

GENERAL INSPECTION REPORT

(BC14)
REPORT No. 271
SIDE SPAN SOUTH

DATE: 13/08/2009 TO 28/08/2009

The South Side Span was inspected over the above dates, the findings are as Follows:

Structural Steelwork: The steelwork remains in a satisfactory condition, Although there are areas of minor paint breakdown throughout. An additional missing/broken bolt was found taking the total to 28.

Top Chord: Between panel points 42 and 44 on both the east and west sides, There are three large areas(per side) of discolouration and slight corrosion evident. These are areas where the vertical columns of the dropped object canopy were positioned. These require cleaning and painting when possible.

Walkways: The walkway splice bolts still remain to be a problem, although 8 have been replaced since the last inspection; there are an additional 14 new Splice plate bolts found to be loose, bringing the total to 22. Also in this inspection it was found that a handrail post had 2 base plate bolts Loose, and there are 4 bolt/lindaptors loose at walkway supports to cantilevers. Mesh – 3 areas require attention, and it was also noted that there are 3 small holes approx. 100mm X 90mm in the flooring between P.P. 30 – 31 S.W. All of the above are on the A-lines. J-bolts and walkway flooring clips on all lines require routine maintenance.

End Trimmers: Cracked welds at the following locations: 30 S.W. 16 S.W. 12 S.W. 04 S.W. 02 S.W. and 24 S.E. In some cases defects are minor at the moment, but will only get worse.

Ducting/Conduits: There are 17 different locations on the tri-ducts that require attention, 4 locations of the newly installed duct (3 of which are duct box covers) that require attention.

Vegetation/Road Debris: All cross girder beam No.8's throughout the Structures side span south are heavily contaminated with various different Types of vegetation & debris, these beams require to be cleaned thoroughly. All beams on the cross girders have gaps which allow the passage of water. This is not happening, hence the build up of road detritus and vegetation at lower end of beams. Not only are these areas vulnerable to corrosion, but also Look unsightly.

Bridge Inspectors: