



INSPECTION DEPARTMENT
Side Towers North & South
DATE. 2015.04.15

(E2.1 Bridge)  
REPORT No.469.  
Side Towers North & South

DATE: 14.04.15 to 15.04.15

A visual inspection of both North and South Side towers was carried out over the above dates; the general findings were as follows:

**Structurally:** In general both the North and South side towers internally and externally remain in a satisfactory condition. No defects were found with regards to any internal concrete.

**Post Tensioned Cables:** The condition of the post tensioned cables remains as last inspection (refer to survey sheets attached). A past survey concluded that that the post tensioned cables were no longer required; no programme of works has been initiated to remove these cable, therefore is it to be assumed that no such works will be carried out in the future. Water was evident on the basement floors of the SE & SW side towers but this was due to open water valves on the water ringmain in the side tower wells, which have since been closed off. The floors on the basement floors of the NE & NW side towers were dry at time of inspection.

**Lighting:** All side tower internal lighting remains in a satisfactory condition, with the exception of 1no. fluorescent light out in the SE side tower level 2 on the north face.

**Fittings:** All internal & external fittings remain satisfactory.

**Rocker Saddles:** All main cable rocker saddles remain in a satisfactory condition with no evidence of any weld failures, no apparent deformation of side plates and no evidence of any movement on bearing block at time of inspection. The paintwork remains generally in good condition with only slight paint breakdown evident on the bolt heads at the base.

Bridge Inspectors:



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