



INSPECTION DEPARTMENT
Expansion joints. Main tower / Cycle Tracks.
DATE. 2013.12.04

(E2.1 Bridge)
REPORT No.412
EXPANSION JOINTS – MAIN TOWER
TO CYCLE TRACK.

DATE: 04.12.13 to 04.12.13

Scheduled inspection of all Main Tower Cycle Track Expansion Joints (Main Span and Side Span) was carried out on the above date and the general findings were as follows:

The wear down on the sliding plates and on the apron plates remains as per previous inspections and this continues to have an effect on the bituminous surface below.

Upper and Lower Platforms: All handrails, platform floor panels and fixings remain intact and secure with all steelwork and welds remaining satisfactory. On the lower platform evidence of slight corrosion remains evident with staining and paint breakdown on the handrails. There was evidence of mild build up of pigeon excrement on all the platforms and would benefit from a wash down and clean. (Operations have a monthly routine schedule for cleaning these areas).

Steelwork and Fittings: On some of the bolt heads at certain locations, blooming, minor discolouration and corrosion is evident. Overall the steelwork, fixings and welds remain in a satisfactory condition.

Tensioning Assemblies: These remain in position with no access gained to carry out a visual inspection. Areas of minor corrosion and paint breakdown are evident on some of the bolt heads, Hey-Pack Spring Pack Boxes, pins and fixings.

Access Cradle Support Beams: All suspended access cradle support beams and fixings remain satisfactory. There is evidence of discolouration and staining and slight corrosion round the fixings.

Cycle Track to Upper Platform Access Ladders: All ladders remain in a satisfactory condition.

Bridge Inspectors



INSPECTION DEPARTMENT
Expansion joints. Main tower / Cycle Tracks.
DATE. 2013.12.04



INSPECTION DEPARTMENT
Expansion joints. Main tower / Cycle Tracks.
DATE. 2013.12.04



INSPECTION DEPARTMENT
Expansion joints. Main tower / Cycle Tracks.
DATE. 2013.12.04