

General Inspection Report

(BC06)

REPORT No.186

DATE: 26/04/2005 TO 26/04/2005

EXPANSION JOINT (NORTH VIADUCT)

The last inspection of the **North & South** viaduct expansion joints was carried out back in **March 2003**, the reason for the delay in further inspections is due to access restrictions with regard to Viaduct runway beam and Gantry replacement. This report is for the **North expansion joint only** as restrictions are still in place for the **South**. Ie: **No handrails** at **Pier S3** and **No Centre Gantry** available at time of inspection.

Structural Steel & Plates. : Appear intact however, the West side has a banging/clicking sound more likely to be an **End trimmer**. The East side has **severe banging** likely to be plates No **2 & 4** as previously recorded.

Fixings : Heavy corrosion remains apparent on all fixings. The **Spring compression assembly** at plate **No 4**, is loose, all the rest of the assemblies appear fully adjusted. **4 off** nuts remain missing as last inspection.

Drainage : Troughs appear functional A.T.O.I. Paint breakdown & corrosion remains evident throughout.

General : All the underside is badly soiled with road grit & dust, covering all the spring assemblies etc.

All defects are detailed & entered on the structure report programme.

Inspectors. :