

(BC 16)
REPORT No 295.
SUSPENDERS.

DATE: 13/04/10 TO 14/04/10

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. No visual inspection was carried out on the suspender wires on the main cable. These areas will be visually inspected when conducting a forthcoming main cable inspection.

Ropes: All suspender wires remain in a satisfactory condition. No visual indications of any deterioration or strand breakages on any suspender cables throughout the structure.

Top chord assemblies: At pp 58 n/e there are paint cracks evident on the top chord leading from the toe of the plate of both the east & west casting assemblies. On inspection of the cracking paintwork, loss of adhesion in certain areas seemed to be evident, samples were taken and the material was found to be very brittle. The areas of steel were also inspected to ensure that no defects were found. Will monitor this position as a matter of course. (Photographs taken please refer to BC 16). Hanger anchor bolt cap at PP.30 N/E remains previous inspections. All suspender assemblies remain in a satisfactory condition with no apparent movement evident. . All welds and castings throughout the structure remain in a satisfactory condition.

Spacers: All spacers remain in a satisfactory condition with all fixings located & No visible movement evident.

Paintwork .: All paintwork in general appears to be in a satisfactory condition. No evidence of any paint breakdown or deterioration evident at time of inspection.

Bridge Inspector. :

