

BC06)
REPORT No. 289.
EXPANSION JOINTS N & S VIADUCTS

DATE: 27/01/10 TO 27/01/10.

A Visual inspection of the North and South Viaduct Expansion Joints were carried out on the above date. General findings were as follows,

Structural steel & plates: All structural steelwork appears to be intact and in a satisfactory condition..

Fixings: On the North east viaduct expansion joint lane No 2, combe plate No 7 has 3 in No bolts with nuts missing on the underside , combe plate No 8 has 1 in No bolt with the nut missing & 1 in No bolt with only 2 in No threads which appear to be on . This nut has been to have been welded to the underside of the combe plate. it appears to be that when combe joint was changed at some time the wrong length of bolts have been used when refitting. **No combe plate movement** evident at time of inspection. (maint supervisor informed & supplied with individual defect sheet & photographs.)

Drainage: Cleaning appears to have been started on the North expansion joint trough but not finished. A large build up of road detritus / silt remains in the west side of the expansion joint trough . Requires to be cleaned to allow only carriageway surface water to flow into the side tower drains & not silt.

Housekeeping. : Pier S3 top & Expansion joints at S3, between the east & west box girder sections require to be cleaned. Heavy build up road detritus & bird droppings evident. (assistant maintenance inspector) informed & supplied with individual defect sheet & photographs.

All relevant information recorded & entered on the structure report programme. structure report.

Bridge Inspectors .