

(BC06)  
REPORT No 297  
EXPANSION JOINTS N & S.

DATE: 19/05/10 TO 19/05/10

A visual inspection of both the North & South main tower expansion joints were carried out on the above date, The general findings are as follows:

**Information . :** Access to both north & south main tower expansion joints are now under the control of Raynesway / SGB. Scaffolding.

**Structural steelwork:** Following inspection steelwork on the whole remains in a generally satisfactory condition throughout.

**Fixings:** All fixings associated with remain intact and secure. Protective covering breakdown with Medium to heavy corrosion evident on bolt heads evident at time of inspection..

**Pins & springs.& Bushes. :** On the south main tower expansion joints all remain as previous inspections with no further information to report.

On the north main tower expansion joints ( West side only ) at time of inspection new pins & springs have been fitted to both main-span & side-span sides with a new failsafe interlocking system being fitted to the sliding plates. Regular condition & dimensional spring checks being carried out by bridge inspectors. Unable to carry inspection of north east expansion joint on the main-span side, no access available. Side span side remains as previous inspections with no further information to report.

**Paintwork:** Breakdown of paintwork continues with the north expansion joints showing more sign of paint breakdown and corrosion than the south.

**Surface Plates:** Anti-skid surfacing on all expansion joints showing signs of wear-down. These areas are continually monitored and regularly inspected on a weekly basis for any plate defects.

Bridge Inspectors



<b>INSPECTION DEPARTMENT</b>
<b>Expansion joints main tower N &amp; S.</b>
<b>DATE. 19/05/10</b>

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