610	4.522	3.047E-10	-12.293	0.000	0.000E+00
789	18.619	3.724	1.701E-10	25.027	5.005	4.132E-10	33.890	6.778	1.026E-09	-7.639	0.000	0.000E+00	26.321	5.264	4.806E-10	30.948	6.190	7.812E-10	37.959	7.592	1.442E-09
790	40.318	8.064	1.727E-09	25.640	5.128	4.443E-10	-5.608	0.000	0.000E+00	-10.514	0.000	0.000E+00	19.365	3.873	1.914E-10	31.036	6.207	7.879E-10	32.674	6.535	9.194E-10
791	-15.664	0.000	0.000E+00	20.455	4.091	2.256E-10	24.032	4.806	3.658E-10	36.306	7.261	1.261E-09	37.765	7.553	1.420E-09	19.594	3.919	1.983E-10	13.665	2.733	6.726E-11
792	19.695	3.939	2.013E-10	25.495	5.099	4.368E-10	13.356	2.671	6.279E-11	105.977	21.195	3.137E-08	7.022	1.404	9.128E-12	40.689	8.138	1.775E-09	19.876	3.975	2.069E-10
793	52.122	10.424	3.732E-09	12.174	2.435	4.755E-11	28.598	5.720	6.164E-10	14.849	2.970	8.630E-11	21.566	4.313	2.644E-10	69.466	13.893	8.835E-09	15.467	3.093	9.753E-11
794	13.706	2.741	6.786E-11	10.992	2.198	3.500E-11	69.806	13.961	8.965E-09	11.670	2.334	4.189E-11	29.344	5.869	6.659E-10	18.417	3.683	1.646E-10	16.325	3.265	1.147E-10
795	118.413	23.683	4.376E-08	20.607	4.121	2.306E-10	-36.456	0.000	0.000E+00	126.416	25.283	5.325E-08	-18.562	0.000	0.000E+00	28.863	5.773	6.338E-10	20.679	4.136	2.331E-10
796	25.705	5.141	4.476E-10	33.621	6.724	1.002E-09	42.142	8.428	1.973E-09	19.101	3.820	1.837E-10	21.198	4.240	2.511E-10	71.990	14.398	9.833E-09	21.619	4.324	2.663E-10
797	8.214	1.643	1.460E-11	16.913	3.383	1.275E-10	41.746	8.349	1.918E-09	13.428	2.686	6.381E-11	14.546	2.909	8.112E-11	19.237	3.847	1.876E-10	12.889	2.578	5.644E-11
798	32.874	6.575	9.363E-10	5.873	1.175	5.338E-12	44.385	8.877	2.305E-09	9.598	1.920	2.330E-11	20.589	4.118	2.300E-10	8.253	1.651	1.481E-11	29.577	5.915	6.819E-10
799	33.628	6.726	1.002E-09	14.622	2.924	8.240E-11	-5.673	0.000	0.000E+00	20.297	4.059	2.204E-10	44.824	8.965	2.374E-09	-9.606	0.000	0.000E+00	6.890	1.378	8.621E-12
800	12.235	2.447	4.827E-11	-11.620	0.000	0.000E+00	15.736	3.147	1.027E-10	14.544	2.909	8.109E-11	34.008	6.802	1.037E-10	15.324	3.065	9.484E-11	-9.705	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
801	9.687	1.937	2.396E-11	18.226	3.645	1.596E-10	-9.625	0.000	0.000E+00	95.280	19.056	2.280E-08	49.731	9.946	3.242E-09	93.586	18.717	2.160E-08	21.565	4.313	2.643E-10
802	9.464	1.893	2.234E-11	67.218	13.444	8.005E-09	11.816	2.363	4.349E-11	25.707	5.141	4.477E-10	51.973	10.395	3.700E-09	11.471	2.294	3.978E-11	10.574	2.115	3.116E-11
803	47.908	9.582	2.898E-09	35.976	7.195	1.227E-09	9.479	1.896	2.245E-11	41.134	8.227	1.834E-09	15.949	3.190	1.069E-10	-14.433	0.000	0.000E+00	15.154	3.031	9.172E-11
804	12.687	2.537	5.383E-11	34.995	6.999	1.130E-09	36.831	7.366	1.317E-09	35.719	7.144	1.201E-09	34.944	6.989	1.125E-09	13.850	2.770	7.003E-11	27.081	5.416	5.235E-10
805	31.504	6.301	8.241E-10	39.354	7.871	1.606E-09	40.558	8.112	1.758E-09	8.601	1.720	1.677E-11	19.505	3.901	1.956E-10	13.388	2.678	6.325E-11	20.780	4.156	2.365E-10
806	17.261	3.452	1.355E-10	-9.948	0.000	0.000E+00	30.749	6.150	7.662E-10	16.641	3.328	1.215E-10	23.236	4.647	3.307E-10	30.526	6.105	7.498E-10	29.818	5.964	6.988E-10
807	46.949	9.390	2.728E-09	17.568	3.514	1.429E-10	51.241	10.248	3.546E-09	20.950	4.190	2.423E-10	16.265	3.253	1.134E-10	-8.179	0.000	0.000E+00	-21.013	0.000	0.000E+00
808	21.380	4.276	2.576E-10	22.377	4.475	2.953E-10	38.084	7.617	1.456E-09	15.843	3.169	1.048E-10	39.696	7.939	1.649E-09	34.505	6.901	1.083E-09	13.061	2.612	5.873E-11
809	36.762	7.352	1.309E-09	-13.209	0.000	0.000E+00	22.517	4.503	3.009E-10	9.880	1.976	2.542E-11	32.581	6.516	9.115E-10	42.516	8.503	2.026E-09	5.408	1.082	4.169E-12
810	23.802	4.760	3.554E-10	15.497	3.099	9.809E-11	26.546	5.309	4.931E-10	32.552	6.510	9.091E-10	35.625	7.125	1.192E-09	16.657	3.331	1.218E-10	15.324	3.065	9.484E-11
811	9.790	1.958	2.473E-11	12.669	2.534	5.359E-11	33.697	6.739	1.008E-09	28.373	5.675	6.020E-10	8.645	1.729	1.703E-11	47.676	9.535	2.856E-09	-16.208	0.000	0.000E+00
812	13.416	2.683	6.365E-11	31.902	6.380	8.557E-10	22.406	4.481	2.965E-10	87.278	17.456	1.752E-08	53.115	10.623	3.950E-09	17.398	3.480	1.388E-10	-10.994	0.000	0.000E+00
813	-23.680	0.000	0.000E+00	13.708	2.742	6.789E-11	21.101	4.220	2.476E-10	9.314	1.863	2.130E-11	11.305	2.261	3.808E-11	20.053	4.011	2.125E-10	19.209	3.842	1.868E-10
814	14.305	2.861	7.716E-11	20.250	4.050	2.189E-10	-5.363	0.000	0.000E+00	60.601	12.120	5.866E-09	12.517	2.503	5.169E-11	5.512	1.102	4.414E-12	42.659	8.532	2.046E-09
815	18.570	3.714	1.688E-10	27.994	5.599	5.782E-10	21.829	4.366	2.742E-10	14.226	2.845	7.588E-11	58.260	11.652	5.212E-09	14.834	2.967	8.604E-11	10.558	2.112	3.102E-11
816	18.701	3.740	1.724E-10	14.043	2.809	7.298E-11	14.254	2.851	7.634E-11	16.906	3.381	1.273E-10	26.977	5.395	5.175E-10	21.979	4.396	2.799E-10	24.972	4.994	4.104E-10
817	37.453	7.491	1.385E-09	63.299	12.660	6.685E-09	8.366	1.673	1.543E-11	23.898	4.780	3.597E-10	196.511	39.302	2.000E-07	-31.464	0.000	0.000E+00	-7.482	0.000	0.000E+00
818	38.174	7.635	1.466E-09	18.255	3.651	1.603E-10	27.156	5.431	5.278E-10	27.752	5.550	5.633E-10	56.416	11.283	4.733E-09	51.675	10.335	3.637E-09	16.960	3.392	1.286E-10
819	-4.988	0.000	0.000E+00	10.704	2.141	3.232E-11	30.034	6.007	7.141E-10	16.734	3.347	1.235E-10	70.362	14.072	9.181E-09	22.352	4.470	2.943E-10	36.232	7.246	1.254E-09
820	15.359	3.072	9.550E-11	19.929	3.986	2.086E-10	50.057	10.011	3.306E-09	60.086	12.017	5.717E-09	28.437	5.687	6.061E-10	8.178	1.636	1.442E-11	14.622	2.924	8.240E-11
821	13.007	2.601	5.800E-11	12.239	2.448	4.832E-11	20.446	4.089	2.253E-10	44.708	8.942	2.355E-09	10.643	2.129	3.178E-11	-10.572	0.000	0.000E+00	9.765	1.953	2.454E-11
822	21.592	4.318	2.653E-10	15.344	3.069	9.522E-11	12.775	2.555	5.496E-11	53.005	10.601	3.925E-09	53.698	10.740	4.081E-09	24.808	4.962	4.024E-10	19.948	3.990	2.092E-10
823	-7.230	0.000	0.000E+00	14.057	2.811	7.322E-11	27.842	5.568	5.689E-10	11.976	2.395	4.527E-11	-27.851	0.000	0.000E+00	14.403	2.881	7.876E-11	7.672	1.534	1.190E-11
824	16.189	3.238	1.118E-10	19.871	3.974	2.068E-10	17.194	3.439	1.340E-10	21.448	4.290	2.600E-10	11.886	2.377	4.426E-11	38.253	7.651	1.475E-09	46.127	9.225	2.587E-09
825	19.796	3.959	2.045E-10	9.685	1.937	2.394E-11	15.525	3.105	9.863E-11	9.617	1.923	2.345E-11	49.516	9.903	3.200E-09	26.775	5.355	5.059E-10	-7.156	0.000	0.000E+00
826	26.405	5.281	4.853E-10	17.191	3.438	1.339E-10	29.576	5.915	6.819E-10	31.166	6.233	7.978E-10	12.810	2.562	5.540E-11	10.643	2.129	3.177E-11	4.260	0.852	2.038E-12
827	-28.625	0.000	0.000E+00	15.399	3.080	9.625E-11	-37.151	0.000	0.000E+00	34.650	6.930	1.096E-09	57.377	11.475	4.979E-09	12.115	2.423	4.687E-11	38.965	7.793	1.559E-09
828	16.190	3.238	1.118E-10	38.981	7.796	1.561E-09	-43.556	0.000	0.000E+00	31.126	6.225	7.948E-10	9.048	1.810	1.952E-11	12.976	2.595	5.759E-11	16.806	3.361	1.251E-10
829	14.306	2.861	7.717E-11	31.641	6.328	8.349E-10	35.660	7.132	1.195E-09	44.774	8.955	2.366E-09	50.232	10.046	3.341E-09	70.819	14.164	9.361E-09	12.925	2.585	5.691E-11
830	13.990	2.798	7.216E-11	18.129	3.626	1.570E-10	21.818	4.364	2.737E-10	10.798	2.160	3.318E-11	25.321	5.064	4.279E-10	10.717	2.143	3.244E-11	-16.821	0.000	0.000E+00
831	-10.707	0.000	0.000E+00	14.720	2.944	8.407E-11	13.741	2.748	6.839E-11	37.019	7.404	1.337E-09	78.854	15.771	1.292E-08	-6.127	0.000	0.000E+00	13.401	2.680	6.344E-11
832	21.846	4.369	2.748E-10	20.358	4.072	2.224E-10	18.804	3.761	1.752E-10	24.136	4.827	3.706E-10	12.001	2.400	4.555E-11	42.862	8.572	2.075E-09	52.230	10.446	3.755E-09
833	18.657	3.731	1.712E-10	15.027	3.005	8.944E-11	99.449	19.890	2.592E-08	33.758	6.752	1.014E-09	7.402	1.480	1.069E-11	14.309	2.862	7.722E-11	17.121	3.424	1.323E-10
834	17.849	3.570	1.499E-10	33.890	6.778	1.026E-09	28.352	5.670	6.007E-10	15.965	3.193	1.072E-10	23.398	4.680	3.376E-10	16.759	3.352	1.241E-10	17.909	3.582	1.514E-10
835	49.052	9.810	3.111E-09	40.822	8.164	1.793E-09	-26.381	0.000	0.000E+00	8.557	1.711	1.652E-11	47.829	9.566	2.884E-09	67.319	13.464	8.041E-09	12.323	2.465	4.933E-11
836	-20.784	0.000	0.000E+00	11.293	2.259	3.796E-11	30.616	6.123	7.564E-10	66.331	13.266	7.692E-09	7.400	1.480	1.068E-11	30.760	6.152	7.671E-10	6.328	1.266	6.680E-12
837	5.971	1.194	5.612E-12	25.760	5.152	4.505E-10	24.185	4.837	3.728E-10	9.359	1.872	2.161E-11	55.331	11.066	4.465E-09	7.139	1.428	9.588E-12	30.137	6.027	7.214E-10
838	17.680	3.536	1.457E-10	30.327	6.065	7.351E-10	-13.020	0.000	0.000E+00	82.783	16.557	1.495E-08	28.274	5.655	5.957E-10	18.008	3.602	1.539E-10	12.338	2.468	4.950E-11
839	27.861	5.572	5.700E-10	9.398	1.880	2.188E-11	-20.215	0.000	0.000E+00	13.043	2.609	5.849E-11	25.460	5.092	4.350E-10	8.871	1.774	1.840E-11	32.881	6.576	9.370E-10
840	13.604	2.721	6.635E-11	14.086	2.817	7.366E-11	41.634	8.327	1.902E-09	41.943	8.389	1.945E-09	48.732	9.746	3.050E-09	17.922	3.584	1.517E-10	43.794	8.759	2.214E-09
841	39.097	7.819	1.575E-09	15.963	3.193	1.072E-10	14.626	2.925	8.246E-11	3.101	0.620	7.859E-13	13.112	2.622	5.941E-11	11.589	2.318	4.102E-11	40.546	8.109	1.757E-09
842	-27.261	0.000	0.000E+00	24.158	4.832	3.716E-10	34.392	6.878	1.072E-09	27.654	5.531	5.574E-10	29.580	5.916	6.821E-10	19.206	3.841	1.867E-10	15.130	3.026	9.129E-11
843	7.484	1.497	1.105E-11	23.237	4.647	3.307E-10	17.553	3.511	1.425E-10	35.353	7.071	1.165E-09	-14.359	0.000	0.000E+00	52.459	10.492	3.805E-09	17.862	3.572	1.502E-10
844	14.948	2.990	8.804E-11	11.072	2.214	3.577E-11	-7.803	0.000	0.000E+00	-32.095	0.000	0.000E+00	22.539	4.508	3.018E-10	-49.213	0.000	0.000E+00	13.017	2.603	5.814E-11
845	14.857	2.971	8.644E-11	30.638	6.128	7.580E-10	68.635	13.727	8.522E-09	32.822	6.564	9.319E-10	38.429	7.686	1.496E-09	26.674	5.335	5.002E-10	44.290	8.858	2.290E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
846	40.448	8.090	1.744E-09	13.195	2.639	6.055E-11	22.035	4.407	2.820E-10	35.776	7.155	1.207E-09	45.274	9.055	2.446E-09	41.819	8.364	1.928E-09	16.059	3.212	1.091E-10
847	9.584	1.917	2.320E-11	9.491	1.898	2.254E-11	20.054	4.011	2.126E-10	31.333	6.267	8.108E-10	30.851	6.170	7.739E-10	15.328	3.066	9.491E-11	9.565	1.913	2.306E-11
848	49.423	9.885	3.182E-09	9.130	1.826	2.006E-11	16.576	3.315	1.200E-10	-28.173	0.000	0.000E+00	11.261	2.252	3.764E-11	20.020	4.004	2.115E-10	18.189	3.638	1.586E-10
849	5.548	1.110	4.501E-12	20.184	4.037	2.167E-10	4.162	0.832	1.900E-12	-15.144	0.000	0.000E+00	7.719	1.544	1.212E-11	35.139	7.028	1.144E-09	43.795	8.759	2.214E-09
850	13.999	2.800	7.230E-11	19.246	3.849	1.879E-10	13.975	2.795	7.194E-11	15.416	3.083	9.657E-11	57.059	11.412	4.896E-09	17.036	3.407	1.303E-10	21.827	4.365	2.741E-10
851	10.211	2.042	2.806E-11	43.187	8.637	2.123E-09	-18.872	0.000	0.000E+00	24.228	4.846	3.748E-10	13.912	2.782	7.097E-11	14.084	2.817	7.363E-11	19.551	3.910	1.970E-10
852	-6.641	0.000	0.000E+00	4.180	0.836	1.925E-12	40.406	8.081	1.739E-09	14.594	2.919	8.193E-11	31.264	6.253	8.054E-10	37.153	7.431	1.352E-09	-17.535	0.000	0.000E+00
853	45.735	9.147	2.521E-09	27.996	5.599	5.783E-10	9.759	1.952	2.449E-11	23.778	4.756	3.544E-10	30.869	6.174	7.753E-10	38.127	7.625	1.461E-09	-7.273	0.000	0.000E+00
854	-49.473	0.000	0.000E+00	15.566	3.113	9.941E-11	17.432	3.486	1.396E-10	5.597	1.119	4.621E-12	41.255	8.251	1.851E-09	15.847	3.169	1.049E-10	20.688	4.138	2.334E-10
855	-10.876	0.000	0.000E+00	13.734	2.747	6.829E-11	30.296	6.059	7.329E-10	33.848	6.770	1.022E-09	35.385	7.077	1.168E-09	43.065	8.613	2.105E-09	25.578	5.116	4.411E-10
856	17.777	3.555	1.481E-10	13.646	2.729	6.697E-11	16.282	3.256	1.138E-10	39.424	7.885	1.615E-09	-7.112	0.000	0.000E+00	32.274	6.455	8.860E-10	45.021	9.004	2.405E-09
857	9.300	1.860	2.120E-11	16.692	3.338	1.226E-10	48.965	9.793	3.094E-09	48.661	9.732	3.037E-09	6.872	1.374	8.555E-12	18.788	3.758	1.748E-10	9.547	1.909	2.294E-11
858	46.577	9.315	2.663E-09	33.970	6.794	1.033E-09	-8.283	0.000	0.000E+00	11.863	2.373	4.400E-11	37.990	7.598	1.445E-09	47.364	9.473	2.800E-09	98.952	19.790	2.554E-08
859	32.983	6.597	9.457E-10	16.302	3.260	1.142E-10	-5.340	0.000	0.000E+00	50.057	10.011	3.306E-09	5.003	1.001	3.301E-12	10.219	2.044	2.813E-11	46.294	9.259	2.615E-09
860	66.575	13.315	7.777E-09	17.556	3.511	1.426E-10	16.239	3.248	1.129E-10	30.249	6.050	7.295E-10	49.185	9.837	3.136E-09	32.379	6.476	8.947E-10	21.021	4.204	2.448E-10
861	11.280	2.256	3.783E-11	15.186	3.037	9.231E-11	12.059	2.412	4.622E-11	8.691	1.738	1.730E-11	50.163	10.033	3.327E-09	41.373	8.275	1.867E-09	56.611	11.322	4.782E-09
862	33.400	6.680	9.820E-10	17.823	3.565	1.492E-10	6.622	1.324	7.652E-12	32.637	6.527	9.162E-10	61.112	12.222	6.015E-09	26.412	5.282	4.856E-10	55.279	11.056	4.452E-09
863	10.140	2.028	2.748E-11	18.048	3.610	1.550E-10	-15.759	0.000	0.000E+00	57.597	11.519	5.036E-09	52.299	10.460	3.770E-09	49.180	9.836	3.135E-09	21.340	4.268	2.561E-10
864	-5.856	0.000	0.000E+00	16.353	3.271	1.153E-10	14.445	2.889	7.944E-11	11.563	2.313	4.075E-11	10.697	2.139	3.226E-11	38.296	7.659	1.480E-09	19.928	3.986	2.086E-10
865	57.487	11.497	5.007E-09	16.230	3.246	1.127E-10	41.750	8.350	1.918E-09	43.232	8.646	2.130E-09	33.841	6.768	1.021E-09	7.386	1.477	1.062E-11	15.547	3.109	9.905E-11
866	20.353	4.071	2.222E-10	11.547	2.309	4.058E-11	14.793	2.959	8.532E-11	14.639	2.928	8.268E-11	49.108	9.822	3.121E-09	11.205	2.241	3.708E-11	6.433	1.287	7.017E-12
867	95.574	19.115	2.301E-08	10.532	2.106	3.079E-11	17.275	3.455	1.359E-10	15.341	3.068	9.515E-11	9.297	1.859	2.118E-11	12.581	2.516	5.248E-11	50.506	10.101	3.396E-09
868	12.000	2.400	4.554E-11	13.751	2.750	6.854E-11	28.689	5.738	6.223E-10	11.957	2.391	4.505E-11	35.338	7.068	1.163E-09	16.066	3.213	1.093E-10	38.542	7.708	1.509E-09
869	68.700	13.740	8.546E-09	18.307	3.661	1.617E-10	20.077	4.015	2.133E-10	12.277	2.455	4.877E-11	31.732	6.346	8.421E-10	33.128	6.626	9.583E-10	38.861	7.772	1.547E-09
870	53.986	10.797	4.147E-09	-22.231	0.000	0.000E+00	12.673	2.535	5.364E-11	33.213	6.643	9.656E-10	53.069	10.614	3.939E-09	34.055	6.811	1.041E-09	32.935	6.587	9.416E-10
871	38.342	7.668	1.486E-09	20.855	4.171	2.391E-10	36.559	7.312	1.288E-09	11.887	2.377	4.427E-11	23.915	4.783	3.605E-10	38.260	7.652	1.476E-09	20.216	4.043	2.178E-10
872	12.654	2.531	5.341E-11	45.547	9.109	2.490E-09	23.187	4.637	3.286E-10	73.031	14.606	1.027E-08	29.189	5.838	6.555E-10	28.360	5.672	6.012E-10	21.706	4.341	2.696E-10
873	22.641	4.528	3.059E-10	13.821	2.764	6.958E-11	8.283	1.657	1.498E-11	5.912	1.182	5.447E-12	43.335	8.667	2.145E-09	18.505	3.701	1.670E-10	15.275	3.055	9.394E-11
874	19.887	3.977	2.073E-10	18.564	3.713	1.686E-10	42.974	8.595	2.092E-09	17.632	3.526	1.445E-10	29.919	5.984	7.059E-10	32.675	6.535	9.194E-10	57.302	11.460	4.959E-09
875	12.876	2.575	5.627E-11	36.680	7.336	1.301E-09	7.587	1.517	1.151E-11	-18.219	0.000	0.000E+00	-25.390	0.000	0.000E+00	25.430	5.086	4.334E-10	22.542	4.508	3.019E-10
876	50.475	10.095	3.389E-09	8.422	1.684	1.575E-11	18.115	3.623	1.567E-10	33.243	6.649	9.682E-10	11.952	2.390	4.501E-11	50.501	10.100	3.395E-09	28.008	5.602	5.791E-10
877	44.872	8.974	2.381E-09	12.784	2.557	5.507E-11	29.994	5.999	7.112E-10	-17.588	0.000	0.000E+00	55.457	11.091	4.495E-09	12.491	2.498	5.136E-11	54.589	10.918	4.288E-09
878	32.477	6.495	9.029E-10	10.416	2.083	2.979E-11	13.071	2.614	5.886E-11	10.004	2.001	2.638E-11	19.367	3.873	1.915E-10	-11.666	0.000	0.000E+00	26.297	5.259	4.793E-10
879	40.171	8.034	1.708E-09	37.213	7.443	1.358E-09	28.129	5.626	5.866E-10	27.953	5.591	5.757E-10	58.078	11.616	5.163E-09	26.017	5.203	4.641E-10	-35.406	0.000	0.000E+00
880	8.761	1.752	1.772E-11	28.991	5.798	6.422E-10	14.446	2.889	7.946E-11	13.789	2.758	6.910E-11	16.441	3.288	1.171E-10	27.449	5.490	5.451E-10	4.057	0.811	1.761E-12
881	27.023	5.405	5.201E-10	15.484	3.097	9.785E-11	24.958	4.992	4.097E-10	8.209	1.642	1.458E-11	58.465	11.693	5.267E-09	45.663	9.133	2.509E-09	35.635	7.127	1.193E-09
882	17.180	3.436	1.336E-10	34.904	6.981	1.121E-09	8.929	1.786	1.876E-11	25.108	5.022	4.172E-10	13.001	2.600	5.792E-11	55.615	11.123	4.534E-09	-38.103	0.000	0.000E+00
883	56.438	11.288	4.738E-09	28.789	5.758	6.289E-10	12.724	2.545	5.429E-11	29.719	5.944	6.918E-10	21.718	4.344	2.700E-10	-30.043	0.000	0.000E+00	25.685	5.137	4.466E-10
884	-9.685	0.000	0.000E+00	23.369	4.674	3.364E-10	22.118	4.424	2.852E-10	20.013	4.003	2.113E-10	46.228	9.246	2.604E-09	47.335	9.467	2.795E-09	69.178	13.836	8.726E-09
885	13.954	2.791	7.161E-11	-33.239	0.000	0.000E+00	42.403	8.481	2.009E-09	20.277	4.055	2.197E-10	-35.502	0.000	0.000E+00	10.909	2.182	3.422E-11	23.903	4.781	3.599E-10
886	37.784	7.557	1.422E-09	44.452	8.890	2.315E-09	10.976	2.195	3.485E-11	32.057	6.411	8.683E-10	-17.501	0.000	0.000E+00	23.768	4.754	3.539E-10	4.731	0.946	2.791E-12
887	23.089	4.618	3.244E-10	10.636	2.127	3.172E-11	51.158	10.232	3.529E-09	-26.245	0.000	0.000E+00	6.478	1.296	7.166E-12	12.546	2.509	5.205E-11	18.832	3.766	1.760E-10
888	18.899	3.780	1.779E-10	12.074	2.415	4.639E-11	18.537	3.707	1.679E-10	18.012	3.602	1.540E-10	18.637	3.727	1.706E-10	-17.903	0.000	0.000E+00	61.036	12.207	5.993E-09
889	12.795	2.559	5.521E-11	33.685	6.737	1.007E-09	28.292	5.658	5.969E-10	39.615	7.923	1.639E-09	11.456	2.291	3.963E-11	12.261	2.452	4.858E-11	-27.849	0.000	0.000E+00
890	16.726	3.345	1.233E-10	29.523	5.905	6.782E-10	21.572	4.314	2.646E-10	28.699	5.740	6.230E-10	54.118	10.824	4.178E-09	30.627	6.125	7.572E-10	11.847	2.369	4.382E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
891	17.001	3.400	1.295E-10	10.114	2.023	2.727E-11	12.111	2.422	4.682E-11	44.925	8.985	2.390E-09	33.344	6.669	9.771E-10	23.713	4.743	3.514E-10	50.325	10.065	3.359E-09
892	104.830	20.966	3.036E-08	5.510	1.102	4.410E-12	54.181	10.836	4.192E-09	31.633	6.327	8.343E-10	48.234	9.647	2.958E-09	42.995	8.599	2.095E-09	33.330	6.666	9.759E-10
893	31.342	6.268	8.114E-10	-11.333	0.000	0.000E+00	13.242	2.648	6.120E-11	74.866	14.973	1.106E-08	16.028	3.206	1.085E-10	-53.502	0.000	0.000E+00	17.497	3.499	1.412E-10
894	18.508	3.702	1.671E-10	18.204	3.641	1.590E-10	4.534	0.907	2.456E-12	11.575	2.315	4.088E-11	58.690	11.738	5.328E-09	7.938	1.588	1.319E-11	34.708	6.942	1.102E-09
895	16.074	3.215	1.095E-10	12.904	2.581	5.663E-11	16.146	3.229	1.109E-10	91.280	18.256	2.005E-08	25.376	5.075	4.307E-10	51.357	10.271	3.570E-09	-33.355	0.000	0.000E+00
896	60.070	12.014	5.713E-09	10.871	2.174	3.386E-11	15.107	3.021	9.088E-11	55.752	11.150	4.568E-09	37.947	7.589	1.440E-09	22.830	4.566	3.136E-10	35.149	7.030	1.145E-09
897	56.018	11.204	4.633E-09	20.293	4.059	2.203E-10	42.453	8.491	2.017E-09	14.547	2.909	8.113E-11	25.382	5.076	4.310E-10	33.321	6.664	9.751E-10	30.615	6.123	7.563E-10
898	10.966	2.193	3.476E-11	14.112	2.822	7.407E-11	103.964	20.793	2.962E-08	50.216	10.043	3.337E-09	23.433	4.687	3.391E-10	53.728	10.746	4.088E-09	27.480	5.496	5.469E-10
899	17.887	3.577	1.508E-10	17.733	3.547	1.470E-10	15.426	3.085	9.675E-11	30.453	6.091	7.444E-10	29.157	5.831	6.533E-10	-29.002	0.000	0.000E+00	13.429	2.686	6.383E-11
900	24.131	4.826	3.704E-10	31.982	6.396	8.622E-10	29.687	5.937	6.896E-10	13.586	2.717	6.610E-11	45.675	9.135	2.511E-09	22.383	4.477	2.956E-10	-22.117	0.000	0.000E+00
901	39.016	7.803	1.565E-09	29.189	5.838	6.555E-10	-3.919	0.000	0.000E+00	52.582	10.516	3.832E-09	20.065	4.013	2.129E-10	28.368	5.674	6.017E-10	11.380	2.276	3.884E-11
902	4.365	0.873	2.192E-12	37.659	7.532	1.408E-09	29.833	5.967	6.998E-10	34.239	6.848	1.058E-09	66.132	13.226	7.623E-09	5.109	1.022	3.516E-12	47.215	9.443	2.774E-09
903	65.981	13.196	7.571E-09	11.327	2.265	3.830E-11	16.707	3.341	1.229E-10	11.241	2.248	3.744E-11	21.873	4.375	2.758E-10	32.981	6.596	9.455E-10	100.894	20.179	2.707E-08
904	34.919	6.984	1.122E-09	53.699	10.740	4.081E-09	12.693	2.539	5.391E-11	42.916	8.583	2.083E-09	97.011	19.402	2.406E-08	21.465	4.293	2.607E-10	10.807	2.161	3.326E-11
905	35.351	7.070	1.164E-09	21.794	4.359	2.729E-10	45.999	9.200	2.565E-09	33.220	6.644	9.663E-10	20.546	4.109	2.286E-10	30.540	6.108	7.507E-10	46.373	9.275	2.628E-09
906	11.171	2.234	3.674E-11	47.027	9.405	2.741E-09	19.072	3.814	1.828E-10	7.403	1.481	1.069E-11	13.464	2.693	6.433E-11	-27.919	0.000	0.000E+00	37.045	7.409	1.340E-09
907	22.691	4.538	3.079E-10	83.851	16.770	1.554E-08	16.934	3.387	1.280E-10	35.914	7.183	1.221E-09	50.410	10.082	3.376E-09	51.182	10.236	3.534E-09	62.000	12.400	6.282E-09
908	30.774	6.155	7.681E-10	31.262	6.252	8.053E-10	24.292	4.858	3.778E-10	51.083	10.217	3.513E-09	28.291	5.658	5.968E-10	36.804	7.361	1.314E-09	71.087	14.217	9.468E-09
909	71.126	14.225	9.484E-09	55.067	11.013	4.401E-09	58.645	11.729	5.316E-09	44.633	8.927	2.343E-09	34.711	6.942	1.102E-09	40.055	8.011	1.694E-09	48.076	9.615	2.929E-09
910	-23.848	0.000	0.000E+00	18.939	3.788	1.791E-10	59.381	11.876	5.519E-09	54.546	10.909	4.277E-09	18.028	3.606	1.544E-10	54.716	10.943	4.318E-09	18.169	3.634	1.581E-10
911	16.555	3.311	1.196E-10	14.039	2.808	7.293E-11	7.885	1.577	1.292E-11	16.993	3.399	1.293E-10	38.287	7.657	1.479E-09	43.442	8.688	2.161E-09	31.463	6.293	8.209E-10
912	26.782	5.356	5.063E-10	38.267	7.653	1.477E-09	27.620	5.524	5.553E-10	38.173	7.635	1.466E-09	46.849	9.370	2.710E-09	34.353	6.871	1.069E-09	45.226	9.045	2.438E-09
913	27.397	5.479	5.420E-10	64.548	12.910	7.088E-09	17.309	3.462	1.367E-10	9.955	1.991	2.600E-11	-9.235	0.000	0.000E+00	51.842	10.368	3.672E-09	163.699	32.740	1.156E-07
914	-3.233	0.000	0.000E+00	71.917	14.383	9.803E-09	11.131	2.226	3.635E-11	37.101	7.420	1.346E-09	32.287	6.457	8.871E-10	50.699	10.140	3.435E-09			
915	42.397	8.479	2.009E-09	-43.580	0.000	0.000E+00	22.967	4.593	3.193E-10	50.431	10.086	3.380E-09				45.013	9.003	2.404E-09	-35.822	0.000	0.000E+00
916	9.120	1.824	1.999E-11	47.623	9.525	2.847E-09	-6.221	0.000	0.000E+00	14.759	2.952	8.474E-11				29.232	5.846	6.584E-10	46.155	9.231	2.591E-09
917	43.499	8.700	2.169E-09	13.477	2.695	6.451E-11	20.625	4.125	2.312E-10	29.017	5.803	6.439E-11				50.354	10.071	3.365E-09	50.583	10.117	3.411E-09
918	35.415	7.083	1.171E-09	30.838	6.168	7.729E-10	51.818	10.364	3.667E-09	28.649	5.730	6.198E-10				-3.738	0.000	0.000E+00	-29.552	0.000	0.000E+00
919	21.685	4.337	2.688E-10	13.798	2.760	6.923E-11	20.172	4.034	2.163E-10	44.328	8.866	2.296E-09				34.391	6.878	1.072E-09	16.730	3.346	1.234E-10
920	77.669	15.534	1.235E-08	15.267	3.053	9.379E-11	51.999	10.400	3.706E-09	16.142	3.228	1.109E-10				19.787	3.957	2.042E-10	30.499	6.100	7.477E-10
921	39.232	7.846	1.591E-09	9.379	1.876	2.174E-11	8.349	1.670	1.534E-11	5.266	1.053	3.850E-12				52.134	10.427	3.735E-09	55.495	11.099	4.505E-09
922	56.133	11.227	4.662E-09	21.983	4.397	2.800E-10	29.856	5.971	7.015E-10	57.242	11.448	4.944E-09				48.607	9.721	3.027E-09	52.588	10.518	3.833E-09
923	15.623	3.125	1.005E-10	21.088	4.218	2.472E-10	49.239	9.848	3.146E-09	19.651	3.930	2.000E-10				49.420	9.884	3.181E-09	4.177	0.835	1.921E-12
924	9.320	1.864	2.134E-11	9.916	1.983	2.570E-11	-20.480	0.000	0.000E+00	49.927	9.985	3.280E-09				49.582	9.916	3.213E-09	55.272	11.054	4.451E-09
925	31.642	6.328	8.350E-10	-7.755	0.000	0.000E+00	55.068	11.014	4.401E-09	27.809	5.562	5.668E-10				-42.470	0.000	0.000E+00	24.981	4.996	4.109E-10
926	48.120	9.624	2.937E-09	7.473	1.495	1.100E-11	52.639	10.528	3.844E-09	22.847	4.569	3.143E-10				-51.937	0.000	0.000E+00	12.965	2.593	5.744E-11
927	15.443	3.089	9.707E-11	20.124	4.025	2.148E-10	11.347	2.269	3.851E-11	14.578	2.916	8.165E-11				74.294	14.859	1.081E-08	-4.068	0.000	0.000E+00
928	18.326	3.665	1.622E-10	18.062	3.612	1.553E-10	21.326	4.265	2.556E-10	34.881	6.976	1.119E-09				41.414	8.283	1.872E-09	54.418	10.884	4.247E-09
929	57.091	11.418	4.904E-09	-6.267	0.000	0.000E+00	17.448	3.490	1.400E-10	-45.566	0.000	0.000E+00				32.200	6.440	8.799E-10	71.680	14.336	9.707E-09
930	39.895	7.979	1.674E-09	12.173	2.435	4.754E-11	26.316	5.263	4.803E-10	28.724	5.745	6.246E-10				65.636	13.127	7.453E-09	36.389	7.278	1.270E-09
931	28.047	5.609	5.815E-10	48.182	9.636	2.948E-09	7.976	1.595	1.337E-11	37.009	7.402	1.336E-09				45.112	9.022	2.420E-09	51.974	10.395	3.700E-09
932	-42.731	0.000	0.000E+00	40.588	8.118	1.762E-09	-13.696	0.000	0.000E+00	32.294	6.459	8.877E-10				15.530	3.106	9.872E-11	54.380	10.876	4.238E-09
933	65.793	13.159	7.506E-09	21.465	4.293	2.607E-10	14.478	2.896	7.999E-11	61.424	12.285	6.108E-09				47.543	9.509	2.832E-09	33.476	6.695	9.888E-10
934	-70.092	0.000	0.000E+00	31.253	6.251	8.046E-10	14.043	2.809	7.299E-11	34.733	6.947	1.104E-09				11.368	2.274	3.872E-11	66.208	13.242	7.649E-09
935	-31.381	0.000	0.000E+00	-10.981	0.000	0.000E+00	92.742	18.548	2.102E-08	31.910	6.382	8.564E-10				42.246	8.449	1.987E-09	63.023	12.605	6.598E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-04																					
Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7			
Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	
(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		
SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24			
936	41.621	8.324	1.900E-09	7.920	1.584	1.309E-11	31.094	6.219	7.924E-10	47.412	9.482	2.809E-09			53.261	10.652	3.982E-09	53.113	10.623	3.949E-09	
937	55.782	11.156	4.575E-09	13.059	2.612	5.870E-11	40.314	8.063	1.727E-09	36.225	7.245	1.253E-09			-39.059	0.000	0.000E+00	67.303	13.461	8.035E-09	
938	-49.455	0.000	0.000E+00	62.929	12.586	6.568E-09	33.442	6.688	9.857E-10	-31.668	0.000	0.000E+00			47.891	9.578	2.895E-09	53.722	10.744	4.086E-09	
939	50.494	10.099	3.393E-09	31.206	6.241	8.009E-10	33.406	6.681	9.826E-10	-5.760	0.000	0.000E+00			54.794	10.959	4.336E-09	23.806	4.761	3.556E-10	
940	59.537	11.907	5.562E-09	18.963	3.793	1.797E-10	15.777	3.155	1.035E-10	56.268	11.254	4.695E-09			18.699	3.740	1.723E-10	37.661	7.532	1.408E-09	
941	43.932	8.786	2.235E-09	-10.122	0.000	0.000E+00	29.922	5.984	7.061E-10	73.521	14.704	1.047E-08			57.556	11.511	5.025E-09	34.343	6.869	1.068E-09	
942	21.758	4.352	2.715E-10	14.480	2.896	8.002E-11	10.589	2.118	3.129E-11	25.103	5.021	4.169E-10			21.936	4.387	2.782E-10	-33.102	0.000	0.000E+00	
943	28.290	5.658	5.968E-10	22.581	4.516	3.035E-10	51.738	10.348	3.650E-09	33.792	6.758	1.017E-09			39.552	7.910	1.631E-09	58.268	11.654	5.214E-09	
944	49.493	9.899	3.195E-09	106.563	21.313	3.189E-08	24.894	4.979	4.066E-10	23.747	4.749	3.530E-10			74.001	14.800	1.068E-08	24.329	4.866	3.795E-10	
945	39.535	7.907	1.629E-09	29.751	5.950	6.941E-10	-13.005	0.000	0.000E+00	46.088	9.218	2.580E-09			32.472	6.494	9.025E-10	29.721	5.944	6.920E-10	
946	26.400	5.280	4.850E-10	11.291	2.258	3.794E-11	56.305	11.261	4.705E-09	52.024	10.405	3.711E-09			10.580	2.116	3.121E-11	27.548	5.510	5.510E-10	
947	12.579	2.516	5.246E-11	28.917	5.783	6.373E-10	23.963	4.793	3.627E-10	27.628	5.526	5.559E-10			-13.521	0.000	0.000E+00	-5.235	0.000	0.000E+00	
948	100.217	20.043	2.653E-08	48.887	9.777	3.079E-09	115.250	23.050	4.035E-08	30.255	6.051	7.300E-10			65.868	13.174	7.532E-09	88.660	17.732	1.837E-08	
949	14.699	2.940	8.370E-11	9.339	1.868	2.147E-11	52.194	10.439	3.748E-09	52.304	10.461	3.771E-09			28.326	5.665	5.990E-10	21.514	4.303	2.625E-10	
950	50.958	10.192	3.488E-09	19.997	3.999	2.108E-10	31.862	6.372	8.525E-10	42.001	8.400	1.953E-09			49.759	9.952	3.247E-09	32.067	6.413	8.691E-10	
951	50.808	10.162	3.457E-09	71.695	14.339	9.713E-09	45.332	9.066	2.455E-09	-42.282	0.000	0.000E+00			31.482	6.296	8.224E-10	53.024	10.605	3.929E-09	
952	22.675	4.535	3.073E-10	45.775	9.155	2.528E-09	17.757	3.551	1.476E-10	45.308	9.062	2.451E-09			23.928	4.786	3.611E-10	35.384	7.077	1.168E-09	
953	33.181	6.636	9.628E-10	109.199	21.840	3.432E-08	21.956	4.391	2.790E-10	21.253	4.251	2.530E-10			51.447	10.289	3.589E-09	65.650	13.130	7.457E-09	
954	4.777	0.955	2.874E-12	12.524	2.505	5.177E-11	28.762	5.752	6.271E-10	50.678	10.136	3.430E-09			42.784	8.557	2.064E-09	43.693	8.739	2.199E-09	
955	29.933	5.987	7.069E-10	30.304	6.061	7.335E-10	4.851	0.970	3.009E-12	48.402	9.680	2.989E-09			48.073	9.615	2.928E-09	61.906	12.381	6.253E-09	
956	4.119	0.824	1.841E-12	13.093	2.619	5.915E-11	28.958	5.792	6.400E-10	49.090	9.818	3.118E-09			46.702	9.340	2.685E-09	28.668	5.734	6.210E-10	
957	68.249	13.650	8.379E-09	13.448	2.690	6.410E-11	50.416	10.083	3.378E-09	-4.808	0.000	0.000E+00			43.823	8.765	2.218E-09	49.453	9.891	3.188E-09	
958	-35.135	0.000	0.000E+00	31.456	6.291	8.203E-10	15.316	3.063	9.469E-11	20.405	4.081	2.239E-10			56.535	11.307	4.762E-09	25.378	5.076	4.308E-10	
959	55.458	11.092	4.496E-09	25.639	5.128	4.442E-10	117.409	23.482	4.266E-08	-3.529	0.000	0.000E+00			-25.589	0.000	0.000E+00	10.687	2.137	3.217E-11	
960	28.290	5.658	5.967E-10	11.766	2.353	4.294E-11	48.155	9.631	2.943E-09	-12.211	0.000	0.000E+00			29.279	5.856	6.615E-10	41.180	8.236	1.841E-09	
961	31.729	6.346	8.419E-10	16.574	3.315	1.200E-10	83.247	16.649	1.521E-08	32.599	6.520	9.130E-10			16.174	3.235	1.115E-10	42.437	8.487	2.014E-09	
962	45.543	9.109	2.490E-09	-5.424	0.000	0.000E+00	-94.513	0.000	0.000E+00	19.666	3.933	2.005E-10			10.232	2.046	2.824E-11	56.949	11.390	4.868E-09	
963	49.596	9.919	3.215E-09	57.311	11.462	4.961E-09	43.565	8.713	2.179E-09	-27.932	0.000	0.000E+00			57.905	11.581	5.117E-09	-42.520	0.000	0.000E+00	
964	57.497	11.499	5.010E-09	14.976	2.995	8.853E-11	55.645	11.129	4.541E-09	18.198	3.640	1.588E-10			48.643	9.729	3.034E-09	39.605	7.921	1.637E-09	
965	46.075	9.215	2.578E-09	70.969	14.194	9.421E-09	49.461	9.892	3.189E-09	12.540	2.508	5.197E-11			50.227	10.045	3.340E-09	34.183	6.837	1.053E-09	
966	44.256	8.851	2.285E-09	33.044	6.609	9.509E-10	23.830	4.766	3.567E-10	14.494	2.899	8.026E-11			10.764	2.153	3.287E-11	33.837	6.767	1.021E-09	
967	7.226	1.445	9.943E-12	20.144	4.029	2.155E-10	56.322	11.264	4.709E-09	55.205	11.041	4.434E-09			12.627	2.525	5.306E-11	67.459	13.492	8.091E-09	
968	14.753	2.951	8.462E-11	39.737	7.947	1.654E-09	54.762	10.952	4.328E-09	22.299	4.460	2.923E-10			16.691	3.338	1.226E-10	50.926	10.185	3.481E-09	
969	50.986	10.197	3.493E-09	31.380	6.276	8.144E-10	56.383	11.277	4.724E-09	52.021	10.404	3.710E-09			20.858	4.172	2.392E-10	48.291	9.658	2.968E-09	
970	66.096	13.219	7.611E-09	21.464	4.293	2.606E-10	19.229	3.846	1.874E-10	56.169	11.234	4.671E-09			19.634	3.927	1.995E-10	29.451	5.890	6.733E-10	
971	16.412	3.282	1.165E-10	11.192	2.238	3.695E-11	56.253	11.251	4.692E-09	4.495	0.899	2.393E-12			37.213	7.443	1.358E-09	50.549	10.110	3.404E-09	
972	38.777	7.755	1.537E-09	19.405	3.881	1.926E-10	-35.598	0.000	0.000E+00	50.446	10.089	3.384E-09			29.598	5.920	6.834E-10	54.247	10.849	4.207E-09	
973	30.105	6.021	7.191E-10	24.931	4.986	4.084E-10	34.125	6.825	1.047E-09	13.660	2.732	6.718E-11			38.726	7.745	1.531E-09	35.467	7.093	1.176E-09	
974	44.728	8.946	2.359E-09	46.323	9.265	2.620E-09	8.732	1.746	1.755E-11	19.082	3.816	1.831E-10			34.819	6.964	1.113E-09	15.074	3.015	9.027E-11	
975	25.041	5.008	4.139E-10	39.583	7.917	1.635E-09	79.126	15.825	1.306E-08	46.470	9.294	2.645E-09			44.693	8.939	2.353E-09	17.904	3.581	1.513E-10	
976	50.437	10.087	3.382E-09	46.161	9.232	2.592E-09	27.433	5.487	5.441E-10	10.946	2.189	3.456E-11			16.706	3.341	1.229E-10	14.337	2.867	7.768E-11	
977	59.529	11.906	5.560E-09	47.907	9.581	2.898E-09	38.444	7.689	1.498E-09	31.982	6.396	8.622E-10			27.509	5.502	5.487E-10	56.572	11.314	4.772E-09	
978	45.315	9.063	2.452E-09	12.063	2.413	4.627E-11	27.529	5.506	5.499E-10	52.778	10.556	3.875E-09			25.909	5.182	4.584E-10	14.587	2.917	8.180E-11	
979	39.219	7.844	1.590E-09	21.710	4.342	2.697E-10	40.130	8.026	1.703E-09	36.039	7.208	1.234E-09			13.456	2.691	6.422E-11	28.305	5.661	5.977E-10	
980	73.525	14.705	1.048E-08	29.372	5.874	6.679E-10	12.042	2.408	4.602E-11	49.926	9.985	3.280E-09			49.134	9.827	3.126E-09	59.589	11.918	5.577E-09	

Data: Flyover 3 - Span 8 (45.00 m) - IG-04

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
981	63.307	12.661	6.687E-09	-46.435	0.000	0.000E+00	40.402	8.080	1.738E-09	37.977	7.595	1.444E-09				23.310	4.662	3.338E-10	19.483	3.897	1.949E-10
982	30.728	6.146	7.647E-10	-33.227	0.000	0.000E+00	-38.780	0.000	0.000E+00	40.604	8.121	1.764E-09				33.245	6.649	9.684E-10	44.207	8.841	2.277E-09
983	-22.190	0.000	0.000E+00	39.493	7.899	1.624E-09	-4.756	0.000	0.000E+00	22.594	4.519	3.040E-10				56.611	11.322	4.782E-09	10.989	2.198	3.498E-11
984	-33.249	0.000	0.000E+00	29.139	5.828	6.521E-10	30.859	6.172	7.745E-10	-30.560	0.000	0.000E+00				47.149	9.430	2.762E-09	27.440	5.488	5.445E-10
985	62.874	12.575	6.551E-09	49.240	9.848	3.147E-09	51.323	10.265	3.563E-09	14.023	2.805	7.268E-11				60.006	12.001	5.695E-09	35.015	7.003	1.132E-09
986	51.896	10.379	3.684E-09	34.820	6.964	1.113E-09	26.089	5.218	4.680E-10	-17.278	0.000	0.000E+00				21.288	4.258	2.543E-10	40.563	8.113	1.759E-09
987	-32.064	0.000	0.000E+00	106.418	21.284	3.176E-08	44.110	8.822	2.262E-09	47.858	9.572	2.889E-09				30.281	6.056	7.318E-10	16.926	3.385	1.278E-10
988	36.335	7.267	1.264E-09	39.990	7.998	1.686E-09	29.936	5.987	7.071E-10	45.869	9.174	2.544E-09				32.072	6.414	8.695E-10	33.147	6.629	9.599E-10
989	56.411	11.282	4.731E-09	52.977	10.595	3.919E-09	53.962	10.792	4.142E-09	8.003	1.601	1.351E-11				67.459	13.492	8.091E-09	17.211	3.442	1.344E-10
990	55.539	11.108	4.515E-09	15.310	3.062	9.459E-11	52.480	10.496	3.810E-09	46.301	9.260	2.616E-09				49.351	9.870	3.168E-09	15.688	3.138	1.018E-10
991	31.749	6.350	8.435E-10	52.103	10.421	3.728E-09	36.921	7.384	1.326E-09	22.244	4.449	2.901E-10				4.254	0.851	2.028E-12	31.476	6.295	8.219E-10
992	28.470	5.694	6.082E-10	53.182	10.636	3.964E-09	28.038	5.608	5.809E-10	28.007	5.601	5.790E-10				19.625	3.925	1.992E-10	9.597	1.919	2.330E-11
993	51.777	10.355	3.658E-09	42.754	8.551	2.060E-09	48.098	9.620	2.933E-09	58.883	11.777	5.381E-09				-26.923	0.000	0.000E+00	15.647	3.129	1.010E-10
994	56.819	11.364	4.835E-09	12.662	2.532	5.350E-11	8.472	1.694	1.603E-11	50.663	10.133	3.427E-09				105.168	21.034	3.066E-08	25.354	5.071	4.296E-10
995	104.393	20.879	2.998E-08	20.470	4.094	2.261E-10	64.854	12.971	7.190E-09	29.683	5.937	6.893E-10				25.766	5.153	4.509E-10	18.175	3.635	1.582E-10
996	106.709	21.342	3.203E-08	36.693	7.339	1.302E-09	13.529	2.706	6.526E-11	54.155	10.831	4.186E-09				35.558	7.112	1.185E-09	36.689	7.338	1.302E-09
997	30.732	6.146	7.650E-10	42.977	8.595	2.092E-09	29.521	5.904	6.781E-10	27.059	5.412	5.222E-10				22.242	4.448	2.900E-10	57.028	11.406	4.888E-09
998	-42.270	0.000	0.000E+00	11.470	2.294	3.977E-11	153.339	30.668	9.503E-08	9.884	1.977	2.545E-11				53.682	10.736	4.077E-09	22.724	4.545	3.093E-10
999	37.903	7.581	1.435E-09	68.162	13.632	8.347E-09	50.238	10.048	3.342E-09	22.309	4.462	2.926E-10				48.904	9.781	3.083E-09	46.868	9.374	2.713E-09
1000	49.385	9.877	3.175E-09	20.583	4.117	2.298E-10	28.972	5.794	6.410E-10	54.926	10.985	4.367E-09				10.134	2.027	2.743E-11	52.839	10.568	3.888E-09
1001	39.814	7.963	1.663E-09	27.156	5.431	5.278E-10	42.762	8.552	2.061E-09	63.791	12.758	6.842E-09				76.835	15.367	1.196E-08	55.557	11.111	4.520E-09
1002	64.472	12.894	7.063E-09	17.031	3.406	1.302E-10	22.823	4.565	3.133E-10	22.744	4.549	3.101E-10				54.175	10.835	4.191E-09	48.308	9.662	2.971E-09
1003	-37.961	0.000	0.000E+00	74.939	14.988	1.109E-08	44.893	8.979	2.385E-09	58.820	11.764	5.364E-09				36.016	7.203	1.231E-09	17.145	3.429	1.328E-10
1004	55.878	11.176	4.598E-09	-32.933	0.000	0.000E+00	35.923	7.185	1.222E-09	13.689	2.738	6.761E-11				-25.702	0.000	0.000E+00	49.527	9.905	3.202E-09
1005	45.040	9.008	2.408E-09	45.970	9.194	2.560E-09	-4.307	0.000	0.000E+00	59.949	11.990	5.679E-09				49.252	9.850	3.149E-09	49.629	9.926	3.222E-09
1006	75.926	15.185	1.154E-08	-54.219	0.000	0.000E+00	26.266	5.253	4.776E-10	20.202	4.040	2.173E-10				38.062	7.612	1.453E-09	13.534	2.707	6.534E-11
1007	52.161	10.432	3.741E-09	14.590	2.918	8.186E-11	38.449	7.690	1.498E-09	68.143	13.629	8.340E-09				31.151	6.230	7.967E-10	48.307	9.661	2.971E-09
1008	13.506	2.701	6.493E-11	36.693	7.339	1.302E-09	98.620	19.724	2.528E-08	13.383	2.677	6.317E-11				28.157	5.631	5.884E-10	56.384	11.277	4.724E-09
1009	32.144	6.429	8.754E-10	55.413	11.083	4.485E-09	55.754	11.151	4.568E-09	53.598	10.720	4.058E-09				37.780	7.556	1.421E-09	52.344	10.469	3.780E-09
1010	61.079	12.216	6.006E-09	30.581	6.116	7.538E-10	46.441	9.288	2.640E-09	10.536	2.107	3.082E-11				50.785	10.157	3.452E-09	58.285	11.657	5.219E-09
1011	53.047	10.609	3.934E-09	72.490	14.498	1.004E-08	40.284	8.057	1.723E-09	35.260	7.052	1.155E-09				11.146	2.229	3.650E-11	12.289	2.458	4.891E-11
1012	18.351	3.670	1.629E-10	76.598	15.320	1.185E-08	68.920	13.784	8.628E-09	21.475	4.295	2.610E-10				80.450	16.090	1.372E-08	27.072	5.414	5.229E-10
1013	58.778	11.756	5.352E-09	51.476	10.295	3.595E-09	8.888	1.778	1.851E-11	39.757	7.951	1.656E-09				50.897	10.179	3.475E-09	52.341	10.468	3.779E-09
1014	48.157	9.631	2.944E-09	37.927	7.585	1.438E-09	5.959	1.192	5.577E-12	19.242	3.848	1.878E-10				24.579	4.916	3.914E-10	12.333	2.467	4.945E-11
1015	48.048	9.610	2.924E-09	70.524	14.105	9.245E-09	25.445	5.089	4.342E-10	7.602	1.520	1.658E-11				26.099	5.220	4.685E-10	47.133	9.427	2.760E-09
1016	52.186	10.437	3.746E-09	8.699	1.740	1.735E-11	32.900	6.580	9.386E-10	37.733	7.547	1.416E-09				56.403	11.281	4.729E-09	17.044	3.409	1.305E-10
1017	-41.932	0.000	0.000E+00	39.230	7.846	1.591E-09	27.976	5.595	5.771E-10	22.417	4.483	2.969E-10				17.146	3.429	1.329E-10	94.696	18.939	2.238E-08
1018	15.813	3.163	1.042E-10	39.763	7.953	1.657E-09	31.035	6.207	7.879E-10	26.880	5.376	5.195E-10				42.121	8.424	1.970E-09	49.862	9.972	3.267E-09
1019	15.048	3.010	8.981E-11	31.399	6.280	8.159E-10	46.065	9.213	2.576E-09	5.938	1.188	5.519E-12				38.462	7.692	1.500E-09	-15.926	0.000	0.000E+00
1020	36.784	7.357	1.312E-09	32.484	6.497	9.035E-10	54.424	10.885	4.249E-09	24.178	4.836	3.725E-10				87.420	17.484	1.761E-08	26.859	5.372	5.107E-10
1021	53.103	10.621	3.947E-09	19.990	3.998	2.105E-10	10.762	2.152	3.285E-11	9.216	1.843	2.063E-11				15.465	3.093	9.748E-11	56.341	11.268	4.714E-09
1022	37.147	7.429	1.351E-09	-30.944	0.000	0.000E+00	47.831	9.566	2.884E-09	24.875	4.975	4.057E-10				50.051	10.010	3.305E-09	35.436	7.087	1.173E-09
1023	16.367	3.273	1.156E-10	33.512	6.702	9.920E-10	37.679	7.536	1.410E-09	48.040	9.608	2.922E-09				21.024	4.205	2.449E-10	45.445	9.089	2.474E-09
1024	44.030	8.806	2.250E-09	37.015	7.403	1.337E-09	19.977	3.995	2.101E-10	91.653	18.331	2.029E-08				39.926	7.985	1.677E-09	38.690	7.738	1.526E-09
1025	14.551	2.910	8.121E-11	20.709	4.142	2.341E-10	15.408	3.082	9.641E-11	20.411	4.082	2.241E-10				15.769	3.154	1.034E-10	24.481	4.896	3.867E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-04																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG24	200000	11.4822	SG24			SG24			SG24			SG24			SG24			SG24		
1026	23.191	4.638	3.287E-10	35.486	7.097	1.178E-09	54.751	10.950	4.326E-09	6.548	1.310	7.398E-12				-3.014	0.000	0.000E+00	15.283	3.057	9.408E-11
1027	51.269	10.254	3.552E-09	26.569	5.314	4.944E-10	44.590	8.918	2.337E-09	26.245	5.249	4.764E-10				38.045	7.609	1.451E-09	24.239	4.848	3.753E-10
1028	54.207	10.841	4.198E-09	-36.767	0.000	0.000E+00	-35.791	0.000	0.000E+00	30.538	6.108	7.506E-10				37.699	7.540	1.412E-09	50.150	10.030	3.324E-09
1029	64.005	12.801	6.911E-09	36.936	7.387	1.328E-09	48.425	9.685	2.993E-09	40.974	8.195	1.813E-09				8.692	1.738	1.731E-11	7.572	1.514	1.144E-11
1030	31.974	6.395	8.615E-10	52.495	10.499	3.813E-09	10.815	2.163	3.334E-11	18.130	3.626	1.571E-10				55.115	11.023	4.413E-09	37.551	7.510	1.396E-09
1031	25.882	5.176	4.570E-10	-41.373	0.000	0.000E+00	48.541	9.708	3.015E-09	54.515	10.903	4.270E-09							48.999	9.800	3.101E-09
1032	32.213	6.443	8.810E-10	49.105	9.821	3.121E-09	34.746	6.949	1.106E-09	30.178	6.036	7.244E-10									
1033	15.704	3.141	1.021E-10	52.946	10.589	3.912E-09	52.623	10.525	3.841E-09	30.141	6.028	7.217E-10									
1034	10.533	2.107	3.080E-11	73.008	14.602	1.026E-08	10.824	2.165	3.342E-11	39.425	7.885	1.615E-09									
1035	11.071	2.214	3.577E-11	46.432	9.286	2.638E-09	37.331	7.466	1.371E-09	66.842	13.368	7.871E-09									
1036	33.912	6.782	1.028E-09	52.245	10.449	3.759E-09	6.601	1.320	7.580E-12	14.196	2.839	7.541E-11									
1037	14.884	2.977	8.690E-11	40.873	8.175	1.800E-09	49.613	9.923	3.219E-09	47.712	9.542	2.863E-09									
1038	44.931	8.986	2.391E-09	29.414	5.883	6.707E-10	57.846	11.569	5.102E-09	21.338	4.268	2.561E-10									
1039	28.405	5.681	6.040E-10	52.406	10.481	3.793E-09	2.742	0.548	5.433E-13												
1040	43.687	8.737	2.198E-09	39.603	7.921	1.637E-09	38.829	7.766	1.543E-09												
1041	6.030	1.206	5.780E-12	42.359	8.472	2.003E-09	5.683	1.137	4.838E-12												
1042	23.784	4.757	3.546E-10	57.205	11.441	4.934E-09	48.393	9.679	2.987E-09												
1043	35.708	7.142	1.200E-09	62.299	12.460	6.373E-09	17.043	3.409	1.305E-10												
1044	18.570	3.714	1.688E-10	17.725	3.545	1.468E-10	8.282	1.656	1.497E-11												
1045	21.630	4.326	2.667E-10	23.824	4.765	3.564E-10	35.716	7.143	1.201E-09												
1046	13.242	2.648	6.120E-11	12.563	2.513	5.226E-11	16.181	3.236	1.117E-10												
1047	53.465	10.693	4.028E-09	54.264	10.853	4.211E-09	16.851	3.370	1.261E-10												
1048	51.415	10.283	3.582E-09	59.797	11.959	5.635E-09	53.883	10.777	4.123E-09												
1049	149.731	29.946	8.848E-08	20.533	4.107	2.282E-10	20.169	4.034	2.163E-10												
1050	33.140	6.628	9.593E-10	67.016	13.403	7.933E-09	14.566	2.913	8.146E-11												
1051	9.841	1.968	2.512E-11	23.390	4.678	3.373E-10	26.038	5.208	4.653E-10												
1052				34.836	6.967	1.114E-09	49.825	9.965	3.260E-09												
1053				39.740	7.948	1.654E-09	25.746	5.149	4.498E-10												
1054				8.519	1.704	1.629E-11	28.292	5.658	5.969E-10												
1055				49.977	9.995	3.290E-09	16.669	3.334	1.221E-10												
1056				41.997	8.399	1.952E-09	49.971	9.994	3.289E-09												
1057				79.398	15.880	1.319E-08	12.390	2.478	5.014E-11												
1058				22.700	4.540	3.083E-10	14.737	2.947	8.436E-11												
1059				47.310	9.462	2.791E-09	10.755	2.151	3.279E-11												
1060				28.827	5.765	6.313E-10	20.467	4.093	2.260E-10												
1061				27.943	5.589	5.750E-10	29.891	5.978	7.039E-10												
1062				44.964	8.993	2.396E-09	26.007	5.201	4.636E-10												
1063				44.259	8.852	2.285E-09	12.949	2.590	5.722E-11												
1064				45.223	9.045	2.438E-09	51.631	10.326	3.628E-09												
1065				37.454	7.491	1.385E-09	18.117	3.623	1.567E-10												
1066				23.630	4.726	3.478E-10	14.641	2.928	8.272E-11												
1067				16.618	3.324	1.209E-10	44.659	8.932	2.348E-09												
1068				36.771	7.354	1.310E-09	10.259	2.052	2.846E-11												
1069				21.536	4.307	2.632E-10	34.353	6.871	1.069E-09												
1070				28.131	5.626	5.868E-10															

[illegible]

Flyover 3 - Span 8 (45.00 m) - IG-05
Daily Maximum Stress and Cumulative Damage

	Day 1			Day 2			Day 3			Summary Day 4			Day 5			Day 6			Day 7	
	Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage		Eqv.Stress (MPa)	Damage
Max.	30.187	9.062E-08	Max.	29.387	8.361E-08	Max.	36.505	1.603E-07	Max.	31.193	9.999E-08	Max.	52.050	4.646E-07	Max.	25.881	5.712E-08	Max.	37.339	1.715E-07
Cum.	-	1.372E-06	Cum.	-	1.487E-06	Cum.	-	1.599E-06	Cum.	-	2.344E-06	Cum.	-	1.435E-06	Cum.	-	1.369E-06	Cum.	-	1.832E-06

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
1	40.450	8.090	1.744E-09	8.612	1.722	1.683E-11	32.556	6.511	9.094E-10	55.615	11.123	4.534E-09	21.842	4.368	2.746E-10	32.785	6.557	9.288E-10	16.034	3.207	1.086E-10
2	43.281	8.656	2.137E-09	6.232	1.246	6.379E-12	13.198	2.640	6.059E-11	38.051	7.610	1.452E-09	-1.293	0.000	0.000E+00	57.997	11.599	5.142E-09	32.056	6.411	8.682E-10
3	21.093	4.219	2.474E-10	36.122	7.224	1.242E-09	39.199	7.840	1.588E-09	30.278	6.056	7.316E-10	-87.657	0.000	0.000E+00	5.853	1.171	5.284E-12	19.497	3.899	1.953E-10
4	52.853	10.571	3.891E-09	35.293	7.059	1.159E-09	33.028	6.606	9.496E-10	37.212	7.442	1.358E-09	-0.270	0.000	0.000E+00	44.429	8.886	2.311E-09	38.575	7.715	1.513E-09
5	37.349	7.470	1.373E-09	42.526	8.505	2.027E-09	31.436	6.287	8.188E-10	7.306	1.461	1.028E-11	-11.659	0.000	0.000E+00	33.185	6.637	9.632E-10	25.815	5.163	4.534E-10
6	40.917	8.183	1.806E-09	17.184	3.437	1.337E-10	38.814	7.763	1.541E-09	40.168	8.034	1.708E-09	-1.225	0.000	0.000E+00	7.842	1.568	1.271E-11	32.697	6.539	9.213E-10
7	18.246	3.649	1.601E-10	6.086	1.217	5.942E-12	28.266	5.653	5.953E-10	-4.719	0.000	0.000E+00	-1.610	0.000	0.000E+00	42.746	8.549	2.059E-09	38.670	7.734	1.524E-09
8	16.481	3.296	1.180E-10	36.721	7.344	1.305E-09	27.638	5.528	5.565E-10	26.321	5.264	4.806E-10	-70.790	0.000	0.000E+00	32.758	6.552	9.265E-10	8.983	1.797	1.910E-11
9	9.255	1.851	2.090E-11	36.256	7.251	1.256E-09	30.551	6.110	7.515E-10	11.380	2.276	3.884E-11	16.852	3.370	1.261E-10	12.037	2.407	4.597E-11	46.788	9.358	2.700E-09
10	41.861	8.372	1.933E-09	39.047	7.809	1.569E-09	-19.989	0.000	0.000E+00	32.911	6.582	9.396E-10	-0.733	0.000	0.000E+00	29.686	5.937	6.895E-10	8.503	1.701	1.620E-11
11	23.343	4.669	3.353E-10	9.288	1.858	2.112E-11	24.958	4.992	4.097E-10	20.254	4.051	2.190E-10	-89.795	0.000	0.000E+00	13.392	2.678	6.330E-11	32.917	6.583	9.400E-10
12	31.618	6.324	8.331E-10	14.771	2.954	8.495E-11	50.598	10.120	3.414E-09	19.420	3.884	1.930E-10	56.733	11.347	4.813E-09	24.423	4.885	3.839E-10	28.823	5.765	6.311E-10
13	22.131	4.426	2.857E-10	17.382	3.476	1.384E-10	6.229	1.246	6.371E-12	-24.496	0.000	0.000E+00	17.735	3.547	1.470E-10	9.466	1.893	2.236E-11	8.123	1.625	1.412E-11
14	1.248	0.250	5.129E-14	13.995	2.799	7.225E-11	26.950	5.390	5.159E-10	-5.913	0.000	0.000E+00	5.365	1.073	4.070E-12	22.183	4.437	2.877E-10	7.153	1.431	9.647E-12
15	39.904	7.981	1.675E-09	35.355	7.071	1.165E-09	30.661	6.132	7.597E-10	36.474	7.295	1.279E-09	112.376	22.475	3.740E-08	38.672	7.734	1.524E-09	-1.105	0.000	0.000E+00
16	6.313	1.263	6.631E-12	3.996	0.799	1.682E-12	-3.705	0.000	0.000E+00	17.807	3.561	1.488E-10	13.059	2.612	5.870E-11	29.879	5.976	7.030E-10	33.187	6.637	9.633E-10
17	-10.386	0.000	0.000E+00	-5.881	0.000	0.000E+00	35.098	7.020	1.140E-09	25.161	5.032	4.198E-10	8.557	1.711	1.652E-11	9.711	1.942	2.414E-11	52.026	10.405	3.712E-09
18	3.899	0.780	1.562E-12	25.944	5.189	4.603E-10	31.869	6.374	8.531E-10	24.795	4.959	4.018E-10	32.069	6.414	8.693E-10	10.332	2.066	2.907E-11	16.622	3.324	1.210E-10
19	60.769	12.154	5.915E-09	9.666	1.933	2.380E-11	9.881	1.976	2.543E-11	19.564	3.913	1.974E-10	37.034	7.407	1.339E-09	15.252	3.050	9.351E-11	-15.077	0.000	0.000E+00
20	48.796	9.759	3.062E-09	11.594	2.319	4.107E-11	33.250	6.650	9.689E-10	27.698	5.540	5.601E-10	43.566	8.713	2.179E-09	31.570	6.314	8.293E-10	19.459	3.892	1.942E-10
21	31.783	6.357	8.462E-10	22.288	4.458	2.918E-10	7.245	1.449	1.002E-11	34.011	6.802	1.037E-09	28.770	5.754	6.276E-10	15.349	3.070	9.531E-11	34.932	6.986	1.124E-09
22	33.724	6.745	1.011E-09	75.638	15.128	1.141E-08	24.576	4.915	3.912E-10	28.059	5.612	5.823E-10	42.973	8.595	2.092E-09	8.070	1.614	1.385E-11	-37.602	0.000	0.000E+00
23	66.895	13.379	7.890E-09	22.880	4.576	3.157E-10	22.921	4.584	3.174E-10	0.567	0.113	4.802E-15	4.007	0.801	1.696E-12	28.757	5.751	6.268E-10	33.831	6.766	1.021E-09
24	37.580	7.516	1.399E-09	14.025	2.805	7.271E-11	33.420	6.684	9.838E-10	19.980	3.996	2.102E-10	24.295	4.859	3.780E-10	32.226	6.445	8.821E-10	10.224	2.045	2.817E-11
25	31.294	6.259	8.077E-10	30.301	6.060	7.332E-10	16.154	3.231	1.111E-10	36.173	7.235	1.247E-09	34.843	6.969	1.115E-09	26.881	5.376	5.120E-10	5.338	1.068	4.009E-12
26	44.605	8.921	2.339E-09	11.854	2.371	4.390E-11	19.905	3.981	2.079E-10	28.475	5.695	6.085E-10	36.714	7.343	1.304E-09	69.219	13.844	8.741E-09	8.560	1.712	1.653E-11
27	36.398	7.280	1.271E-09	39.463	7.893	1.620E-09	4.960	0.992	3.216E-12	36.483	7.297	1.280E-09	43.208	8.642	2.126E-09	20.480	4.096	2.264E-10	-13.030	0.000	0.000E+00
28	31.742	6.348	8.430E-10	36.180	7.236	1.248E-09	20.216	4.043	2.178E-10	17.498	3.500	1.412E-10	9.196	1.839	2.049E-11	19.221	3.844	1.871E-10	12.831	2.566	5.567E-11
29	9.111	1.822	1.993E-11	9.732	1.946	2.429E-11	32.444	6.489	9.001E-10	7.078	1.416	9.346E-12	5.674	1.135	4.816E-12	24.952	4.990	4.095E-10	16.246	3.249	1.130E-10
30	49.148	9.830	3.129E-09	11.698	2.340	4.219E-11	36.742	7.348	1.307E-09	28.646	5.729	6.196E-10	42.838	8.568	2.072E-09	22.216	4.443	2.890E-10	34.965	6.993	1.127E-09
31	9.355	1.871	2.158E-11	36.802	7.360	1.314E-09	19.458	3.892	1.942E-10	30.840	6.168	7.731E-10	37.804	7.561	1.424E-09	18.302	3.660	1.616E-10	38.787	7.757	1.538E-09
32	35.327	7.065	1.162E-09	27.567	5.513	5.521E-10	0.790	0.158	1.298E-14	20.839	4.168	2.385E-10	45.758	9.152	2.525E-09	17.480	3.496	1.408E-10	31.311	6.262	8.090E-10
33	34.858	6.972	1.116E-09	2.956	0.591	6.808E-13	29.285	5.857	6.619E-10	22.040	4.408	2.822E-10	34.596	6.919	1.091E-09	28.972	5.794	6.410E-10	32.869	6.574	9.360E-10
34	39.545	7.909	1.630E-09	32.917	6.583	9.401E-10	7.904	1.581	1.301E-11	31.383	6.277	8.147E-10	26.639	5.328	4.982E-10	28.905	5.781	6.365E-10	17.709	3.542	1.464E-10
35	32.184	6.437	8.786E-10	34.254	6.851	1.059E-09	23.175	4.635	3.281E-10	29.248	5.850	6.595E-10	34.903	6.981	1.121E-09	8.473	1.695	1.603E-11	31.949	6.390	8.596E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
36	33.327	6.665	9.756E-10	22.347	4.469	2.941E-10	24.372	4.874	3.816E-10	18.573	3.715	1.689E-10	27.890	5.578	5.718E-10	8.350	1.670	1.535E-11	30.615	6.123	7.563E-10
37	35.409	7.082	1.170E-09	4.641	0.928	2.635E-12	19.738	3.948	2.027E-10	17.578	3.516	1.432E-10	13.042	2.608	5.847E-11	34.856	6.971	1.116E-09	22.521	4.504	3.011E-10
38	8.235	1.647	1.472E-11	38.190	7.638	1.468E-09	-14.346	0.000	0.000E+00	8.677	1.735	1.722E-11	50.908	10.182	3.477E-09	16.416	3.283	1.166E-10	21.895	4.379	2.767E-10
39	38.845	7.769	1.545E-09	33.681	6.736	1.007E-09	8.327	1.665	1.522E-11	134.684	26.937	6.439E-08	43.778	8.756	2.211E-09	26.529	5.306	4.921E-10	9.067	1.813	1.964E-11
40	24.430	4.886	3.843E-10	13.840	2.768	6.988E-11	34.399	6.880	1.073E-09	20.498	4.100	2.270E-10	46.512	9.302	2.652E-09	5.770	1.154	5.062E-12	37.119	7.424	1.348E-09
41	7.198	1.440	9.831E-12	28.750	5.750	6.263E-10	35.281	7.056	1.157E-09	26.306	5.261	4.798E-10	44.912	8.982	2.388E-09	8.408	1.682	1.567E-11	21.639	4.328	2.671E-10
42	48.517	9.703	3.010E-09	36.560	7.312	1.288E-09	-0.951	0.000	0.000E+00	20.154	4.031	2.158E-10	37.776	7.555	1.421E-09	29.158	5.832	6.534E-10	27.704	5.541	5.604E-10
43	-43.341	0.000	0.000E+00	36.061	7.212	1.236E-09	23.400	4.680	3.377E-10	13.787	2.757	6.907E-11	7.407	1.481	1.071E-11	9.709	1.942	2.412E-11	32.596	6.519	9.128E-10
44	26.961	5.392	5.165E-10	16.833	3.367	1.257E-10	11.490	2.298	3.998E-11	61.393	12.279	6.099E-09	34.955	6.991	1.126E-09	17.354	3.471	1.377E-10	8.542	1.708	1.642E-11
45	26.398	5.280	4.848E-10	26.660	5.332	4.994E-10	29.721	5.944	6.919E-10	34.623	6.925	1.094E-09	53.390	10.678	4.011E-09	28.883	5.777	6.351E-10	4.307	0.861	2.106E-12
46	26.962	5.392	5.166E-10	4.295	0.859	2.088E-12	2.788	0.558	5.709E-13	-38.127	0.000	0.000E+00	5.206	1.041	3.718E-12	54.667	10.933	4.306E-09	4.258	0.852	2.035E-12
47	19.968	3.994	2.098E-10	-11.987	0.000	0.000E+00	115.471	23.094	4.058E-08	40.797	8.159	1.790E-09	95.845	19.169	2.321E-08	31.946	6.389	8.593E-10	77.264	15.453	1.216E-08
48	34.757	6.951	1.107E-09	34.564	6.913	1.088E-09	31.409	6.282	8.167E-10	22.488	4.498	2.997E-10	27.484	5.497	5.472E-10	34.493	6.899	1.082E-09	102.161	20.432	2.810E-08
49	16.207	3.241	1.122E-10	11.672	2.334	4.191E-11	25.452	5.090	4.345E-10	26.017	5.203	4.642E-10	30.238	6.048	7.287E-10	23.343	4.669	3.353E-10	31.869	6.374	8.531E-10
50	30.794	6.159	7.696E-10	13.705	2.741	6.785E-11	15.010	3.002	8.914E-11	29.423	5.885	6.713E-10	30.457	6.091	7.446E-10	38.830	7.766	1.543E-09	9.889	1.978	2.549E-11
51	56.364	11.273	4.720E-09	7.937	1.587	1.318E-11	30.636	6.127	7.578E-10	9.207	1.841	2.057E-11	32.863	6.573	9.355E-10	39.817	7.963	1.664E-09	32.065	6.413	8.689E-10
52	-20.269	0.000	0.000E+00	7.972	1.594	1.335E-11	-2.525	0.000	0.000E+00	14.885	2.977	8.692E-11	22.205	4.441	2.886E-10	33.645	6.729	1.004E-09	32.846	6.569	9.340E-10
53	10.121	2.024	2.732E-11	36.085	7.217	1.238E-09	42.060	8.412	1.961E-09	17.087	3.417	1.315E-10	37.537	7.507	1.394E-09	28.291	5.658	5.968E-10	10.202	2.040	2.799E-11
54	30.409	6.089	7.411E-10	13.567	2.713	6.582E-11	35.319	7.064	1.161E-09	30.728	6.146	7.647E-10	26.667	5.333	4.998E-10	25.081	5.016	4.159E-10	20.331	4.066	2.215E-10
55	10.546	2.109	3.091E-11	28.585	5.717	6.156E-10	11.861	2.372	4.398E-11	35.639	7.128	1.193E-09	27.971	5.594	5.768E-10	80.969	16.194	1.399E-08	32.617	6.523	9.146E-10
56	5.052	1.010	3.399E-12	5.562	1.112	4.534E-12	96.232	19.246	2.349E-08	7.701	1.540	1.204E-11	11.463	2.293	3.970E-11	-41.383	0.000	0.000E+00	75.642	15.128	1.141E-08
57	40.900	8.180	1.803E-09	19.445	3.889	1.938E-10	8.210	1.642	1.458E-11	27.764	5.553	5.641E-10	13.865	2.773	7.026E-11	33.745	6.749	1.013E-09	39.636	7.927	1.641E-09
58	-4.731	0.000	0.000E+00	21.291	4.258	2.544E-10	15.707	3.141	1.021E-10	29.283	5.857	6.618E-10	12.840	2.568	5.579E-11	22.154	4.431	2.866E-10	10.992	2.198	3.501E-11
59	6.179	1.236	6.217E-12	17.246	3.449	1.352E-10	22.158	4.432	2.867E-10	29.432	5.886	6.719E-10	31.678	6.336	8.379E-10	6.665	1.333	7.804E-12	17.730	3.546	1.469E-10
60	45.949	9.190	2.557E-09	24.537	4.907	3.894E-10	52.158	10.432	3.740E-09	29.737	5.947	6.930E-10	20.341	4.068	2.218E-10	55.268	11.054	4.449E-09	37.358	7.472	1.374E-09
61	29.021	5.804	6.442E-10	20.233	4.047	2.183E-10	9.249	1.850	2.085E-11	20.444	4.089	2.252E-10	6.291	1.258	6.562E-12	14.143	2.829	7.455E-11	28.915	5.783	6.372E-10
62	10.457	2.091	3.014E-11	38.452	7.690	1.498E-09	37.570	7.514	1.398E-09	26.899	5.380	5.130E-10	35.408	7.082	1.170E-09	17.027	3.405	1.301E-10	21.608	4.322	2.659E-10
63	31.422	6.284	8.177E-10	4.141	0.828	1.871E-12	17.633	3.527	1.445E-10	78.379	15.676	1.269E-08	8.928	1.786	1.875E-11	20.430	4.086	2.247E-10	39.002	7.800	1.564E-09
64	30.440	6.088	7.434E-10	4.243	0.849	2.014E-12	30.781	6.156	7.686E-10	21.303	4.261	2.548E-10	6.634	1.327	7.696E-12	35.282	7.056	1.158E-09	22.134	4.427	2.858E-10
65	23.310	4.662	3.338E-10	7.468	1.494	1.098E-11	36.003	7.201	1.230E-09	25.375	5.075	4.307E-10	32.075	6.415	8.697E-10	33.328	6.666	9.757E-10	9.927	1.985	2.578E-11
66	26.463	5.293	4.884E-10	-4.844	0.000	0.000E+00	80.274	16.055	1.363E-08	125.590	25.118	5.221E-08	56.912	11.382	4.858E-09	16.212	3.242	1.123E-10	13.895	2.779	7.071E-11
67	34.031	6.806	1.039E-09	17.513	3.503	1.416E-10	8.441	1.688	1.585E-11	136.767	27.353	6.743E-08	12.441	2.488	5.076E-11	-24.884	0.000	0.000E+00	4.943	0.989	3.184E-12
68	37.461	7.492	1.386E-09	-26.047	0.000	0.000E+00	24.481	4.896	3.867E-10	44.992	8.998	2.400E-09	46.395	9.279	2.632E-09	1.940	0.388	1.924E-13	44.324	8.865	2.295E-09
69	32.829	6.566	9.325E-10	7.165	1.433	9.694E-12	8.893	1.779	1.854E-11	43.200	8.640	2.125E-09	53.277	10.655	3.986E-09	7.878	1.576	1.289E-11	24.729	4.946	3.986E-10
