

(BC 15)
REPORT No.374
VIADUCT INTERNAL.

DATE: 26.09.12 to 03.10.12

The North & South viaduct box girder internals were inspected in their entirety between the above dates, general findings were as follows:

Structurally: Since the last inspection date carried out between 06/01/10 to 12/01/10 the pier viaduct bearings have been replaced and internal strengthening works have been carried out on the internal splice plate connections of the box girder section boxes. This contract has now been completed. Generally the viaduct box girder internals were found to be in a satisfactory condition. There is some evidence of slight corrosion at beam location 219/221 in the SE Box Girder and water ingress in SW box girder at beam location 151/152 where stagnant water has gathered.

North box girder. ; Both East & West boxes remain in a satisfactory condition. Following completion of the bearing replacement program all contractors materials used in the works have been removed. F.R B. Electrical program of works remain to be completed.

South box girder. ; Located throughout both East & West box girders there are sections of cable tray supported by temporary rope fixings, reinstatement is required. There are also section boxes throughout which contain material elements which may be required to complete electrical program of works which started prior to the commencement of bearing replacement contract works or require to be removed.

Fans: **S/W** box girder fan (at North end) has no output but all other fans both North & South were functional on test at time of inspection.

Lighting: A number of lights were found to be non-functional at time of inspection and were as follows:

S/E = 10. S/W = 11. N/E = 6 and N/W = 6 this being a total of 33 in No.

Housekeeping: Following completion of FRB. Electrical program of works all excess material, debris & rubbish will be removed by FRB General Operatives. Bridge inspectors will liaise with operations supervisors to ensure work is inspected and completed.

All information recorded & entered on structure report programme.

Bridge Inspectors: