



INSPECTION DEPARTMENT
Expansion joints. Main tower / Cycle Tracks.
DATE. 2014.06.05

(E2.1 Bridge)  
REPORT No.434  
EXPANSION JOINTS – MAIN TOWER  
TO CYCLE TRACK.

DATE: 05.06.14 to 05.06.14

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 reports.

**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 there is evidence of corrosion with staining and paint breakdown evident on the handrails. Although Rentokil have been down and coated this area with bird deterrent gel on all the members, there is however evidence of mild build-up of pigeon excrement on all the platform floor panels and these would benefit from a wash down and clean (as previously reported Operations have a monthly routine schedule to clean these areas).

**Steelwork and Fittings:** No changes; as previously reported there is some, blooming, minor discolouration and corrosion is still evident on the bolt heads at certain locations, but 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 inspections; areas of minor corrosion and paint breakdown are evident on some of the bolt head, 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 at each location remain satisfactory.

Bridge Inspectors:



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