70	12.003	2.401	4.558E-11	5.851	1.170	5.280E-12	50.633	10.127	3.421E-09	24.841	4.968	4.040E-10	-46.449	0.000	0.000E+00	10.852	2.170	3.368E-11	36.605	7.321	1.293E-09
71	12.374	2.475	4.994E-11	101.240	20.248	2.735E-08	40.546	8.109	1.757E-09	32.244	6.449	8.835E-10	7.019	1.404	9.114E-12	32.991	6.598	9.464E-10	27.032	5.406	5.206E-10
72	23.736	4.747	3.525E-10	4.288	0.858	2.078E-12	58.267	11.653	5.214E-09	12.790	2.558	5.514E-11	14.549	2.910	8.117E-11	48.753	9.751	3.054E-09	5.656	1.131	4.769E-12
73	29.327	5.865	6.648E-10	36.728	7.346	1.306E-09	44.603	8.921	2.339E-09	7.359	1.472	1.050E-11	29.872	5.974	7.025E-10	28.021	5.604	5.799E-10	50.597	10.119	3.414E-09
74	57.258	11.452	4.948E-09	31.073	6.215	7.908E-10	38.456	7.691	1.499E-09	35.730	7.146	1.202E-09	50.382	10.076	3.371E-09	55.862	11.172	4.595E-09	114.273	22.855	3.933E-08
75	9.802	1.960	2.483E-11	12.790	2.558	5.515E-11	33.172	6.634	9.621E-10	25.394	5.079	4.316E-10	28.469	5.694	6.081E-10	25.922	5.184	4.591E-10	11.747	2.349	4.272E-11
76	13.892	2.778	7.067E-11	19.866	3.973	2.066E-10	34.763	6.953	1.107E-09	53.711	10.742	4.084E-09	50.037	10.007	3.302E-09	-1.295	0.000	0.000E+00	32.417	6.483	8.978E-10
77	22.935	4.587	3.180E-10	20.741	4.148	2.352E-10	-7.094	0.000	0.000E+00	23.632	4.726	3.478E-10	9.030	1.806	1.941E-11	63.499	12.700	6.748E-09	31.214	6.243	8.016E-10
78	59.417	11.883	5.529E-09	30.022	6.004	7.132E-10	5.967	1.193	5.600E-12	70.863	14.173	9.379E-09	28.605	5.721	6.169E-10	33.561	6.712	9.963E-10	20.856	4.171	2.391E-10
79	32.808	6.562	9.307E-10	27.522	5.504	5.494E-10	35.631	7.126	1.192E-09	36.978	7.396	1.333E-09	55.108	11.022	4.411E-09	17.997	3.599	1.536E-10	24.556	4.911	3.903E-10
80	8.646	1.729	1.704E-11	87.352	17.470	1.757E-08	52.299	10.460	3.770E-09	33.413	6.683	9.831E-10	-25.257	0.000	0.000E+00	16.734	3.347	1.235E-10	12.973	2.595	5.754E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
81	-5.762	0.000	0.000E+00	34.837	6.967	1.114E-09	1.782	0.356	1.491E-13	82.385	16.477	1.474E-08	-20.856	0.000	0.000E+00	24.405	4.881	3.831E-10	29.584	5.917	6.824E-10
82	9.853	1.971	2.521E-11	41.244	8.249	1.849E-09	46.523	9.305	2.654E-09	2.317	0.463	3.277E-13	19.790	3.958	2.043E-10	1.488	0.298	8.684E-14	4.550	0.910	2.483E-12
83	6.962	1.392	8.892E-12	24.373	4.875	3.816E-10	37.751	7.550	1.418E-09	21.778	4.356	2.723E-10	39.021	7.804	1.566E-09	19.353	3.871	1.911E-10	22.021	4.404	2.814E-10
84	4.595	0.919	2.557E-12	28.916	5.783	6.372E-10	26.193	5.239	4.736E-10	30.230	6.046	7.281E-10	-7.346	0.000	0.000E+00	9.143	1.829	2.014E-11	55.670	11.134	4.547E-09
85	38.064	7.613	1.454E-09	22.535	4.507	3.016E-10	30.903	6.181	7.779E-10	18.896	3.779	1.778E-10	14.507	2.901	8.047E-11	33.645	6.729	1.004E-09	19.988	3.998	2.105E-10
86	23.692	4.738	3.505E-10	11.750	2.350	4.275E-11	6.745	1.349	8.086E-12	-17.020	0.000	0.000E+00	10.033	2.007	2.662E-11	29.714	5.943	6.915E-10	20.820	4.164	2.379E-10
87	23.748	4.750	3.530E-10	-5.213	0.000	0.000E+00	5.080	1.016	3.456E-12	6.547	1.309	7.396E-12	11.766	2.353	4.294E-11	15.601	3.120	1.001E-10	125.297	25.059	5.185E-08
88	23.223	4.645	3.301E-10	7.532	1.506	1.126E-11	35.358	7.072	1.165E-09	28.952	5.790	6.397E-10	20.746	4.149	2.354E-10	26.043	5.209	4.655E-10	12.613	2.523	5.289E-11
89	-14.407	0.000	0.000E+00	33.032	6.606	9.499E-10	28.740	5.748	6.257E-10	63.669	12.734	6.802E-09	22.225	4.445	2.893E-10	41.432	8.286	1.875E-09	36.184	7.237	1.249E-09
90	37.640	7.528	1.406E-09	54.053	10.811	4.163E-09	32.517	6.503	9.062E-10	29.585	5.917	6.825E-10	14.696	2.939	8.366E-11	40.456	8.091	1.745E-09	19.694	3.939	2.013E-10
91	51.339	10.268	3.567E-09	23.075	4.615	3.238E-10	48.801	9.760	3.063E-09	30.700	6.140	7.626E-10	-20.300	0.000	0.000E+00	15.598	3.120	1.000E-10	52.778	10.556	3.875E-09
92	58.097	11.619	5.168E-09	6.707	1.341	7.951E-12	9.832	1.966	2.505E-11	24.579	4.916	3.914E-10	17.526	3.505	1.419E-10	11.833	2.367	4.367E-11	39.345	7.869	1.605E-09
93	34.398	6.880	1.073E-09	45.709	9.142	2.517E-09	20.972	4.194	2.431E-10	20.184	4.037	2.167E-10	17.493	3.499	1.411E-10	33.537	6.707	9.942E-10	40.711	8.142	1.778E-09
94	-0.460	0.000	0.000E+00	35.252	7.050	1.155E-09	77.570	15.514	1.230E-08	13.193	2.639	6.052E-11	27.751	5.550	5.633E-10	36.525	7.305	1.284E-09	49.156	9.831	3.131E-09
95	18.703	3.741	1.724E-10	49.807	9.961	3.257E-09	-2.775	0.000	0.000E+00	29.555	5.911	6.804E-10	34.169	6.834	1.051E-09	32.172	6.434	8.777E-10	30.986	6.197	7.841E-10
96	28.416	5.683	6.048E-10	19.193	3.839	1.863E-10	128.434	25.687	5.584E-08	10.190	2.038	2.789E-11	34.024	6.805	1.038E-09	28.541	5.708	6.128E-10	61.219	12.244	6.047E-09
97	6.986	1.397	8.986E-12	43.187	8.637	2.123E-09	14.491	2.898	8.020E-11	40.863	8.173	1.798E-09	16.139	3.228	1.108E-10	35.251	7.050	1.155E-09	16.849	3.370	1.261E-10
98	45.088	9.018	2.416E-09	39.448	7.890	1.618E-09	24.025	4.805	3.655E-10	29.545	5.909	6.798E-10	-9.873	0.000	0.000E+00	19.108	3.822	1.839E-10	27.005	5.401	5.191E-10
99	22.459	4.492	2.986E-10	9.610	1.922	2.339E-11	16.335	3.267	1.149E-10	9.418	1.884	2.202E-11	24.379	4.876	3.819E-10	10.346	2.069	2.919E-11	52.155	10.431	3.739E-09
100	17.586	3.517	1.433E-10	30.209	6.042	7.266E-10	7.465	1.493	1.096E-11	7.810	1.562	1.255E-11	12.800	2.560	5.528E-11	28.446	5.689	6.067E-10	25.809	5.162	4.531E-10
101	34.710	6.942	1.102E-09	33.959	6.792	1.032E-09	35.623	7.125	1.191E-09	35.035	7.007	1.133E-09	53.160	10.632	3.960E-09	87.579	17.516	1.770E-08	5.171	1.034	3.645E-12
102	18.808	3.762	1.754E-10	31.592	6.318	8.311E-10	12.197	2.439	4.782E-11	32.823	6.565	9.320E-10	33.953	6.791	1.032E-09	10.118	2.024	2.730E-11	34.844	6.969	1.115E-09
103	24.778	4.956	4.010E-10	38.492	7.698	1.503E-09	28.796	5.759	6.293E-10	-7.528	0.000	0.000E+00	53.302	10.660	3.991E-09	6.070	1.214	5.894E-12	16.175	3.235	1.115E-10
104	35.538	7.108	1.183E-09	11.710	2.342	4.232E-11	26.510	5.302	4.910E-10	40.523	8.105	1.754E-09	14.060	2.812	7.325E-11	9.603	1.921	2.334E-11	7.051	1.410	9.241E-12
105	2.040	0.408	2.236E-13	9.173	1.835	2.034E-11	-32.351	0.000	0.000E+00	32.576	6.515	9.111E-10	47.864	9.573	2.890E-09	13.279	2.656	6.172E-11	35.775	7.155	1.207E-09
106	31.633	6.327	8.343E-10	24.935	4.987	4.086E-10	91.264	18.253	2.003E-08	14.231	2.846	7.596E-11	-15.862	0.000	0.000E+00	36.937	7.387	1.328E-09	69.264	13.853	8.758E-09
107	-1.648	0.000	0.000E+00	49.667	9.933	3.229E-09	5.243	1.049	3.799E-12	32.188	6.438	8.790E-10	13.624	2.725	6.665E-11	54.474	10.895	4.261E-09	31.339	6.268	8.113E-10
108	29.117	5.823	6.506E-10	5.780	1.156	5.090E-12	26.241	5.248	4.762E-10	36.358	7.272	1.267E-09	42.423	8.485	2.012E-09	20.376	4.075	2.230E-10	23.952	4.790	3.622E-10
109	5.851	1.170	5.278E-12	65.302	13.060	7.340E-09	8.931	1.786	1.877E-11	38.727	7.745	1.531E-09	9.560	1.912	2.303E-11	4.132	0.826	1.860E-12	36.405	7.281	1.272E-09
110	60.484	12.097	5.832E-09	31.018	6.204	7.866E-10	32.065	6.413	8.689E-10	8.001	1.600	1.350E-11	13.250	2.650	6.132E-11	37.116	7.423	1.348E-09	22.120	4.424	2.853E-10
111	9.331	1.866	2.142E-11	10.362	2.072	2.932E-11	12.942	2.588	5.713E-11	34.868	6.974	1.117E-09	26.816	5.363	5.083E-10	16.743	3.349	1.237E-10	75.215	15.043	1.122E-08
112	27.632	5.526	5.561E-10	19.477	3.895	1.948E-10	20.407	4.081	2.240E-10	13.808	2.762	6.939E-11	16.942	3.388	1.282E-10	24.558	4.912	3.904E-10	121.763	24.353	4.758E-08
113	20.619	4.124	2.311E-10	42.459	8.492	2.017E-09	17.134	3.427	1.326E-10	28.214	5.643	5.919E-10	35.443	7.089	1.174E-09	47.611	9.522	2.844E-09	24.381	4.876	3.820E-10
114	20.589	4.118	2.300E-10	47.498	9.500	2.824E-09	4.838	0.968	2.984E-12	-1.039	0.000	0.000E+00	55.964	11.193	4.620E-09	14.125	2.825	7.428E-11	37.372	7.474	1.376E-09
115	37.563	7.513	1.397E-09	39.577	7.915	1.634E-09	33.584	6.717	9.984E-10	24.723	4.945	3.983E-10	29.795	5.959	6.972E-10	17.655	3.531	1.450E-10	6.107	1.221	6.003E-12
116	9.627	1.925	2.352E-11	34.518	6.904	1.084E-09	26.797	5.359	5.071E-10	41.557	8.311	1.892E-09	8.633	1.727	1.696E-11	51.262	10.252	3.550E-09	18.484	3.697	1.664E-10
117	23.165	4.633	3.276E-10	37.674	7.535	1.409E-09	16.279	3.256	1.137E-10	7.515	1.503	1.119E-11	5.710	1.142	4.907E-12	129.407	25.881	5.712E-08	59.550	11.910	5.566E-09
118	11.813	2.363	4.345E-11	24.852	4.970	4.046E-10	-9.394	0.000	0.000E+00	23.648	4.730	3.486E-10	13.498	2.700	6.482E-11	33.808	6.762	1.019E-09	18.145	3.629	1.575E-10
119	35.407	7.081	1.170E-09	31.169	6.234	7.981E-10	25.269	5.054	4.253E-10	21.612	4.322	2.661E-10	20.714	4.143	2.343E-10	8.841	1.768	1.821E-11	34.076	6.815	1.043E-09
120	55.564	11.113	4.521E-09	-35.272	0.000	0.000E+00	22.449	4.490	2.982E-10	-30.493	0.000	0.000E+00	-31.190	0.000	0.000E+00	22.467	4.493	2.989E-10	27.941	5.588	5.749E-10
121	-7.048	0.000	0.000E+00	28.257	5.651	5.947E-10	7.537	1.507	1.129E-11	27.254	5.451	5.336E-10	54.391	10.878	4.241E-09	19.034	3.807	1.818E-10	6.556	1.311	7.428E-12
122	13.675	2.735	6.741E-11	11.180	2.236	3.683E-11	29.519	5.904	6.779E-10	20.515	4.103	2.276E-10	13.122	2.624	5.956E-11	9.164	1.833	2.028E-11	9.627	1.925	2.352E-11
123	23.246	4.649	3.311E-10	19.726	3.945	2.023E-10	58.769	11.754	5.350E-09	43.236	8.647	2.130E-09	42.405	8.481	2.010E-09	30.615	6.123	7.563E-10	46.019	9.204	2.569E-09
124	23.016	4.603	3.214E-10	32.079	6.416	8.701E-10	30.274	6.055	7.313E-10	15.385	3.077	9.598E-11	34.413	6.883	1.074E-09	55.722	11.144	4.560E-09	14.430	2.886	7.919E-11
125	7.996	1.599	1.347E-11	54.220	10.844	4.201E-09	28.926	5.785	6.379E-10	9.289	1.858	2.113E-11	50.808	10.162	3.457E-09	8.135	1.627	1.419E-11	46.748	9.350	2.693E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
126	18.340	3.668	1.626E-10	5.761	1.152	5.039E-12	52.688	10.538	3.855E-09	35.943	7.189	1.224E-09	40.403	8.081	1.738E-09	-11.603	0.000	0.000E+00	23.451	4.690	3.399E-10
127	12.217	2.443	4.806E-11	16.844	3.369	1.260E-10	54.660	10.932	4.304E-09	30.752	6.150	7.665E-10	30.655	6.131	7.593E-10	48.496	9.699	3.006E-09	19.690	3.938	2.012E-10
128	18.727	3.745	1.731E-10	9.854	1.971	2.522E-11	7.136	1.427	9.578E-12	49.593	9.919	3.215E-09	16.641	3.328	1.215E-10	62.155	12.431	6.329E-09	36.917	7.383	1.326E-09
129	16.841	3.368	1.259E-10	38.617	7.723	1.518E-09	21.886	4.377	2.763E-10	20.788	4.158	2.368E-10	50.609	10.122	3.416E-09	23.595	4.719	3.462E-10	16.152	3.230	1.111E-10
130	49.703	9.941	3.236E-09	25.355	5.071	4.296E-10	35.020	7.004	1.132E-09	46.773	9.355	2.697E-09	18.154	3.631	1.577E-10	13.483	2.697	6.460E-11	38.725	7.745	1.531E-09
131	39.694	7.939	1.648E-09	16.419	3.284	1.167E-10	23.849	4.770	3.575E-10	41.340	8.268	1.862E-09	12.917	2.583	5.680E-11	9.620	1.924	2.346E-11	143.864	28.773	7.848E-08
132	43.064	8.613	2.105E-09	64.286	12.857	7.002E-09	8.902	1.780	1.859E-11	21.940	4.388	2.784E-10	15.480	3.096	9.778E-11	54.856	10.971	4.351E-09	29.583	5.917	6.823E-10
133	45.960	9.192	2.559E-09	21.736	4.347	2.707E-10	58.619	11.724	5.309E-09	6.863	1.373	8.520E-12	11.367	2.273	3.871E-11	7.375	1.475	1.057E-11	28.505	5.701	6.105E-10
134	23.729	4.746	3.521E-10	45.413	9.083	2.468E-09	9.159	1.832	2.025E-11	90.428	18.086	1.949E-08	10.811	2.162	3.331E-11	6.025	1.205	5.763E-12	10.822	2.164	3.341E-11
135	36.531	7.306	1.285E-09	93.886	18.777	2.181E-08	33.549	6.710	9.953E-10	36.447	7.289	1.276E-09	12.535	2.507	5.191E-11	10.005	2.001	2.640E-11	20.509	4.102	2.274E-10
136	22.769	4.554	3.111E-10	17.784	3.557	1.482E-10	21.904	4.381	2.770E-10	39.240	7.848	1.593E-09	17.480	3.496	1.408E-10	13.514	2.703	6.505E-11	9.435	1.887	2.213E-11
137	6.943	1.389	8.821E-12	14.798	2.960	8.541E-11	7.374	1.475	1.057E-11	3.959	0.792	1.635E-12	8.078	1.616	1.389E-11	55.829	11.166	4.586E-09	24.405	4.881	3.831E-10
138	40.327	8.065	1.729E-09	6.911	1.382	8.699E-12	29.426	5.885	6.715E-10	52.737	10.547	3.866E-09	12.248	2.450	4.843E-11	52.131	10.426	3.734E-09	13.118	2.624	5.950E-11
139	45.162	9.032	2.428E-09	31.063	6.213	7.900E-10	19.809	3.962	2.049E-10	27.683	5.537	5.591E-10	11.165	2.233	3.668E-11	-5.580	0.000	0.000E+00	48.399	9.680	2.988E-09
140	17.885	3.577	1.508E-10	11.778	2.356	4.306E-11	10.497	2.099	3.049E-11	10.741	2.148	3.266E-11	6.432	1.286	7.014E-12	33.236	6.647	9.676E-10	10.508	2.102	3.058E-11
141	53.100	10.620	3.946E-09	13.219	2.644	6.088E-11	3.889	0.778	1.551E-12	14.140	2.828	7.452E-11	46.512	9.302	2.652E-09	12.100	2.420	4.669E-11	33.920	6.784	1.029E-09
142	-5.100	0.000	0.000E+00	31.818	6.364	8.490E-10	13.546	2.709	6.552E-11	55.232	11.046	4.441E-09	36.975	7.395	1.332E-09	7.026	1.405	9.143E-12	34.670	6.934	1.098E-09
143	13.506	2.701	6.494E-11	38.701	7.740	1.528E-09	-4.368	0.000	0.000E+00	34.065	6.813	1.042E-09	11.463	2.293	3.970E-11	-5.090	0.000	0.000E+00	9.489	1.898	2.252E-11
144	87.697	17.539	1.778E-08	18.342	3.668	1.626E-10	18.007	3.601	1.539E-10	16.330	3.266	1.148E-10	10.796	2.159	3.316E-11	32.537	6.507	9.079E-10	14.194	2.839	7.537E-11
145	29.535	5.907	6.791E-10	0.920	0.184	2.051E-14	14.035	2.807	7.286E-11	48.597	9.719	3.025E-09	-10.312	0.000	0.000E+00	55.061	11.012	4.400E-09	-18.979	0.000	0.000E+00
146	14.125	2.825	7.427E-11	-7.315	0.000	0.000E+00	9.340	1.868	2.148E-11	-0.727	0.000	0.000E+00	9.672	1.934	2.385E-11	-7.158	0.000	0.000E+00	42.914	8.583	2.083E-09
147	-17.538	0.000	0.000E+00	48.768	9.754	3.057E-09	26.161	5.232	4.719E-10	27.839	5.568	5.687E-10	11.288	2.258	3.791E-11	-10.929	0.000	0.000E+00	36.607	7.321	1.293E-09
148	24.374	4.875	3.817E-10	9.812	1.962	2.490E-11	16.632	3.326	1.213E-10	52.778	10.556	3.875E-09	33.510	6.702	9.918E-10	11.546	2.309	4.057E-11	41.137	8.227	1.835E-09
149	47.094	9.419	2.753E-09	29.756	5.951	6.944E-10	54.442	10.888	4.253E-09	6.867	1.373	8.537E-12	14.643	2.929	8.276E-11	8.770	1.754	1.778E-11	11.307	2.261	3.810E-11
150	52.984	10.597	3.920E-09	11.120	2.224	3.625E-11	12.694	2.539	5.391E-11	4.824	0.965	2.959E-12	9.351	1.870	2.155E-11	5.671	1.134	4.807E-12	17.614	3.523	1.440E-10
151	-14.954	0.000	0.000E+00	17.635	3.527	1.445E-10	7.339	1.468	1.042E-11	19.450	3.890	1.939E-10	10.704	2.141	3.233E-11	11.334	2.267	3.838E-11	10.731	2.146	3.257E-11
152	35.121	7.024	1.142E-09	70.366	14.073	9.183E-09	9.541	1.908	2.289E-11	20.795	4.159	2.370E-10	55.350	11.070	4.469E-09	9.034	1.807	1.943E-11	24.743	4.949	3.993E-10
153	-26.777	0.000	0.000E+00	11.304	2.261	3.807E-11	42.413	8.483	2.011E-09	14.068	2.814	7.338E-11	20.996	4.199	2.439E-10	55.368	11.074	4.474E-09	33.950	6.790	1.031E-09
154	43.180	8.636	2.122E-09	42.985	8.597	2.093E-09	7.183	1.437	9.770E-12	-10.765	0.000	0.000E+00	10.329	2.066	2.904E-11	29.013	5.803	6.437E-10	8.920	1.784	1.871E-11
155	0.930	0.186	2.119E-14	24.678	4.936	3.961E-10	31.278	6.256	8.065E-10	20.575	4.115	2.296E-10	23.751	4.750	3.531E-10	18.775	3.755	1.744E-10	47.692	9.538	2.859E-09
156	52.047	10.409	3.716E-09	19.967	3.993	2.098E-10	17.548	3.510	1.424E-10	54.588	10.918	4.287E-09	13.547	2.709	6.552E-11	12.309	2.462	4.916E-11	24.027	4.805	3.656E-10
157	41.932	8.386	1.943E-09	-16.717	0.000	0.000E+00	10.937	2.187	3.448E-11	51.886	10.377	3.682E-09	52.892	10.578	3.900E-09	63.692	12.738	6.810E-09	17.669	3.534	1.454E-10
158	10.604	2.121	3.142E-11	31.213	6.243	8.015E-10	34.551	6.910	1.087E-09	16.715	3.343	1.231E-10	48.919	9.784	3.085E-09	8.032	1.606	1.366E-11	62.277	12.455	6.366E-09
159	60.473	12.095	5.829E-09	7.448	1.490	1.089E-11	32.893	6.579	9.380E-10	40.420	8.084	1.741E-09	40.621	8.124	1.767E-09	55.919	11.184	4.609E-09	7.688	1.538	1.198E-11
160	56.814	11.363	4.833E-09	11.572	2.314	4.085E-11	28.151	5.630	5.880E-10	38.175	7.635	1.466E-09	56.705	11.341	4.806E-09	39.669	7.934	1.645E-09	10.360	2.072	2.931E-11
161	31.962	6.392	8.606E-10	34.799	6.960	1.111E-09	22.178	4.436	2.875E-10	37.092	7.418	1.345E-09	42.071	8.414	1.963E-09	9.895	1.979	2.553E-11	45.305	9.061	2.451E-09
162	34.258	6.852	1.060E-09	7.515	1.503	1.119E-11	63.334	12.667	6.696E-09	22.013	4.403	2.811E-10	-9.414	0.000	0.000E+00	24.864	4.973	4.052E-10	11.819	2.364	4.352E-11
163	22.892	4.578	3.162E-10	18.247	3.649	1.601E-10	51.299	10.260	3.558E-09	20.492	4.098	2.688E-10	-14.135	0.000	0.000E+00	-6.495	0.000	0.000E+00	51.496	10.299	3.599E-09
164	39.763	7.953	1.657E-09	-19.692	0.000	0.000E+00	53.513	10.703	4.039E-09	19.552	3.910	1.970E-10	13.586	2.717	6.610E-11	23.318	4.664	3.342E-10	26.630	5.326	4.978E-10
165	37.257	7.451	1.363E-09	10.513	2.103	3.063E-11	7.658	1.532	1.183E-11	8.868	1.774	1.838E-11	-9.690	0.000	0.000E+00	34.827	6.965	1.113E-09	-11.791	0.000	0.000E+00
166	56.745	11.349	4.816E-09	24.027	4.805	3.656E-10	30.899	6.180	7.775E-10	14.877	2.975	8.679E-11	35.147	7.029	1.144E-09	18.379	3.676	1.636E-10	21.519	4.304	2.626E-10
167	13.884	2.777	7.054E-11	46.257	9.251	2.609E-09	71.617	14.323	9.681E-09	-13.242	0.000	0.000E+00	-7.022	0.000	0.000E+00	13.770	2.754	6.882E-11	-18.515	0.000	0.000E+00
168	44.909	8.982	2.387E-09	-9.971	0.000	0.000E+00	33.377	6.675	9.800E-10	43.662	8.732	2.194E-09	16.276	3.255	1.136E-10	34.737	6.947	1.105E-09	48.564	9.713	3.019E-09
169	16.026	3.205	1.085E-10	10.219	2.044	2.813E-11	10.354	2.071	2.926E-11	26.477	5.295	4.892E-10	51.768	10.354	3.656E-09	7.877	1.575	1.288E-11	-6.320	0.000	0.000E+00
170	20.823	4.165	2.380E-10	40.199	8.040	1.712E-09	7.465	1.493	1.097E-11	17.856	3.571	1.501E-10	12.401	2.480	5.026E-11	20.471	4.094	2.261E-10	10.658	2.132	3.191E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
171	13.506	2.701	6.493E-11	10.877	2.175	3.391E-11	34.967	6.993	1.127E-09	10.998	2.200	3.506E-11	6.192	1.238	6.256E-12	30.072	6.014	7.168E-10	38.483	7.697	1.502E-09
172	15.397	3.079	9.620E-11	10.221	2.044	2.814E-11	11.240	2.248	3.743E-11	53.882	10.776	4.123E-09	20.284	4.057	2.200E-10	19.728	3.946	2.024E-10	-14.980	0.000	0.000E+00
173	54.437	10.887	4.252E-09	36.144	7.229	1.244E-09	22.622	4.524	3.051E-10	17.372	3.474	1.382E-10	-11.097	0.000	0.000E+00	9.261	1.852	2.093E-11	67.558	13.512	8.127E-09
174	33.676	6.735	1.007E-09	11.540	2.308	4.051E-11	16.046	3.209	1.089E-10	14.563	2.913	8.140E-11	6.325	1.265	6.671E-12	-8.958	0.000	0.000E+00	-6.791	0.000	0.000E+00
175	52.210	10.442	3.751E-09	34.030	6.806	1.039E-09	-29.653	0.000	0.000E+00	38.239	7.648	1.474E-09	10.741	2.148	3.266E-11	6.360	1.272	6.781E-12	15.409	3.082	9.643E-11
176	52.193	10.439	3.747E-09	16.885	3.377	1.269E-10	22.587	4.517	3.037E-10	7.123	1.425	9.526E-12	10.198	2.040	2.795E-11	17.763	3.553	1.477E-10	-10.912	0.000	0.000E+00
177	10.208	2.042	2.804E-11	12.320	2.464	4.928E-11	21.551	4.310	2.638E-10	10.954	2.191	3.465E-11	10.416	2.083	2.979E-11	10.069	2.014	2.691E-11	6.016	1.203	5.738E-12
178	9.996	1.999	2.632E-11	9.523	1.905	2.276E-11	53.565	10.713	4.051E-09	25.345	5.069	4.291E-10	10.883	2.177	3.398E-11	17.577	3.515	1.431E-10	6.075	1.215	5.909E-12
179	9.692	1.938	2.399E-11	13.932	2.786	7.127E-11	48.589	9.718	3.023E-09	7.770	1.554	1.236E-11	40.306	8.061	1.726E-09	15.340	3.068	9.513E-11	13.146	2.629	5.988E-11
180	18.868	3.774	1.770E-10	23.885	4.777	3.592E-10	-22.876	0.000	0.000E+00	-11.584	0.000	0.000E+00	42.669	8.534	2.048E-09	34.155	6.831	1.050E-09	40.281	8.056	1.723E-09
181	15.179	3.036	9.217E-11	10.671	2.134	3.203E-11	17.972	3.594	1.530E-10	5.768	1.154	5.059E-12	48.730	9.746	3.050E-09	11.024	2.205	3.531E-11	15.751	3.150	1.030E-10
182	9.971	1.994	2.612E-11	17.565	3.513	1.428E-10	8.835	1.767	1.818E-11	29.539	5.908	6.793E-10	51.526	10.305	3.606E-09	22.084	4.417	2.839E-10	32.321	6.464	8.899E-10
183	12.820	2.564	5.553E-11	21.504	4.301	2.621E-10	20.787	4.157	2.367E-10	24.855	4.971	4.047E-10	33.420	6.684	9.838E-10	44.131	8.826	2.265E-09	14.044	2.809	7.301E-11
184	11.103	2.221	3.608E-11	25.317	5.063	4.277E-10	13.465	2.693	6.434E-11	51.442	10.288	3.588E-09	-4.549	0.000	0.000E+00	18.387	3.677	1.638E-10	-9.151	0.000	0.000E+00
185	12.993	2.599	5.781E-11	22.388	4.478	2.957E-10	-8.293	0.000	0.000E+00	13.533	2.707	6.532E-11	23.020	4.604	3.215E-10	10.556	2.111	3.100E-11	42.854	8.571	2.074E-09
186	-3.990	0.000	0.000E+00	17.723	3.545	1.467E-10	16.574	3.315	1.200E-10	7.469	1.494	1.098E-11	39.171	7.834	1.584E-09	28.929	5.786	6.381E-10	7.308	1.462	1.029E-11
187	-8.804	0.000	0.000E+00	8.601	1.720	1.677E-11	-7.350	0.000	0.000E+00	12.597	2.519	5.269E-11	-8.960	0.000	0.000E+00	-8.271	0.000	0.000E+00	49.703	9.941	3.236E-09
188	33.530	6.706	9.935E-10	15.251	3.050	9.349E-11	44.086	8.817	2.258E-09	47.758	9.552	2.871E-09	49.496	9.899	3.196E-09	17.894	3.579	1.510E-10	-9.061	0.000	0.000E+00
189	-17.946	0.000	0.000E+00	21.105	4.221	2.478E-10	12.545	2.509	5.204E-11	9.426	1.885	2.208E-11	12.646	2.529	5.330E-11	21.953	4.391	2.788E-10	-7.531	0.000	0.000E+00
190	22.359	4.472	2.946E-10	-12.137	0.000	0.000E+00	-10.279	0.000	0.000E+00	31.637	6.327	8.346E-10	16.594	3.319	1.204E-10	8.957	1.791	1.894E-11	12.396	2.479	5.021E-11
191	-11.207	0.000	0.000E+00	18.162	3.632	1.579E-10	49.008	9.802	3.102E-09	44.714	8.943	2.356E-09	8.075	1.615	1.388E-11	-12.075	0.000	0.000E+00	-9.851	0.000	0.000E+00
192	53.100	10.620	3.946E-09	11.012	2.202	3.519E-11	10.636	2.127	3.171E-11	13.594	2.719	6.621E-11	17.680	3.536	1.457E-10	14.073	2.815	7.346E-11	15.341	3.068	9.516E-11
193	-6.107	0.000	0.000E+00	-19.155	0.000	0.000E+00	15.936	3.187	1.067E-10	13.762	2.752	6.870E-11	31.193	6.239	8.000E-10	11.401	2.280	3.906E-11	10.970	2.194	3.480E-11
194	19.075	3.815	1.829E-10	22.608	4.522	3.045E-10	27.640	5.528	5.565E-10	34.597	6.919	1.091E-09	9.501	1.900	2.260E-11	10.193	2.039	2.792E-11	16.101	3.220	1.100E-10
195	18.017	3.603	1.542E-10	7.882	1.576	1.291E-11	-12.100	0.000	0.000E+00	9.277	1.855	2.104E-11	7.454	1.491	1.091E-11	46.640	9.328	2.674E-09	-10.054	0.000	0.000E+00
196	10.837	2.167	3.354E-11	40.081	8.016	1.697E-09	-34.825	0.000	0.000E+00	63.218	12.644	6.659E-09	12.702	2.540	5.401E-11	-10.294	0.000	0.000E+00	41.856	8.371	1.933E-09
197	28.746	5.749	6.261E-10	-13.568	0.000	0.000E+00	32.526	6.505	9.069E-10	-63.057	0.000	0.000E+00	11.348	2.270	3.852E-11	55.261	11.052	4.448E-09	-5.381	0.000	0.000E+00
198	51.792	10.358	3.662E-09	46.808	9.362	2.703E-09	48.999	9.800	3.101E-09	-13.962	0.000	0.000E+00	11.747	2.349	4.273E-11	18.182	3.636	1.584E-10	-7.835	0.000	0.000E+00
199	-8.437	0.000	0.000E+00	51.772	10.354	3.657E-09	9.089	1.818	1.979E-11	-8.796	0.000	0.000E+00	29.766	5.953	6.951E-10	51.087	10.217	3.514E-09	-11.698	0.000	0.000E+00
200	15.898	3.180	1.059E-10	21.071	4.214	2.466E-10	11.624	2.325	4.139E-11	20.099	4.020	2.140E-10	24.163	4.833	3.718E-10	24.109	4.822	3.693E-10	13.629	2.726	6.672E-11
201	-3.614	0.000	0.000E+00	8.922	1.784	1.872E-11	16.015	3.203	1.083E-10	9.155	1.831	2.022E-11	44.953	8.991	2.394E-09	-17.779	0.000	0.000E+00	15.116	3.023	9.103E-11
202	9.460	1.892	2.232E-11	50.386	10.077	3.372E-09	16.054	3.211	1.091E-10	7.431	1.486	1.081E-11	33.226	6.645	9.667E-10	-8.987	0.000	0.000E+00	10.322	2.064	2.899E-11
203	13.874	2.775	7.038E-11	11.369	2.274	3.873E-11	13.380	2.676	6.314E-11	9.680	1.936	2.391E-11	16.855	3.371	1.262E-10	-13.982	0.000	0.000E+00	8.788	1.758	1.789E-11
204	-7.282	0.000	0.000E+00	-9.333	0.000	0.000E+00	80.932	16.186	1.397E-08	8.995	1.799	1.919E-11	15.147	3.029	9.160E-11	12.593	2.519	5.263E-11	67.122	13.424	7.970E-09
205	14.480	2.896	8.001E-11	31.855	6.371	8.520E-10	18.713	3.743	1.727E-10	31.398	6.280	8.158E-10	8.776	1.755	1.782E-11	9.739	1.948	2.435E-11	-43.317	0.000	0.000E+00
206	9.055	1.811	1.957E-11	59.153	11.831	5.455E-09	9.702	1.940	2.407E-11	17.595	3.519	1.436E-10	-11.214	0.000	0.000E+00	-4.635	0.000	0.000E+00	12.553	2.511	5.214E-11
207	15.359	3.072	9.549E-11	-32.636	0.000	0.000E+00	44.357	8.871	2.300E-09	9.198	1.840	2.051E-11	29.357	5.871	6.668E-10	-11.381	0.000	0.000E+00	-8.026	0.000	0.000E+00
208	17.468	3.494	1.405E-10	53.932	10.786	4.134E-09	19.766	3.953	2.035E-10	18.953	3.791	1.794E-10	38.806	7.761	1.540E-09	8.764	1.753	1.774E-11	38.839	7.768	1.544E-09
209	9.013	1.803	1.930E-11	57.051	11.410	4.894E-09	-9.256	0.000	0.000E+00	56.501	11.300	4.754E-09	23.180	4.636	3.283E-10	14.112	2.822	7.408E-11	45.012	9.002	2.404E-09
210	34.639	6.928	1.095E-09	15.750	3.150	1.030E-10	49.259	9.852	3.150E-09	8.938	1.788	1.882E-11	32.274	6.455	8.860E-10	9.619	1.924	2.346E-11	50.888	10.178	3.473E-09
211	65.383	13.077	7.367E-09	-8.384	0.000	0.000E+00	18.357	3.671	1.630E-10	16.116	3.223	1.103E-10	7.855	1.571	1.277E-11	10.301	2.060	2.881E-11	12.662	2.532	5.350E-11
212	8.226	1.645	1.645E-11	14.230	2.846	7.595E-11	12.094	2.419	4.663E-11	50.654	10.131	3.462E-09	8.173	1.635	1.439E-11	13.508	2.702	6.497E-11	17.113	3.423	1.321E-10
213	-8.044	0.000	0.000E+00	11.930	2.386	4.476E-11	-7.755	0.000	0.000E+00	23.490	4.698	3.416E-10	31.551	6.310	8.278E-10	14.793	2.959	8.531E-11	13.879	2.776	7.047E-11
214	19.290	3.858	1.892E-10	9.750	1.950	2.443E-11	30.659	6.132	7.595E-10	9.651	1.930	2.369E-11	7.045	1.409	9.216E-12	-9.564	0.000	0.000E+00	15.437	3.087	9.696E-11
215	-7.345	0.000	0.000E+00	13.556	2.711	6.566E-11	9.987	1.997	2.625E-11	37.868	7.574	1.431E-09	12.021	2.404	4.579E-11	12.826	2.565	5.561E-11	-17.792	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
216	10.304	2.061	2.883E-11	15.283	3.057	9.408E-11	15.939	3.188	1.067E-10	34.201	6.840	1.054E-09	24.037	4.807	3.660E-10	3.301	0.660	9.482E-13	9.513	1.903	2.269E-11
217	9.093	1.819	1.982E-11	44.358	8.872	2.300E-09	41.874	8.375	1.935E-09	12.898	2.580	5.655E-11	8.731	1.746	1.754E-11	-7.333	0.000	0.000E+00	-7.732	0.000	0.000E+00
218	-14.096	0.000	0.000E+00	15.313	3.063	9.464E-11	-6.269	0.000	0.000E+00	30.746	6.149	7.661E-10	8.409	1.682	1.567E-11	12.206	2.441	4.793E-11	38.160	7.632	1.465E-09
219	60.195	12.039	5.749E-09	14.496	2.899	8.029E-11	-3.955	0.000	0.000E+00	13.075	2.615	5.892E-11	16.244	3.249	1.130E-10	12.378	2.476	4.998E-11	-13.165	0.000	0.000E+00
220	10.627	2.125	3.164E-11	-8.555	0.000	0.000E+00	17.459	3.492	1.403E-10	71.453	14.291	9.615E-09	19.707	3.941	2.017E-10	-8.642	0.000	0.000E+00	58.608	11.722	5.306E-09
221	35.629	7.126	1.192E-09	61.127	12.225	6.020E-09	14.691	2.938	8.357E-11	-19.452	0.000	0.000E+00	16.578	3.316	1.201E-10	-6.254	0.000	0.000E+00	7.814	1.563	1.258E-11
222	5.011	1.002	3.317E-12	-24.782	0.000	0.000E+00	10.719	2.144	3.246E-11	9.596	1.919	2.329E-11	11.220	2.244	3.723E-11	4.826	0.965	2.962E-12	12.672	2.534	5.363E-11
223	16.855	3.371	1.262E-10	9.985	1.997	2.624E-11	9.252	1.850	2.087E-11	16.237	3.247	1.128E-10	9.695	1.939	2.402E-11	9.834	1.967	2.507E-11	10.640	2.128	3.175E-11
224	7.316	1.463	1.032E-10	18.299	3.660	1.615E-10	32.196	6.439	8.796E-10	15.274	3.055	9.392E-11	37.111	7.422	1.347E-09	8.880	1.776	1.846E-11	9.686	1.937	2.395E-11
225	10.208	2.042	2.803E-11	11.276	2.255	3.778E-11	7.428	1.486	1.080E-11	23.677	4.735	3.498E-10	-7.464	0.000	0.000E+00	-5.574	0.000	0.000E+00	10.555	2.111	3.099E-11
226	8.326	1.665	1.521E-11	-6.333	0.000	0.000E+00	23.869	4.774	3.584E-10	10.579	2.116	3.120E-11	33.597	6.719	9.995E-10	6.888	1.378	8.612E-12	12.544	2.509	5.202E-11
227	-8.674	0.000	0.000E+00	-10.287	0.000	0.000E+00	4.487	0.897	2.381E-12	-7.819	0.000	0.000E+00	9.147	1.829	2.017E-11	13.319	2.664	6.227E-11	47.461	9.492	2.818E-09
228	9.716	1.943	2.417E-11	11.834	2.367	4.368E-11	11.107	2.221	3.611E-11	12.786	2.557	5.509E-11	14.181	2.836	7.516E-11	14.558	2.912	8.132E-11	-13.806	0.000	0.000E+00
229	-11.520	0.000	0.000E+00	-6.147	0.000	0.000E+00	20.449	4.090	2.254E-10	52.973	10.595	3.918E-09	7.934	1.587	1.316E-11	5.179	1.036	3.660E-12	32.650	6.530	9.173E-10
230	6.423	1.285	6.984E-12	-10.806	0.000	0.000E+00	14.361	2.872	7.806E-11	10.420	2.084	2.982E-11	-5.496	0.000	0.000E+00	7.847	1.569	1.273E-11	7.723	1.545	1.214E-11
231	-9.881	0.000	0.000E+00	-13.243	0.000	0.000E+00	-12.828	0.000	0.000E+00	13.652	2.730	6.706E-11	-13.035	0.000	0.000E+00	-9.988	0.000	0.000E+00	13.361	2.672	6.286E-11
