



INSPECTION DEPARTMENT
General Report: Suspender Inspection.
DATE. : 17.07.12

(BC 16 )  
REPORT No. 363  
SUSPENDERS.

DATE: 16.07.12 to 17.07.12

All hanger assemblies throughout the structure were visually inspected over the dates stated above, with an optical aid being used where required to visually inspect the condition of the hanger wires and a partial visual inspection was carried out on the hanger wires saddling the main cable on the side spans and the main span up to the security gates only. When the cable band bolt inspection is carried out at a future date the rest of the hanger wires will be visually inspected.

**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. At PP42 SW a severed acoustic monitoring cable has been left tied round the hanger (see attached document) Spencers have been notified.

**Spacers:** All hanger wire spacers remain in a satisfactory condition with all relevant fixings located with no evidence of movement. Also at PP42 SW there is evidence of tape having been left wrapped round the spacers, Spencers have also been notified regarding this matter.

**Top Chord Assemblies:** The suspender assemblies are in a satisfactory condition with no apparent movement evident. All castings remain in a satisfactory condition.

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

Due to the Cable Investigation Contract some areas were not accessible so only a partial visual was obtained, these will be checked when Spencers remove their compounds.

Bridge Inspectors:



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