

Area 3 ASC

Renewal of Structures Scheme RS11D

Scheme Brief

AMENDMENT RECORD

Amend . No.	Issue Date	Amendments	Initials	Date
0	August 2012	First issue	SOS	21/8/12

1 Scheme Type

This scheme is a value band D (£1m to £5m) Renewal of Structures Scheme.

2 Scheme Description

The purpose of this scheme is to re-waterproof three existing bridges in order to protect the long term viability of the structures. All three structures are within a short distance and will be accessible within a single traffic management layout, although different traffic management phases will be required to undertake the works.

The works will include but are not limited to:

- Provision of temporary accommodation or all necessary facilities to meeting health and safety requirements;
- Provision of 1 light and 2 heavy vehicle recovery vehicles for the duration of the works;
- Provision of CCTV for the full extent of the site for the duration of the works;
- Provision of Temporary Automatic Speed Camera System for the Enforcement of Mandatory Speed Limits to the full extent of the site for the duration of the works;
- Provision of information boards;
- General site clearance;
- Renewal of existing chamber covers gully gratings as affected by the work, including resetting to resurfaced levels;
- Excavation and reinstatement of existing concrete verges to one of the bridges;
- Plane off existing surfacing (typically 150mm thick) and re-surface all three bridge decks, of total area no more than 3600m², including removal and reinstatement of bridge waterproofing to all three structures;
- Plane off and re-surface with thin surface course system, the carriageway between the bridges and on approach and departure, of a total area of no more than 40,000m²;
- Removal and reinstatement of buried and elastomeric bridge joints to all three structures;
- Reinstatement of linear road markings, bifurcation arrows, road studs and node markers as required.

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 phased hard shoulder and lane 1, and lane 2 and 3 closures.

5 Period within which the work is to be carried out

The works are to be carried out within Time Band 4.

6 Site Restrictions and Constraints

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

7 Indicative Programme and Season within which the work is to be carried out

The works are to be completed within 10 weeks.

The majority of the works are to be constructed outside of British Summer.