

Inspection and Testing of Concrete Highway Structures

Corrosion Risk Assessment of Reinforced Concrete Bridges

The UK Department of Transport's Departmental Advice Note BA 35/90 gives guidance on inspection, testing and repair of concrete highway structures.

The full scope of Special Inspection testing for corrosion risk assessment by half-cell potential, cover, resistivity measurements and chloride analysis is undertaken by Sandberg who have established in-depth expertise and experience in this work. Other tests for strength, composition and alkali reactivity are also undertaken.

Sandberg hold UKAS accreditation (as required by the Advice Note) and are operating nationwide on such work for many Metropolitan and County authorities and their agents. The provision of all-in services are accommodated as required and arrangements for access and traffic management services can also be undertaken.

This work is directed by engineers who are qualified and experienced to advise on the necessary investigation requirements and to provide relevant interpretations of the findings. A service for General and Principal Inspections of concrete, steel and masonry bridges is also offered.



Testing under way on the deck soffit of a motorway overbridge structure