232	14.571	2.914	8.154E-11	16.276	3.255	1.137E-10	8.329	1.666	1.523E-11	13.589	2.718	6.613E-11	-13.236	0.000	0.000E+00	11.188	2.238	3.691E-11	8.032	1.606	1.366E-11
233	9.447	1.889	2.222E-11	21.350	4.270	2.565E-10	9.987	1.997	2.625E-11	37.501	7.500	1.390E-09	9.197	1.839	2.050E-11	12.845	2.569	5.585E-11	-15.350	0.000	0.000E+00
234	11.187	2.237	3.690E-11	-7.804	0.000	0.000E+00	16.916	3.383	1.276E-10	27.464	5.493	5.460E-10	51.813	10.363	3.666E-09	13.982	2.796	7.205E-11	-13.894	0.000	0.000E+00
235	16.653	3.331	1.217E-10	11.039	2.208	3.546E-11	6.895	1.379	8.640E-12	12.903	2.581	5.661E-11	17.300	3.460	1.365E-10	-11.151	0.000	0.000E+00	19.399	3.880	1.924E-10
236	5.816	1.163	5.186E-12	12.730	2.546	5.437E-11	60.358	12.072	5.796E-09	11.551	2.310	4.062E-11	-17.658	0.000	0.000E+00	6.812	1.362	8.332E-12	22.911	4.582	3.170E-10
237	-9.564	0.000	0.000E+00	-8.003	0.000	0.000E+00	13.970	2.794	7.186E-11	10.295	2.059	2.876E-11	12.979	2.596	5.763E-11	12.943	2.589	5.714E-11	22.973	4.595	3.195E-10
238	14.124	2.825	7.426E-11	15.210	3.042	9.274E-11	-5.508	0.000	0.000E+00	8.147	1.629	1.425E-11	16.151	3.230	1.110E-10	21.236	4.247	2.524E-10	8.484	1.697	1.609E-11
239	15.359	3.072	9.550E-11	13.282	2.656	6.175E-11	11.432	2.286	3.938E-11	-9.426	0.000	0.000E+00	8.154	1.631	1.429E-11	13.541	2.708	6.543E-11	-7.032	0.000	0.000E+00
240	9.092	1.818	1.981E-11	5.976	1.195	5.626E-12	-11.086	0.000	0.000E+00	6.955	1.391	8.867E-12	65.504	13.101	7.408E-09	15.582	3.116	9.971E-11	11.424	2.285	3.929E-11
241	8.938	1.788	1.882E-11	7.754	1.551	1.229E-11	12.406	2.481	5.033E-11	18.198	3.640	1.588E-10	24.878	4.976	4.058E-10	47.659	9.532	2.853E-09	-7.035	0.000	0.000E+00
242	49.568	9.914	3.210E-09	9.908	1.982	2.564E-11	17.828	3.566	1.493E-10	8.233	1.647	1.471E-11	21.191	4.238	2.508E-10	9.560	1.912	2.303E-11	6.630	1.326	7.681E-12
243	-10.023	0.000	0.000E+00	9.550	1.910	2.296E-11	14.374	2.875	7.828E-11	14.781	2.956	8.511E-11	9.376	1.875	2.173E-11	11.872	2.374	4.411E-11	-17.906	0.000	0.000E+00
244	18.811	3.762	1.754E-10	12.585	2.517	5.254E-11	7.186	1.437	9.781E-12	-16.474	0.000	0.000E+00	14.998	3.000	8.891E-11	-8.975	0.000	0.000E+00	30.258	6.052	7.302E-10
245	11.568	2.314	4.080E-11	-6.518	0.000	0.000E+00	-13.002	0.000	0.000E+00	-8.088	0.000	0.000E+00	10.230	2.046	2.822E-11	9.322	1.864	2.135E-11	-10.909	0.000	0.000E+00
246	24.386	4.877	3.822E-10	15.646	3.129	1.009E-10	22.895	4.579	3.163E-10	16.092	3.218	1.098E-10	12.549	2.510	5.208E-11	8.470	1.694	1.601E-11	6.145	1.229	6.115E-12
247	15.248	3.050	9.344E-11	10.224	2.045	2.817E-11	5.741	1.148	4.987E-12	33.472	6.694	9.884E-10	15.249	3.050	9.346E-11	-11.693	0.000	0.000E+00	-5.124	0.000	0.000E+00
248	9.658	1.932	2.374E-11	15.782	3.156	1.036E-10	-10.005	0.000	0.000E+00	9.447	1.889	2.222E-11	-14.373	0.000	0.000E+00	10.352	2.070	2.924E-11	9.969	1.994	2.611E-11
249	15.163	3.033	9.189E-11	9.647	1.929	2.367E-11	-16.185	0.000	0.000E+00	11.829	2.366	4.363E-11	32.066	6.413	8.690E-10	9.590	1.918	2.325E-11	8.383	1.677	1.553E-11
250	14.675	2.935	8.329E-11	12.181	2.436	4.764E-11	31.128	6.226	7.949E-10	17.434	3.487	1.397E-10	19.964	3.993	2.097E-10	9.541	1.908	2.289E-11	-16.268	0.000	0.000E+00
251	15.052	3.010	8.988E-11	10.795	2.159	3.316E-11	8.637	1.727	1.698E-11	47.191	9.438	2.770E-09	14.508	2.902	8.049E-11	8.849	1.770	1.827E-11	49.889	9.978	3.273E-09
252	-5.925	0.000	0.000E+00	38.181	7.636	1.467E-09	39.883	7.977	1.672E-09	8.092	1.618	1.397E-11	21.053	4.211	2.459E-10	-8.340	0.000	0.000E+00	13.438	2.688	6.396E-11
253	17.535	3.507	1.421E-10	16.926	3.385	1.278E-10	59.301	11.860	5.496E-09	18.273	3.655	1.608E-10	-8.122	0.000	0.000E+00	40.611	8.122	1.765E-09	9.814	1.963	2.491E-11
254	45.004	9.001	2.402E-09	9.148	1.830	2.018E-11	11.211	2.242	3.714E-11	14.695	2.939	8.364E-11	11.068	2.214	3.574E-11	15.543	3.109	9.896E-11	40.651	8.130	1.770E-09
255	-5.524	0.000	0.000E+00	58.086	11.617	5.165E-09	10.622	2.124	3.159E-11	6.907	1.381	8.684E-12	18.173	3.635	1.582E-10	10.452	2.090	3.009E-11	11.831	2.366	4.364E-11
256	-9.847	0.000	0.000E+00	29.753	5.951	6.942E-10	20.778	4.156	2.364E-10	-8.847	0.000	0.000E+00	9.155	1.831	2.022E-11	12.680	2.536	5.374E-11	17.329	3.466	1.371E-10
257	-9.894	0.000	0.000E+00	12.012	2.402	4.568E-11	9.363	1.873	2.164E-11	9.860	1.972	2.527E-11	11.119	2.224	3.623E-11	30.426	6.085	7.424E-10	-10.287	0.000	0.000E+00
258	50.236	10.047	3.341E-09	-6.398	0.000	0.000E+00	-8.058	0.000	0.000E+00	46.409	9.282	2.635E-09	16.549	3.310	1.194E-10	-19.413	0.000	0.000E+00	10.723	2.145	3.250E-11
259	10.665	2.133	3.197E-11	9.114	1.823	1.995E-11	13.855	2.771	7.010E-11	10.458	2.092	3.015E-11	9.521	1.904	2.275E-11	8.494	1.699	1.615E-11	19.697	3.939	2.014E-10
260	13.333	2.667	6.247E-11	11.784	2.357	4.313E-11	13.103	2.621	5.930E-11	7.377	1.475	1.058E-11	10.112	2.022	2.725E-11	11.137	2.227	3.640E-11	-36.390	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
261	6.925	1.385	8.755E-12	48.913	9.783	3.084E-09	6.883	1.377	8.596E-12	-8.674	0.000	0.000E+00	29.714	5.943	6.915E-10	18.625	3.725	1.703E-10	8.731	1.746	1.755E-11
262	12.350	2.470	4.965E-11	15.434	3.087	9.691E-11	11.866	2.373	4.403E-11	-12.089	0.000	0.000E+00	19.531	3.906	1.964E-10	53.065	10.613	3.938E-09	10.259	2.052	2.846E-11
263	7.569	1.514	1.143E-11	19.524	3.905	1.962E-10	-6.064	0.000	0.000E+00	17.469	3.494	1.405E-10	41.384	8.277	1.868E-09	18.977	3.795	1.801E-10	10.977	2.195	3.486E-11
264	30.937	6.187	7.804E-10	11.189	2.238	3.692E-11	9.344	1.869	2.151E-11	12.303	2.461	4.908E-11	12.323	2.465	4.932E-11	10.160	2.032	2.765E-11	48.718	9.744	3.048E-09
265	61.406	12.281	6.103E-09	12.293	2.459	4.896E-11	-6.373	0.000	0.000E+00	28.037	5.607	5.809E-10	12.171	2.434	4.752E-11	17.667	3.533	1.453E-10	9.277	1.855	2.104E-11
266	11.917	2.383	4.460E-11	-11.369	0.000	0.000E+00	12.989	2.598	5.776E-11	10.318	2.064	2.895E-11	25.085	5.017	4.160E-10	-7.260	0.000	0.000E+00	12.632	2.526	5.313E-11
267	11.717	2.343	4.240E-11	11.771	2.354	4.299E-11	9.961	1.992	2.605E-11	-10.515	0.000	0.000E+00	30.629	6.126	7.574E-10	17.523	3.505	1.418E-10	9.440	1.888	2.217E-11
268	14.220	2.844	7.578E-11	-8.545	0.000	0.000E+00	48.384	9.677	2.985E-09	9.486	1.897	2.250E-11	42.365	8.473	2.004E-09	48.274	9.655	2.965E-09	6.871	1.374	8.549E-12
269	-11.815	0.000	0.000E+00	16.156	3.231	1.111E-10	16.673	3.335	1.222E-10	9.075	1.815	1.970E-11	25.246	5.049	4.241E-10	8.212	1.642	1.460E-11	33.133	6.627	9.587E-10
270	-14.937	0.000	0.000E+00	18.398	3.680	1.641E-10	10.959	2.192	3.469E-11	15.284	3.057	9.410E-11	15.933	3.187	1.066E-10	7.998	1.600	1.349E-11	29.512	5.902	6.775E-10
271	4.311	0.862	2.111E-12	6.862	1.372	8.518E-12	13.288	2.658	6.184E-11	-10.718	0.000	0.000E+00	32.902	6.580	9.387E-10	-10.742	0.000	0.000E+00	-11.371	0.000	0.000E+00
272	-5.970	0.000	0.000E+00	14.217	2.843	7.573E-11	14.121	2.824	7.422E-11	-6.698	0.000	0.000E+00	-14.493	0.000	0.000E+00	9.424	1.885	2.206E-11	16.596	3.319	1.205E-10
273	9.950	1.990	2.596E-11	10.046	2.009	2.672E-11	15.502	3.100	9.818E-11	-7.264	0.000	0.000E+00	29.807	5.961	6.980E-10	16.189	3.238	1.118E-10	-9.741	0.000	0.000E+00
274	8.479	1.696	1.607E-11	10.794	2.159	3.315E-11	10.495	2.099	3.047E-11	50.079	10.016	3.310E-09	32.426	6.485	8.986E-10	-7.943	0.000	0.000E+00	10.384	2.077	2.951E-11
275	52.076	10.415	3.722E-09	12.633	2.527	5.313E-11	15.481	3.096	9.779E-11	12.992	2.598	5.780E-11	-46.398	0.000	0.000E+00	7.800	1.560	1.251E-11	11.234	2.247	7.737E-11
276	-7.980	0.000	0.000E+00	14.676	2.935	8.332E-11	18.403	3.681	1.643E-10	18.880	3.776	1.774E-10	49.384	9.877	3.174E-09	-8.030	0.000	0.000E+00	24.064	4.813	3.673E-10
277	-9.072	0.000	0.000E+00	12.964	2.593	5.743E-11	8.981	1.796	1.909E-11	31.233	6.247	8.030E-10	36.953	7.391	1.330E-09	-9.565	0.000	0.000E+00	16.269	3.254	1.135E-10
278	7.295	1.459	1.023E-11	52.390	10.478	3.790E-09	10.905	2.181	3.418E-11	11.868	2.374	4.406E-11	-32.893	0.000	0.000E+00	8.891	1.778	1.852E-11	11.952	2.390	4.500E-11
279	-7.625	0.000	0.000E+00	10.555	2.111	3.099E-11	8.782	1.756	1.785E-11	78.817	15.763	1.290E-08	14.345	2.869	7.780E-11	18.178	3.636	1.583E-10	28.067	5.613	5.828E-10
280	34.578	6.916	1.090E-09	7.425	1.485	1.079E-11	14.254	2.851	7.633E-11	13.244	2.649	6.123E-11	5.990	1.198	5.665E-12	46.447	9.289	2.641E-09	7.584	1.517	1.150E-11
281	32.131	6.426	8.743E-10	18.014	3.603	1.541E-10	9.309	1.862	2.126E-11	18.471	3.694	1.661E-10	11.987	2.397	4.540E-11	-9.731	0.000	0.000E+00	16.182	3.236	1.117E-10
282	16.090	3.218	1.098E-10	10.082	2.016	2.701E-11	12.849	2.570	5.591E-11	-6.493	0.000	0.000E+00	18.713	3.743	1.727E-10	-10.385	0.000	0.000E+00	-8.323	0.000	0.000E+00
283	6.348	1.270	6.743E-12	7.469	1.494	1.098E-11	14.905	2.981	8.727E-11	5.899	1.180	5.411E-12	16.352	3.270	1.152E-10	7.632	1.526	1.172E-11	6.705	1.341	7.945E-12
284	10.664	2.133	3.197E-11	10.144	2.029	2.751E-11	41.001	8.200	1.817E-09	54.204	10.841	4.198E-09	22.480	4.496	2.994E-10	17.000	3.400	1.295E-10	-6.419	0.000	0.000E+00
285	13.656	2.731	6.712E-11	7.513	1.503	1.118E-11	-11.067	0.000	0.000E+00	8.199	1.640	1.453E-11	18.815	3.763	1.756E-10	-6.607	0.000	0.000E+00	15.122	3.024	9.115E-11
286	-6.184	0.000	0.000E+00	8.573	1.715	1.660E-11	8.155	1.631	1.429E-11	28.432	5.686	6.058E-10	15.108	3.022	9.089E-11	10.236	2.047	2.826E-11	-9.660	0.000	0.000E+00
287	4.903	0.981	3.106E-12	14.176	2.835	7.509E-11	45.102	9.020	2.418E-09	17.379	3.476	1.384E-10	29.795	5.959	6.972E-10	-7.414	0.000	0.000E+00	9.959	1.992	2.603E-11
288	10.924	2.185	3.436E-11	14.373	2.875	7.825E-11	9.921	1.984	2.574E-11	8.490	1.698	1.613E-11	11.876	2.375	4.415E-11	7.274	1.455	1.014E-11	-5.480	0.000	0.000E+00
289	5.178	1.036	3.659E-12	-14.843	0.000	0.000E+00	-10.217	0.000	0.000E+00	9.966	1.993	2.609E-11	23.671	4.734	3.496E-10	57.355	11.471	4.973E-09	8.930	1.786	1.877E-11
290	15.481	3.096	9.778E-11	-11.313	0.000	0.000E+00	-15.421	0.000	0.000E+00	56.044	11.209	4.640E-09	13.480	2.696	6.456E-11	7.782	1.556	1.242E-11	79.904	15.981	1.345E-08
291	13.270	2.654	6.159E-11	6.545	1.309	7.391E-12	8.068	1.614	1.384E-11	8.162	1.632	1.433E-11	15.325	3.065	9.486E-11	16.453	3.291	1.174E-10	15.160	3.032	9.184E-11
292	11.109	2.222	3.613E-11	10.776	2.155	3.298E-11	64.375	12.875	7.031E-09	12.826	2.565	5.561E-11	85.695	17.139	1.659E-08	16.996	3.399	1.294E-10	16.028	3.206	1.085E-10
293	10.134	2.027	2.743E-11	-12.485	0.000	0.000E+00	11.791	2.358	4.321E-11	46.615	9.323	2.670E-09	10.008	2.002	2.642E-11	10.155	2.031	2.760E-11	-5.693	0.000	0.000E+00
294	18.190	3.638	1.586E-10	61.038	12.208	5.994E-09	-16.923	0.000	0.000E+00	-8.605	0.000	0.000E+00	24.616	4.923	3.931E-10	41.957	8.391	1.947E-09	17.534	3.507	1.421E-10
295	11.238	2.248	3.740E-11	11.483	2.297	3.991E-11	10.702	2.140	3.230E-11	18.042	3.608	1.548E-10	15.181	3.036	9.222E-11	17.542	3.508	1.423E-10	13.578	2.716	6.598E-11
296	13.979	2.796	7.200E-11	8.728	1.746	1.752E-11	13.875	2.775	7.040E-11	-7.031	0.000	0.000E+00	47.444	9.489	2.815E-09	8.470	1.694	1.601E-11	24.218	4.844	3.744E-10
297	9.059	1.812	1.959E-11	12.821	2.564	5.554E-11	14.563	2.913	8.141E-11	15.873	3.175	1.054E-10	22.932	4.586	3.178E-10	14.001	2.800	7.233E-11	9.925	1.985	2.577E-11
298	10.115	2.023	2.727E-11	9.695	1.939	2.402E-11	12.398	2.480	5.022E-11	20.035	4.007	2.120E-10	-13.532	0.000	0.000E+00	-9.061	0.000	0.000E+00	14.074	2.815	7.347E-11
299	-8.541	0.000	0.000E+00	-5.967	0.000	0.000E+00	46.039	9.208	2.572E-09	83.660	16.732	1.543E-08	-14.524	0.000	0.000E+00	9.643	1.929	2.364E-11	9.177	1.835	2.037E-11
300	18.675	3.735	1.717E-10	-10.635	0.000	0.000E+00	9.469	1.894	2.238E-11	11.355	2.271	3.859E-11	69.324	13.865	8.781E-09	13.372	2.674	6.301E-11	-15.675	0.000	0.000E+00
301	7.943	1.589	1.321E-11	18.837	3.767	1.762E-10	11.033	2.207	3.539E-11	57.915	11.583	5.120E-09	-11.180	0.000	0.000E+00	-5.844	0.000	0.000E+00	11.380	2.276	3.884E-11
302	50.334	10.067	3.361E-09	38.880	7.776	1.549E-09	12.064	2.413	4.627E-11	48.304	9.661	2.971E-09	-13.393	0.000	0.000E+00	18.773	3.755	1.744E-10	-7.928	0.000	0.000E+00
303	17.332	3.466	1.372E-10	-47.619	0.000	0.000E+00	9.097	1.819	1.984E-11	-8.619	0.000	0.000E+00	-15.125	0.000	0.000E+00	-6.208	0.000	0.000E+00	12.566	2.513	5.229E-11
304	16.768	3.354	1.243E-10	12.773	2.555	5.493E-11	10.554	2.111	3.098E-11	13.308	2.662	6.212E-11	16.521	3.304	1.188E-10	5.429	1.086	4.217E-12	49.511	9.902	3.199E-09
305	13.775	2.755	6.889E-11	15.429	3.086	9.681E-11	-18.843	0.000	0.000E+00	7.559	1.512	1.139E-11	41.156	8.231	1.837E-09	-12.847	0.000	0.000E+00	6.673	1.335	7.831E-12

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
306	-10.982	0.000	0.000E+00	8.588	1.718	1.669E-11	14.763	2.953	8.481E-11	20.566	4.113	2.293E-10	13.055	2.611	5.865E-11	13.883	2.777	7.053E-11	11.739	2.348	4.263E-11
307	9.357	1.871	2.159E-11	14.518	2.904	8.065E-11	14.637	2.927	8.266E-11	30.295	6.059	7.329E-10	12.531	2.506	5.186E-11	9.648	1.930	2.367E-11	10.319	2.064	2.896E-11
308	10.574	2.115	3.116E-11	6.379	1.276	6.841E-12	12.863	2.573	5.610E-11	11.774	2.355	4.302E-11	-8.597	0.000	0.000E+00	14.687	2.937	8.349E-11	15.438	3.088	9.698E-11
309	10.235	2.047	2.826E-11	19.892	3.978	2.074E-10	-8.955	0.000	0.000E+00	47.287	9.457	2.787E-09	-6.596	0.000	0.000E+00	12.492	2.498	5.138E-11	23.307	4.661	3.337E-10
310	9.068	1.814	1.965E-11	13.002	2.600	5.793E-11	-7.980	0.000	0.000E+00	44.081	8.816	2.258E-09	27.104	5.421	5.248E-10	5.969	1.194	5.606E-12	-6.609	0.000	0.000E+00
311	12.211	2.442	4.799E-11	19.832	3.966	2.056E-10	6.797	1.359	8.275E-12	33.648	6.730	1.004E-09	9.901	1.980	2.558E-11	-6.206	0.000	0.000E+00	-8.776	0.000	0.000E+00
312	7.693	1.539	1.200E-11	10.488	2.098	3.041E-11	9.655	1.931	2.372E-11	9.191	1.838	2.046E-11	20.676	4.135	2.330E-10	10.849	2.170	3.365E-11	-6.526	0.000	0.000E+00
313	20.722	4.144	2.345E-10	14.842	2.968	8.617E-11	-13.541	0.000	0.000E+00	29.647	5.929	6.868E-10	18.915	3.783	1.784E-10	-16.216	0.000	0.000E+00	6.342	1.268	6.724E-12
314	46.111	9.222	2.584E-09	-15.768	0.000	0.000E+00	19.072	3.814	1.828E-10	-8.409	0.000	0.000E+00	52.882	10.576	3.898E-09	5.216	1.043	3.740E-12	52.360	10.472	3.784E-09
315	44.867	8.973	2.381E-09	14.736	2.947	8.433E-11	12.654	2.531	5.340E-11	14.972	2.994	8.846E-11	10.944	2.189	3.455E-11	44.182	8.836	2.273E-09	7.843	1.569	1.271E-11
316	10.842	2.168	3.359E-11	-9.667	0.000	0.000E+00	19.569	3.914	1.975E-10	17.872	3.574	1.505E-10	10.720	2.144	3.247E-11	9.162	1.832	2.027E-11	-12.571	0.000	0.000E+00
317	-8.872	0.000	0.000E+00	10.834	2.167	3.351E-11	11.082	2.216	3.587E-11	9.778	1.956	2.464E-11	45.236	9.047	2.440E-09	42.576	8.515	2.034E-09	10.355	2.071	2.926E-11
318	-7.537	0.000	0.000E+00	6.742	1.348	8.075E-12	8.838	1.768	1.820E-11	10.942	2.188	3.453E-11	13.412	2.682	6.359E-11	-17.040	0.000	0.000E+00	-13.095	0.000	0.000E+00
319	10.180	2.036	2.780E-11	17.118	3.424	1.322E-10	-10.403	0.000	0.000E+00	25.221	5.044	4.229E-10	48.925	9.785	3.087E-09	15.485	3.097	9.786E-11	8.307	1.661	1.511E-11
320	-14.405	0.000	0.000E+00	-6.334	0.000	0.000E+00	10.716	2.143	3.243E-11	11.779	2.356	4.308E-11	9.910	1.982	2.565E-11	13.638	2.728	6.686E-11	18.815	3.763	1.755E-10
321	20.226	4.045	2.181E-10	19.602	3.920	1.985E-10	-9.105	0.000	0.000E+00	-12.891	0.000	0.000E+00	12.604	2.521	5.278E-11	16.381	3.276	1.159E-10	10.224	2.045	2.817E-11
322	10.476	2.095	3.030E-11	-8.269	0.000	0.000E+00	17.048	3.410	1.306E-10	15.418	3.084	9.659E-11	5.884	1.177	5.370E-12	-12.745	0.000	0.000E+00	10.992	2.198	3.501E-11
323	4.144	0.829	1.876E-12	13.062	2.612	5.874E-11	41.492	8.298	1.883E-09	12.631	2.526	5.312E-11	15.588	3.118	9.983E-11	18.489	3.698	1.666E-10	-10.436	0.000	0.000E+00
324	40.396	8.079	1.737E-09	-10.601	0.000	0.000E+00	13.973	2.795	7.190E-11	7.704	1.541	1.205E-11	11.528	2.306	4.037E-11	12.319	2.464	4.928E-11	-9.342	0.000	0.000E+00
325	-7.025	0.000	0.000E+00	7.168	1.434	9.707E-12	45.465	9.093	2.477E-09	37.497	7.499	1.390E-09	36.571	7.314	1.289E-09	5.347	1.069	4.029E-12	12.977	2.595	5.760E-11
326	8.501	1.700	1.619E-11	7.178	1.436	9.747E-12	6.599	1.320	7.575E-12	10.612	2.122	3.150E-11	-51.544	0.000	0.000E+00	14.784	2.957	8.516E-11	-8.650	0.000	0.000E+00
327	10.461	2.092	3.017E-11	13.112	2.622	5.942E-11	18.365	3.673	1.633E-10	-9.006	0.000	0.000E+00	12.034	2.407	4.593E-11	-9.031	0.000	0.000E+00	15.453	3.091	9.726E-11
328	10.759	2.152	3.283E-11	23.924	4.785	3.609E-10	16.293	3.259	1.140E-10	38.374	7.675	1.489E-09	-7.490	0.000	0.000E+00	-12.474	0.000	0.000E+00	9.730	1.946	2.428E-11
329	15.792	3.158	1.038E-10	11.142	2.228	3.646E-11	13.546	2.709	6.552E-11	51.847	10.369	3.673E-09	92.666	18.533	2.097E-08	-14.353	0.000	0.000E+00	5.259	1.052	3.833E-12
330	5.811	1.162	5.171E-12	-14.148	0.000	0.000E+00	-6.766	0.000	0.000E+00	10.568	2.114	3.110E-11	-15.978	0.000	0.000E+00	-8.954	0.000	0.000E+00	-12.929	0.000	0.000E+00
331	3.511	0.702	1.141E-12	8.993	1.799	1.917E-11	12.241	2.448	4.834E-11	20.910	4.182	2.410E-10	13.065	2.613	5.877E-11	-6.539	0.000	0.000E+00	-5.406	0.000	0.000E+00
332	28.659	5.732	6.204E-10	-7.304	0.000	0.000E+00	-9.157	0.000	0.000E+00	12.005	2.401	4.560E-11	13.723	2.745	6.812E-11	17.595	3.519	1.436E-10	-6.943	0.000	0.000E+00
333	-23.614	0.000	0.000E+00	12.694	2.539	5.391E-11	9.087	1.817	1.978E-11	-16.538	0.000	0.000E+00	8.405	1.681	1.565E-11	7.945	1.589	1.322E-11	-11.030	0.000	0.000E+00
334	8.784	1.757	1.786E-11	13.851	2.770	7.004E-11	4.217	0.843	1.977E-12	-12.997	0.000	0.000E+00	50.846	10.169	3.465E-09	33.390	6.678	9.811E-10	-8.137	0.000	0.000E+00
335	21.157	4.231	2.496E-10	7.883	1.577	1.291E-11	-10.613	0.000	0.000E+00	6.942	1.388	8.817E-12	-10.503	0.000	0.000E+00	16.793	3.359	1.248E-10	15.820	3.164	1.044E-10
336	37.228	7.446	1.360E-09	33.124	6.625	9.579E-10	8.962	1.792	1.897E-11	14.426	2.885	7.913E-11	22.474	4.495	2.992E-10	12.351	2.470	4.966E-11	6.472	1.294	7.144E-12
337	-18.901	0.000	0.000E+00	16.442	3.288	1.172E-10	-5.998	0.000	0.000E+00	-6.071	0.000	0.000E+00	36.032	7.206	1.233E-09	-7.958	0.000	0.000E+00	11.143	2.229	3.647E-11
338	-16.508	0.000	0.000E+00	62.433	12.487	6.414E-09	4.877	0.975	3.057E-12	24.730	4.946	3.986E-10	37.809	7.562	1.425E-09	-7.785	0.000	0.000E+00	8.425	1.685	1.576E-11
339	13.535	2.707	6.536E-11	-17.457	0.000	0.000E+00	-11.961	0.000	0.000E+00	15.253	3.051	9.353E-11	14.430	2.886	7.920E-11	14.267	2.853	7.654E-11	-9.219	0.000	0.000E+00
340	13.324	2.665	6.235E-11	17.178	3.436	1.336E-10	14.401	2.880	7.871E-11	4.643	0.929	2.638E-12	16.412	3.282	1.165E-10	8.176	1.635	1.440E-11	-7.765	0.000	0.000E+00
341	14.323	2.865	7.744E-11	10.388	2.078	2.955E-11	9.793	1.959	2.475E-11	-5.685	0.000	0.000E+00	8.373	1.675	1.547E-11	16.323	3.265	1.146E-10	19.014	3.803	1.812E-10
342	19.670	3.934	2.006E-10	9.000	1.800	1.921E-11	-10.268	0.000	0.000E+00	51.264	10.253	3.551E-09	10.412	2.082	2.975E-11	18.732	3.746	1.733E-10	22.449	4.490	2.982E-10
343	52.306	10.461	3.772E-09	-14.579	0.000	0.000E+00	12.273	2.455	4.873E-11	-10.220	0.000	0.000E+00	11.190	2.238	3.693E-11	-26.245	0.000	0.000E+00	5.550	1.110	4.507E-12
344	10.923	2.185	3.435E-11	17.154	3.431	1.330E-10	-15.420	0.000	0.000E+00	-10.575	0.000	0.000E+00	62.337	12.467	6.384E-09	12.937	2.587	5.707E-11	11.314	2.263	3.817E-11
345	10.801	2.160	3.321E-11	9.791	1.958	2.474E-11	18.237	3.647	1.599E-10	7.796	1.559	1.249E-11	7.696	1.539	1.201E-11	-4.867	0.000	0.000E+00	20.225	4.045	2.180E-10
346	30.750	6.150	7.663E-10	7.138	1.428	9.588E-12	-12.107	0.000	0.000E+00	18.245	3.649	1.601E-10	9.641	1.928	2.362E-11	9.031	1.806	1.941E-11	7.743	1.549	1.223E-11
347	6.722	1.344	8.006E-12	-7.397	0.000	0.000E+00	10.689	2.138	3.219E-11	8.440	1.688	1.585E-11	10.140	2.028	2.748E-11	-11.193	0.000	0.000E+00	-9.385	0.000	0.000E+00
348	22.619	4.524	3.050E-10	8.897	1.779	1.856E-11	-19.250	0.000	0.000E+00	11.142	2.228	3.646E-11	-9.077	0.000	0.000E+00	15.812	3.162	1.042E-10	15.098	3.020	9.072E-11
349	-14.116	0.000	0.000E+00	5.282	1.056	3.883E-12	-10.654	0.000	0.000E+00	9.149	1.830	2.018E-11	9.974	1.995	2.615E-11	-20.035	0.000	0.000E+00	-8.387	0.000	0.000E+00
350	11.300	2.260	3.803E-11	22.492	4.498	2.999E-10	9.073	1.815	1.968E-11	10.290	2.058	2.872E-11	-15.197	0.000	0.000E+00	12.609	2.522	5.284E-11	11.282	2.256	3.785E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
351	13.638	2.728	6.686E-11	50.251	10.050	3.344E-09	8.938	1.788	1.882E-11	12.503	2.501	5.151E-11	108.348	21.670	3.352E-08	15.212	3.042	9.279E-11	5.648	1.130	4.748E-12
352	-14.511	0.000	0.000E+00	9.996	1.999	2.632E-11	9.696	1.939	2.403E-11	33.392	6.678	9.813E-10	11.570	2.314	4.082E-11	-4.625	0.000	0.000E+00	134.644	26.929	6.434E-08
353	12.924	2.585	5.690E-11	9.642	1.928	2.363E-11	13.863	2.773	7.021E-11	9.856	1.971	2.524E-11	14.138	2.828	7.448E-11	-6.934	0.000	0.000E+00	11.411	2.282	3.916E-11
354	8.061	1.612	1.381E-11	-7.864	0.000	0.000E+00	-5.088	0.000	0.000E+00	5.983	1.197	5.645E-12	12.018	2.404	4.574E-11	26.868	5.374	5.112E-10	-7.992	0.000	0.000E+00
355	9.963	1.993	2.607E-11	12.264	2.453	4.862E-11	-6.431	0.000	0.000E+00	65.208	13.042	7.308E-09	50.927	10.185	3.481E-09	-28.743	0.000	0.000E+00	14.763	2.953	8.480E-11
356	10.510	2.102	3.060E-11	15.793	3.159	1.038E-10	14.299	2.860	7.705E-11	48.431	9.686	2.994E-09	-6.943	0.000	0.000E+00	4.970	0.994	3.236E-12	-9.818	0.000	0.000E+00
357	12.624	2.525	5.303E-11	30.800	6.160	7.701E-10	-11.871	0.000	0.000E+00	13.779	2.756	6.895E-11	17.244	3.449	1.351E-10	4.801	0.960	2.917E-12	8.995	1.799	1.918E-11
358	8.766	1.753	1.775E-11	-13.993	0.000	0.000E+00	10.726	2.145	3.252E-11	-6.582	0.000	0.000E+00	39.668	7.934	1.645E-09	-9.213	0.000	0.000E+00	-7.507	0.000	0.000E+00
359	9.156	1.831	2.023E-11	-7.789	0.000	0.000E+00	-11.860	0.000	0.000E+00	26.311	5.262	4.801E-10	23.350	4.670	3.355E-10	4.710	0.942	2.754E-12	11.185	2.237	3.689E-11
360	10.699	2.140	3.228E-11	12.125	2.425	4.698E-11	20.091	4.018	2.138E-10	36.012	7.202	1.231E-09	48.415	9.683	2.991E-09	7.169	1.434	9.710E-12	15.867	3.173	1.053E-10
361	8.241	1.648	1.475E-11	10.475	2.095	3.030E-11	-17.576	0.000	0.000E+00	42.021	8.404	1.956E-09	11.007	2.201	3.514E-11	12.267	2.453	4.865E-11	11.537	2.307	4.047E-11
362	12.209	2.442	4.796E-11	-12.028	0.000	0.000E+00	16.534	3.307	1.191E-10	9.412	1.882	2.198E-11	10.340	2.068	2.914E-11	9.092	1.818	1.981E-11	-4.425	0.000	0.000E+00
363	-9.435	0.000	0.000E+00	-13.730	0.000	0.000E+00	29.516	5.903	6.777E-10	98.821	19.764	2.543E-08	51.985	10.397	3.703E-09	-9.724	0.000	0.000E+00	9.135	1.827	2.009E-11
364	-8.749	0.000	0.000E+00	11.478	2.296	3.985E-11	5.390	1.078	4.128E-12	-11.414	0.000	0.000E+00	37.545	7.509	1.395E-09	12.104	2.421	4.674E-11	-19.571	0.000	0.000E+00
365	22.819	4.564	3.132E-10	15.042	3.008	8.971E-11	9.246	1.849	2.083E-11	-12.914	0.000	0.000E+00	51.397	10.279	3.579E-09	21.335	4.267	2.560E-10	9.446	1.889	2.221E-11
366	13.887	2.777	7.058E-11	-10.589	0.000	0.000E+00	4.784	0.957	2.885E-12	-15.425	0.000	0.000E+00	-12.218	0.000	0.000E+00	17.949	3.590	1.524E-10	14.861	2.972	8.650E-11
367	-8.199	0.000	0.000E+00	16.527	3.305	1.190E-10	6.754	1.351	8.119E-12	87.102	17.420	1.742E-08	-13.526	0.000	0.000E+00	29.749	5.950	6.939E-10	11.502	2.300	4.011E-11
368	16.434	3.287	1.170E-10	-8.451	0.000	0.000E+00	39.455	7.891	1.619E-09	-85.129	0.000	0.000E+00	7.951	1.590	1.325E-11	41.242	8.248	1.849E-09	9.824	1.965	2.499E-11
369	20.277	4.055	2.197E-10	14.924	2.985	8.760E-11	10.028	2.006	2.658E-11	-36.317	0.000	0.000E+00	15.125	3.025	9.119E-11	7.952	1.590	1.325E-11	-10.616	0.000	0.000E+00
370	8.573	1.715	1.661E-11	7.073	1.415	9.326E-12	-9.283	0.000	0.000E+00	-18.223	0.000	0.000E+00	54.319	10.864	4.224E-09	9.767	1.953	2.455E-11	7.777	1.555	1.240E-11
371	26.079	5.216	4.675E-10	9.287	1.857	2.111E-11	11.170	2.234	3.673E-11	109.075	21.815	3.420E-08	8.619	1.724	1.688E-11	-11.566	0.000	0.000E+00	-7.980	0.000	0.000E+00
372	-5.991	0.000	0.000E+00	97.693	19.539	2.457E-08	-9.904	0.000	0.000E+00	14.997	2.999	8.890E-11	-3.873	0.000	0.000E+00	11.669	2.334	4.188E-11	-8.758	0.000	0.000E+00
373	-6.868	0.000	0.000E+00	14.646	2.929	8.279E-11	10.485	2.097	3.038E-11	27.939	5.588	5.748E-10	34.307	6.861	1.064E-09	7.496	1.499	1.110E-11	47.802	9.560	2.879E-09
374	6.754	1.351	8.119E-12	-9.678	0.000	0.000E+00	-9.525	0.000	0.000E+00	13.331	2.666	6.244E-11	9.640	1.928	2.361E-11	16.444	3.289	1.172E-10	8.132	1.626	1.417E-11
375	-13.591	0.000	0.000E+00	17.504	3.501	1.413E-10	-10.731	0.000	0.000E+00	13.212	2.642	6.079E-11	12.921	2.584	5.686E-11	49.652	9.930	3.226E-09	-7.508	0.000	0.000E+00
376	56.121	11.224	4.659E-09	8.078	1.616	1.389E-11	-2.017	0.000	0.000E+00	9.729	1.946	2.427E-11	15.597	3.119	1.000E-10	36.141	7.228	1.244E-09	10.311	2.062	2.890E-11
377	42.109	8.422	1.968E-09	-6.432	0.000	0.000E+00	24.432	4.886	3.844E-10	22.254	4.451	2.905E-10	44.871	8.974	2.381E-09	-17.008	0.000	0.000E+00	11.386	2.277	3.890E-11
378	-12.973	0.000	0.000E+00	7.954	1.591	1.326E-11	21.159	4.232	2.497E-10	-10.965	0.000	0.000E+00	31.869	6.374	8.531E-10	13.482	2.696	6.458E-11	13.774	2.755	6.888E-11
379	40.243	8.049	1.718E-09	9.470	1.894	2.239E-11	13.725	2.745	6.815E-11	37.165	7.433	1.353E-09	10.041	2.008	2.668E-11	22.432	4.486	2.975E-10	79.488	15.898	1.324E-08
380	14.258	2.852	7.639E-11	9.644	1.929	2.364E-11	13.747	2.749	6.847E-11	21.437	4.287	2.597E-10	22.422	4.484	2.971E-10	-8.459	0.000	0.000E+00	11.619	2.324	4.134E-11
381	13.819	2.764	6.956E-11	9.747	1.949	2.441E-11	-20.553	0.000	0.000E+00	87.455	17.491	1.763E-08	-8.493	0.000	0.000E+00	10.457	2.091	3.014E-11	47.813	9.563	2.881E-09
382	-9.903	0.000	0.000E+00	16.308	3.262	1.143E-10	17.256	3.451	1.354E-10	-14.168	0.000	0.000E+00	11.465	2.293	3.972E-11	85.621	17.124	1.654E-08	14.240	2.848	7.610E-11
383	11.083	2.217	3.588E-11	9.243	1.849	2.081E-11	19.230	3.846	1.874E-10	21.427	4.285	2.593E-10	14.676	2.935	8.331E-11	12.176	2.435	4.757E-11	-10.046	0.000	0.000E+00
384	15.103	3.021	9.080E-11	-10.039	0.000	0.000E+00	19.110	3.822	1.839E-10	22.595	4.519	3.040E-10	15.370	3.074	9.570E-11	6.119	1.224	6.039E-12	37.788	7.558	1.422E-09
385	9.490	1.898	2.253E-11	-7.710	0.000	0.000E+00	-6.310	0.000	0.000E+00	11.229	2.246	3.731E-11	11.112	2.222	3.616E-11	-9.019	0.000	0.000E+00	-11.095	0.000	0.000E+00
386	11.159	2.232	3.663E-11	21.341	4.268	2.562E-10	-10.234	0.000	0.000E+00	16.068	3.214	1.093E-10	20.849	4.170	2.389E-10	-10.411	0.000	0.000E+00	18.551	3.710	1.683E-10
387	43.127	8.625	2.114E-09	-9.734	0.000	0.000E+00	10.680	2.136	3.210E-11	24.396	4.879	3.827E-10	-8.665	0.000	0.000E+00	17.535	3.507	1.421E-10	19.205	3.841	1.867E-10
388	25.500	5.100	4.370E-10	36.451	7.290	1.277E-09	-15.482	0.000	0.000E+00	75.868	15.174	1.151E-08	65.963	13.193	7.565E-09	-12.433	0.000	0.000E+00	10.885	2.177	3.399E-11
389	9.636	1.927	2.358E-11	14.303	2.861	7.713E-11	11.055	2.211	3.561E-11	21.383	4.277	2.577E-10	40.797	8.159	1.790E-09	17.747	3.549	1.473E-10	-5.728	0.000	0.000E+00
390	46.911	9.382	2.721E-09	6.842	1.368	8.442E-12	9.272	1.854	2.101E-11	7.540	1.508	1.130E-11	17.851	3.570	1.499E-10	8.600	1.720	1.676E-11	16.088	3.218	1.098E-10
391	10.558	2.112	3.102E-11	13.275	2.655	6.166E-11	33.196	6.639	9.641E-10	13.490	2.698	6.470E-11	7.348	1.470	1.046E-10	10.265	2.053	2.851E-11	-4.326	0.000	0.000E+00
392	20.169	4.034	2.162E-10	33.992	6.798	1.035E-09	16.543	3.309	1.193E-10	47.637	9.527	2.849E-09	50.278	10.056	3.350E-09	13.059	2.612	5.870E-11	48.333	9.667	2.976E-09
393	50.046	10.009	3.304E-09	9.348	1.870	2.153E-11	-11.303	0.000	0.000E+00	10.159	2.032	2.764E-11	15.079	3.016	9.037E-11	-11.846	0.000	0.000E+00	18.442	3.688	1.653E-10
