



INSPECTION DEPARTMENT
General Report: Suspender Inspection.
DATE. : 01/02/12 to 02/02/12

(BC 16 )  
REPORT No. 348  
SUSPENDERS.

DATE: 01.02.12 to 02.02.12

All hanger assemblies throughout the structure were visually inspected over the dates stated above. An optical aid was used where required to visually inspect the integrity of the castings and associated welds. A partial visual inspection has been carried out on the condition of the hanger wires saddling the main cable on the side spans and main span up to the security gates only, this will be completed when the rest of the cable bolts are checked in the near future.

**Ropes:** All hanger wires remain in a satisfactory condition, no visual indications of any deterioration or strand breakages on any of the hanger cables throughout the length of the structure.

**Spacers:** All hanger wire spacers also remain in a satisfactory condition with all relevant fixings located with no evidence of movement.

**Top Chord Assemblies:** All suspender assemblies remain in a satisfactory condition with no apparent movement evident. All castings throughout the structure also remain in satisfactory condition.

**Paintwork:** There were signs of weathering and discolouration throughout all the suspenders but in general all the paintwork appears to be in satisfactory condition with no evidence of any major paint breakdown or deterioration.

Bridge Inspectors:



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