



INSPECTION DEPARTMENT
Side Towers North & South
DATE. 2014.05.28.

(E2.1 Bridge)
REPORT No.433.
Side Towers North & South

DATE: 2014.05.26. to 2014.05.2.

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

Structurally: In general both North & South side towers internally & externally remain in a satisfactory condition. Cementitious repair works carried out by contractors to the exterior faces of the side towers during the bearing replacement contract remain in a satisfactory condition. No defects found with regards to any internal concrete.

Post tensioned cables.: The condition of the post tensioned cables remain as last inspection , (please refer to attached survey sheets.) In 2010 a survey was carried out by consultants (following reports of heavy corrosion and severance of certain cables at the base of the side towers.) Consultants investigation concluded that the post tensioned cables were no longer required. A decision taken by management was that if these cables were of no further use and that their removal would not affect the structural integrity of the towers , that a program of works would be introduced to have these cables removed. ? Is this still the case , or are we to assume that in the current climate this work has been cancelled. Water evident on basement floor in South E & W side towers at time of inspection. Floors dry on basement floor in the North E & W side towers.

Lighting. : All side tower internal lighting remains in a satisfactory condition, With the exception of a missing fluorescent light tube in level No1 in the North west side tower.

Fittings. : All internal & external fittings remain in satisfactory condition.
Recorded defects entered in to the structure report program and relevant individual defect sheets passed on to the maintenance supervisors.

Rocker Saddles. : All main cable rocker saddles remain in a satisfactory condition with no Evidence Of Any Weld Failure, No Apparent Deformation Of Side Plates, No Evidence Of Any Movement On Bearing Block at time of inspection. Paintwork remains in general in good condition. Slight paint breakdown / corrosion evident on bolt heads at base .

Bridge Inspector. :

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