



INSPECTION DEPARTMENT
General Report – Main Span North & South
DATE. 12.01.12

(BC08)
REPORT No 343.
MAIN SPAN NORTH & SOUTH

DATE: 23.11.11 to 12.01.12

The main span both North and South was inspected intermittently between the above dates, this was mainly due to other scheduled inspections which fell within these dates and also incorporated was the regular weekly inspections required by management which are required to be carried out. Also within this period there were the annual public holidays over Christmas and New Year.

Structural Steelwork: The steelwork remains in a satisfactory condition although areas of salt are continuing to become more prominent on the deck soffit steelwork, deck stiffeners and stringer soffits. These areas would benefit from a wash-down programme being put into practice to remove existing salts and to prevent further areas breaking out. This inspection produced a further 6 no. bolts taking the outstanding total of broken, sheared or missing bolts to 77 throughout the main span.

Beams 3 & 8 E & W, Beam 4 & Top Lateral Upper Bolt Clusters: At the time of inspection detritus and road debris was evident in the beam rainwater passage channels at beams Nos. 3 & 8. These blockages are not allowing the natural flow of water from the upper levels; these require to be cleaned out. Beam No. 4 East to West plus the top lateral bolt clusters, detritus was also evident and will require to be washed down.

Runway Beams: Status remains unchanged since Principal Inspection of 2008, programme of works as yet to be implemented.

Ducts & Conduits: Dropped ducting was located under the inner balustrade (PP64-70 NE) which has been temporarily secured by rope to the inner balustrade. Duct holding clamps have become loose or broken through wear and vibration. At one section the wires inside the duct are wearing against the pipe angle support bracket, this duct has been pulled away from bracket and secured to balustrade to prevent damage to wires until repair work can be carried out.

Billets: A programme is currently underway for billet repairs at various locations throughout the main span and is progressing steadily with approximately 50% of billets now completed.

All defects recorded and entered on structural report programme and all individual sheets distributed to the appropriate Maintenance Inspector.

Bridge Inspectors:

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