

General Inspection Report

(BC16)
REPORT No.241
SUSPENDERS.

DATE: 05/11/1998 TO 05/11/1998

All suspender assemblies throughout the structure were visually inspected between the above dates. An optical aid was used where required to visually inspect the integrity of all castings and welds.

Ropes: All suspender wires remain in satisfactory condition with no evident stand damage.

Top chord assemblies: At P.P. 100 S/E there is what appears to be movement of the two set of three bolts holding the pin retaining plates, these are on the inside of the westerly hangers. At P.P. 30 N/E a hanger anchor bolt cap end is loose, on underside of chord. All remaining assemblies remain in a satisfactory condition with no apparent movement. All welds and castings remain in a satisfactory condition.

Spacers: All spacers located are in position, with no visible movement evident.

Paintwork .: All paintwork appears to be in a satisfactory condition. **Note:** Current painting programme of works for suspenders put on hold. Access cradles removed on 02/11/08. Last position PPs, 54 & 56 North West main span.

Note: Although no visual inspection of suspender tops carried out this inspection due to rope access safety requirements, a full visual inspection of cable bands, hand-strands and all associated fixings were carried out during the main cable dehumidification programme of works (West) and main cable band nut survey/inspection. (East) A full visual inspection of the East side is currently ongoing when access is possible to take cable band bolt readings.

Bridge Inspectors: