

# General Inspection Report

(BC15 )

REPORT No 201.

DATE: 16/05/06 TO 15/06/06 .

VIADUCT EXTERNAL ( NORTH )

The entire viaduct external ( **North** ) was visually inspected over an intermittent period between the above dates. albeit generally satisfactory , deterioration continues. General findings were as follows.

**Outriggers & Beams. :** Edge breakdown & paint breakdown apparent on both outriggers & beams  
Medium corrosion evident throughout.

**Soffits. :** Missing concrete areas, longitudinal & transverse spalling of concrete & exposed areas .  
of reinforcement bar throughout. **Evidence of spalled area residue apparent in bridge policies.**  
**Danger to general public.**

**Box girders. :** Paint breakdown & uncompleted section of paintwork apparent. Medium corrosion  
evident throughout Movement markers, light fixing brackets etc, beginning to show signs of heavy  
corrosion.

**Pier tops. :** Rainwater drain covers & frames either missing ,distorted or unattached from their  
fixings. Certain drains located on the pier tops are blocked & full of road detritus. Missing concrete,  
spalling & exposed reinforcement bars located directly below pier top pin bearings evident.

**Bearings. :** All Pin bearings on pier tops. medium corrosion evident. Roller bearings located at  
abutment ledge now suffering from heavy corrosion, bearing teeth in a state of breakdown.

**Permanent access platforms. :** Platforms & fixings now suffering from heavy corrosion throughout.  
Temporary tube & scaffold still remain in-situ from viaduct gantry replacement contract. **Do not  
conform to current regulations.**

**Please refer to attached documentation for further reference to locations ,detailed information  
And photographic records of typical examples of defects evident.**

**Bridge inspectors. :**