394	-11.230	0.000	0.000E+00	9.039	1.808	1.947E-11	35.597	7.119	1.189E-09	9.629	1.926	2.353E-11	7.077	1.415	9.340E-12	10.415	2.083	2.977E-11	11.951	2.390	4.499E-11
395	4.590	0.918	2.549E-12	11.230	2.246	3.732E-11	10.342	2.068	2.915E-11	-7.657	0.000	0.000E+00	15.844	3.169	1.048E-10	-9.978	0.000	0.000E+00	18.796	3.759	1.750E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
396	16.134	3.227	1.107E-10	16.089	3.218	1.098E-10	-7.578	0.000	0.000E+00	41.597	8.319	1.897E-09	47.042	9.408	2.744E-09	17.359	3.472	1.379E-10	12.380	2.476	5.001E-11
397	18.683	3.737	1.719E-10	-8.922	0.000	0.000E+00	-14.664	0.000	0.000E+00	23.128	4.626	3.261E-10	-6.641	0.000	0.000E+00	16.900	3.380	1.272E-10	-6.406	0.000	0.000E+00
398	12.748	2.550	5.460E-11	-13.546	0.000	0.000E+00	8.093	1.619	1.397E-11	-9.606	0.000	0.000E+00	14.714	2.943	8.396E-11	15.717	3.143	1.023E-10	-7.365	0.000	0.000E+00
399	10.125	2.025	2.735E-11	14.454	2.891	7.959E-11	23.363	4.673	3.361E-10	57.396	11.479	4.983E-09	-14.769	0.000	0.000E+00	-11.189	0.000	0.000E+00	20.651	4.130	2.321E-10
400	11.762	2.352	4.288E-11	31.366	6.273	8.134E-10	22.425	4.485	2.972E-10	17.977	3.595	1.531E-10	15.634	3.127	1.007E-10	-7.055	0.000	0.000E+00	33.415	6.683	9.834E-10
401	38.372	7.674	1.489E-09	-44.726	0.000	0.000E+00	49.413	9.883	3.180E-09	11.437	2.287	3.943E-11	56.934	11.387	4.864E-09	34.870	6.974	1.118E-09	16.470	3.294	1.178E-10
402	7.748	1.550	1.226E-11	-7.490	0.000	0.000E+00	10.626	2.125	3.163E-11	131.575	26.315	6.004E-08	17.411	3.482	1.391E-10	18.008	3.602	1.539E-10	60.377	12.075	5.801E-09
403	8.179	1.636	1.442E-11	49.244	9.849	3.147E-09	48.238	9.648	2.958E-09	28.217	5.643	5.921E-10	89.212	17.842	1.871E-08	11.919	2.384	4.463E-11	35.705	7.141	1.200E-09
404	16.532	3.306	1.191E-10	8.203	1.641	1.455E-11	-8.536	0.000	0.000E+00	10.505	2.101	3.055E-11	14.145	2.829	7.459E-11	-10.354	0.000	0.000E+00	-20.442	0.000	0.000E+00
405	-8.037	0.000	0.000E+00	12.864	2.573	5.610E-11	-6.069	0.000	0.000E+00	11.052	2.210	3.558E-11	-6.192	0.000	0.000E+00	11.635	2.327	4.152E-11	16.989	3.398	1.292E-10
406	-13.948	0.000	0.000E+00	-9.146	0.000	0.000E+00	19.688	3.938	2.011E-10	-6.887	0.000	0.000E+00	31.163	6.233	7.976E-10	12.196	2.439	4.782E-11	15.315	3.063	9.467E-11
407	7.369	1.474	1.055E-11	-9.735	0.000	0.000E+00	12.916	2.583	5.680E-11	9.306	1.861	2.124E-11	32.868	6.574	9.358E-10	10.771	2.154	3.294E-11	9.287	1.857	2.111E-11
408	11.438	2.288	3.944E-11	-8.916	0.000	0.000E+00	-16.787	0.000	0.000E+00	9.078	1.816	1.972E-11	9.498	1.900	2.258E-11	10.845	2.169	3.362E-11	14.890	2.978	8.700E-11
409	7.852	1.570	1.276E-11	34.427	6.885	1.075E-09	33.729	6.746	1.011E-09	9.821	1.964	2.497E-11	10.757	2.151	3.281E-11	-8.985	0.000	0.000E+00	23.834	4.767	3.568E-10
410	37.412	7.482	1.380E-09	8.998	1.800	1.920E-11	12.363	2.473	4.981E-11	-22.413	0.000	0.000E+00	-8.107	0.000	0.000E+00	43.048	8.610	2.103E-09	-8.942	0.000	0.000E+00
411	13.186	2.637	6.043E-11	12.131	2.426	4.706E-11	9.135	1.827	2.009E-11	19.715	3.943	2.020E-10	6.565	1.313	7.456E-12	-8.226	0.000	0.000E+00	-11.884	0.000	0.000E+00
412	27.408	5.482	5.427E-10	42.236	8.447	1.986E-09	32.867	6.573	9.358E-10	7.095	1.419	9.412E-12	15.576	3.115	9.960E-11	14.857	2.971	8.643E-11	-8.329	0.000	0.000E+00
413	10.816	2.163	3.335E-11	9.281	1.856	2.107E-11	39.093	7.819	1.575E-09	-6.715	0.000	0.000E+00	6.771	1.354	8.183E-12	31.831	6.366	8.500E-10	-6.279	0.000	0.000E+00
414	9.622	1.924	2.348E-11	43.516	8.703	2.172E-09	7.732	1.546	1.218E-11	30.513	6.103	7.488E-10	-17.184	0.000	0.000E+00	-11.843	0.000	0.000E+00	15.162	3.032	9.186E-11
415	14.112	2.822	7.407E-11	21.776	4.355	2.722E-10	-8.061	0.000	0.000E+00	-46.763	0.000	0.000E+00	25.419	5.084	4.329E-10	13.810	2.762	6.941E-11	14.822	2.964	8.583E-11
416	57.966	11.593	5.133E-09	13.402	2.680	6.345E-11	92.982	18.596	2.119E-08	-7.283	0.000	0.000E+00	7.000	1.400	9.040E-12	-9.667	0.000	0.000E+00	11.560	2.312	4.072E-11
417	-8.721	0.000	0.000E+00	23.178	4.636	3.282E-10	20.452	4.090	2.255E-10	13.830	2.766	6.973E-11	7.691	1.538	1.199E-11	11.022	2.204	3.529E-11	9.778	1.956	2.464E-11
418	15.144	3.029	9.153E-11	-17.332	0.000	0.000E+00	10.421	2.084	2.983E-11	-19.996	0.000	0.000E+00	10.928	2.186	3.439E-11	24.105	4.821	3.692E-10	10.768	2.154	3.291E-11
419	-12.255	0.000	0.000E+00	-7.953	0.000	0.000E+00	40.062	8.012	1.695E-09	-13.096	0.000	0.000E+00	26.653	5.331	4.990E-10	6.342	1.268	6.724E-12	-12.190	0.000	0.000E+00
420	12.802	2.560	5.530E-11	18.790	3.758	1.748E-10	13.888	2.778	7.059E-11	7.964	1.593	1.331E-11	11.508	2.302	4.017E-11	-11.691	0.000	0.000E+00	-12.550	0.000	0.000E+00
421	18.023	3.605	1.543E-10	-5.904	0.000	0.000E+00	11.213	2.243	3.716E-11	-10.172	0.000	0.000E+00	11.621	2.324	4.136E-11	-23.049	0.000	0.000E+00	18.970	3.794	1.799E-10
422	90.001	18.000	1.921E-08	9.809	1.962	2.487E-11	45.585	9.117	2.497E-09	28.538	5.708	6.126E-10	11.969	2.394	4.519E-11	-9.846	0.000	0.000E+00	20.715	4.143	2.343E-10
423	20.961	4.192	2.427E-10	12.778	2.556	5.499E-11	16.268	3.254	1.135E-10	41.783	8.357	1.923E-09	7.076	1.415	9.338E-12	11.821	2.364	4.354E-11	28.391	5.678	6.031E-10
424	14.836	2.967	8.608E-11	12.983	2.597	5.768E-11	-29.815	0.000	0.000E+00	22.579	4.516	3.034E-10	72.301	14.460	9.962E-09	-13.101	0.000	0.000E+00	-6.063	0.000	0.000E+00
425	35.134	7.027	1.143E-09	13.636	2.727	6.683E-11	16.220	3.244	1.125E-10	86.762	17.352	1.721E-08	17.140	3.428	1.327E-10	41.219	8.244	1.846E-09	-9.526	0.000	0.000E+00
426	45.434	9.087	2.472E-09	8.860	1.772	1.833E-11	40.764	8.153	1.785E-09	91.080	18.216	1.991E-08	32.095	6.419	8.714E-10	17.272	3.454	1.358E-10	39.667	7.933	1.645E-09
427	-10.226	0.000	0.000E+00	6.209	1.242	6.309E-12	30.146	6.029	7.221E-10	34.574	6.915	1.089E-09	5.743	1.149	4.994E-12	49.514	9.903	3.199E-09	16.740	3.348	1.236E-10
428	11.710	2.342	4.232E-11	-9.693	0.000	0.000E+00	39.715	7.943	1.651E-09	10.359	2.072	2.930E-11	41.528	8.306	1.888E-09	110.831	22.166	3.588E-08	-17.201	0.000	0.000E+00
429	12.369	2.474	4.988E-11	-6.457	0.000	0.000E+00	12.524	2.505	5.178E-11	88.337	17.667	1.817E-08	12.129	2.426	4.703E-11	14.572	2.914	8.155E-11	21.351	4.270	2.565E-10
430	13.471	2.694	6.443E-11	13.283	2.657	6.176E-11	-11.845	0.000	0.000E+00	-7.457	0.000	0.000E+00	10.815	2.163	3.334E-11	38.206	7.641	1.470E-09	13.977	2.795	7.196E-11
431	37.722	7.544	1.415E-09	9.597	1.919	2.330E-11	74.360	14.872	1.084E-08	79.365	15.873	1.318E-08	46.627	9.325	2.672E-09	9.511	1.902	2.267E-11	-10.451	0.000	0.000E+00
432	-5.535	0.000	0.000E+00	15.422	3.084	9.668E-11	-8.148	0.000	0.000E+00	32.576	6.515	9.111E-10	-15.333	0.000	0.000E+00	9.646	1.929	2.366E-11	-8.500	0.000	0.000E+00
433	-11.300	0.000	0.000E+00	-9.566	0.000	0.000E+00	28.028	5.606	5.803E-10	13.574	2.715	6.592E-11	-8.164	0.000	0.000E+00	15.938	3.188	1.067E-10	13.497	2.699	6.481E-11
434	16.560	3.312	1.197E-10	37.988	7.598	1.445E-09	41.056	8.211	1.824E-09	12.140	2.428	4.715E-11	30.906	6.181	7.780E-10	41.882	8.376	1.936E-09	104.874	20.975	3.040E-08
435	11.639	2.328	4.155E-11	9.117	1.823	1.997E-11	23.165	4.633	3.276E-10	5.131	1.026	3.560E-12	16.644	3.329	1.215E-10	25.206	5.041	4.221E-10	-54.107	0.000	0.000E+00
436	12.966	2.593	5.745E-11	28.428	5.686	6.055E-10	-5.715	0.000	0.000E+00	90.545	18.109	1.956E-08	19.264	3.853	1.884E-10	29.151	5.830	6.529E-10	9.944	1.989	2.591E-11
437	38.059	7.612	1.453E-09	11.282	2.256	3.784E-11	38.161	7.632	1.465E-09	12.673	2.535	3.365E-11	-10.118	0.000	0.000E+00	12.654	2.531	5.340E-11	12.304	2.461	4.909E-11
438	25.423	5.085	4.331E-10	-20.638	0.000	0.000E+00	7.468	1.494	1.098E-11	13.823	2.765	6.962E-11	15.585	3.117	9.977E-11	-9.016	0.000	0.000E+00	11.877	2.375	4.416E-11
439	15.872	3.174	1.054E-10	35.460	7.092	1.175E-09	15.965	3.193	1.072E-10	101.083	20.217	2.722E-08	15.373	3.075	9.575E-11	-10.491	0.000	0.000E+00	11.089	2.218	3.594E-11
440	25.016	5.003	4.126E-10	10.016	2.003	2.649E-11	17.053	3.411	1.307E-10	9.559	1.912	2.302E-11	8.436	1.687	1.582E-11	79.149	15.830	1.307E-08	-10.533	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
441	10.088	2.018	2.706E-11	-11.571	0.000	0.000E+00	-13.614	0.000	0.000E+00	31.078	6.216	7.911E-10	18.928	3.786	1.787E-10	-9.208	0.000	0.000E+00	18.239	3.648	1.599E-10
442	12.749	2.550	5.461E-11	15.004	3.001	8.903E-11	-8.254	0.000	0.000E+00	8.966	1.793	1.900E-11	8.544	1.709	1.644E-11	13.170	2.634	6.021E-11	24.114	4.823	3.696E-10
443	13.580	2.716	6.601E-11	30.647	6.129	7.586E-10	-6.868	0.000	0.000E+00	41.902	8.380	1.939E-09	-7.094	0.000	0.000E+00	-14.425	0.000	0.000E+00	7.588	1.518	1.152E-11
444	20.685	4.137	2.333E-10	-21.132	0.000	0.000E+00	16.089	3.218	1.098E-10	-9.464	0.000	0.000E+00	-7.452	0.000	0.000E+00	50.832	10.166	3.462E-09	20.094	4.019	2.138E-10
445	-4.965	0.000	0.000E+00	10.396	2.079	2.961E-11	7.310	1.462	1.029E-11	100.080	20.016	2.642E-08	11.506	2.301	4.015E-11	39.226	7.845	1.591E-09	7.184	1.437	9.773E-12
446	95.175	19.035	2.272E-08	23.313	4.663	3.339E-10	11.954	2.391	4.503E-11	-11.663	0.000	0.000E+00	12.298	2.460	4.902E-11	29.659	5.932	6.876E-10	16.399	3.280	1.162E-10
447	12.210	2.442	4.797E-11	21.096	4.219	2.474E-10	-11.242	0.000	0.000E+00	12.027	2.405	4.585E-11	18.963	3.793	1.797E-10	7.662	1.532	1.186E-11	-13.302	0.000	0.000E+00
448	-11.579	0.000	0.000E+00	14.952	2.990	8.811E-11	-13.032	0.000	0.000E+00	82.707	16.541	1.491E-08	18.729	3.746	1.731E-10	10.365	2.073	2.935E-11	-7.473	0.000	0.000E+00
449	17.957	3.591	1.526E-10	10.230	2.046	2.822E-11	17.025	3.405	1.301E-10	-16.031	0.000	0.000E+00	33.428	6.686	9.845E-10	-12.215	0.000	0.000E+00	10.687	2.137	3.217E-11
450	24.353	4.871	3.807E-10	88.109	17.622	1.803E-08	14.029	2.806	7.278E-11	17.203	3.441	1.342E-10	-18.417	0.000	0.000E+00	-6.553	0.000	0.000E+00	-10.835	0.000	0.000E+00
451	-29.070	0.000	0.000E+00	91.131	18.226	1.995E-08	6.185	1.237	6.235E-12	-10.212	0.000	0.000E+00	63.100	12.620	6.622E-09	43.187	8.637	2.123E-09	15.307	3.061	9.454E-11
452	17.601	3.520	1.437E-10	5.176	1.035	3.655E-12	26.317	5.263	4.804E-10	78.753	15.751	1.287E-08	13.440	2.688	6.399E-11	-5.915	0.000	0.000E+00	11.244	2.249	3.747E-11
453	47.961	9.592	2.908E-09	-11.098	0.000	0.000E+00	16.417	3.283	1.166E-10	17.525	3.505	1.419E-10	12.638	2.528	5.320E-11	-12.496	0.000	0.000E+00	-7.123	0.000	0.000E+00
454	32.484	6.497	9.034E-10	10.537	2.107	3.083E-11	-8.473	0.000	0.000E+00	28.426	5.685	6.054E-10	7.434	1.487	1.083E-11	11.740	2.348	4.264E-11	15.169	3.034	9.200E-11
455	13.805	2.761	6.934E-11	102.175	20.435	2.811E-08	12.950	2.590	5.724E-11	34.730	6.946	1.104E-09	10.943	2.189	3.454E-11	-7.410	0.000	0.000E+00	8.365	1.673	1.543E-11
456	13.936	2.787	7.134E-11	12.725	2.545	5.431E-11	-10.650	0.000	0.000E+00	28.737	5.747	6.255E-10	14.205	2.841	7.554E-11	5.708	1.142	4.901E-12	7.123	1.425	9.527E-12
457	27.806	5.561	5.666E-10	14.613	2.923	8.225E-11	12.606	2.521	5.280E-11	-11.555	0.000	0.000E+00	22.269	4.454	2.911E-10	13.732	2.746	6.825E-11	18.080	3.616	1.558E-10
458	30.572	6.114	7.531E-10	21.204	4.241	2.513E-10	11.671	2.334	4.190E-11	9.459	1.892	2.231E-11	10.272	2.054	2.856E-11	11.270	2.254	3.772E-11	11.779	2.356	4.307E-11
459	14.689	2.938	8.354E-11	-11.916	0.000	0.000E+00	-7.333	0.000	0.000E+00	24.080	4.816	3.680E-10	6.512	1.302	7.280E-12	13.479	2.696	6.455E-11	25.238	5.048	4.237E-10
460	22.409	4.482	2.966E-10	-11.228	0.000	0.000E+00	-13.355	0.000	0.000E+00	91.925	18.385	2.047E-08	16.990	3.398	1.293E-10	19.051	3.810	1.822E-10	-7.398	0.000	0.000E+00
461	-9.082	0.000	0.000E+00	11.117	2.223	3.621E-11	55.708	11.142	4.557E-09	42.469	8.494	2.019E-09	35.165	7.033	1.146E-09	40.733	8.147	1.781E-09	20.322	4.064	2.212E-10
462	49.776	9.955	3.251E-09	11.030	2.206	3.537E-11	50.945	10.189	3.485E-09	16.097	3.219	1.099E-10	-9.180	0.000	0.000E+00	9.684	1.937	2.393E-11	-10.875	0.000	0.000E+00
463	13.946	2.789	7.149E-11	17.433	3.487	1.396E-10	-8.762	0.000	0.000E+00	15.781	3.156	1.036E-10	49.579	9.916	3.212E-09	11.051	2.210	3.557E-11	96.067	19.213	2.337E-08
464	9.968	1.994	2.611E-11	15.498	3.100	9.811E-11	-10.784	0.000	0.000E+00	36.939	7.388	1.328E-09	9.718	1.944	2.419E-11	33.360	6.672	9.785E-10	-6.822	0.000	0.000E+00
465	11.041	2.208	3.547E-11	23.782	4.756	3.545E-10	-15.189	0.000	0.000E+00	-6.484	0.000	0.000E+00	26.018	5.204	4.642E-10	14.173	2.835	7.503E-11	9.617	1.923	2.344E-11
466	10.744	2.149	3.269E-11	-8.673	0.000	0.000E+00	13.549	2.710	6.555E-11	53.802	10.760	4.105E-09	16.708	3.342	1.229E-10	23.954	4.791	3.623E-10	96.602	19.320	2.376E-08
467	25.275	5.055	4.256E-10	8.736	1.747	1.757E-11	10.402	2.080	2.967E-11	10.404	2.081	2.969E-11	10.805	2.161	3.325E-11	13.756	2.751	6.860E-11	14.133	2.827	7.441E-11
468	7.961	1.592	1.330E-11	24.492	4.898	3.872E-10	14.507	2.901	8.046E-11	8.515	1.703	1.627E-11	-16.496	0.000	0.000E+00	-8.409	0.000	0.000E+00	-14.274	0.000	0.000E+00
469	13.565	2.713	6.578E-11	10.748	2.150	3.272E-11	21.143	4.229	2.491E-10	14.448	2.890	7.950E-11	-11.256	0.000	0.000E+00	4.906	0.981	3.112E-12	101.095	20.219	2.723E-08
470	27.263	5.453	5.341E-10	82.948	16.590	1.504E-08	7.236	1.447	9.987E-12	32.417	6.483	8.979E-10	16.813	3.363	1.253E-10	14.064	2.813	7.332E-11	39.147	7.829	1.581E-09
471	-13.017	0.000	0.000E+00	25.675	5.135	4.461E-10	20.186	4.037	2.168E-10	9.499	1.900	2.259E-11	20.068	4.014	2.130E-10	-7.397	0.000	0.000E+00	8.745	1.749	1.763E-11
472	30.758	6.152	7.669E-10	34.855	6.971	1.116E-09	33.789	6.758	1.017E-09	17.758	3.552	1.476E-10	-7.208	0.000	0.000E+00	50.880	10.176	3.472E-09	12.232	2.446	4.823E-11
473	17.843	3.569	1.497E-10	28.185	5.637	5.901E-10	-6.661	0.000	0.000E+00	7.885	1.577	1.292E-11	34.533	6.907	1.085E-09	52.522	10.504	3.819E-09	8.793	1.759	1.792E-11
474	-8.835	0.000	0.000E+00	-11.581	0.000	0.000E+00	18.713	3.743	1.727E-10	19.302	3.860	1.895E-10	-8.223	0.000	0.000E+00	15.107	3.021	9.087E-11	19.266	3.853	1.885E-10
475	20.901	4.180	2.407E-10	82.803	16.561	1.496E-08	-6.309	0.000	0.000E+00	88.300	17.660	1.815E-08	41.959	8.392	1.947E-09	6.114	1.223	6.024E-12	57.588	11.518	5.034E-09
476	14.742	2.948	8.444E-11	-7.506	0.000	0.000E+00	7.189	1.438	9.794E-12	10.545	2.109	3.091E-11	10.186	2.037	2.785E-11	10.957	2.191	3.467E-11	-13.387	0.000	0.000E+00
477	10.627	2.125	3.163E-11	9.524	1.905	2.277E-11	25.295	5.059	4.266E-10	7.166	1.433	9.698E-12	17.084	3.417	1.314E-10	51.314	10.263	3.561E-09	101.354	20.271	2.744E-08
478	16.007	3.201	1.081E-10	79.768	15.954	1.338E-08	15.387	3.077	9.603E-11	17.286	3.457	1.361E-10	10.137	2.027	2.746E-11	49.753	9.951	3.246E-09	16.091	3.218	1.098E-10
479	-13.160	0.000	0.000E+00	25.505	5.101	4.373E-10	-12.919	0.000	0.000E+00	84.691	16.938	1.601E-08	7.726	1.545	1.215E-11	8.040	1.608	1.370E-11	-10.471	0.000	0.000E+00
480	31.240	6.248	8.035E-10	19.245	3.849	1.879E-10	16.007	3.201	1.081E-10	46.564	9.313	2.661E-09	-12.108	0.000	0.000E+00	-7.214	0.000	0.000E+00	6.057	1.211	5.856E-12
481	6.583	1.317	7.518E-12	72.626	14.525	1.010E-08	-26.153	0.000	0.000E+00	10.790	2.158	3.311E-11	-18.655	0.000	0.000E+00	-8.752	0.000	0.000E+00	21.391	4.278	2.580E-10
482	28.322	5.664	5.988E-10	15.610	3.122	1.003E-10	87.490	17.498	1.765E-08	58.687	11.737	5.327E-09	12.663	2.533	3.552E-11	10.409	2.082	2.973E-11	96.007	19.201	2.332E-08
483	45.380	9.076	2.463E-09	8.568	1.714	1.658E-11	12.252	2.450	4.848E-11	34.699	6.940	1.101E-09	18.977	3.795	1.801E-10	48.323	9.665	2.974E-09	-19.712	0.000	0.000E+00
484	44.807	8.961	2.371E-09	-10.174	0.000	0.000E+00	10.688	2.138	3.218E-11	-19.614	0.000	0.000E+00	13.483	2.697	6.460E-11	16.839	3.368	1.259E-10	-9.685	0.000	0.000E+00
485	7.987	1.597	1.343E-11	80.317	16.063	1.366E-08	11.405	2.281	3.910E-11	12.455	2.491	5.093E-11	-8.366	0.000	0.000E+00	-8.937	0.000	0.000E+00	80.382	16.076	1.369E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
486	19.667	3.933	2.005E-10	20.497	4.099	2.269E-10	14.744	2.949	8.447E-11	22.197	4.439	2.883E-10	13.231	2.646	6.105E-11	24.346	4.869	3.803E-10	9.988	1.998	2.626E-11
487	18.660	3.732	1.713E-10	98.105	19.621	2.489E-08	47.133	9.427	2.760E-09	16.322	3.264	1.146E-10	9.200	1.840	2.053E-11	19.300	3.860	1.895E-10	11.328	2.266	3.831E-11
488	22.539	4.508	3.018E-10	75.803	15.161	1.148E-08	16.303	3.261	1.142E-10	11.023	2.205	3.530E-11	6.619	1.324	7.642E-12	6.182	1.236	6.227E-12	-9.949	0.000	0.000E+00
489	29.945	5.989	7.077E-10	14.933	2.987	8.777E-11	85.742	17.148	1.661E-08	61.309	12.262	6.074E-09	-8.229	0.000	0.000E+00	9.626	1.925	2.351E-11	5.045	1.009	3.385E-12
490	16.287	3.257	1.139E-10	6.525	1.305	7.323E-12	17.666	3.533	1.453E-10	-72.500	0.000	0.000E+00	7.880	1.576	1.290E-11	11.376	2.275	3.881E-11	3.176	0.635	8.444E-13
491	19.716	3.943	2.020E-10	-9.911	0.000	0.000E+00	16.034	3.207	1.087E-10	-6.317	0.000	0.000E+00	93.441	18.688	2.150E-08	50.899	10.180	3.476E-09	16.022	3.204	1.084E-10
492	26.526	5.305	4.919E-10	15.486	3.097	9.788E-11	10.859	2.172	3.375E-11	21.246	4.249	2.528E-10	49.146	9.829	3.129E-09	18.819	3.764	1.757E-10	23.862	4.772	3.581E-10
493	17.054	3.411	1.307E-10	89.448	17.890	1.886E-08	8.192	1.638	1.449E-11	24.649	4.930	3.947E-10	31.966	6.393	8.609E-10	12.241	2.448	4.834E-11	-9.952	0.000	0.000E+00
494	10.887	2.177	3.401E-11	50.879	10.176	3.471E-09	53.811	10.762	4.107E-09	38.602	7.720	1.516E-09	14.336	2.867	7.766E-11	9.831	1.966	2.504E-11	9.174	1.835	2.035E-11
495	5.939	1.188	5.522E-12	39.156	7.831	1.582E-09	14.030	2.806	7.279E-11	-61.990	0.000	0.000E+00	67.010	13.402	7.931E-09	-5.757	0.000	0.000E+00	18.018	3.604	1.542E-10
496	9.392	1.878	2.184E-11	-8.590	0.000	0.000E+00	16.615	3.323	1.209E-10	17.591	3.518	1.435E-10	-5.764	0.000	0.000E+00	87.963	17.593	1.794E-08	86.261	17.252	1.692E-08
497	31.748	6.350	8.434E-10	24.936	4.987	4.087E-10	7.152	1.430	9.642E-12	16.515	3.303	1.187E-10	19.495	3.899	1.953E-10	-11.298	0.000	0.000E+00	82.835	16.567	1.498E-08
498	9.878	1.976	2.540E-11	47.123	9.425	2.758E-09	15.464	3.093	9.747E-11	-6.172	0.000	0.000E+00	10.728	2.146	3.254E-11	61.064	12.213	6.001E-09	12.268	2.454	4.866E-11
499	11.416	2.283	3.922E-11	6.827	1.365	8.386E-12	30.676	6.135	7.608E-10	-6.882	0.000	0.000E+00	13.792	2.758	6.915E-11	9.316	1.863	2.131E-11	-10.792	0.000	0.000E+00
500	-5.889	0.000	0.000E+00	-16.359	0.000	0.000E+00	85.572	17.114	1.652E-08	9.284	1.857	2.109E-11	-7.825	0.000	0.000E+00	13.725	2.745	6.814E-11	12.385	2.477	5.007E-11
501	23.274	4.655	3.323E-10	90.123	18.025	1.929E-08	19.396	3.879	1.923E-10	77.325	15.465	1.219E-08	28.073	5.615	5.831E-10	-7.928	0.000	0.000E+00	92.726	18.545	2.101E-08
502	-9.648	0.000	0.000E+00	78.037	15.607	1.253E-08	-26.346	0.000	0.000E+00	20.232	4.046	2.183E-10	62.874	12.575	6.551E-09	19.087	3.817	1.833E-10	11.502	2.300	4.011E-11
503	-10.444	0.000	0.000E+00	-94.514	0.000	0.000E+00	21.533	4.307	2.631E-10	15.127	3.025	9.124E-11	10.106	2.021	2.720E-11	29.112	5.822	6.503E-10	15.067	3.013	9.016E-11
504	9.159	1.832	2.025E-11	63.984	12.797	6.904E-09	-23.122	0.000	0.000E+00	37.348	7.470	1.373E-09	-12.449	0.000	0.000E+00	62.168	12.434	6.333E-09	19.129	3.826	1.845E-10
505	30.518	6.104	7.491E-10	26.149	5.230	4.712E-10	15.366	3.073	9.563E-11	13.713	2.743	6.796E-11	-9.202	0.000	0.000E+00	49.274	9.855	3.153E-09	-8.092	0.000	0.000E+00
506	6.957	1.391	8.877E-12	40.569	8.114	1.760E-09	25.231	5.046	4.234E-10	-6.696	0.000	0.000E+00	19.197	3.839	1.865E-10	36.852	7.370	1.319E-09	13.085	2.617	5.904E-11
507	6.873	1.375	8.559E-12	12.779	2.556	5.500E-11	6.597	1.319	7.567E-12	14.679	2.936	8.336E-11	15.327	3.065	9.491E-11	29.216	5.843	6.573E-10	7.224	1.445	9.936E-12
508	13.410	2.682	6.356E-11	61.623	12.325	6.168E-09	-13.674	0.000	0.000E+00	-11.042	0.000	0.000E+00	15.223	3.045	9.297E-11	41.736	8.347	1.916E-09	-9.421	0.000	0.000E+00
509	11.819	2.364	4.351E-11	7.242	1.448	1.001E-11	-12.411	0.000	0.000E+00	16.038	3.208	1.087E-10	16.358	3.272	1.154E-10	-4.754	0.000	0.000E+00	-9.937	0.000	0.000E+00
510	23.968	4.794	3.629E-10	27.144	5.429	5.271E-10	5.608	1.122	4.648E-12	12.540	2.508	5.197E-11	24.826	4.965	4.033E-10	21.429	4.286	2.593E-10	23.779	4.756	3.544E-10
511	13.109	2.622	5.938E-11	8.785	1.757	1.787E-11	13.805	2.761	6.934E-11	11.311	2.262	3.814E-11	12.006	2.401	4.561E-11	11.510	2.302	4.019E-11	53.556	10.711	4.049E-09
512	10.906	2.181	3.419E-11	8.812	1.762	1.804E-11	36.431	7.286	1.274E-09	-7.267	0.000	0.000E+00	22.067	4.413	2.832E-10	7.371	1.474	1.056E-11	8.077	1.615	1.389E-11
513	15.931	3.186	1.066E-10	31.767	6.353	8.449E-10	-7.288	0.000	0.000E+00	16.321	3.264	1.146E-10	43.182	8.636	2.122E-09	-8.197	0.000	0.000E+00	-8.975	0.000	0.000E+00
514	33.129	6.626	9.583E-10	14.824	2.965	8.587E-11	10.270	2.054	2.855E-11	39.421	7.884	1.615E-09	23.986	4.797	3.637E-10	10.991	2.198	3.499E-11	13.013	2.603	5.808E-11
515	11.589	2.318	4.102E-11	16.922	3.384	1.277E-10	12.018	2.404	4.574E-11	10.370	2.074	2.940E-11	13.420	2.684	6.371E-11	60.667	12.133	5.885E-09	-5.995	0.000	0.000E+00
516	-7.479	0.000	0.000E+00	18.851	3.770	1.765E-10	29.699	5.940	6.904E-10	7.874	1.575	1.287E-11	6.250	1.250	6.435E-12	7.013	1.403	9.091E-12	-8.035	0.000	0.000E+00
517	38.763	7.753	1.535E-09	16.946	3.389	1.283E-10	50.597	10.119	3.414E-09	11.645	2.329	4.162E-11	20.804	4.161	2.373E-10	-11.302	0.000	0.000E+00	14.048	2.810	7.306E-11
518	17.796	3.559	1.485E-10	-6.214	0.000	0.000E+00	9.281	1.856	2.107E-11	12.540	2.508	5.197E-11	7.960	1.592	1.329E-11	9.400	1.880	2.189E-11	14.623	2.925	8.242E-11
519	16.639	3.328	1.214E-10	11.271	2.254	3.773E-11	11.968	2.394	4.519E-11	16.812	3.362	1.252E-10	12.575	2.515	5.241E-11	11.929	2.386	4.474E-11	86.679	17.336	1.716E-08
520	-7.262	0.000	0.000E+00	13.425	2.685	6.378E-11	26.993	5.399	5.184E-10	-9.957	0.000	0.000E+00	19.214	3.843	1.870E-10	24.476	4.895	3.865E-10	20.947	4.189	2.422E-10
521	-9.802	0.000	0.000E+00	-8.504	0.000	0.000E+00	10.689	2.138	3.218E-11	17.385	3.477	1.385E-10	32.619	6.524	9.148E-10	11.194	2.239	3.696E-11	15.793	3.159	1.038E-10
522	13.627	2.725	6.670E-11	-5.557	0.000	0.000E+00	18.819	3.764	1.757E-10	32.577	6.515	9.112E-10	13.712	2.742	6.795E-11	12.936	2.587	5.706E-11	13.627	2.725	6.669E-11
523	23.724	4.745	3.519E-10	-9.420	0.000	0.000E+00	-9.863	0.000	0.000E+00	17.689	3.538	1.459E-10	36.028	7.206	1.233E-09	8.345	1.669	1.532E-11	114.413	22.883	3.947E-08
524	15.842	3.168	1.048E-10	5.441	1.088	4.245E-12	-12.564	0.000	0.000E+00	-13.916	0.000	0.000E+00	33.040	6.608	9.506E-10	11.982	2.396	4.534E-11	-52.844	0.000	0.000E+00
525	9.525	1.905	2.278E-11	24.613	4.923	3.930E-10	-45.630	0.000	0.000E+00	10.267	2.053	2.853E-11	24.534	4.907	3.892E-10	-5.459	0.000	0.000E+00	-8.001	0.000	0.000E+00
526	8.117	1.623	1.409E-11	-8.336	0.000	0.000E+00	25.435	5.087	4.337E-10	39.775	7.955	1.659E-09	-4.258	0.000	0.000E+00	13.748	2.750	6.849E-11	-6.639	0.000	0.000E+00
527	11.781	2.356	4.310E-11	12.041	2.408	4.601E-11	-15.211	0.000	0.000E+00	81.593	16.319	1.432E-08	-9.304	0.000	0.000E+00	-8.686	0.000	0.000E+00	-8.498	0.000	0.000E+00
528	20.185	4.037	2.168E-10	7.849	1.570	1.274E-11	-12.054	0.000	0.000E+00	20.290	4.058	2.201E-10	-6.724	0.000	0.000E+00	45.902	9.180	2.549E-09	18.117	3.623	1.567E-10
529	15.226	3.045	9.304E-11	8.658	1.732	1.710E-11	10.836	2.167	3.354E-11	80.109	16.022	1.355E-08	22.317	4.463	2.929E-10	12.861	2.572	5.606E-11	-8.610	0.000	0.000E+00
530	8.033	1.607	1.366E-11	10.797	2.159	3.318E-11	8.195	1.639	1.451E-11	32.229	6.446	8.824E-10	8.933	1.787	1.879E-11	13.781	2.756	6.898E-11	33.117	6.623	9.573E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
531	28.730	5.746	6.250E-10	11.643	2.329	4.160E-11	-6.378	0.000	0.000E+00	-7.317	0.000	0.000E+00	26.457	5.291	4.881E-10	17.466	3.493	1.404E-10	10.472	2.094	3.027E-11
532	12.333	2.467	4.945E-11	65.663	13.133	7.462E-09	-11.776	0.000	0.000E+00	10.206	2.041	2.802E-11	13.818	2.764	6.954E-11	-12.408	0.000	0.000E+00	88.099	17.620	1.802E-08
533	99.870	19.974	2.625E-08	12.117	2.423	4.689E-11	65.522	13.104	7.414E-09	-6.370	0.000	0.000E+00	49.590	9.918	3.214E-09	24.102	4.820	3.690E-10	-14.044	0.000	0.000E+00
534	-14.801	0.000	0.000E+00	26.645	5.329	4.986E-10	27.150	5.430	5.275E-10	-6.669	0.000	0.000E+00	-7.045	0.000	0.000E+00	-5.823	0.000	0.000E+00	82.903	16.581	1.502E-08
535	9.975	1.995	2.616E-11	22.474	4.495	2.992E-10	16.815	3.363	1.253E-10	17.272	3.454	1.358E-10	42.968	8.594	2.091E-09	13.374	2.675	6.305E-11	12.019	2.404	4.576E-11
536	-9.251	0.000	0.000E+00	-13.223	0.000	0.000E+00	32.094	6.419	8.713E-10	84.371	16.874	1.583E-08	28.032	5.606	5.806E-10	34.648	6.930	1.096E-09	8.641	1.728	1.701E-11
537	36.621	7.324	1.294E-09	-9.675	0.000	0.000E+00	22.514	4.503	3.008E-10	39.806	7.961	1.662E-09	4.655	0.931	2.658E-12	15.929	3.186	1.065E-10	54.248	10.850	4.208E-09
538	10.276	2.055	2.860E-11	11.234	2.247	3.737E-11	11.750	2.350	4.276E-11	10.047	2.009	2.673E-11	29.964	5.993	7.091E-10	14.179	2.836	7.513E-11	15.645	3.129	1.009E-10
539	11.188	2.238	3.691E-11	12.426	2.485	5.057E-11	16.901	3.380	1.272E-10	8.970	1.794	1.902E-11	9.553	1.911	2.298E-11	51.827	10.365	3.669E-09	77.270	15.454	1.216E-08
540	14.262	2.852	7.646E-11	24.381	4.876	3.820E-10	10.391	2.078	2.957E-11	10.485	2.097	3.038E-11	-9.467	0.000	0.000E+00	17.142	3.428	1.328E-10	13.206	2.641	6.070E-11
541	14.203	2.841	7.552E-11	12.318	2.464	4.926E-11	16.145	3.229	1.109E-10	30.275	6.055	7.313E-10	46.710	9.342	2.686E-09	69.604	13.921	8.888E-09	-13.203	0.000	0.000E+00
542	11.342	2.268	3.845E-11	11.982	2.396	4.534E-11	12.691	2.538	5.387E-11	-7.094	0.000	0.000E+00	11.840	2.368	4.375E-11	-7.689	0.000	0.000E+00	25.724	5.145	4.486E-10
543	26.477	5.295	4.892E-10	5.238	1.048	3.788E-12	88.684	17.737	1.838E-08	-7.605	0.000	0.000E+00	19.734	3.947	2.026E-10	20.962	4.192	2.428E-10	9.243	1.849	2.081E-11
544	43.020	8.604	2.099E-09	14.811	2.962	8.564E-11	12.862	2.572	5.608E-11	-9.849	0.000	0.000E+00	53.710	10.742	4.084E-09	21.402	4.280	2.584E-10	-5.518	0.000	0.000E+00
545	20.654	4.131	2.322E-10	7.157	1.431	9.661E-12	10.676	2.135	3.207E-11	6.933	1.387	8.784E-12	28.614	5.723	6.175E-10	49.947	9.989	3.284E-09	-9.462	0.000	0.000E+00
546	27.396	5.479	5.419E-10	8.306	1.661	1.510E-11	7.589	1.518	1.152E-11	50.358	10.072	3.366E-09	-4.332	0.000	0.000E+00	81.135	16.227	1.408E-08	11.011	2.202	3.518E-11
547	14.288	2.858	7.687E-11	13.571	2.714	6.587E-11	21.261	4.252	2.533E-10	18.298	3.660	1.615E-10	10.824	2.165	3.343E-11	-10.787	0.000	0.000E+00	-11.451	0.000	0.000E+00
548	12.486	2.497	5.131E-11	8.514	1.703	1.627E-11	9.897	1.979	2.555E-11	44.770	8.954	2.365E-09	15.923	3.185	1.064E-10	5.124	1.025	3.545E-12	10.691	2.138	3.221E-11
549	32.368	6.474	8.938E-10	33.302	6.660	9.734E-10	50.397	10.079	3.374E-09	-6.900	0.000	0.000E+00	23.481	4.696	3.412E-10	15.108	3.022	9.088E-11	-9.951	0.000	0.000E+00
550	-54.808	0.000	0.000E+00	-9.671	0.000	0.000E+00	9.429	1.886	2.210E-11	21.048	4.210	2.458E-10	-7.208	0.000	0.000E+00	14.421	2.884	7.905E-11	22.257	4.451	2.906E-10
551	32.547	6.509	9.087E-10	22.918	4.584	3.172E-10	20.441	4.088	2.251E-10	10.780	2.156	3.302E-11	12.227	2.445	4.817E-11	15.197	3.039	9.251E-11	-14.218	0.000	0.000E+00
552	17.562	3.512	1.428E-10	-9.847	0.000	0.000E+00	29.173	5.835	6.544E-10	28.323	5.665	5.989E-10	7.435	1.487	1.083E-11	57.775	11.555	5.083E-09	11.912	2.382	4.455E-11
553	17.331	3.466	1.372E-10	-13.145	0.000	0.000E+00	32.219	6.444	8.815E-10	10.526	2.105	3.074E-11	38.477	7.695	1.501E-09	9.621	1.924	2.348E-11	14.679	2.936	8.336E-11
554	24.185	4.837	3.728E-10	16.179	3.236	1.116E-10	-11.258	0.000	0.000E+00	-13.372	0.000	0.000E+00	16.705	3.341	1.229E-10	79.587	15.917	1.329E-08	16.667	3.333	1.220E-10
555	10.591	2.118	3.131E-11	-6.183	0.000	0.000E+00	59.627	11.925	5.588E-09	15.755	3.151	1.031E-10	44.840	8.968	2.376E-09	90.432	18.086	1.949E-08	8.591	1.718	1.671E-11
