



INSPECTION DEPARTMENT
General Report: Suspender Inspection.
DATE. : 08.02.13

(E2.1 Bridge)
REPORT No. 368
SUSPENDERS.

DATE: 07.02.13 to 08.02.13

All hanger assemblies throughout the structure were visually inspected over the above dates stated above, an optical aid being used where required to visually inspect the condition of the hanger wire 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. At present there is a programme of works in progress to replace all cable band bolts on the suspended structure; all hanger cable tops will be inspected on commencement of the suspended structure main cable inspection.

Ropes: All the hanger wires remain satisfactory; there were no visual indications of any deterioration or breakages on any of the hanger cables throughout the length of the structure. The acoustic monitoring cable that had been severed at PP 42 SW has now been reinstated.

Spacers: All hanger wire spacers remain satisfactory with all relevant fixings showing no signs of movement. At time of last inspection it was reported that there had been some tape wrapped around the spacers at PP42 SW, this has since been removed.

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

Paintwork: There is evidence of weathering and discolouration throughout all the suspenders, but overall the paintwork is satisfactory with no evidence of any major paint breakdown or deterioration.

Due to the Cable Band Bolt Contract, some areas were not accessible, i.e. where Spencers have scaffolding and where there are gantries placed on the main cable, therefore these will be checked at a later time.

With no defects being found at time of inspection there is no element list required to be attached to this report.

Bridge Inspectors:



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