

Area 9 ASC

Renewal of Structures Scheme RS1A

Scheme Brief

AMENDMENT RECORD

Amend . No.	Issue Date	Amendments	Initials	Date
0	June 2013	First Issue	SOS	27/6/13

1 Scheme Type

This scheme is a value band B (£0 to £30k) structures scheme.

2 Scheme Description

The purpose of this scheme is to carry out Thaumaside Investigations on a structure over a dual three lane motorway. The investigation will aim to determine the extent of deterioration on the structures foundation. Works will then be necessary to reinstate the structure after investigation has been carried out.

The works will include but not limited to:

- Provision of temporary accommodation or all necessary facilities to meeting health and safety requirements;
- Removal and replacement of existing safety barrier to permit access to works, including removal and reinstatement of posts, connections and associated works;
- Excavation and disposal of acceptable and unacceptable material, including hard material as required, of a total volume not exceeding 9m³ to expose existing concrete structure, including reinstatement following the investigatory works;
- Removal and reinstatement of waterproofing at the test locations;
- Undertaking cover survey, Chloride and Sulphate content tests and necessary analysis to determine extent of deterioration, including all necessary coring and concrete reinstatement works;
- Provision and installation of new filter drain in trench not exceeding 12m in length, including necessary excavation, reinstatement and necessary connections;
- Provision and installation four 100 mm internal diameter upvc service ducts not exceeding 12m in length, including excavation, reinstatement and necessary connections to existing ducts;
- Reinstatement of concrete paving flags including Type 1 subbase to an area not exceed 25m²;
- Reinstatement of a length of precast concrete kerb, not exceeding 12m in length, including concrete bedding and backing.

3 Road category on which the work is to be carried out

The works will take place on a dual three lane motorway.

4 Traffic Management

The traffic management layout to be utilised is closure of the hard shoulder and lane 1 of a 3-lane motorway.

5 Period within which the work is to be carried out

The works are to be carried out within Time Band 9.

6 Site Restrictions and Constraints

There are no identified site constraints or restrictions at the works location.

7 Indicative Programme

The works are to be completed within 2 weeks.