556	-13.551	0.000	0.000E+00	8.708	1.742	1.740E-11	9.245	1.849	2.083E-11	7.651	1.530	1.180E-11	6.356	1.271	6.769E-12	-9.674	0.000	0.000E+00	-9.944	0.000	0.000E+00
557	13.001	2.600	5.792E-11	-11.191	0.000	0.000E+00	17.192	3.438	1.339E-10	8.925	1.785	1.874E-11	15.803	3.161	1.040E-10	49.202	9.840	3.139E-09	14.811	2.962	8.563E-11
558	24.812	4.962	4.026E-10	25.335	5.067	4.286E-10	-7.122	0.000	0.000E+00	-10.767	0.000	0.000E+00	41.240	8.248	1.849E-09	-7.871	0.000	0.000E+00	-10.189	0.000	0.000E+00
559	6.321	1.264	6.655E-12	14.708	2.942	8.385E-11	28.710	5.742	6.237E-10	43.130	8.626	2.115E-09	-6.683	0.000	0.000E+00	11.716	2.343	4.238E-11	-9.208	0.000	0.000E+00
560	35.711	7.142	1.200E-09	17.710	3.542	1.464E-10	28.621	5.724	6.179E-10	15.066	3.013	9.014E-11	11.255	2.251	3.758E-11	14.244	2.849	7.616E-11	10.312	2.062	2.890E-11
561	29.507	5.901	6.771E-10	-14.327	0.000	0.000E+00	21.518	4.304	2.626E-10	28.284	5.657	5.963E-10	-13.153	0.000	0.000E+00	14.701	2.940	8.374E-11	-17.735	0.000	0.000E+00
562	30.053	6.011	7.154E-10	78.940	15.788	1.297E-08	-5.825	0.000	0.000E+00	-11.182	0.000	0.000E+00	17.307	3.461	1.366E-10	-5.834	0.000	0.000E+00	-5.481	0.000	0.000E+00
563	37.582	7.516	1.399E-09	59.591	11.918	5.578E-09	27.218	5.444	5.314E-10	-6.521	0.000	0.000E+00	12.264	2.453	4.862E-11	11.918	2.384	4.461E-11	16.545	3.309	1.194E-10
564	-5.140	0.000	0.000E+00	9.048	1.810	1.952E-11	-6.073	0.000	0.000E+00	12.725	2.545	5.431E-11	9.297	1.859	2.118E-11	7.488	1.498	1.107E-11	17.502	3.500	1.413E-10
565	37.797	7.559	1.423E-09	16.926	3.385	1.278E-10	-9.381	0.000	0.000E+00	12.439	2.488	5.073E-11	50.925	10.185	3.481E-09	128.838	25.768	5.637E-08	12.215	2.443	4.804E-11
566	24.377	4.875	3.818E-10	-8.510	0.000	0.000E+00	20.910	4.182	2.410E-10	31.255	6.251	8.047E-10	11.998	2.400	4.552E-11	-22.935	0.000	0.000E+00	50.434	10.087	3.381E-09
567	16.120	3.224	1.104E-10	21.378	4.276	2.575E-10	-9.121	0.000	0.000E+00	12.521	2.504	5.173E-11	6.386	1.277	6.864E-12	11.882	2.376	4.421E-11	19.077	3.815	1.830E-10
568	9.131	1.826	2.006E-11	-8.658	0.000	0.000E+00	22.795	4.559	3.122E-10	79.421	15.884	1.320E-08	34.028	6.806	1.038E-09	52.843	10.569	3.889E-09	-8.280	0.000	0.000E+00
569	-6.620	0.000	0.000E+00	11.204	2.241	3.707E-11	4.722	0.944	2.775E-12	7.378	1.476	1.059E-11	-38.304	0.000	0.000E+00	8.778	1.756	1.783E-11	-10.046	0.000	0.000E+00
570	13.025	2.605	5.824E-11	7.551	1.510	1.135E-11	8.492	1.698	1.614E-11	93.733	18.747	2.171E-08	-7.000	0.000	0.000E+00	15.039	3.008	8.966E-11	6.287	1.257	6.548E-12
571	11.155	2.231	3.659E-11	67.483	13.497	8.100E-09	25.778	5.156	4.515E-10	-15.423	0.000	0.000E+00	58.505	11.701	5.278E-09	10.935	2.187	3.446E-11	9.622	1.924	2.348E-11
572	11.536	2.307	4.046E-11	-8.053	0.000	0.000E+00	62.558	12.512	6.453E-09	14.682	2.936	8.342E-11	-7.934	0.000	0.000E+00	36.327	7.265	1.263E-09	90.817	18.163	1.974E-08
573	27.474	5.495	5.466E-10	-11.030	0.000	0.000E+00	14.861	2.972	8.650E-11	20.886	4.177	2.401E-10	37.935	7.587	1.439E-09	-9.520	0.000	0.000E+00	49.957	9.991	3.286E-09
574	-21.092	0.000	0.000E+00	13.783	2.757	6.901E-11	59.047	11.809	5.426E-09	-7.032	0.000	0.000E+00	47.006	9.401	2.737E-09	32.210	6.442	8.808E-10	51.091	10.218	3.515E-09
575	8.946	1.789	1.887E-11	88.569	17.714	1.831E-08	11.879	2.376	4.418E-11	24.325	4.865	3.794E-10	-27.576	0.000	0.000E+00	32.557	6.511	9.096E-10	11.554	2.311	4.065E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
576	46.376	9.275	2.629E-09	13.953	2.791	7.159E-11	29.675	5.935	6.888E-10	32.636	6.527	9.161E-10	10.523	2.105	3.072E-11	15.694	3.139	1.019E-10	17.570	3.514	1.430E-10
577	7.988	1.598	1.343E-11	-8.173	0.000	0.000E+00	17.109	3.422	1.320E-10	17.699	3.540	1.461E-10	43.728	8.746	2.204E-09	-31.606	0.000	0.000E+00	-5.776	0.000	0.000E+00
578	11.866	2.373	4.403E-11	10.939	2.188	3.450E-11	48.979	9.796	3.097E-09	-11.555	0.000	0.000E+00	17.618	3.524	1.441E-10	-26.109	0.000	0.000E+00	18.511	3.702	1.672E-10
579	11.030	2.206	3.537E-11	9.761	1.952	2.451E-11	34.087	6.817	1.044E-09	10.223	2.045	2.816E-11	-10.262	0.000	0.000E+00	15.273	3.055	9.389E-11	96.525	19.305	2.370E-08
580	-7.231	0.000	0.000E+00	16.339	3.268	1.150E-10	11.070	2.214	3.576E-11	14.363	2.873	7.810E-11	18.942	3.788	1.791E-10	31.712	6.342	8.405E-10	-9.573	0.000	0.000E+00
581	-6.816	0.000	0.000E+00	10.151	2.030	2.757E-11	24.605	4.921	3.926E-10	-9.162	0.000	0.000E+00	13.224	2.645	6.095E-11	15.171	3.034	9.204E-11	15.100	3.020	9.075E-11
582	20.265	4.053	2.194E-10	23.170	4.634	3.278E-10	8.956	1.791	1.894E-11	7.611	1.522	1.162E-11	-6.821	0.000	0.000E+00	10.064	2.013	2.687E-11	15.240	3.048	9.329E-11
583	7.379	1.476	1.059E-11	12.698	2.540	5.397E-11	10.361	2.072	2.931E-11	5.835	1.167	5.235E-12	18.409	3.682	1.644E-10	45.101	9.020	2.418E-09	12.494	2.499	5.140E-11
584	13.365	2.673	6.293E-11	24.344	4.869	3.803E-10	47.886	9.577	2.894E-09	22.188	4.438	2.879E-10	-4.917	0.000	0.000E+00	11.086	2.217	3.591E-11	7.406	1.481	1.071E-11
585	-5.173	0.000	0.000E+00	-16.870	0.000	0.000E+00	-9.255	0.000	0.000E+00	21.122	4.224	2.484E-10	23.671	4.734	3.496E-10	9.468	1.894	2.237E-11	12.224	2.445	4.814E-11
586	67.287	13.457	8.029E-09	17.314	3.463	1.368E-10	8.086	1.617	1.393E-11	13.694	2.739	6.768E-11	49.843	9.969	3.264E-09	71.433	14.287	9.607E-09	18.101	3.620	1.563E-10
587	-7.591	0.000	0.000E+00	-11.551	0.000	0.000E+00	-11.971	0.000	0.000E+00	55.541	11.108	4.516E-09	12.648	2.530	5.332E-11	54.094	10.819	4.172E-09	9.434	1.887	2.213E-11
588	17.351	3.470	1.377E-10	15.221	3.044	9.295E-11	21.763	4.353	2.717E-10	15.110	3.022	9.092E-11	-18.372	0.000	0.000E+00	16.124	3.225	1.105E-10	-3.945	0.000	0.000E+00
589	-13.778	0.000	0.000E+00	9.518	1.904	2.273E-11	53.646	10.729	4.069E-09	19.710	3.942	2.018E-10	87.283	17.457	1.753E-08	17.806	3.561	1.488E-10	12.120	2.424	4.692E-11
590	15.091	3.018	9.058E-11	-9.775	0.000	0.000E+00	17.084	3.417	1.314E-10	82.700	16.540	1.491E-08	9.582	1.916	2.319E-11	49.294	9.859	3.157E-09	22.280	4.456	2.915E-10
591	60.064	12.013	5.711E-09	71.890	14.378	9.792E-09	13.778	2.756	6.893E-11	6.331	1.266	6.687E-12	-9.561	0.000	0.000E+00	26.935	5.387	5.150E-10	6.692	1.338	7.899E-12
592	-41.456	0.000	0.000E+00	-8.763	0.000	0.000E+00	10.241	2.048	2.830E-11	-8.182	0.000	0.000E+00	-6.430	0.000	0.000E+00	10.487	2.097	3.040E-11	-11.579	0.000	0.000E+00
593	13.122	2.624	5.955E-11	16.932	3.386	1.280E-10	7.977	1.595	1.338E-11	12.522	2.504	5.175E-11	-8.163	0.000	0.000E+00	13.677	2.735	6.742E-11	95.626	19.125	2.305E-08
594	-6.521	0.000	0.000E+00	18.210	3.642	1.592E-10	31.681	6.336	8.381E-10	14.871	2.974	8.667E-11	13.611	2.722	6.645E-11	21.346	4.269	2.563E-10	13.819	2.764	6.955E-11
595	-11.634	0.000	0.000E+00	-20.578	0.000	0.000E+00	21.593	4.319	2.654E-10	32.242	6.448	8.834E-10	11.396	2.279	3.900E-11	15.033	3.007	8.953E-11	-11.990	0.000	0.000E+00
596	-8.935	0.000	0.000E+00	47.700	9.540	2.860E-09	-7.564	0.000	0.000E+00	33.420	6.684	9.838E-10	31.354	6.271	8.124E-10	29.063	5.813	6.470E-10	9.251	1.850	2.087E-11
597	18.494	3.699	1.667E-10	12.700	2.540	5.399E-11	15.817	3.163	1.043E-10	37.455	7.491	1.385E-09	9.943	1.989	2.591E-11	36.463	7.293	1.278E-09	12.255	2.451	4.851E-11
598	46.149	9.230	2.590E-09	32.376	6.475	8.944E-10	-11.483	0.000	0.000E+00	87.083	17.417	1.741E-08	27.109	5.422	5.251E-10	43.951	8.790	2.238E-09	-7.861	0.000	0.000E+00
599	-10.752	0.000	0.000E+00	21.093	4.219	2.473E-10	14.608	2.922	8.217E-11	95.436	19.087	2.291E-08	44.853	8.971	2.378E-09	-7.241	0.000	0.000E+00	48.351	9.670	2.979E-09
600	-9.410	0.000	0.000E+00	34.348	6.870	1.068E-09	71.335	14.267	9.568E-09	76.278	15.256	1.170E-08	9.878	1.976	2.541E-11	9.707	1.941	2.411E-11	22.503	4.501	3.004E-10
601	7.860	1.572	1.280E-11	15.298	3.060	9.437E-11	-9.152	0.000	0.000E+00	32.985	6.597	9.459E-10	7.795	1.559	1.248E-11	15.185	3.037	9.229E-11	24.033	4.807	3.658E-10
602	9.417	1.883	2.201E-11	9.568	1.914	2.308E-11	41.678	8.336	1.908E-09	32.004	6.401	8.640E-10	39.704	7.941	1.650E-09	-10.615	0.000	0.000E+00	18.422	3.684	1.648E-10
603	32.947	6.589	9.426E-10	-10.848	0.000	0.000E+00	-5.999	0.000	0.000E+00	-10.880	0.000	0.000E+00	-12.544	0.000	0.000E+00	17.525	3.505	1.419E-10	31.303	6.261	8.084E-10
604	-22.383	0.000	0.000E+00	42.889	8.578	2.079E-09	14.486	2.897	8.012E-11	-7.895	0.000	0.000E+00	7.034	1.407	9.173E-12	42.917	8.583	2.083E-09	14.581	2.916	8.171E-11
605	-10.076	0.000	0.000E+00	19.110	3.822	1.839E-10	62.896	12.579	6.558E-09	16.939	3.388	1.281E-10	22.298	4.460	2.922E-10	-33.824	0.000	0.000E+00	8.011	1.602	1.355E-11
606	15.931	3.186	1.066E-10	11.575	2.315	4.088E-11	-9.073	0.000	0.000E+00	-14.166	0.000	0.000E+00	11.862	2.372	4.400E-11	-7.837	0.000	0.000E+00	90.603	18.121	1.960E-08
607	11.540	2.308	4.051E-11	-6.042	0.000	0.000E+00	4.677	0.935	2.696E-12	12.998	2.600	5.788E-11	-7.955	0.000	0.000E+00	10.578	2.116	3.120E-11	71.279	14.256	9.545E-09
608	42.254	8.451	1.988E-09	50.591	10.118	3.413E-09	12.770	2.554	5.489E-11	9.196	1.839	2.050E-11	12.026	2.405	4.584E-11	9.924	1.985	2.576E-11	32.595	6.519	9.127E-10
609	-5.622	0.000	0.000E+00	12.907	2.581	5.667E-11	11.089	2.218	3.594E-11	17.875	3.575	1.505E-10	13.433	2.687	6.389E-11	35.893	7.179	1.219E-09	15.607	3.121	1.002E-10
610	13.877	2.775	7.043E-11	10.585	2.117	3.126E-11	-9.324	0.000	0.000E+00	76.293	15.259	1.170E-08	21.275	4.255	2.538E-10	-10.365	0.000	0.000E+00	56.639	11.328	4.789E-09
611	67.333	13.467	8.046E-09	-5.457	0.000	0.000E+00	7.212	1.442	9.886E-12	22.426	4.485	2.973E-10	44.643	8.929	2.345E-09	12.360	2.472	4.977E-11	10.569	2.114	3.111E-11
612	33.623	6.725	1.002E-09	12.183	2.437	4.766E-11	34.545	6.909	1.087E-09	39.081	7.816	1.573E-09	11.594	2.319	4.108E-11	-8.376	0.000	0.000E+00	10.671	2.134	3.203E-11
613	49.240	9.848	3.147E-09	11.780	2.356	4.309E-11	-5.676	0.000	0.000E+00	19.714	3.943	2.019E-10	-9.296	0.000	0.000E+00	-6.093	0.000	0.000E+00	10.643	2.129	3.178E-11
614	18.512	3.702	1.672E-10	19.011	3.802	1.811E-10	11.366	2.273	3.870E-11	-6.507	0.000	0.000E+00	10.063	2.013	2.685E-11	17.957	3.591	1.526E-10	19.451	3.890	1.940E-10
615	13.759	2.752	6.866E-11	-19.647	0.000	0.000E+00	33.365	6.673	9.790E-10	9.389	1.878	2.182E-11	51.944	10.389	3.694E-09	8.066	1.613	1.383E-11	62.809	12.562	6.531E-09
616	34.972	6.994	1.127E-09	14.615	2.923	8.227E-11	9.320	1.864	2.133E-11	-7.994	0.000	0.000E+00	6.357	1.271	6.771E-12	11.290	2.258	3.793E-11	15.558	3.112	9.925E-11
617	7.100	1.420	9.435E-12	62.087	12.417	6.308E-09	13.563	2.713	6.576E-11	9.752	1.950	2.019E-10	7.184	1.437	9.773E-12	7.766	1.553	1.234E-11	4.321	0.864	2.178E-12
618	12.626	2.525	5.305E-11	15.263	3.053	9.371E-11	24.401	4.880	3.829E-10	89.196	17.839	1.870E-08	22.761	4.552	3.108E-10	20.057	4.011	2.127E-10	7.203	1.441	9.850E-12
619	5.875	1.175	5.345E-12	7.147	1.429	9.621E-12	71.393	14.279	9.591E-09	34.044	6.809	1.040E-09	-12.390	0.000	0.000E+00	14.961	2.992	8.827E-11	10.300	2.060	2.880E-11
620	3.689	0.738	1.324E-12	112.074	22.415	3.710E-08	10.335	2.067	2.909E-11	-12.144	0.000	0.000E+00	10.445	2.089	3.004E-11	58.107	11.621	5.171E-09	29.571	5.914	6.815E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
621	46.301	9.260	2.616E-09	5.220	1.044	3.749E-12	18.753	3.751	1.738E-10	-14.096	0.000	0.000E+00	-8.591	0.000	0.000E+00	35.828	7.166	1.212E-09	11.908	2.382	4.451E-11
622	11.871	2.374	4.409E-11	7.145	1.429	9.615E-12	13.767	2.753	6.877E-11	8.273	1.655	1.492E-11	15.314	3.063	9.466E-11	24.142	4.828	3.708E-10	9.981	1.996	2.621E-11
623	46.511	9.302	2.652E-09	16.462	3.292	1.176E-10	11.324	2.265	3.827E-11	8.915	1.783	1.868E-11	4.348	0.870	2.166E-12	18.094	3.619	1.561E-10	-7.263	0.000	0.000E+00
624	14.440	2.888	7.936E-11	4.782	0.956	2.883E-12	12.884	2.577	5.637E-11	31.393	6.279	8.155E-10	9.124	1.825	2.002E-11	-16.379	0.000	0.000E+00	53.205	10.641	3.970E-09
625	12.052	2.410	4.614E-11	14.962	2.992	8.827E-11	15.774	3.155	1.034E-10	17.655	3.531	1.450E-10	-14.704	0.000	0.000E+00	17.480	3.496	1.408E-10	38.429	7.686	1.496E-09
626	20.519	4.104	2.277E-10	8.869	1.774	1.839E-11	10.569	2.114	3.112E-11	26.057	5.211	4.663E-10	14.023	2.805	7.267E-11	40.828	8.166	1.794E-09	26.723	5.345	5.030E-10
627	16.324	3.265	1.146E-10	-6.568	0.000	0.000E+00	8.130	1.626	1.417E-11	12.206	2.441	4.793E-11	25.590	5.118	4.417E-10	32.887	6.577	9.375E-10	48.424	9.685	2.993E-09
628	13.589	2.718	6.614E-11	-13.832	0.000	0.000E+00	18.319	3.664	1.620E-10	29.440	5.888	6.725E-10	34.499	6.900	1.082E-09	10.276	2.055	2.860E-11	18.000	3.600	1.537E-10
629	12.494	2.499	5.141E-11	16.661	3.332	1.219E-10	9.662	1.932	2.377E-11	91.158	18.232	1.997E-08	17.853	3.571	1.500E-10	25.064	5.013	4.150E-10	10.234	2.047	2.825E-11
630	13.078	2.616	5.896E-11	-10.601	0.000	0.000E+00	10.094	2.019	2.711E-11	-7.808	0.000	0.000E+00	15.276	3.055	9.396E-11	-14.074	0.000	0.000E+00	20.324	4.065	2.213E-10
631	10.334	2.067	2.908E-11	-16.414	0.000	0.000E+00	-14.708	0.000	0.000E+00	54.648	10.930	4.301E-09	-20.928	0.000	0.000E+00	-12.314	0.000	0.000E+00	11.261	2.252	3.764E-11
632	9.587	1.917	2.322E-11	-7.412	0.000	0.000E+00	42.012	8.402	1.954E-09	9.099	1.820	1.985E-11	-10.151	0.000	0.000E+00	23.796	4.759	3.551E-10	13.177	2.635	6.031E-11
633	42.586	8.517	2.036E-09	16.448	3.290	1.173E-10	7.553	1.511	1.136E-11	83.052	16.610	1.510E-08	52.320	10.464	3.775E-09	9.953	1.991	2.599E-11	10.505	2.101	3.055E-11
634	-8.970	0.000	0.000E+00	14.793	2.959	8.532E-11	20.417	4.083	2.243E-10	9.744	1.949	2.438E-11	-12.226	0.000	0.000E+00	14.752	2.950	8.462E-11	7.030	1.406	9.158E-12
635	9.606	1.921	2.336E-11	-5.661	0.000	0.000E+00	32.403	6.481	8.967E-10	24.317	4.863	3.790E-10	43.909	8.782	2.231E-09	10.880	2.176	3.394E-11	-10.520	0.000	0.000E+00
636	12.838	2.568	5.577E-11	-9.303	0.000	0.000E+00	-8.111	0.000	0.000E+00	49.329	9.866	3.164E-09	15.764	3.153	1.033E-10	-11.503	0.000	0.000E+00	26.609	5.322	4.966E-10
637	69.066	13.813	8.683E-09	33.181	6.636	9.629E-10	28.942	5.788	6.389E-10	14.234	2.847	7.602E-11	-14.872	0.000	0.000E+00	20.576	4.115	2.296E-10	29.517	5.903	6.778E-10
638	-70.202	0.000	0.000E+00	10.451	2.090	3.008E-11	35.094	7.019	1.139E-09	-18.780	0.000	0.000E+00	10.768	2.154	3.290E-11	23.336	4.667	3.349E-10	11.498	2.300	4.006E-11
639	6.251	1.250	6.437E-12	11.973	2.395	4.524E-11	10.844	2.169	3.361E-11	93.521	18.704	2.156E-08	-9.766	0.000	0.000E+00	10.460	2.092	3.017E-11	11.978	2.396	4.529E-11
640	-10.172	0.000	0.000E+00	7.893	1.579	1.296E-11	6.304	1.261	6.604E-12	6.645	1.329	7.735E-12	-6.917	0.000	0.000E+00	24.429	4.886	3.842E-10	49.388	9.878	3.175E-09
641	8.544	1.709	1.644E-11	9.143	1.829	2.014E-11	10.936	2.187	3.447E-11	35.015	7.003	1.131E-09	6.237	1.247	6.396E-12	30.829	6.166	7.722E-10	11.727	2.345	4.250E-11
642	-10.530	0.000	0.000E+00	103.115	20.623	2.890E-08	82.257	16.451	1.467E-08	61.688	12.338	6.187E-09	20.059	4.012	2.127E-10	43.631	8.726	2.189E-09	12.553	2.511	5.213E-11
643	51.664	10.333	3.634E-09	30.529	6.106	7.499E-10	-41.017	0.000	0.000E+00	10.529	2.106	3.077E-11	32.262	6.452	8.851E-10	8.417	1.683	1.572E-11	54.558	10.912	4.280E-09
644	12.291	2.458	4.894E-11	8.750	1.750	1.766E-11	-12.437	0.000	0.000E+00	41.051	8.210	1.823E-09	-6.142	0.000	0.000E+00	11.517	2.303	4.026E-11	-10.846	0.000	0.000E+00
645	25.664	5.133	4.455E-10	14.275	2.855	7.667E-11	86.312	17.262	1.695E-08	16.786	3.357	1.247E-10	-9.605	0.000	0.000E+00	57.056	11.411	4.895E-09	-11.226	0.000	0.000E+00
646	11.820	2.364	4.352E-11	-7.863	0.000	0.000E+00	9.577	1.915	2.315E-11	-4.732	0.000	0.000E+00	-12.005	0.000	0.000E+00	8.908	1.782	1.863E-11	47.436	9.487	2.813E-09
647	18.907	3.781	1.781E-10	7.425	1.485	1.079E-11	47.809	9.562	2.880E-09	11.022	2.204	3.529E-11	47.698	9.540	2.860E-09	8.318	1.664	1.517E-11	6.410	1.282	6.942E-12
648	20.232	4.046	2.183E-10	11.257	2.251	3.759E-11	86.296	17.259	1.694E-08	-7.586	0.000	0.000E+00	33.016	6.603	9.485E-10	48.646	9.729	3.034E-09	31.653	6.331	8.358E-10
649	29.594	5.919	6.831E-10	7.051	1.410	9.238E-12	19.184	3.837	1.861E-10	11.997	2.399	4.551E-11	61.954	12.391	6.268E-09	9.459	1.892	2.230E-11	6.610	1.322	7.611E-12
650	20.952	4.190	2.424E-10	15.713	3.143	1.022E-10	-11.079	0.000	0.000E+00	44.517	8.903	2.325E-09	8.105	1.621	1.403E-11	100.547	20.109	2.679E-08	13.939	2.788	7.138E-11
651	5.260	1.052	3.836E-12	30.529	6.106	7.500E-10	7.573	1.515	1.145E-11	31.117	6.223	7.941E-10	8.721	1.744	1.748E-11	16.719	3.344	1.232E-10	94.159	18.832	2.200E-08
652	9.073	1.815	1.968E-11	42.063	8.413	1.962E-09	94.393	18.879	2.217E-08	61.158	12.232	6.029E-09	6.722	1.344	8.005E-12	16.958	3.392	1.285E-10	-11.102	0.000	0.000E+00
653	11.151	2.230	3.655E-11	5.005	1.001	3.305E-12	11.784	2.357	4.313E-11	11.373	2.275	3.877E-11	15.773	3.155	1.034E-10	38.786	7.757	1.538E-09	-5.239	0.000	0.000E+00
654	9.623	1.925	2.349E-11	57.061	11.412	4.897E-09	-16.526	0.000	0.000E+00	23.155	4.631	3.272E-10	28.827	5.765	6.314E-10	98.921	19.784	2.551E-08	9.194	1.839	2.048E-11
655	49.942	9.988	3.283E-09	43.960	8.792	2.239E-09	31.625	6.325	8.336E-10	42.486	8.497	2.021E-09	52.049	10.410	3.716E-09	6.353	1.271	6.758E-12	13.182	2.636	6.037E-11
656	-11.929	0.000	0.000E+00	11.186	2.237	3.689E-11	-5.390	0.000	0.000E+00	13.916	2.783	7.103E-11	7.998	1.600	1.348E-11	10.098	2.020	2.714E-11	-14.390	0.000	0.000E+00
657	6.061	1.212	5.868E-12	8.146	1.629	1.425E-11	10.163	2.033	2.767E-11	14.168	2.834	7.496E-11	-10.131	0.000	0.000E+00	6.583	1.317	7.520E-12	-11.368	0.000	0.000E+00
658	15.175	3.035	9.210E-11	17.948	3.590	1.524E-10	30.017	6.003	7.129E-10	11.332	2.266	3.835E-11	51.996	10.399	3.705E-09	13.909	2.782	7.092E-11	12.951	2.590	5.725E-11
659	15.058	3.012	8.998E-11	43.310	8.662	2.141E-09	15.516	3.103	9.845E-11	24.023	4.805	3.654E-10	20.735	4.147	2.350E-10	17.772	3.554	1.479E-10	-6.747	0.000	0.000E+00
660	9.465	1.893	2.235E-11	19.225	3.845	1.873E-10	18.526	3.705	1.676E-10	-14.090	0.000	0.000E+00	53.945	10.789	4.138E-09	-8.175	0.000	0.000E+00	9.163	1.833	2.028E-11
661	10.132	2.026	2.741E-11	18.549	3.710	1.682E-10	24.898	4.980	4.068E-10	83.221	16.644	1.519E-08	57.423	11.485	4.991E-09	8.677	1.735	1.722E-11	22.406	4.481	2.965E-10
662	-5.218	0.000	0.000E+00	47.636	9.527	2.849E-09	19.931	3.986	2.087E-10	-12.929	0.000	0.000E+00	7.649	1.530	1.180E-11	16.653	3.331	1.217E-10	13.279	2.656	6.172E-11
663	34.996	6.999	1.130E-09	-7.406	0.000	0.000E+00	11.343	2.269	3.847E-11	16.177	3.235	1.116E-10	106.710	21.342	3.203E-08	18.553	3.711	1.683E-10	16.527	3.305	1.190E-10
664	-8.235	0.000	0.000E+00	13.858	2.772	7.015E-11	21.867	4.373	2.756E-10	4.434	0.887	2.298E-12	45.460	9.092	2.476E-09	-12.738	0.000	0.000E+00	7.611	1.522	1.162E-11
665	-8.685	0.000	0.000E+00	34.503	6.901	1.083E-09	19.134	3.827	1.846E-10	87.572	17.514	1.770E-08	16.313	3.263	1.144E-10	11.215	2.243	3.717E-11	46.813	9.363	2.704E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
666	8.637	1.727	1.698E-11	8.626	1.725	1.691E-11	11.948	2.390	4.495E-11	133.974	26.795	6.338E-08	7.563	1.513	1.140E-11	-9.599	0.000	0.000E+00	50.017	10.003	3.298E-09
667	14.668	2.934	8.317E-11	45.242	9.048	2.441E-09	-11.657	0.000	0.000E+00	11.211	2.242	3.714E-11	6.982	1.396	8.969E-12	8.448	1.690	1.589E-11	-8.200	0.000	0.000E+00
668	23.246	4.649	3.311E-10	7.339	1.468	1.042E-11	45.742	9.148	2.523E-09	8.335	1.667	1.526E-11	20.613	4.123	2.308E-10	17.162	3.432	1.332E-10	21.754	4.351	2.713E-10
669	8.730	1.746	1.753E-11	6.788	1.358	8.242E-12	-11.255	0.000	0.000E+00	89.201	17.840	1.871E-08	-10.295	0.000	0.000E+00	10.657	2.131	3.190E-11	25.654	5.131	4.450E-10
670	7.473	1.495	1.100E-11	11.851	2.370	4.387E-11	75.431	15.086	1.131E-08	44.470	8.894	2.318E-09	6.580	1.316	7.510E-12	53.946	10.789	4.138E-09	18.522	3.704	1.675E-10
671	-10.728	0.000	0.000E+00	46.048	9.210	2.574E-09	49.743	9.949	3.244E-09	17.977	3.595	1.531E-10	9.204	1.841	2.055E-11	44.265	8.853	2.286E-09	57.243	11.449	4.944E-09
672	10.686	2.137	3.216E-11	13.485	2.697	6.463E-11	12.827	2.565	5.562E-11	13.512	2.702	6.502E-11	5.847	1.169	5.267E-12	9.988	1.998	2.626E-11	11.331	2.266	3.835E-11
673	14.038	2.808	7.291E-11	9.781	1.956	2.466E-11	17.117	3.423	1.322E-10	22.588	4.518	3.038E-10	33.240	6.648	9.680E-10	11.664	2.333	4.183E-11	21.342	4.268	2.562E-10
674	15.746	3.149	1.029E-10	17.139	3.428	1.327E-11	11.738	2.348	4.263E-11	12.470	2.494	5.111E-11	8.050	1.610	1.375E-11	17.750	3.550	1.474E-10	13.455	2.691	6.420E-11
675	6.981	1.396	8.968E-12	11.453	2.291	3.959E-11	12.920	2.584	5.685E-11	36.722	7.344	1.305E-09	43.023	8.605	2.099E-09	97.393	19.479	2.435E-08	50.520	10.104	3.398E-09
676	35.880	7.176	1.217E-09	31.365	6.273	8.132E-10	8.115	1.623	1.409E-11	9.229	1.846	2.072E-11	28.239	5.648	5.935E-10	-7.124	0.000	0.000E+00	50.854	10.171	3.466E-09
677	77.051	15.410	1.206E-08	7.924	1.585	1.311E-11	16.262	3.252	1.133E-10	-14.025	0.000	0.000E+00	-8.927	0.000	0.000E+00	18.641	3.728	1.707E-10	15.163	3.033	9.189E-11
678	12.481	2.496	5.125E-11	3.523	0.705	1.152E-12	62.691	12.538	6.494E-09	4.312	0.862	2.114E-12	13.867	2.773	7.028E-11	-10.069	0.000	0.000E+00	35.342	7.068	1.164E-09
679	56.457	11.291	4.743E-09	15.121	3.024	9.113E-11	59.286	11.857	5.492E-09	7.321	1.464	1.034E-11	11.311	2.262	3.814E-11	16.665	3.333	1.220E-10	-8.889	0.000	0.000E+00
680	16.973	3.395	1.289E-10	6.119	1.224	6.037E-12	7.316	1.463	1.032E-11	-11.015	0.000	0.000E+00	36.877	7.375	1.322E-09	11.469	2.294	3.976E-11	20.574	4.115	2.295E-10
681	8.282	1.656	1.497E-11	-6.764	0.000	0.000E+00	58.972	11.794	5.405E-09	-5.528	0.000	0.000E+00	5.464	1.093	4.300E-12	9.429	1.886	2.210E-11	15.371	3.074	9.572E-11
682	26.143	5.229	4.709E-10	-13.783	0.000	0.000E+00	-8.232	0.000	0.000E+00	7.031	1.406	9.159E-12	51.243	10.249	3.546E-09	23.743	4.749	3.528E-10	-11.970	0.000	0.000E+00
683	9.538	1.908	2.287E-11	11.157	2.231	3.660E-11	12.024	2.405	4.582E-11	15.963	3.193	1.072E-10	55.258	11.052	4.447E-09	-35.802	0.000	0.000E+00	6.226	1.245	6.360E-12
684	-7.444	0.000	0.000E+00	-8.224	0.000	0.000E+00	11.651	2.330	4.168E-11	9.336	1.867	2.144E-11	80.014	16.003	1.350E-08	-9.071	0.000	0.000E+00	59.164	11.833	5.458E-09
685	61.595	12.319	6.159E-09	8.691	1.738	1.730E-11	-7.652	0.000	0.000E+00	15.641	3.128	1.009E-10	-9.918	0.000	0.000E+00	-8.813	0.000	0.000E+00	5.782	1.156	5.095E-12
686	9.015	1.803	1.931E-11	5.346	1.069	4.027E-12	15.092	3.018	9.059E-11	30.438	6.088	7.433E-10	37.030	7.406	1.338E-09	15.195	3.039	9.247E-11	9.621	1.924	2.347E-11
687	15.979	3.196	1.075E-10	9.746	1.949	2.440E-11	22.674	4.535	3.072E-10	15.626	3.125	1.006E-10	10.589	2.118	3.129E-11	-15.027	0.000	0.000E+00	9.018	1.804	1.933E-11
688	12.486	2.497	5.131E-11	10.136	2.027	2.745E-11	17.161	3.432	1.332E-10	-16.874	0.000	0.000E+00	-8.480	0.000	0.000E+00	31.035	6.207	7.878E-10	18.949	3.790	1.793E-10
689	19.475	3.895	1.947E-10	-8.646	0.000	0.000E+00	63.471	12.694	6.739E-09	17.835	3.567	1.495E-10	12.337	2.467	4.949E-11	7.906	1.581	1.302E-11	9.537	1.907	2.287E-11
690	31.788	6.358	8.466E-10	-15.586	0.000	0.000E+00	12.704	2.541	5.403E-11	56.145	11.229	4.665E-09	48.972	9.794	3.095E-09	-9.749	0.000	0.000E+00	16.170	3.234	1.114E-10
691	12.291	2.458	4.894E-11	15.099	3.020	9.072E-11	-7.427	0.000	0.000E+00	25.031	5.006	4.134E-10	14.807	2.961	8.556E-11	14.925	2.985	8.763E-11	-20.246	0.000	0.000E+00
692	11.420	2.284	3.926E-11	11.810	2.362	4.341E-11	12.112	2.422	4.683E-11	-6.869	0.000	0.000E+00	11.290	2.258	3.793E-11	10.311	2.062	2.889E-11	8.294	1.659	1.504E-11
693	-6.546	0.000	0.000E+00	9.796	1.959	2.478E-11	43.174	8.635	2.121E-09	14.728	2.946	8.420E-11	13.307	2.661	6.210E-11	8.091	1.618	1.396E-11	50.222	10.044	3.339E-09
694	49.613	9.923	3.219E-09	13.965	2.793	7.178E-11	-30.373	0.000	0.000E+00	14.339	2.868	7.770E-11	48.556	9.711	3.017E-09	-9.566	0.000	0.000E+00	11.612	2.322	4.127E-11
695	-10.472	0.000	0.000E+00	-12.274	0.000	0.000E+00	15.711	3.142	1.022E-10	-11.999	0.000	0.000E+00	-10.524	0.000	0.000E+00	-12.732	0.000	0.000E+00	44.886	8.977	2.384E-09
696	-11.223	0.000	0.000E+00	19.021	3.804	1.814E-10	23.929	4.786	3.612E-10	31.576	6.315	8.298E-10	14.077	2.815	7.352E-11	7.052	1.410	9.244E-12	48.013	9.603	2.917E-09
697	43.982	8.796	2.242E-09	22.572	4.514	3.031E-10	10.050	2.010	2.675E-11	8.617	1.723	1.686E-11	10.525	2.105	3.073E-11	36.265	7.253	1.257E-09	12.942	2.588	5.714E-11
698	11.042	2.208	3.548E-11	10.824	2.165	3.343E-11	11.029	2.206	3.536E-11	19.244	3.849	1.878E-10	20.591	4.118	2.301E-10	-7.870	0.000	0.000E+00	42.611	8.522	2.039E-09
699	10.978	2.196	3.487E-11	11.555	2.311	4.066E-11	9.872	1.974	2.535E-11	5.846	1.169	5.267E-12	16.354	3.271	1.153E-10	34.439	6.888	1.077E-09	7.060	1.412	9.275E-12
700	10.817	2.163	3.336E-11	-7.958	0.000	0.000E+00	6.637	1.327	7.707E-12	78.414	15.683	1.271E-08	9.185	1.837	2.042E-11	12.389	2.478	5.011E-11	8.939	1.788	1.883E-11
701	55.031	11.006	4.393E-09	10.779	2.156	3.301E-11	-11.291	0.000	0.000E+00	10.063	2.013	2.686E-11	54.724	10.945	4.319E-09	49.885	9.977	3.272E-09	10.458	2.092	3.015E-11
702	6.967	1.393	8.912E-12	26.809	5.362	5.079E-10	12.362	2.472	4.979E-11	29.042	5.808	6.456E-10	-7.123	0.000	0.000E+00	12.105	2.421	4.675E-11	51.568	10.314	3.614E-09
703	44.247	8.849	2.283E-09	13.826	2.765	9.966E-11	9.562	1.912	2.304E-11	9.065	1.813	1.963E-11	45.770	9.154	2.527E-09	40.184	8.037	1.710E-09	13.842	2.768	6.990E-11
704	17.510	3.502	1.415E-10	13.563	2.713	6.576E-11	-8.416	0.000	0.000E+00	13.075	2.615	5.891E-11	11.539	2.308	4.049E-11	39.261	7.852	1.595E-09	19.544	3.909	1.968E-10
705	-11.460	0.000	0.000E+00	26.646	5.329	4.986E-10	12.025	2.405	4.583E-11	14.407	2.881	7.882E-11	38.557	7.711	1.511E-09	9.150	1.830	2.019E-11	13.778	2.756	6.894E-11
706	15.963	3.193	1.072E-10	19.449	3.890	1.939E-10	18.768	3.754	1.742E-10	21.403	4.281	2.584E-10	21.933	4.387	2.781E-10	11.278	2.256	3.781E-11	90.438	18.088	1.950E-08
707	-9.092	0.000	0.000E+00	-17.574	0.000	0.000E+00	-6.812	0.000	0.000E+00	15.036	3.007	8.959E-11	57.386	11.477	4.981E-09	6.761	1.352	8.145E-12	-19.188	0.000	0.000E+00
708	16.874	3.375	1.266E-10	23.900	4.780	3.598E-10	18.564	3.713	1.686E-10	42.541	8.508	2.029E-09	-9.149	0.000	0.000E+00	5.871	1.174	5.333E-12	17.002	3.400	1.295E-10
709	-6.062	0.000	0.000E+00	-17.325	0.000	0.000E+00	-10.185	0.000	0.000E+00	45.178	9.036	2.430E-09	16.142	3.228	1.109E-10	7.988	1.598	1.343E-11	-16.964	0.000	0.000E+00
710	17.614	3.523	1.440E-10	34.609	6.922	1.093E-09	8.175	1.635	1.440E-11	62.030	12.406	6.291E-09	-8.680	0.000	0.000E+00	14.172	2.834	7.502E-11	40.573	8.115	1.760E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
711	10.896	2.179	3.410E-11	-6.249	0.000	0.000E+00	12.998	2.600	5.788E-11	98.332	19.666	2.506E-08	11.077	2.215	3.583E-11	12.881	2.576	5.633E-11	11.803	2.361	4.334E-11
712	22.457	4.491	2.985E-10	6.834	1.367	8.412E-12	46.973	9.395	2.732E-09	30.595	6.119	7.548E-10	-5.250	0.000	0.000E+00	63.261	12.652	6.673E-09	12.723	2.545	5.428E-11
713	13.849	2.770	7.001E-11	-10.317	0.000	0.000E+00	13.661	2.732	6.720E-11	5.685	1.137	4.843E-12	21.245	4.249	2.527E-10	-5.637	0.000	0.000E+00	24.410	4.882	3.834E-10
714	43.150	8.630	2.117E-09	46.123	9.225	2.586E-09	38.507	7.701	1.505E-09	-8.739	0.000	0.000E+00	13.891	2.778	7.065E-11	13.772	2.754	6.885E-11	-17.002	0.000	0.000E+00
715	28.671	5.734	6.212E-10	8.814	1.763	1.804E-11	-6.605	0.000	0.000E+00	39.921	7.984	1.677E-09	53.809	10.762	4.106E-09	-6.407	0.000	0.000E+00	48.799	9.760	3.063E-09
716	-11.481	0.000	0.000E+00	44.517	8.903	2.325E-09	8.826	1.765	1.812E-11	57.668	11.534	5.055E-09	19.395	3.879	1.923E-10	12.883	2.577	5.635E-11	-12.655	0.000	0.000E+00
717	-17.323	0.000	0.000E+00	9.652	1.930	2.370E-11	96.028	19.206	2.334E-08	-9.028	0.000	0.000E+00	38.275	7.655	1.478E-09	15.689	3.138	1.018E-10	15.518	3.104	9.849E-11
718	37.816	7.563	1.425E-09	29.173	5.835	6.544E-10	10.917	2.183	3.429E-11	15.361	3.072	9.553E-11	-5.305	0.000	0.000E+00	42.453	8.491	2.017E-09	10.920	2.184	3.432E-11
719	-23.287	0.000	0.000E+00	87.709	17.542	1.778E-08	-7.520	0.000	0.000E+00	15.825	3.165	1.045E-10	-7.149	0.000	0.000E+00	46.598	9.320	2.667E-09	6.261	1.252	6.468E-12
720	-9.180	0.000	0.000E+00	13.595	2.719	6.622E-11	22.509	4.502	3.006E-10	93.168	18.634	2.132E-08	-7.804	0.000	0.000E+00	8.253	1.651	1.481E-11	46.072	9.214	2.577E-09
721	44.305	8.861	2.292E-09	12.282	2.456	4.883E-11	-11.312	0.000	0.000E+00	10.016	2.003	2.648E-11	54.246	10.849	4.207E-09	-6.519	0.000	0.000E+00	-8.782	0.000	0.000E+00
722	11.441	2.288	3.947E-11	17.477	3.495	1.407E-10	15.164	3.033	9.190E-11	10.655	2.131	3.189E-11	7.445	1.489	1.088E-11	55.398	11.080	4.481E-09	9.466	1.893	2.236E-11
723	9.128	1.826	2.005E-11	-7.373	0.000	0.000E+00	29.104	5.821	6.497E-10	-18.251	0.000	0.000E+00	12.297	2.459	4.901E-11	49.930	9.986	3.281E-09	-4.844	0.000	0.000E+00
724	12.535	2.507	5.191E-11	-8.094	0.000	0.000E+00	20.583	4.117	2.298E-10	49.553	9.911	3.207E-09	47.660	9.532	2.853E-09	58.491	11.698	5.274E-09	14.012	2.802	7.251E-11
725	55.561	11.112	4.521E-09	27.018	5.404	5.198E-10	9.498	1.900	2.258E-11	6.769	1.354	8.176E-12	26.525	5.305	4.919E-10	-10.929	0.000	0.000E+00	-6.820	0.000	0.000E+00
726	-10.201	0.000	0.000E+00	-20.922	0.000	0.000E+00	18.694	3.739	1.722E-10	49.144	9.829	3.128E-09	-6.499	0.000	0.000E+00	51.465	10.293	3.593E-09	7.947	1.589	1.323E-11
727	10.097	2.019	2.713E-11	18.399	3.680	1.642E-10	11.320	2.264	3.823E-11	80.339	16.068	1.367E-08	-5.008	0.000	0.000E+00	11.722	2.344	4.245E-11	13.837	2.767	6.982E-11
728	42.988	8.598	2.094E-09	-8.656	0.000	0.000E+00	17.913	3.583	1.515E-10	-7.280	0.000	0.000E+00	4.961	0.992	3.218E-12	42.240	8.448	1.986E-09	-6.085	0.000	0.000E+00
729	-13.068	0.000	0.000E+00	7.836	1.567	1.268E-11	-7.813	0.000	0.000E+00	96.255	19.251	2.350E-08	8.353	1.671	1.536E-11	4.688	0.938	2.715E-12	6.955	1.391	8.868E-12
730	-8.423	0.000	0.000E+00	13.028	2.606	5.828E-11	10.231	2.046	2.823E-11	-6.673	0.000	0.000E+00	15.448	3.090	9.717E-11	15.531	3.106	9.873E-11	15.329	3.066	9.494E-11
731	8.516	1.703	1.628E-11	12.327	2.465	4.937E-11	10.849	2.170	3.366E-11	-11.479	0.000	0.000E+00	59.032	11.806	5.422E-09	-6.707	0.000	0.000E+00	7.976	1.595	1.337E-11
732	49.938	9.988	3.282E-09	14.770	2.954	8.493E-11	7.343	1.469	1.043E-11	80.005	16.001	1.350E-08	34.782	6.956	1.109E-09	7.577	1.515	1.146E-11	53.846	10.769	4.115E-09
733	7.969	1.594	1.334E-11	13.534	2.707	6.534E-11	54.514	10.903	4.270E-09	58.324	11.665	5.229E-09	10.214	2.043	2.809E-11	6.675	1.335	7.837E-12	18.988	3.798	1.804E-10
734	5.379	1.076	4.102E-12	11.306	2.261	3.809E-11	9.025	1.805	1.937E-11	-7.009	0.000	0.000E+00	8.000	1.600	1.349E-11	20.765	4.153	2.360E-10	-8.674	0.000	0.000E+00
735	48.156	9.631	2.943E-09	5.936	1.187	5.512E-12	47.904	9.581	2.897E-09	-14.532	0.000	0.000E+00	-13.536	0.000	0.000E+00	53.909	10.782	4.129E-09	-8.864	0.000	0.000E+00
736	-8.598	0.000	0.000E+00	47.323	9.465	2.793E-09	13.967	2.793	7.182E-11	32.715	6.543	9.228E-10	10.288	2.058	2.870E-11	46.818	9.364	2.705E-09	9.453	1.891	2.227E-11
737	-10.207	0.000	0.000E+00	6.202	1.240	6.288E-12	7.293	1.459	1.022E-11	60.925	12.185	5.960E-09	-9.356	0.000	0.000E+00	14.983	2.997	8.865E-11	15.289	3.058	9.419E-11
738	-12.191	0.000	0.000E+00	29.499	5.900	6.765E-10	-7.946	0.000	0.000E+00	42.957	8.591	2.089E-09	14.810	2.962	8.561E-11	-15.550	0.000	0.000E+00	-7.990	0.000	0.000E+00
739	10.745	2.149	3.270E-11	14.744	2.949	8.449E-11	7.180	1.436	9.756E-12	8.785	1.757	1.787E-11	10.826	2.165	3.344E-11	13.459	2.692	6.426E-11	8.524	1.705	1.633E-11
740	11.077	2.215	3.583E-11	-5.992	0.000	0.000E+00	-7.654	0.000	0.000E+00	20.867	4.173	2.395E-10	22.253	4.451	2.904E-10	31.896	6.379	8.553E-10	9.810	1.962	2.488E-11
741	8.730	1.746	1.753E-11	12.867	2.573	5.615E-11	13.510	2.702	6.499E-11	17.317	3.463	1.369E-10	10.029	2.006	2.659E-11	15.396	3.079	9.619E-11	40.904	8.181	1.804E-09
742	-7.826	0.000	0.000E+00	38.129	7.626	1.461E-09	11.278	2.256	3.781E-11	16.646	3.329	1.216E-10	16.169	3.234	1.114E-10	-13.196	0.000	0.000E+00	21.221	4.244	2.519E-10
743	8.152	1.630	1.428E-11	-6.687	0.000	0.000E+00	-5.818	0.000	0.000E+00	50.992	10.198	3.495E-09	4.422	0.884	2.279E-12	26.052	5.210	4.660E-10	-9.649	0.000	0.000E+00
744	9.852	1.970	2.520E-11	20.233	4.047	2.183E-10	23.401	4.680	3.377E-10	51.871	10.374	3.679E-09	15.209	3.042	9.272E-11	10.817	2.163	3.336E-11	39.210	7.842	1.589E-09
745	-4.882	0.000	0.000E+00	-34.815	0.000	0.000E+00	37.421	7.484	1.381E-09	9.379	1.876	2.174E-11	-9.038	0.000	0.000E+00	7.032	1.406	9.166E-12	12.661	2.532	3.349E-11
746	18.594	3.719	1.694E-10	9.611	1.922	2.340E-11	5.669	1.134	4.801E-12	7.461	1.492	1.095E-11	44.852	8.970	2.378E-09	7.798	1.560	1.250E-11	-11.142	0.000	0.000E+00
747	14.334	2.867	7.763E-11	9.809	1.962	2.488E-11	30.173	6.035	7.240E-10	9.555	1.911	2.299E-11	37.468	7.494	1.386E-09	8.851	1.770	1.828E-11	10.784	2.157	3.305E-11
748	-7.098	0.000	0.000E+00	4.773	0.955	2.865E-12	12.485	2.497	5.130E-11	27.956	5.591	5.759E-10	-17.809	0.000	0.000E+00	26.283	5.257	4.785E-10	15.850	3.170	1.049E-10
749	12.930	2.586	5.697E-11	-9.172	0.000	0.000E+00	7.505	1.501	1.114E-11	52.291	10.458	3.769E-09	8.773	1.755	1.780E-11	-9.907	0.000	0.000E+00	6.120	1.224	6.042E-12
750	16.612	3.322	1.208E-10	10.422	2.084	2.984E-11	12.542	2.508	5.200E-11	96.085	19.217	2.338E-08	19.375	3.875	1.917E-10	62.722	12.544	6.504E-09	13.377	2.675	6.309E-11
751	41.354	8.271	1.864E-09	11.826	2.365	4.359E-11	8.601	1.720	1.677E-11	50.944	10.189	3.485E-09	19.740	3.948	2.027E-10	10.703	2.141	3.231E-11	-36.628	0.000	0.000E+00
752	-9.623	0.000	0.000E+00	-12.709	0.000	0.000E+00	9.643	1.929	2.363E-11	85.889	17.178	1.670E-08	33.214	6.643	9.657E-10	37.345	7.469	1.373E-09	-8.765	0.000	0.000E+00
753	19.311	3.862	1.898E-10	54.392	10.878	4.241E-09	-8.126	0.000	0.000E+00	-8.589	0.000	0.000E+00	22.790	4.558	3.120E-10	-10.721	0.000	0.000E+00	8.003	1.601	1.351E-11
754	-7.562	0.000	0.000E+00	13.787	2.757	6.907E-11	12.800	2.560	5.527E-11	9.176	1.835	2.036E-11	12.390	2.478	5.013E-11	16.940	3.388	1.281E-10	11.085	2.217	3.590E-11
755	11.458	2.292	3.965E-11	-8.005	0.000	0.000E+00	-5.701	0.000	0.000E+00	-11.764	0.000	0.000E+00	53.273	10.655	3.985E-09	43.997	8.799	2.245E-09	8.056	1.611	1.378E-11

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
756	53.597	10.719	4.058E-09	-5.276	0.000	0.000E+00	-8.230	0.000	0.000E+00	18.706	3.741	1.725E-10	-8.488	0.000	0.000E+00	67.623	13.525	8.150E-09	43.135	8.627	2.115E-09
757	49.877	9.975	3.270E-09	32.990	6.598	9.463E-10	5.708	1.142	4.903E-12	-9.584	0.000	0.000E+00	24.958	4.992	4.097E-10	-10.258	0.000	0.000E+00	7.232	1.446	9.971E-12
758	-6.474	0.000	0.000E+00	-7.880	0.000	0.000E+00	-9.112	0.000	0.000E+00	19.586	3.917	1.980E-10	12.221	2.444	4.811E-11	11.118	2.224	3.623E-11	55.671	11.134	4.548E-09
759	13.694	2.739	6.768E-11	10.750	2.150	3.274E-11	5.127	1.025	3.553E-12	10.213	2.043	2.808E-11	6.598	1.320	7.571E-12	-5.410	0.000	0.000E+00	-4.624	0.000	0.000E+00
760	10.611	2.122	3.148E-11	15.915	3.183	1.063E-10	57.761	11.552	5.079E-09	34.191	6.838	1.053E-09	53.895	10.779	4.126E-09	26.673	5.335	5.001E-10	-9.336	0.000	0.000E+00
761	52.486	10.497	3.811E-09	27.670	5.534	5.584E-10	33.614	6.723	1.001E-09	13.571	2.714	6.587E-11	15.863	3.173	1.052E-10	11.396	2.279	3.900E-11	30.116	6.023	7.199E-10
762	38.481	7.696	1.502E-09	39.387	7.877	1.610E-09	-5.929	0.000	0.000E+00	-6.232	0.000	0.000E+00	8.929	1.786	1.877E-11	19.751	3.950	2.031E-10	-41.415	0.000	0.000E+00
763	-12.189	0.000	0.000E+00	29.247	5.849	6.594E-10	-4.988	0.000	0.000E+00	69.274	13.855	8.762E-09	57.682	11.536	5.058E-09	55.161	11.032	4.424E-09	12.969	2.594	5.749E-11
764	9.045	1.809	1.950E-11	-12.915	0.000	0.000E+00	47.508	9.502	2.826E-09	13.349	2.670	6.270E-11	8.474	1.695	1.604E-11	49.388	9.878	3.175E-09	16.030	3.206	1.086E-10
765	-13.066	0.000	0.000E+00	-16.755	0.000	0.000E+00	-9.006	0.000	0.000E+00	43.478	8.696	2.166E-09	38.655	7.731	1.522E-09	29.145	5.829	6.525E-10	10.276	2.055	2.860E-11
766	10.759	2.152	3.283E-11	-10.378	0.000	0.000E+00	11.850	2.370	4.386E-11	39.275	7.855	1.597E-09	18.781	3.756	1.746E-10	9.958	1.992	2.603E-11	14.126	2.825	7.429E-11
767	5.867	1.173	5.322E-12	49.725	9.945	3.241E-09	49.887	9.977	3.272E-09	-11.262	0.000	0.000E+00	28.582	5.716	6.154E-10	8.735	1.747	1.757E-11	37.411	7.482	1.380E-09
768	15.014	3.003	8.920E-11	9.806	1.961	2.485E-11	-22.117	0.000	0.000E+00	11.041	2.208	3.548E-11	15.004	3.001	8.902E-11	65.379	13.076	7.365E-09	11.773	2.355	4.300E-11
769	33.225	6.645	9.667E-10	-6.367	0.000	0.000E+00	11.050	2.210	3.556E-11	-8.152	0.000	0.000E+00	9.655	1.931	2.372E-11	60.716	12.143	5.899E-09	54.588	10.918	4.287E-09
770	10.087	2.017	2.705E-11	29.046	5.809	6.459E-10	9.566	1.913	2.307E-11	14.673	2.935	8.326E-11	32.000	6.400	8.636E-10	20.481	4.096	2.264E-10	9.020	1.804	1.934E-11
771	26.130	5.226	4.702E-10	17.004	3.401	1.296E-10	-13.245	0.000	0.000E+00	45.224	9.045	2.438E-09	19.207	3.841	1.868E-10	30.423	6.085	7.422E-10	7.859	1.572	1.279E-11
772	-11.099	0.000	0.000E+00	12.252	2.450	4.848E-11	9.647	1.929	2.366E-11	16.110	3.222	1.102E-10	-11.366	0.000	0.000E+00	58.832	11.766	5.367E-09	-9.727	0.000	0.000E+00
773	50.180	10.036	3.330E-09	-9.131	0.000	0.000E+00	-7.543	0.000	0.000E+00	31.317	6.263	8.095E-10	17.398	3.480	1.388E-10	-44.386	0.000	0.000E+00	29.040	5.808	6.455E-10
774	23.395	4.679	3.375E-10	14.948	2.990	8.802E-11	12.805	2.561	5.534E-11	8.182	1.636	1.444E-11	9.120	1.824	2.000E-11	31.068	6.214	7.903E-10	29.609	5.922	6.841E-10
775	-8.638	0.000	0.000E+00	-7.814	0.000	0.000E+00	10.306	2.061	2.885E-11	-9.092	0.000	0.000E+00	32.644	6.529	9.168E-10	13.130	2.626	5.966E-11	8.180	1.636	1.443E-11
776	44.171	8.834	2.271E-09	10.607	2.121	3.145E-11	15.128	3.026	9.124E-11	18.793	3.759	1.749E-10	6.234	1.247	6.385E-12	-8.124	0.000	0.000E+00	45.321	9.064	2.454E-09
777	13.963	2.793	7.175E-11	54.520	10.904	4.271E-09	-9.986	0.000	0.000E+00	47.071	9.414	2.749E-09	60.162	12.032	5.739E-09	-9.000	0.000	0.000E+00	15.099	3.020	9.072E-11
778	53.859	10.772	4.118E-09	8.309	1.662	1.512E-11	19.599	3.920	1.984E-10	17.577	3.515	1.431E-10	7.085	1.417	9.373E-12	48.868	9.774	3.076E-09	43.631	8.726	2.189E-09
779	19.507	3.901	1.957E-10	-9.149	0.000	0.000E+00	-5.257	0.000	0.000E+00	10.410	2.082	2.973E-11	14.217	2.843	7.573E-11	41.777	8.355	1.922E-09	37.586	7.517	1.399E-09
780	53.245	10.649	3.979E-09	8.757	1.751	1.770E-11	13.482	2.696	6.459E-11	92.368	18.474	2.077E-08	76.457	15.291	1.178E-08	50.114	10.023	3.317E-09	10.422	2.084	2.983E-11
781	20.554	4.111	2.289E-10	31.413	6.283	8.170E-10	-16.587	0.000	0.000E+00	10.618	2.124	3.155E-11	20.834	4.167	2.384E-10	10.759	2.152	3.282E-11	10.857	2.171	3.373E-11
782	-8.037	0.000	0.000E+00	-4.954	0.000	0.000E+00	10.933	2.187	3.444E-11	13.269	2.654	6.158E-11	38.893	7.779	1.551E-09	-9.145	0.000	0.000E+00	-8.242	0.000	0.000E+00
783	19.202	3.840	1.866E-10	14.553	2.911	8.124E-11	38.753	7.751	1.534E-09	-11.025	0.000	0.000E+00	31.829	6.366	8.498E-10	9.184	1.837	2.042E-11	21.843	4.369	2.747E-10
784	12.148	2.430	4.725E-11	13.316	2.663	6.223E-11	-34.431	0.000	0.000E+00	33.257	6.651	9.695E-10	-18.076	0.000	0.000E+00	47.964	9.593	2.908E-09	-6.883	0.000	0.000E+00
785	53.486	10.697	4.033E-09	49.018	9.804	3.104E-09	-22.677	0.000	0.000E+00	93.377	18.675	2.146E-08	54.696	10.939	4.313E-09	10.848	2.170	3.365E-11	31.665	6.333	8.368E-10
786	41.226	8.245	1.847E-09	50.010	10.002	3.296E-09	50.832	10.166	3.462E-09	-18.970	0.000	0.000E+00	-11.111	0.000	0.000E+00	-8.943	0.000	0.000E+00	51.692	10.338	3.641E-09
787	-18.738	0.000	0.000E+00	-74.262	0.000	0.000E+00	31.281	6.256	8.067E-10	101.652	20.330	2.768E-08	-10.498	0.000	0.000E+00	68.321	13.664	8.405E-09	-9.673	0.000	0.000E+00
788	6.194	1.239	6.263E-12	17.723	3.545	1.467E-10	18.300	3.660	1.615E-10	-6.774	0.000	0.000E+00	9.107	1.821	1.991E-11	17.961	3.592	1.527E-10	-12.388	0.000	0.000E+00
789	9.603	1.921	2.334E-11	19.430	3.886	1.933E-10	42.857	8.571	2.075E-09	-7.804	0.000	0.000E+00	13.673	2.735	6.738E-11	39.305	7.861	1.600E-09	49.802	9.960	3.256E-09
790	52.540	10.508	3.823E-09	20.268	4.054	2.194E-10	-6.908	0.000	0.000E+00	-11.227	0.000	0.000E+00	14.054	2.811	7.316E-11	41.629	8.326	1.901E-09	41.549	8.310	1.890E-09
791	-20.579	0.000	0.000E+00	13.458	2.692	6.424E-11	22.537	4.507	3.017E-10	15.611	3.122	1.003E-10	49.791	9.958	3.253E-09	15.567	3.113	9.943E-11	-7.620	0.000	0.000E+00
792	13.302	2.660	6.203E-11	23.279	4.656	3.325E-10	10.531	2.106	3.078E-11	135.380	27.076	6.540E-08	9.470	1.894	2.238E-11	55.720	11.144	4.559E-09	10.790	2.158	3.311E-11
793	69.405	13.881	8.812E-09	-10.818	0.000	0.000E+00	41.267	8.253	1.852E-09	9.765	1.953	2.454E-11	17.287	3.457	1.362E-10	89.962	17.992	1.919E-08	12.382	2.476	5.003E-11
794	-7.537	0.000	0.000E+00	10.877	2.175	3.392E-11	88.636	17.727	1.835E-08	8.546	1.709	1.645E-11	18.664	3.733	1.713E-10	14.096	2.819	7.383E-11	8.796	1.759	1.793E-11
795	148.969	29.794	8.713E-08	20.615	4.123	2.309E-10	-50.493	0.000	0.000E+00	155.963	31.193	9.999E-08	-13.451	0.000	0.000E+00	39.695	7.939	1.648E-09	19.948	3.990	2.092E-10
796	34.225	6.845	1.057E-09	47.140	9.428	2.761E-09	55.927	11.185	4.611E-10	10.657	2.131	3.190E-11	13.558	2.712	6.568E-11	95.524	19.105	2.297E-08	10.432	2.086	2.992E-11
797	11.053	2.211	3.559E-11	10.565	2.113	3.108E-11	56.646	11.329	4.791E-09	9.125	1.825	2.002E-11	7.647	1.529	1.178E-11	11.716	2.343	4.238E-11	-7.134	0.000	0.000E+00
798	43.199	8.640	2.125E-09	-5.851	0.000	0.000E+00	60.986	12.197	5.978E-09	-7.033	0.000	0.000E+00	9.113	1.823	1.995E-11	9.649	1.930	2.368E-11	22.226	4.445	2.894E-10
799	46.436	9.287	2.639E-09	-10.567	0.000	0.000E+00	-7.564	0.000	0.000E+00	21.948	4.390	2.787E-10	51.282	10.256	3.555E-09	-9.420	0.000	0.000E+00	7.163	1.433	9.685E-12
800	9.987	1.997	2.625E-11	-12.136	0.000	0.000E+00	13.804	2.761	6.933E-11	14.082	2.816	7.360E-11	23.310	4.662	3.338E-10	9.792	1.958	2.474E-11	-11.718	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
801	-7.281	0.000	0.000E+00	12.438	2.488	5.071E-11	-10.233	0.000	0.000E+00	55.293	11.059	4.456E-09	26.556	5.311	4.936E-10	102.919	20.584	2.873E-08	15.245	3.049	9.339E-11
802	-7.991	0.000	0.000E+00	93.254	18.651	2.137E-08	-7.397	0.000	0.000E+00	10.764	2.153	3.287E-11	27.458	5.492	5.456E-10	-6.667	0.000	0.000E+00	7.978	1.596	1.338E-11
803	66.645	13.329	7.802E-09	46.242	9.248	2.606E-09	7.378	1.476	1.058E-11	39.319	7.864	1.602E-09	11.435	2.287	3.940E-11	-12.976	0.000	0.000E+00	8.083	1.617	1.392E-11
804	10.881	2.176	3.395E-11	22.425	4.485	2.972E-10	51.346	10.269	3.568E-09	48.184	9.637	2.948E-09	46.332	9.266	2.621E-09	5.707	1.141	4.898E-12	35.159	7.032	1.146E-09
805	40.743	8.149	1.783E-09	54.035	10.807	4.158E-09	52.836	10.567	3.888E-09	-9.120	0.000	0.000E+00	13.550	2.710	6.558E-11	19.334	3.867	1.905E-10	13.780	2.756	6.897E-11
806	13.566	2.713	6.581E-11	-13.008	0.000	0.000E+00	31.763	6.353	8.446E-10	9.356	1.871	2.158E-11	17.653	3.531	1.450E-10	39.232	7.846	1.591E-09	24.445	4.889	3.850E-10
807	63.951	12.790	6.893E-09	10.577	2.115	3.119E-11	63.044	12.609	6.604E-09	14.776	2.955	8.502E-11	-10.050	0.000	0.000E+00	-11.079	0.000	0.000E+00	-15.256	0.000	0.000E+00
808	17.518	3.504	1.417E-10	18.006	3.601	1.539E-10	52.618	10.524	3.840E-09	-10.705	0.000	0.000E+00	53.042	10.608	3.933E-09	50.265	10.053	3.347E-09	9.943	1.989	2.591E-11
809	48.352	9.670	2.979E-09	-9.824	0.000	0.000E+00	18.367	3.673	1.633E-10	14.072	2.814	7.345E-11	41.612	8.322	1.899E-09	54.265	10.853	4.212E-09	5.734	1.147	4.969E-12
810	14.061	2.812	7.328E-11	9.149	1.830	2.018E-11	29.800	5.960	6.975E-10	18.854	3.771	1.767E-10	47.069	9.414	2.748E-09	10.863	2.173	3.379E-11	7.540	1.508	1.130E-11
811	7.096	1.419	9.417E-12	-6.233	0.000	0.000E+00	44.696	8.939	2.353E-09	14.831	2.966	8.597E-11	9.765	1.953	2.454E-11	62.116	12.423	6.317E-09	-12.599	0.000	0.000E+00
812	17.439	3.488	1.398E-10	39.455	7.891	1.619E-09	19.466	3.893	1.944E-10	102.588	20.518	2.846E-08	32.131	6.426	8.743E-10	14.720	2.944	8.406E-11	-15.722	0.000	0.000E+00
813	-31.862	0.000	0.000E+00	10.203	2.041	2.799E-11	14.795	2.959	8.536E-11	-7.363	0.000	0.000E+00	14.831	2.966	8.598E-11	11.400	2.280	3.905E-11	16.018	3.204	1.083E-10
814	8.218	1.644	1.463E-11	14.434	2.887	7.927E-11	-6.507	0.000	0.000E+00	81.359	16.272	1.419E-08	14.672	2.934	8.325E-11	6.720	1.344	7.997E-12	57.615	11.523	5.041E-09
815	15.033	3.007	8.954E-11	15.312	3.062	9.462E-11	16.988	3.398	1.292E-10	-13.381	0.000	0.000E+00	39.541	7.908	1.629E-09	6.208	1.242	6.306E-12	-6.658	0.000	0.000E+00
816	17.110	3.422	1.320E-10	-6.642	0.000	0.000E+00	-7.567	0.000	0.000E+00	-6.815	0.000	0.000E+00	36.403	7.281	1.271E-09	28.474	5.695	6.085E-10	29.492	5.898	6.761E-10
817	47.066	9.413	2.748E-09	79.206	15.841	1.310E-08	6.889	1.378	8.617E-12	31.883	6.377	8.542E-10	260.252	52.050	4.646E-07	-41.193	0.000	0.000E+00	-9.197	0.000	0.000E+00
818	51.512	10.302	3.603E-09	13.878	2.776	7.044E-11	37.262	7.452	1.364E-09	15.806	3.161	1.041E-10	34.246	6.849	1.059E-09	67.571	13.514	8.131E-09	10.652	2.130	3.186E-11
819	5.014	1.003	3.322E-12	7.367	1.473	1.054E-11	39.586	7.917	1.635E-09	-9.802	0.000	0.000E+00	63.255	12.651	6.671E-09	13.732	2.746	6.825E-11	50.466	10.093	3.388E-09
820	10.890	2.178	3.404E-11	14.343	2.869	7.778E-11	71.555	14.311	9.656E-09	76.674	15.335	1.188E-08	36.501	7.300	1.282E-09	9.297	1.859	2.118E-11	8.829	1.766	1.814E-11
821	-10.411	0.000	0.000E+00	-9.506	0.000	0.000E+00	15.579	3.116	9.965E-11	18.925	3.785	1.787E-10	13.025	2.605	5.824E-11	-11.386	0.000	0.000E+00	13.280	2.656	6.173E-11
822	16.959	3.392	1.285E-10	9.978	1.996	2.619E-11	8.511	1.702	1.625E-11	31.837	6.367	8.505E-10	30.503	6.101	7.480E-10	16.390	3.278	1.161E-10	26.051	5.210	4.660E-10
823	-6.150	0.000	0.000E+00	9.498	1.900	2.258E-11	39.091	7.818	1.574E-09	-8.477	0.000	0.000E+00	-21.192	0.000	0.000E+00	8.900	1.780	1.858E-11	10.181	2.036	2.781E-11
824	9.455	1.891	2.228E-11	14.386	2.877	7.848E-11	22.983	4.597	3.200E-10	11.250	2.250	3.752E-11	15.039	3.008	8.966E-11	51.776	10.355	3.658E-09	59.015	11.803	5.417E-09
825	14.488	2.898	8.015E-11	7.228	1.446	9.954E-12	13.123	2.625	5.957E-11	10.734	2.147	3.260E-11	24.151	4.830	3.713E-10	34.765	6.953	1.107E-09	-8.200	0.000	0.000E+00
826	34.190	6.838	1.053E-09	11.472	2.294	3.979E-11	51.972	10.394	3.700E-09	21.770	4.354	2.719E-10	-8.427	0.000	0.000E+00	-3.459	0.000	0.000E+00	5.126	1.025	3.549E-12
827	-36.383	0.000	0.000E+00	9.003	1.801	1.923E-11	-52.142	0.000	0.000E+00	23.298	4.660	3.333E-10	37.228	7.446	1.360E-09	-8.976	0.000	0.000E+00	46.303	9.261	2.616E-09
828	8.105	1.621	1.404E-11	51.479	10.296	3.596E-09	-58.595	0.000	0.000E+00	20.621	4.124	2.311E-10	7.080	1.416	9.354E-12	-6.064	0.000	0.000E+00	14.487	2.897	8.014E-11
829	6.945	1.389	8.829E-12	43.252	8.650	2.133E-09	46.717	9.343	2.687E-09	19.285	3.857	1.890E-10	26.517	5.303	4.914E-10	91.718	18.344	2.034E-08	6.260	1.252	6.465E-12
830	6.958	1.392	8.880E-12	10.483	2.097	3.036E-11	20.162	4.032	2.160E-10	-8.794	0.000	0.000E+00	31.116	6.223	7.940E-10	13.162	2.632	6.010E-11	-8.465	0.000	0.000E+00
831	-8.599	0.000	0.000E+00	6.359	1.272	6.777E-12	10.347	2.069	2.919E-11	47.503	9.501	2.825E-09	103.068	20.614	2.886E-08	-8.055	0.000	0.000E+00	10.784	2.157	3.306E-11
832	31.385	6.277	8.148E-10	28.929	5.786	6.381E-10	14.727	2.945	8.419E-11	11.528	2.306	4.037E-11	-7.868	0.000	0.000E+00	59.315	11.863	5.500E-09	27.055	5.411	5.220E-10
833	11.588	2.318	4.101E-11	8.543	1.709	1.644E-11	134.819	26.964	6.459E-08	23.381	4.676	3.369E-10	8.987	1.797	1.913E-11	6.703	1.341	7.938E-12	12.415	2.483	5.044E-11
834	12.621	2.524	5.298E-11	46.082	9.216	2.579E-09	16.274	3.255	1.136E-10	19.474	3.895	1.946E-10	17.909	3.582	1.514E-10	-7.287	0.000	0.000E+00	13.532	2.706	6.531E-11
835	64.904	12.981	7.206E-09	57.691	11.538	5.061E-09	-16.385	0.000	0.000E+00	8.902	1.780	1.859E-11	26.610	5.322	4.966E-10	87.788	17.558	1.783E-08	8.839	1.768	1.820E-11
836	-16.616	0.000	0.000E+00	-10.722	0.000	0.000E+00	40.363	8.073	1.733E-09	85.660	17.132	1.657E-08	9.090	1.818	1.979E-11	39.414	7.883	1.614E-09	5.141	1.028	3.580E-12
837	6.252	1.250	6.440E-12	21.758	4.352	2.715E-10	31.232	6.246	8.030E-10	7.624	1.525	1.168E-11	52.221	10.444	3.753E-09	-5.515	0.000	0.000E+00	17.091	3.418	1.316E-10
838	15.643	3.129	1.009E-10	31.861	6.372	8.525E-10	-14.535	0.000	0.000E+00	104.139	20.828	2.977E-08	37.481	7.496	1.388E-09	24.003	4.801	3.645E-10	11.216	2.243	3.718E-11
839	36.068	7.214	1.237E-09	7.646	1.529	1.178E-11	-14.342	0.000	0.000E+00	5.747	1.149	5.004E-12	30.761	6.152	7.672E-10	-9.500	0.000	0.000E+00	42.158	8.432	1.975E-09
840	9.293	1.859	2.115E-11	7.232	1.446	9.970E-12	56.334	11.267	4.712E-09	31.108	6.222	7.935E-10	62.741	12.548	6.509E-09	6.554	1.311	7.420E-12	59.912	11.982	5.668E-09
841	49.737	9.947	3.243E-09	-12.736	0.000	0.000E+00	7.577	1.515	1.146E-11	-3.740	0.000	0.000E+00	8.014	1.603	1.356E-11	7.144	1.429	9.610E-12	15.278	3.056	9.399E-11
842	-36.946	0.000	0.000E+00	18.843	3.769	1.763E-10	42.251	8.450	1.988E-09	12.365	2.473	4.983E-11	15.136	3.027	9.393E-11	11.297	2.259	3.800E-11	9.970	1.994	2.612E-11
843	9.354	1.871	2.157E-11	13.357	2.671	6.280E-11	10.316	2.063	2.894E-11	49.948	9.990	3.284E-09	-19.051	0.000	0.000E+00	28.639	5.728	6.191E-10	12.505	2.501	5.153E-11
844	11.670	2.334	4.189E-11	9.889	1.978	2.549E-11	6.957	1.391	8.875E-12	-45.201	0.000	0.000E+00	14.236	2.847	7.603E-11	-29.534	0.000	0.000E+00	9.549	1.910	2.295E-11
845	16.299	3.260	1.141E-10	39.967	7.993	1.683E-09	96.655	19.331	2.380E-08	31.768	6.354	8.450E-10	11.140	2.228	3.644E-11	34.179	6.836	1.052E-09	57.839	11.568	5.100E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
846	56.081	11.216	4.649E-09	7.238	1.448	9.993E-12	14.079	2.816	7.355E-11	49.152	9.830	3.130E-09	57.221	11.444	4.938E-09	57.159	11.432	4.922E-09	9.546	1.909	2.293E-11
847	9.988	1.998	2.626E-11	10.579	2.116	3.121E-11	9.436	1.887	2.214E-11	41.232	8.246	1.848E-09	21.676	4.335	2.684E-10	15.963	3.193	1.072E-10	12.506	2.501	5.155E-11
848	28.950	5.790	6.395E-10	-9.035	0.000	0.000E+00	8.446	1.689	1.588E-11	-38.281	0.000	0.000E+00	14.321	2.864	7.742E-11	13.831	2.766	6.973E-11	13.035	2.607	5.838E-11
849	6.582	1.316	7.515E-12	12.788	2.558	5.512E-11	4.919	0.984	3.137E-12	-20.674	0.000	0.000E+00	8.116	1.623	1.409E-11	44.941	8.988	2.392E-09	56.934	11.387	4.864E-09
850	8.823	1.765	1.810E-11	13.425	2.685	6.377E-11	-7.225	0.000	0.000E+00	18.665	3.733	1.714E-10	46.615	9.323	2.670E-09	12.803	2.561	5.531E-11	8.426	1.685	1.577E-11
851	11.747	2.349	4.272E-11	60.759	12.152	5.912E-09	-14.228	0.000	0.000E+00	18.224	3.645	1.595E-10	9.749	1.950	2.442E-11	-5.342	0.000	0.000E+00	11.857	2.371	4.394E-11
852	-7.865	0.000	0.000E+00	6.826	1.365	8.381E-12	54.880	10.976	4.356E-09	7.781	1.556	1.241E-11	41.132	8.226	1.834E-09	22.008	4.402	2.809E-10	-9.510	0.000	0.000E+00
853	26.908	5.382	5.135E-10	40.455	8.091	1.745E-09	11.803	2.361	4.333E-11	18.350	3.670	1.629E-10	18.092	3.618	1.561E-10	50.852	10.170	3.466E-09	-10.461	0.000	0.000E+00
854	-27.309	0.000	0.000E+00	8.527	1.705	1.634E-11	11.171	2.234	3.674E-11	5.400	1.080	4.150E-12	41.306	8.261	1.858E-09	7.067	1.413	9.303E-12	14.517	2.903	8.064E-11
855	-11.642	0.000	0.000E+00	8.362	1.672	1.541E-11	39.681	7.936	1.647E-09	42.944	8.589	2.087E-09	44.062	8.812	2.255E-09	58.040	11.608	5.153E-09	34.370	6.874	1.070E-09
856	13.289	2.658	6.185E-11	-8.746	0.000	0.000E+00	-7.370	0.000	0.000E+00	48.282	9.656	2.967E-09	-7.194	0.000	0.000E+00	33.954	6.791	1.032E-09	56.727	11.345	4.811E-09
857	9.775	1.955	2.462E-11	15.386	3.077	9.599E-11	59.378	11.876	5.518E-09	49.075	9.815	3.115E-09	-7.547	0.000	0.000E+00	12.977	2.595	5.761E-11	-9.457	0.000	0.000E+00
858	63.019	12.604	6.596E-09	48.896	9.779	3.081E-09	-9.755	0.000	0.000E+00	-6.829	0.000	0.000E+00	19.197	3.839	1.865E-10	25.219	5.044	4.227E-10	63.884	12.777	6.872E-09
859	45.697	9.139	2.515E-09	10.786	2.157	3.308E-11	-6.133	0.000	0.000E+00	29.366	5.873	6.674E-10	4.654	0.931	2.657E-12	-6.154	0.000	0.000E+00	20.330	4.066	2.215E-10
860	88.285	17.657	1.814E-08	11.146	2.229	3.649E-11	11.104	2.221	3.608E-11	17.163	3.433	1.332E-10	21.697	4.339	2.692E-10	38.650	7.730	1.522E-09	15.946	3.189	1.069E-10
861	-10.397	0.000	0.000E+00	11.517	2.303	4.027E-11	15.550	3.110	9.910E-11	-4.935	0.000	0.000E+00	27.802	5.560	5.664E-10	52.618	10.524	3.840E-09	32.958	6.592	9.435E-10
862	44.689	8.938	2.352E-09	10.237	2.047	2.827E-11	7.102	1.420	9.442E-12	45.839	9.168	2.539E-09	40.523	8.105	1.754E-09	19.690	3.938	2.012E-10	31.941	6.388	8.589E-10
863	-7.702	0.000	0.000E+00	13.438	2.688	6.396E-11	-19.420	0.000	0.000E+00	39.013	7.803	1.565E-09	30.371	6.074	7.383E-10	21.634	4.327	2.669E-10	17.849	3.570	1.499E-10
864	-8.693	0.000	0.000E+00	9.443	1.889	2.220E-11	12.944	2.589	5.716E-11	-7.358	0.000	0.000E+00	12.757	2.551	5.472E-11	45.925	9.185	2.553E-09	12.230	2.446	4.821E-11
865	36.153	7.231	1.245E-09	13.777	2.755	6.892E-11	56.875	11.375	4.849E-09	16.147	3.229	1.110E-10	45.662	9.132	2.509E-09	7.603	1.521	1.158E-11	21.511	4.302	2.623E-10
866	13.459	2.692	6.426E-11	-8.650	0.000	0.000E+00	9.290	1.858	2.113E-11	9.553	1.911	2.298E-11	26.492	5.298	4.901E-10	-8.030	0.000	0.000E+00	7.719	1.544	1.212E-11
867	56.454	11.291	4.742E-09	11.528	2.306	4.038E-11	11.455	2.291	3.962E-11	17.074	3.415	1.312E-10	7.460	1.492	1.094E-11	-7.176	0.000	0.000E+00	24.436	4.887	3.846E-10
868	10.239	2.048	2.829E-11	7.332	1.466	1.039E-11	50.043	10.009	3.303E-09	15.940	3.188	1.067E-10	25.346	5.069	4.292E-10	11.651	2.330	4.168E-11	48.338	9.668	2.977E-09
869	90.904	18.181	1.980E-08	11.771	2.354	4.299E-11	14.820	2.964	8.579E-11	-5.845	0.000	0.000E+00	41.342	8.268	1.862E-09	47.007	9.401	2.738E-09	51.966	10.393	3.699E-09
870	34.945	6.989	1.125E-09	-17.930	0.000	0.000E+00	-8.927	0.000	0.000E+00	50.114	10.023	3.317E-09	31.862	6.372	8.526E-10	44.175	8.835	2.272E-09	40.863	8.173	1.798E-09
871	51.081	10.216	3.513E-09	17.291	3.458	1.363E-10	48.930	9.786	3.088E-09	7.583	1.517	1.149E-11	31.968	6.394	8.610E-10	52.440	10.488	3.801E-09	16.847	3.369	1.260E-10
872	-8.990	0.000	0.000E+00	57.446	11.489	4.996E-09	30.503	6.101	7.480E-10	90.772	18.154	1.971E-08	17.600	3.520	1.437E-10	33.359	6.672	9.784E-10	27.487	5.497	5.474E-10
873	27.081	5.416	5.234E-10	8.927	1.785	1.875E-11	8.797	1.759	1.794E-11	6.436	1.287	7.026E-12	26.891	5.378	5.125E-10	26.348	5.270	4.821E-10	8.585	1.717	1.668E-11
874	25.461	5.092	4.350E-10	14.706	2.941	8.383E-11	55.711	11.142	4.557E-09	10.359	2.072	2.930E-11	23.715	4.743	3.515E-10	28.952	5.790	6.396E-10	36.482	7.296	1.280E-09
875	10.836	2.167	3.353E-11	51.008	10.202	3.498E-09	-6.741	0.000	0.000E+00	-23.842	0.000	0.000E+00	-22.464	0.000	0.000E+00	18.595	3.719	1.695E-10	11.669	2.334	4.187E-11
876	33.869	6.774	1.024E-09	9.134	1.827	2.009E-11	7.859	1.572	1.279E-11	21.401	4.280	2.584E-10	13.858	2.772	7.014E-11	26.652	5.330	4.990E-10	22.481	4.496	2.995E-10
877	59.985	11.997	5.689E-09	-8.896	0.000	0.000E+00	37.069	7.414	1.343E-09	-13.243	0.000	0.000E+00	29.026	5.805	6.445E-10	-6.545	0.000	0.000E+00	30.568	6.114	7.528E-10
878	42.645	8.529	2.044E-09	7.671	1.534	1.190E-11	10.702	2.140	3.231E-11	8.700	1.740	1.736E-11	14.706	2.941	8.382E-11	-9.505	0.000	0.000E+00	-8.722	0.000	0.000E+00
