



INSPECTION DEPARTMENT
General Report – North Side Span
DATE. 2014.02.06

(E2.1 Bridge)  
REPORT No 416  
NORTH SIDE SPAN

DATE: 29.01.14 to 06.02.14

The North Side Span was inspected in its entirety over the above dates and the general findings were as follows:

**Structurally:** As previously reported there is heavy corrosion evident on the underside of the cross girder beam steelwork which is due to paint breakdown exposing the steel to the elements, however overall the structural steelwork remains satisfactory. There are **no** new bolts to record this inspection.

**Cross Girders, Beams 3 & 8 E/W:** Build of road detritus continues chocking up the gaps at the bases of these beams. It was recorded at time of last inspection that a deposit of red blaze had built up on the steelwork; a programme of works for washing down the steelwork has been carried out since and the red blaze has been removed. In various locations vegetation is continuing to grow thus no water can drain away.

**Zinc Salts:** This still remains evident on the cycle track soffits and the underside of the top chords.

**Upper Front Rolling Platform:** The rolling front is currently located at PP23.5 to PP27.5.

**Gantry B:** Gantry B remains located at PP07 North Side Span

**Cycle Track:** The paint breakdown remains evident at the bases of the outer posts on the outer balustrades; white lining continues to breakdown on both the cycle-tracks but overall the cycle-track remains in a satisfactory condition.

**Top Laterals:** In the top lateral connection above the D Line walkway as previously reported and at the top chord connections at PP02-06 E/W, a heavy build up bird droppings is evident around the bolt clusters.

**Steelwork Bolts:** The bolts remain to have continual breakdown of the protective coating, especially below the walkway level; visually the bolts remain in-situ but have heavy corrosion with areas of paintwork blooming on the bolt nuts.

**Paintwork & Corrosion:** Remains as previous inspections with no works carried out. To reiterate from information recorded on previous inspections carried out by Bridge Inspectors with regards to the continuing deterioration of the steelwork on beam members and protective coating, heavy corrosion remains evident. Deterioration continues with every inspection. Some beams now have very large areas of steelwork which is completely unprotected and exposed to the elements, especially on the underside of the beams. Other locations have areas of heavy paintwork breakdown & corrosion evident.

Bridge Inspectors:

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