



INSPECTION DEPARTMENT
Side Towers North & South
DATE. 2013.04.15

(E2.1 Bridge)
REPORT No. 394
Side Towers North & South

DATE: 11.04.13 to 15.04.13

The North and South Side Towers were visually inspected intermittently between the above dates; this was due to a defect detected with the North East Side Tower bottom door lock which prohibited the completion of the inspection until a repair could be carried out. The general findings were as follows:

Structurally: In general both the side towers remain in a satisfactory condition; with a visual external inspection being carried out at both the North and South Side Towers.

North Side Towers: Since the last inspection the bearing replacement contract has since been completed, therefore all scaffolding has now been removed. In the North West Leg Freyssinet have left a pendulum which was installed to record any tower movement during the bearing replacement contract; this now requires to be removed. All post tension cables remain in a satisfactory condition.

1 no. fluorescent light defect noted at time of inspection.

South Side Towers: Post tension cables remain as per report no. 359 (refer to relevant tower survey sheet for clarification) with no programme of works yet implemented to remove these post tension cables from the side towers. With regards to the damaged gabion defence wall located at the base of the side tower due to erosion from tidal waters, these works still remain to be carried out. 3 no. fluorescent light defects noted at time of inspection.

External Concrete Repairs: All repairs that were completed under the bearing replacement contract remain satisfactory.

All defects recorded and entered onto the structure report programme with photographic description and individual defect sheets given to the relevant Maintenance Supervisor for distribution.

Bridge Inspector:

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