



INSPECTION DEPARTMENT
South side span . Report No 396.
DATE. 2013.05.20.

(E2.1 Bridge)
REPORT No. 396
SIDE SPAN SOUTH

DATE: 2013.04.25. to 2013.05.17.

The South side span was inspected intermittently over the above dates, routine requested inspections and additional surveys interrupted inspection completion date. Generally the South side-span remains in a satisfactory condition. General findings were as follows. :

Structural steelwork. / Bolts : All structural steelwork on the South side span remains in a satisfactory condition. 2 in No new bolts found this inspection. Both bolts located on the underside of the cycle track cantilever beam connections to the top chord (West side.).

Deck stiffeners. . : In general remain in a satisfactory condition. PP.20 s/w. requires to be repaired. Weld crack located above "C" line walkway. Current status as last report with regards to PP. 30 s/w. All temporary repairs carried out remain intact. New deck stiffener detail fabricated. Awaiting programme of works to be implemented to remove existing and replace with new strengthened detail.

Carriageway concretete . Deck soffit. : An area of heavy veinular cracking & water staining of approx 2.5 metres square was found this inspection located on the soffit at PP08 s/w. This may have evolved from an area of defective carriageway surfacing located in Lane No1.outer wheel line on the north side of the deck stiffener. Investigation showed defective concrete evident below surfacing. Repairs to defective concrete carried out, and full waterproof system applied. Further investigation with the probability of core samples will be taken to record extent of possible damage and structural strength of concrete in this area.

Stringer half joints. : Following completion of fabrication and installation of trial replacement detail at PP12 s/w. a requested inspection is to be carried out on a monthly basis by bridge inspectors. Current status remain satisfactory.

Lighting columns. : Lighting column located at PP 32 s/e requires to be replaced.

All defects recorded and entered on structural report programme. All required individual defect sheets given to appropriate maintenance supervisors.

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