



INSPECTION DEPARTMENT
South Side Span Report 441.
DATE. 2014.08.07

(E2.1 Bridge)
REPORT No. 441
SIDE SPAN SOUTH

DATE: 20.07.14 to 07.08.14

The South Side Span was inspected over the above dates; generally the south side span remains in a satisfactory condition and the general findings were as follows:

Structural Steelwork/Bolts: All the structural steelwork on the south remains in a satisfactory condition with only 2 no. new bolts found this inspection; these being located at PP43/44 bottom chord & Cross Girder 8 (W) beam 7.

Paintwork: Paintwork on the south side span generally remains satisfactory throughout. There are some areas (specifically) top and bottom chord lateral bolt clusters where the bolt heads are beginning to suffer from different levels of breakdown through corrosion.

Deck Stiffeners: PPs 24 & 30 where the deck panels were jacked up and levelled and hardox packers inserted; these remain satisfactory.

Grillage / Crash Barriers: Slow lane crash barrier on west side only, top rail detail there are 2 no. bolts missing at PP08 & 10.

Stringer Half Joints: At PP12 SW the monthly inspections continue to be carried out. Back in May new weld cracks were detected on stringer No 2. east face on the north side of the detail (short end of stringer), all details are recorded on the monthly report sheet.



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Ladders. : **PP.39 E & W . Only.** : Top Access platform to ladder access to bottom Chord has at time Of Inspection been scaffolded and boarded out by contractors (Harsco) All areas On access platform have been painted . Painting still required on Ladder Hoops And Flats. To bottom chord access platform.

Plant room. : **PP. 8-10. West.** : Scaffold incorporated at time of inspection to remove top chord hangers which were placed for a working platform during their installation.

Main Link. (West) . : The main link grease lubrication supply line (East side) to the top pin has come off and requires to be refitted. Do not know if maintenance / renewal of the Gease-o-matics is still ongoing. Access.

Runway beams . : Since principal inspection carried out in 2008, areas on the components which make up the runway beam hanger element now showing signs of corrosion, especially the faces of the top chord "H" beam. Would benefit from a program of works to paint. Also a program of works (when possible , access gantry ? required) to remove and replace runway beam fish plate set screws.

All defects recorded and entered on the structural report programme with all individual defect sheets given to the appropriate Maintenance Supervisor.

Bridge Inspectors:



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