879	47.833	9.567	2.884E-09	50.553	10.111	3.405E-09	40.259	8.052	1.720E-09	14.783	2.957	8.515E-11	38.772	7.754	1.536E-09	15.609	3.122	1.002E-10	-22.488	0.000	0.000E+00
880	9.343	1.869	2.150E-11	39.283	7.857	1.598E-09	9.593	1.919	2.327E-11	12.661	2.532	3.505E-11	10.617	2.123	3.155E-11	21.472	4.294	2.609E-10	5.406	1.081	4.163E-12
881	37.244	7.449	1.362E-09	10.689	2.138	3.219E-11	32.283	6.457	8.867E-10	9.579	1.916	2.316E-11	54.820	10.964	4.342E-09	55.987	11.197	4.626E-09	45.255	9.051	2.443E-09
882	11.142	2.228	3.645E-11	46.910	9.382	2.721E-09	12.242	2.448	4.836E-11	20.690	4.138	2.334E-10	7.246	1.449	1.003E-11	66.934	13.387	7.904E-09	-50.236	0.000	0.000E+00
883	33.052	6.610	9.517E-10	37.528	7.506	1.393E-09	-7.137	0.000	0.000E+00	19.270	3.854	1.886E-10	27.524	5.505	5.495E-10	-40.527	0.000	0.000E+00	20.233	4.047	2.183E-10
884	-10.679	0.000	0.000E+00	32.639	6.528	9.165E-10	14.497	2.899	8.030E-11	13.499	2.700	6.483E-11	20.635	4.127	2.316E-10	63.944	12.789	6.891E-09	92.648	18.530	2.096E-08
885	6.930	1.386	8.770E-12	-45.205	0.000	0.000E+00	58.549	11.710	5.290E-09	12.211	2.442	4.798E-11	-20.437	0.000	0.000E+00	12.795	2.559	5.521E-11	16.681	3.336	1.223E-10
886	51.890	10.378	3.682E-09	62.206	12.441	6.344E-09	6.571	1.314	7.477E-12	41.820	8.364	1.928E-09	-12.763	0.000	0.000E+00	21.057	4.211	2.461E-10	6.762	1.352	8.151E-12
887	18.702	3.740	1.724E-10	12.233	2.447	4.825E-11	28.694	5.739	6.227E-10	-35.956	0.000	0.000E+00	7.332	1.466	1.039E-11	15.695	3.139	1.019E-10	12.967	2.593	5.747E-11
888	10.213	2.043	2.807E-11	-10.903	0.000	0.000E+00	16.360	3.272	1.154E-10	10.062	2.012	2.685E-11	10.297	2.059	2.878E-11	-9.496	0.000	0.000E+00	40.278	8.056	1.722E-09
889	13.698	2.740	6.774E-11	42.728	8.546	2.056E-09	36.048	7.210	1.235E-09	52.438	10.488	3.800E-09	13.891	2.778	7.065E-11	15.571	3.114	9.950E-11	-15.755	0.000	0.000E+00
890	15.456	3.091	9.732E-11	45.625	9.125	2.503E-09	15.769	3.154	1.033E-10	36.850	7.370	1.319E-09	31.547	6.309	8.275E-10	39.590	7.918	1.635E-09	-5.348	0.000	0.000E+00

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
891	13.578	2.716	6.598E-11	-11.424	0.000	0.000E+00	9.244	1.849	2.082E-11	16.870	3.374	1.266E-10	41.074	8.215	1.826E-09	12.694	2.539	5.391E-11	28.654	5.731	6.201E-10
892	76.652	15.330	1.187E-08	6.947	1.389	8.835E-12	31.400	6.280	8.160E-10	42.593	8.519	2.037E-09	25.373	5.075	4.306E-10	19.503	3.901	1.955E-10	24.266	4.853	3.766E-10
893	39.068	7.814	1.572E-09	-11.510	0.000	0.000E+00	-8.022	0.000	0.000E+00	99.045	19.809	2.561E-08	8.322	1.664	1.519E-11	-30.562	0.000	0.000E+00	10.844	2.169	3.361E-11
894	15.447	3.089	9.715E-11	13.072	2.614	5.888E-11	5.348	1.070	4.030E-12	-7.969	0.000	0.000E+00	38.135	7.627	1.462E-09	7.169	1.434	9.712E-12	45.336	9.067	2.456E-09
895	21.428	4.286	2.593E-10	-11.395	0.000	0.000E+00	10.844	2.169	3.361E-11	120.165	24.033	4.573E-08	33.583	6.717	9.983E-10	27.526	5.505	5.497E-10	-43.340	0.000	0.000E+00
896	72.882	14.576	1.020E-08	-9.322	0.000	0.000E+00	-8.772	0.000	0.000E+00	33.095	6.619	9.554E-10	50.192	10.038	3.333E-09	14.903	2.981	8.723E-11	45.256	9.051	2.443E-09
897	34.930	6.986	1.123E-09	14.581	2.916	8.171E-11	16.198	3.240	1.120E-10	8.083	1.617	1.392E-11	33.327	6.665	9.756E-10	45.590	9.118	2.497E-09	17.470	3.494	1.405E-10
898	15.493	3.099	9.801E-11	9.895	1.979	2.554E-11	97.650	19.530	2.454E-08	25.329	5.066	4.283E-10	29.051	5.810	6.462E-10	30.177	6.035	7.243E-10	34.925	6.985	1.123E-09
899	13.073	2.615	5.888E-11	13.574	2.715	6.593E-11	10.336	2.067	2.911E-11	21.226	4.245	2.520E-10	15.031	3.006	8.950E-11	-17.415	0.000	0.000E+00	11.186	2.237	3.689E-11
900	31.618	6.324	8.331E-10	43.013	8.603	2.097E-09	38.948	7.790	1.557E-09	11.551	2.310	4.062E-11	60.492	12.098	5.834E-09	-8.401	0.000	0.000E+00	-30.316	0.000	0.000E+00
901	51.254	10.251	3.549E-09	40.456	8.091	1.745E-09	5.171	1.034	3.644E-12	33.665	6.733	1.006E-09	17.896	3.579	1.511E-10	18.199	3.640	1.589E-10	-8.022	0.000	0.000E+00
902	5.384	1.077	4.114E-12	48.222	9.644	2.956E-09	38.880	7.776	1.549E-09	46.820	9.364	2.705E-09	87.138	17.428	1.744E-08	-4.361	0.000	0.000E+00	26.074	5.215	4.672E-10
903	83.403	16.681	1.529E-08	-9.528	0.000	0.000E+00	20.126	4.025	2.148E-10	12.125	2.425	4.698E-11	13.483	2.697	6.460E-11	42.390	8.478	2.008E-09	121.043	24.209	4.674E-08
904	45.018	9.004	2.405E-09	31.820	6.364	8.492E-10	-9.976	0.000	0.000E+00	21.576	4.315	2.647E-10	80.101	16.020	1.355E-08	25.636	5.127	4.440E-10	4.710	0.942	2.753E-12
905	45.478	9.096	2.479E-09	18.192	3.638	1.587E-10	22.288	4.458	2.918E-10	20.785	4.157	2.367E-10	26.616	5.323	4.969E-10	24.569	4.914	3.909E-10	19.151	3.830	1.851E-10
906	9.923	1.985	2.575E-11	25.052	5.010	4.144E-10	13.308	2.662	6.213E-11	8.219	1.644	1.464E-11	15.860	3.172	1.051E-10	-35.031	0.000	0.000E+00	44.679	8.936	2.351E-09
907	13.827	2.765	6.967E-11	105.493	21.099	3.094E-08	10.001	2.000	2.636E-11	24.200	4.840	3.735E-10	28.974	5.795	6.411E-10	29.356	5.871	6.668E-10	42.911	8.582	2.083E-09
908	18.917	3.783	1.784E-10	42.978	8.596	2.092E-09	14.690	2.938	8.356E-11	29.046	5.809	6.459E-10	37.505	7.501	1.390E-09	25.586	5.117	4.415E-10	94.557	18.911	2.228E-08
909	89.234	17.847	1.873E-08	33.026	6.605	9.494E-10	35.120	7.024	1.142E-09	16.268	3.254	1.135E-10	45.117	9.023	2.421E-09	20.822	4.164	2.379E-10	45.127	9.025	2.422E-09
910	-15.920	0.000	0.000E+00	23.103	4.621	3.250E-10	71.828	14.366	9.767E-09	29.409	5.882	6.704E-10	9.483	1.897	2.248E-11	39.275	7.855	1.597E-09	10.304	2.061	2.883E-11
911	14.648	2.930	8.284E-11	10.000	2.000	2.636E-11	-6.726	0.000	0.000E+00	7.365	1.473	1.053E-11	47.040	9.408	2.744E-09	58.408	11.682	5.252E-09	12.718	2.544	5.422E-11
912	35.004	7.001	1.130E-09	54.258	10.852	4.210E-09	15.497	3.099	9.809E-11	-12.646	0.000	0.000E+00	28.319	5.664	5.986E-10	19.611	3.922	1.988E-10	50.197	10.039	3.334E-09
913	17.106	3.421	1.319E-10	84.402	16.880	1.585E-08	12.002	2.400	4.557E-11	8.343	1.669	1.530E-11	-13.119	0.000	0.000E+00	30.143	6.029	7.218E-10	186.695	37.339	1.715E-07
914	-3.969	0.000	0.000E+00	98.080	19.616	2.487E-08	11.860	2.372	4.397E-11	50.161	10.032	3.327E-09				44.463	8.893	2.317E-09	29.120	5.824	6.508E-10
915	19.239	3.848	1.877E-10	-61.801	0.000	0.000E+00	29.650	5.930	6.870E-10	29.463	5.893	6.741E-10				20.053	4.011	2.125E-10	36.319	7.264	1.263E-09
916	11.084	2.217	3.589E-11	62.739	12.548	6.509E-09	-7.105	0.000	0.000E+00	9.799	1.960	2.480E-11				40.946	8.189	1.809E-09	23.146	4.629	3.268E-10
917	59.969	11.994	5.684E-09	8.483	1.697	1.609E-11	14.763	2.953	8.481E-11	37.749	7.550	1.418E-09				28.357	5.671	6.010E-10	37.218	7.444	1.359E-09
918	27.205	5.441	5.307E-10	41.950	8.390	1.946E-09	30.660	6.132	7.596E-10	17.756	3.551	1.475E-10				3.187	0.637	8.532E-13	-40.313	0.000	0.000E+00
919	14.846	2.969	8.623E-11	10.031	2.006	2.660E-11	15.861	3.172	1.052E-10	20.156	4.031	2.158E-10				21.986	4.397	2.801E-10	14.355	2.871	7.797E-11
920	60.853	12.171	5.939E-09	10.580	2.116	3.121E-11	22.903	4.581	3.166E-10	-10.772	0.000	0.000E+00				12.800	2.560	5.527E-11	15.707	3.141	1.021E-10
921	-12.482	0.000	0.000E+00	-10.157	0.000	0.000E+00	-8.421	0.000	0.000E+00	4.510	0.902	2.418E-12				29.048	5.810	6.460E-10	36.480	7.296	1.280E-09
922	34.396	6.879	1.073E-09	13.252	2.650	6.133E-11	42.120	8.424	1.969E-09	38.681	7.736	1.525E-09				30.382	6.076	7.392E-10	32.036	6.407	8.666E-10
923	6.688	1.338	7.885E-12	17.307	3.461	1.366E-10	29.873	5.975	7.026E-10	-8.645	0.000	0.000E+00				28.425	5.685	6.053E-10	6.850	1.370	8.471E-12
924	10.956	2.191	3.466E-11	9.044	1.809	1.950E-11	29.433	5.887	6.720E-10	30.512	6.102	7.487E-10				28.904	5.781	6.364E-10	38.248	7.650	1.475E-09
925	20.999	4.200	2.440E-10	-10.384	0.000	0.000E+00	33.069	6.614	9.531E-10	17.166	3.433	1.333E-10				-21.479	0.000	0.000E+00	10.595	2.119	3.134E-11
926	30.984	6.197	7.840E-10	9.726	1.945	2.425E-11	28.829	5.766	6.315E-10	16.126	3.225	1.105E-10				-29.046	0.000	0.000E+00	10.587	2.117	3.128E-11
927	22.396	4.479	2.961E-10	17.686	3.537	1.458E-11	13.739	2.748	6.835E-11	6.494	1.299	7.217E-12				93.282	18.656	2.139E-08	-6.368	0.000	0.000E+00
928	13.524	2.705	6.520E-11	9.490	1.898	2.252E-11	19.696	3.939	2.014E-10	13.103	2.621	5.990E-11				24.751	4.950	3.996E-10	55.976	11.195	4.623E-09
929	33.257	6.651	9.695E-10	-8.702	0.000	0.000E+00	22.052	4.410	2.827E-10	-21.881	0.000	0.000E+00				42.494	8.499	2.022E-09	94.256	18.851	2.207E-08
930	50.835	10.167	3.462E-09	8.101	1.620	1.401E-11	20.468	4.094	2.260E-10	17.273	3.455	1.358E-10				85.570	17.114	1.651E-08	48.272	9.654	2.965E-09
931	40.158	8.032	1.707E-09	28.430	5.686	6.056E-10	5.912	1.182	5.446E-12	47.767	9.553	2.873E-09				26.166	5.233	4.722E-10	53.002	10.600	3.924E-09
932	-54.407	0.000	0.000E+00	51.958	10.392	3.697E-09	-9.336	0.000	0.000E+00	42.774	8.555	2.063E-09				19.327	3.865	1.903E-10	29.500	5.900	6.766E-10
933	40.223	8.045	1.715E-09	32.107	6.421	8.723E-10	11.403	2.281	3.908E-11	32.805	6.561	9.305E-10				31.405	6.281	8.164E-10	22.651	4.530	3.063E-10
934	-42.929	0.000	0.000E+00	40.183	8.037	1.710E-09	-9.051	0.000	0.000E+00	48.030	9.606	2.920E-09				12.405	2.481	5.031E-11	46.971	9.394	2.731E-09
935	-25.225	0.000	0.000E+00	-8.261	0.000	0.000E+00	55.554	11.111	4.519E-09	41.657	8.331	1.905E-09				24.370	4.874	3.815E-10	83.812	16.762	1.552E-08

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage	Eqv.Strain	Eqv.Stress	Damage
	(micro)	(MPa)	(Cat. E)	(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)		(micro)	(MPa)	
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
936	-15.502	0.000	0.000E+00	7.041	1.408	9.198E-12	17.220	3.444	1.346E-10	26.763	5.353	5.052E-10				28.255	5.651	5.946E-10	36.132	7.226	1.243E-09
937	34.643	6.929	1.096E-09	12.274	2.455	4.874E-11	27.445	5.489	5.449E-10	45.296	9.059	2.449E-09				-24.324	0.000	0.000E+00	43.019	8.604	2.098E-09
938	-32.590	0.000	0.000E+00	82.179	16.436	1.463E-08	45.262	9.052	2.444E-09	-41.101	0.000	0.000E+00				25.642	5.128	4.444E-10	30.951	6.190	7.815E-10
939	29.437	5.887	6.723E-10	50.655	10.131	3.426E-09	41.991	8.398	1.951E-09	-4.201	0.000	0.000E+00				62.092	12.418	6.310E-09	32.058	6.412	8.684E-10
940	41.069	8.214	1.826E-09	17.786	3.557	1.483E-10	20.673	4.135	2.329E-10	47.891	9.578	2.895E-09				9.867	1.973	2.532E-11	50.909	10.182	3.477E-09
941	23.309	4.662	3.338E-10	-11.407	0.000	0.000E+00	39.089	7.818	1.574E-09	99.533	19.907	2.599E-08				36.047	7.209	1.235E-09	42.233	8.447	1.985E-09
942	28.851	5.770	6.330E-10	10.341	2.068	2.914E-11	10.303	2.061	2.883E-11	19.944	3.989	2.091E-10				32.867	6.573	9.358E-10	-41.058	0.000	0.000E+00
943	14.867	2.973	8.661E-11	19.130	3.826	1.845E-10	30.746	6.149	7.660E-10	45.333	9.067	2.456E-09				55.108	11.022	4.411E-09	61.607	12.321	6.163E-09
944	36.954	7.391	1.330E-09	134.527	26.905	6.417E-08	32.528	6.506	9.071E-10	33.052	6.610	9.516E-10				61.680	12.336	6.185E-09	12.129	2.426	4.702E-11
945	19.599	3.920	1.984E-10	41.518	8.304	1.886E-09	-19.621	0.000	0.000E+00	28.047	5.609	5.815E-10				19.566	3.913	1.974E-10	39.185	7.837	1.586E-09
946	10.966	2.193	3.476E-11	10.176	2.035	2.777E-11	32.486	6.497	9.036E-10	30.345	6.069	7.365E-10				4.900	0.980	3.101E-12	37.195	7.439	1.356E-09
947	6.008	1.202	5.715E-12	37.093	7.419	1.345E-09	32.678	6.536	9.197E-10	31.080	6.216	7.913E-10				-8.671	0.000	0.000E+00	-7.228	0.000	0.000E+00
948	107.743	21.549	3.297E-08	23.982	4.796	3.635E-10	126.879	25.376	5.383E-08	40.177	8.035	1.709E-09				83.807	16.761	1.551E-08	97.045	19.409	2.409E-08
949	12.982	2.596	5.766E-11	8.541	1.708	1.642E-11	72.088	14.418	9.874E-09	40.754	8.151	1.784E-09				14.988	2.998	8.875E-11	21.432	4.286	2.595E-10
950	30.905	6.181	7.780E-10	14.767	2.953	8.487E-11	19.180	3.836	1.860E-10	56.590	11.318	4.777E-09				29.799	5.960	6.974E-10	42.584	8.517	2.035E-09
951	29.186	5.837	6.552E-10	92.462	18.492	2.083E-08	19.400	3.880	1.924E-10	-59.337	0.000	0.000E+00				40.181	8.036	1.710E-09	29.227	5.845	6.580E-10
952	14.494	2.899	8.026E-11	62.935	12.587	6.570E-09	20.941	4.188	2.420E-10	20.291	4.058	2.202E-10				17.686	3.537	1.458E-10	44.496	8.899	2.322E-09
953	42.831	8.566	2.071E-09	146.933	29.387	8.361E-08	26.924	5.385	5.144E-10	21.774	4.355	2.721E-10				31.781	6.356	8.461E-10	87.025	17.405	1.737E-08
954	6.223	1.245	6.352E-12	6.579	1.316	7.507E-12	15.683	3.137	1.017E-10	28.942	5.788	6.390E-10				23.079	4.616	3.240E-10	16.755	3.351	1.240E-10
955	36.481	7.296	1.280E-09	41.449	8.290	1.877E-09	7.792	1.558	1.247E-11	25.815	5.163	4.534E-10				27.639	5.528	5.565E-10	53.311	10.662	3.993E-09
956	5.901	1.180	5.416E-12	8.865	1.773	1.836E-11	18.796	3.759	1.750E-10	31.749	6.350	8.435E-10				26.031	5.206	4.649E-10	35.762	7.152	1.205E-09
957	87.351	17.470	1.757E-08	12.185	2.437	4.768E-11	30.083	6.017	7.175E-10	-6.718	0.000	0.000E+00				24.304	4.861	3.784E-10	24.635	4.927	3.940E-10
958	-43.924	0.000	0.000E+00	17.156	3.431	1.331E-10	7.837	1.567	1.269E-11	34.284	6.857	1.062E-09				34.610	6.922	1.093E-09	34.256	6.851	1.059E-09
959	32.562	6.512	9.100E-10	22.148	4.430	2.863E-10	146.697	29.339	8.321E-08	-5.094	0.000	0.000E+00				-17.933	0.000	0.000E+00	-12.889	0.000	0.000E+00
960	33.991	6.798	1.035E-09	13.346	2.669	6.265E-11	24.541	4.908	3.896E-10	-10.947	0.000	0.000E+00				36.905	7.381	1.325E-09	53.467	10.693	4.028E-09
961	21.104	4.221	2.477E-10	11.843	2.369	4.378E-11	51.939	10.388	3.693E-09	42.806	8.561	2.067E-09				9.970	1.994	2.612E-11	26.599	5.320	4.960E-10
962	24.428	4.886	3.842E-10	-7.079	0.000	0.000E+00	-63.023	0.000	0.000E+00	15.610	3.122	1.003E-10				-8.385	0.000	0.000E+00	35.157	7.031	1.145E-09
963	25.719	5.144	4.484E-10	33.795	6.759	1.017E-09	43.506	8.701	2.170E-09	-20.804	0.000	0.000E+00				36.978	7.396	1.333E-09	-31.190	0.000	0.000E+00
964	31.459	6.292	8.206E-10	18.966	3.793	1.798E-10	31.638	6.328	8.347E-10	11.017	2.203	3.524E-11				54.505	10.901	4.268E-09	54.407	10.881	4.245E-09
965	25.321	5.064	4.279E-10	90.028	18.006	1.923E-08	53.219	10.644	3.973E-09	8.529	1.706	1.635E-11				24.302	4.860	3.783E-10	42.611	8.522	2.039E-09
966	24.351	4.870	3.806E-10	43.647	8.729	2.192E-09	16.785	3.357	1.246E-10	5.414	1.083	4.183E-12				10.779	2.156	3.301E-11	44.673	8.935	2.350E-09
967	8.610	1.722	1.682E-11	13.985	2.797	7.209E-11	33.576	6.715	9.976E-10	31.713	6.343	8.406E-10				8.865	1.773	1.836E-11	90.871	18.174	1.978E-08
968	7.938	1.588	1.318E-11	55.082	11.016	4.405E-09	78.137	15.627	1.257E-08	13.322	2.664	6.232E-11				7.578	1.516	1.147E-11	31.082	6.216	7.915E-10
969	29.057	5.811	6.466E-10	41.889	8.378	1.937E-09	35.787	7.157	1.208E-09	46.405	9.281	2.634E-09				13.878	2.776	7.045E-11	24.008	4.802	3.647E-10
970	90.032	18.006	1.923E-08	18.647	3.729	1.709E-10	16.947	3.389	1.283E-10	30.372	6.074	7.384E-10				13.610	2.722	6.645E-11	16.362	3.272	1.155E-10
971	10.641	2.128	3.175E-11	-7.664	0.000	0.000E+00	54.042	10.808	4.160E-09	4.232	0.846	1.998E-12				50.041	10.008	3.303E-09	31.654	6.331	8.359E-10
972	11.765	2.353	4.292E-11	14.402	2.880	7.873E-11	-29.972	0.000	0.000E+00	31.244	6.249	8.039E-10				18.785	3.757	1.747E-10	29.465	5.893	6.742E-10
973	35.963	7.193	1.226E-09	32.818	6.564	9.316E-10	22.906	4.581	3.168E-10	7.938	1.588	1.318E-11				27.653	5.531	5.573E-10	45.791	9.158	2.531E-09
974	21.096	4.219	2.474E-10	21.841	4.368	2.746E-10	9.333	1.867	2.143E-11	16.601	3.320	1.206E-10				46.461	9.292	2.643E-09	7.041	1.408	9.202E-12
975	29.000	5.800	6.428E-10	52.160	10.432	3.740E-09	36.563	7.313	1.288E-09	20.828	4.166	2.381E-10				23.678	4.736	3.499E-10	9.316	1.863	2.131E-11
976	27.893	5.579	5.720E-10	23.025	4.605	3.217E-10	19.258	3.852	1.882E-10	12.913	2.583	5.675E-11				9.190	1.838	2.046E-11	7.941	1.588	1.320E-11
977	39.506	7.901	1.625E-09	25.993	5.199	4.629E-10	47.190	9.438	2.770E-09	34.777	6.955	1.109E-09				34.582	6.916	1.090E-09	33.238	6.648	9.679E-10
978	57.576	11.515	5.031E-09	11.627	2.325	4.142E-11	35.024	7.005	1.132E-09	31.740	6.348	8.428E-10				33.408	6.682	9.827E-10	5.978	1.196	5.631E-12
979	51.992	10.398	3.704E-09	-6.085	0.000	0.000E+00	23.603	4.721	3.466E-10	20.637	4.127	2.317E-10				6.492	1.298	7.211E-12	36.318	7.264	1.263E-09
980	70.599	14.120	9.274E-09	-17.999	0.000	0.000E+00	7.916	1.583	1.307E-11	63.390	12.678	6.713E-09				24.649	4.930	3.947E-10	44.912	8.982	2.388E-09

Data: Flyover 3 - Span 8 (45.00 m) - IG-05

	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
981	78.710	15.742	1.285E-08	-26.437	0.000	0.000E+00	30.499	6.100	7.477E-10	49.589	9.918	3.214E-09				9.800	1.960	2.480E-11	10.765	2.153	3.288E-11
982	19.616	3.923	1.989E-10	-17.267	0.000	0.000E+00	-29.226	0.000	0.000E+00	24.526	4.905	3.888E-10				42.560	8.512	2.032E-09	25.231	5.046	4.234E-10
983	34.942	6.988	1.124E-09	-14.624	0.000	0.000E+00	-5.865	0.000	0.000E+00	12.623	2.525	5.301E-11				35.615	7.123	1.191E-09	7.719	1.544	1.212E-11
984	-44.347	0.000	0.000E+00	-19.090	0.000	0.000E+00	16.085	3.217	1.097E-10	18.769	3.754	1.743E-10				24.054	4.811	3.668E-10	35.850	7.170	1.214E-09
985	50.444	10.089	3.383E-09	30.940	6.188	7.806E-10	60.933	12.187	5.963E-09	7.197	1.439	9.827E-12				59.947	11.989	5.678E-09	18.083	3.617	1.559E-10
986	38.645	7.729	1.521E-09	20.971	4.194	2.431E-10	13.024	2.605	5.822E-11	-11.219	0.000	0.000E+00				27.627	5.525	5.558E-10	24.957	4.991	4.097E-10
987	-22.497	0.000	0.000E+00	107.854	21.571	3.307E-08	29.488	5.898	6.758E-10	25.749	5.150	4.500E-10				40.766	8.153	1.786E-09	13.851	2.770	7.004E-11
988	47.525	9.505	2.829E-09	54.797	10.959	4.337E-09	38.119	7.624	1.460E-09	18.202	3.640	1.589E-10				42.800	8.560	2.066E-09	33.948	6.790	1.031E-09
989	35.085	7.017	1.138E-09	41.014	8.203	1.818E-09	40.776	8.155	1.787E-09	5.352	1.070	4.042E-12				51.325	10.265	3.563E-09	11.205	2.241	3.708E-11
990	31.957	6.391	8.602E-10	6.605	1.321	7.596E-12	28.947	5.789	6.393E-10	26.621	5.324	4.973E-10				29.000	5.800	6.428E-10	22.383	4.477	2.956E-10
991	19.353	3.871	1.910E-10	28.087	5.617	5.840E-10	23.662	4.732	3.492E-10	12.199	2.440	4.785E-11				4.938	0.988	3.173E-12	18.649	3.730	1.709E-10
992	-37.169	0.000	0.000E+00	31.589	6.318	8.308E-10	43.392	8.678	2.153E-09	15.538	3.108	9.888E-11				13.285	2.657	6.179E-11	12.357	2.471	4.973E-11
993	30.027	6.005	7.136E-10	46.893	9.379	2.718E-09	26.669	5.334	4.999E-10	39.067	7.813	1.571E-09				-17.627	0.000	0.000E+00	9.113	1.823	1.995E-11
994	33.819	6.764	1.019E-09	17.903	3.581	1.512E-10	9.096	1.819	1.984E-11	30.185	6.037	7.249E-10				128.740	25.748	5.624E-08	12.528	2.506	5.182E-11
995	136.593	27.319	6.717E-08	13.046	2.609	5.852E-11	83.928	16.786	1.558E-08	39.210	7.842	1.589E-09				30.931	6.186	7.800E-10	22.518	4.504	3.010E-10
996	138.383	27.677	6.984E-08	26.161	5.232	4.719E-10	-6.000	0.000	0.000E+00	62.134	12.427	6.322E-09				51.841	10.368	3.672E-09	47.456	9.491	2.817E-09
997	15.847	3.169	1.049E-10	18.824	3.765	1.758E-10	-24.400	0.000	0.000E+00	24.513	4.903	3.882E-10				28.210	5.642	5.917E-10	38.514	7.703	1.506E-09
998	-22.775	0.000	0.000E+00	-10.966	0.000	0.000E+00	182.525	36.505	1.603E-07	5.430	1.086	4.221E-12				30.337	6.067	7.359E-10	19.995	3.999	2.107E-10
999	21.234	4.247	2.524E-10	90.281	18.056	1.939E-08	47.599	9.520	2.842E-09	14.789	2.958	8.526E-11				24.632	4.926	3.939E-10	24.800	4.960	4.020E-10
1000	31.520	6.304	8.254E-10	23.051	4.610	3.228E-10	17.659	3.532	1.451E-10	38.628	7.726	1.519E-09				13.031	2.606	5.832E-11	35.003	7.001	1.130E-09
1001	49.688	9.938	3.233E-09	36.930	7.386	1.327E-09	26.714	5.343	5.025E-10	52.084	10.417	3.724E-09				100.739	20.148	2.694E-08	54.893	10.979	4.359E-09
1002	46.143	9.229	2.589E-09	10.077	2.015	2.697E-11	6.662	1.332	7.793E-12	30.469	6.094	7.455E-10				36.066	7.213	1.236E-09	28.295	5.659	5.970E-10
1003	-21.633	0.000	0.000E+00	106.220	21.244	3.159E-08	22.827	4.565	3.135E-10	41.832	8.366	1.929E-09				47.015	9.403	2.739E-11	12.726	2.545	5.432E-11
1004	34.906	6.981	1.121E-09	-22.151	0.000	0.000E+00	25.274	5.055	4.255E-10	9.280	1.856	2.107E-11				-35.177	0.000	0.000E+00	28.474	5.695	6.084E-10
1005	23.421	4.684	3.386E-10	49.356	9.871	3.169E-09	-5.491	0.000	0.000E+00	43.972	8.794	2.241E-09				30.718	6.144	7.639E-10	32.511	6.502	9.057E-10
1006	107.544	21.509	3.278E-08	-52.517	0.000	0.000E+00	31.717	6.343	8.409E-10	14.719	2.944	8.405E-11				51.758	10.352	3.654E-09	8.153	1.631	1.429E-11
1007	32.111	6.422	8.727E-10	17.550	3.510	1.425E-10	48.433	9.687	2.994E-09	90.513	18.103	1.954E-08				40.143	8.029	1.705E-09	25.095	5.019	4.165E-10
1008	8.126	1.625	1.414E-11	18.733	3.747	1.733E-10	118.463	23.693	4.382E-08	16.702	3.340	1.228E-10				35.242	7.048	1.154E-09	34.538	6.908	1.086E-09
1009	20.607	4.121	2.306E-10	64.929	12.986	7.215E-09	72.760	14.552	1.015E-08	31.426	6.285	8.180E-10				50.111	10.022	3.317E-09	31.506	6.301	8.243E-10
1010	39.806	7.961	1.662E-09	15.283	3.057	9.408E-11	23.697	4.739	3.507E-10	10.186	2.037	2.786E-11				59.859	11.972	5.653E-09	35.710	7.142	1.200E-09
1011	28.873	5.775	6.344E-10	40.712	8.142	1.778E-09	21.106	4.221	2.478E-10	46.221	9.244	2.603E-09				6.109	1.222	6.009E-12	8.101	1.620	1.401E-11
1012	12.333	2.467	4.944E-11	47.855	9.571	2.889E-09	92.324	18.465	2.074E-08	26.086	5.217	4.678E-10				42.160	8.432	1.975E-09	33.547	6.709	9.951E-10
1013	33.291	6.658	9.724E-10	30.207	6.041	7.265E-10	6.063	1.213	5.876E-12	15.315	3.063	9.468E-11				26.668	5.334	4.999E-10	29.316	5.863	6.641E-10
1014	26.538	5.308	4.926E-10	43.116	8.623	2.113E-09	5.896	1.179	5.401E-12	16.010	3.202	1.082E-10				31.504	6.301	8.241E-10	7.379	1.476	1.059E-11
1015	62.618	12.524	6.471E-09	39.830	7.966	1.665E-09	33.282	6.656	9.717E-10	8.196	1.639	1.451E-11				33.940	6.788	1.030E-09	21.329	4.266	2.557E-10
1016	29.527	5.905	6.785E-10	9.216	1.843	2.063E-11	43.640	8.728	2.191E-09	24.461	4.892	3.858E-10				39.833	7.967	1.666E-09	12.525	2.505	5.179E-11
1017	-25.359	0.000	0.000E+00	25.619	5.124	4.432E-10	37.494	7.499	1.389E-09	31.134	6.227	7.954E-10				20.271	4.054	2.195E-10	109.105	21.821	3.423E-08
1018	11.526	2.305	4.036E-11	28.769	5.754	6.276E-10	40.825	8.165	1.793E-09	14.286	2.857	7.685E-11				36.277	7.255	1.258E-09	32.402	6.480	8.967E-10
1019	10.707	2.141	3.235E-11	16.758	3.352	1.240E-10	40.197	8.039	1.712E-09	6.434	1.287	7.020E-12				49.399	9.880	3.177E-09	-11.320	0.000	0.000E+00
1020	51.088	10.218	3.514E-09	22.222	4.444	2.892E-10	34.174	6.835	1.052E-09	30.937	6.187	7.804E-10				92.222	18.444	2.067E-08	35.590	7.118	1.188E-09
1021	34.696	6.939	1.101E-09	15.391	3.078	9.610E-11	9.102	1.820	1.988E-11	-6.915	0.000	0.000E+00				8.139	1.628	1.421E-11	37.724	7.545	1.415E-09
1022	49.382	9.876	3.174E-09	-19.115	0.000	0.000E+00	24.693	4.939	3.968E-10	31.597	6.319	8.314E-10				23.243	4.649	3.309E-10	46.146	9.229	2.590E-09
1023	11.037	2.207	3.543E-11	30.833	6.167	7.725E-10	50.491	10.098	3.393E-09	26.967	5.393	5.169E-10				25.488	5.098	4.364E-10	21.509	4.302	2.623E-10
1024	55.391	11.078	4.479E-09	17.265	3.453	1.356E-10	13.579	2.716	6.599E-11	137.552	27.510	6.859E-08				23.022	4.604	3.216E-10	50.194	10.039	3.333E-09
1025	10.981	2.196	3.490E-11	14.254	2.851	7.633E-11	9.729	1.946	2.427E-11	12.715	2.543	5.419E-11				8.781	1.756	1.784E-11	31.438	6.288	8.189E-10

Data: Flyover 3 - Span 8 (45.00 m) - IG-05																					
	Day 1			Day 2			Day 3			Day 4			Day 5			Day 6			Day 7		
	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage (Cat. E)	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage	Eqv.Strain (micro)	Eqv.Stress (MPa)	Damage
	SG25	200000	11.4822	SG25			SG25			SG25			SG25			SG25			SG25		
1026	28.061	5.612	5.824E-10	45.427	9.085	2.471E-09	38.705	7.741	1.528E-09	5.806	1.161	5.158E-12				-4.016	0.000	0.000E+00	12.183	2.437	4.766E-11
1027	25.970	5.194	4.616E-10	15.674	3.135	1.015E-10	29.149	5.830	6.528E-10	35.457	7.091	1.175E-09				48.951	9.790	3.092E-09	28.851	5.770	6.330E-10
1028	31.043	6.209	7.885E-10	23.997	4.799	3.642E-10	-28.278	0.000	0.000E+00	36.285	7.257	1.259E-09				22.742	4.548	3.100E-10	27.930	5.586	5.743E-10
1029	68.606	13.721	8.511E-09	46.601	9.320	2.667E-09	32.121	6.424	8.735E-10	18.799	3.760	1.751E-10				4.339	0.868	2.153E-12	4.461	0.892	2.339E-12
1030	40.868	8.174	1.799E-09	54.271	10.854	4.213E-09	14.372	2.874	7.824E-11	10.394	2.079	2.960E-11				34.098	6.820	1.045E-09	24.046	4.809	3.664E-10
1031	31.339	6.268	8.112E-10	22.305	4.461	2.925E-10	28.307	5.661	5.978E-10	31.602	6.320	8.318E-10							32.603	6.521	9.134E-10
1032	35.279	7.056	1.157E-09	29.750	5.950	6.940E-10	46.347	9.269	2.624E-09	-17.144	0.000	0.000E+00									
1033	9.703	1.941	2.408E-11	34.444	6.889	1.077E-09	28.070	5.614	5.830E-10	38.611	7.722	1.517E-09									
1034	7.438	1.488	1.085E-11	48.572	9.714	3.020E-09	-7.732	0.000	0.000E+00	22.861	4.572	3.149E-10									
1035	-8.861	0.000	0.000E+00	30.794	6.159	7.697E-10	49.119	9.824	3.123E-09	47.191	9.438	2.770E-09									
1036	23.766	4.753	3.538E-10	34.462	6.892	1.079E-09	7.039	1.408	9.193E-12	19.044	3.809	1.820E-10									
1037	9.572	1.914	2.312E-11	54.812	10.962	4.340E-09	25.905	5.181	4.582E-10	25.557	5.111	4.400E-10									
1038	22.884	4.577	3.159E-10	14.551	2.910	8.120E-11	44.355	8.871	2.300E-09	25.955	5.191	4.608E-10									
1039	14.380	2.876	7.837E-11	29.715	5.943	6.915E-10	29.715	3.820	0.764	1.469E-12											
1040	51.099	10.220	3.517E-09	24.123	4.825	3.700E-10	24.289	4.858	3.777E-10												
1041	4.012	0.802	1.702E-12	27.964	5.593	5.764E-10	5.837	1.167	5.242E-12												
1042	29.934	5.987	7.069E-10	54.854	10.971	4.350E-09	30.442	6.088	7.435E-10												
1043	26.493	5.299	4.901E-10	51.252	10.250	3.548E-09	10.249	2.050	2.837E-11												
1044	11.728	2.346	4.252E-11	6.046	1.209	5.826E-12	4.372	0.874	2.203E-12												
1045	29.120	5.824	6.508E-10	45.937	9.187	2.555E-09	47.802	9.560	2.879E-09												
1046	6.138	1.228	6.095E-12	9.270	1.854	2.100E-11	10.234	2.047	2.825E-11												
1047	27.662	5.532	5.579E-10	28.921	5.784	6.376E-10	9.075	1.815	1.970E-11												
1048	31.095	6.219	7.924E-10	74.756	14.951	1.101E-08	32.896	6.579	9.383E-10												
1049	150.933	30.187	9.062E-08	15.050	3.010	8.985E-11	14.952	2.990	8.811E-11												
1050	-24.059	0.000	0.000E+00	58.906	11.781	5.387E-09	8.131	1.626	1.417E-11												
1051	12.299	2.460	4.904E-11	31.143	6.229	7.961E-10	14.205	2.841	7.554E-11												
1052				-17.229	0.000	0.000E+00	37.587	7.517	1.400E-09												
1053				55.508	11.102	4.508E-09	33.848	6.770	1.022E-09												
1054				4.980	0.996	3.256E-12	16.514	3.303	1.187E-10												
1055				29.115	5.823	6.505E-10	11.606	2.321	4.120E-11												
1056				19.440	3.888	1.936E-10	27.099	5.420	5.245E-10												
1057				56.617	11.323	4.783E-09	10.610	2.122	3.148E-11												
1058				8.106	1.621	1.404E-11	10.356	2.071	2.928E-11												
1059				29.934	5.987	7.070E-10	8.113	1.623	1.407E-11												
1060				37.692	7.538	1.411E-09	13.471	2.694	6.443E-11												
1061				37.216	7.443	1.359E-09	16.982	3.396	1.291E-10												
1062				24.767	4.953	4.004E-10	34.397	6.879	1.073E-09												
1063				21.982	4.396	2.800E-10	7.290	1.458	1.021E-11												
1064				23.835	4.767	3.569E-10	27.321	5.464	5.375E-10												
1065				49.358	9.872	3.169E-09	22.392	4.478	2.959E-10												
1066				13.661	2.732	6.719E-11	17.020	3.404	1.300E-10												
1067				13.043	2.609	5.849E-11	26.345	5.269	4.819E-10												
1068				49.281	9.856	3.154E-09	5.490	1.098	4.361E-12												
1069				17.544	3.509	1.423E-10	44.512	8.902	2.324E-09												
1070				18.776	3.755	1.745E-10															

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[illegible]