

Area 3 ASC

Renewal of Structures Scheme RS5B

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 B (£30k to £250k), Renewal of Structures Scheme.

2 Scheme Description

The scheme involves resurfacing and re-waterproofing of a bridge approximately 38m long and comprising of an 8.4m wide carriageway and 2.0m wide footways. The substandard parapets, safety fence and connectors are to be replaced with parapets that conform to current standards.

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 information boards;
- General site clearance;
- Replacement of the existing sub standard bridge parapets with new compliant parapet system including associated remedial works to plinth and string course;
- Removal and disposal of safety barrier adjacent to the bridge parapet, and replacement with new safety barrier designed to be impacted on one side only including all posts, foundations, connections to new parapets and terminals, over a length no greater than 120m;
- Planing of existing carriageway surfacing including removal of existing asphaltic plug joints, removal of existing pre-cast concrete kerbs, footway construction including associated fill, and existing bridge deck waterproofing;
- Provision and installation of new bridge deck waterproofing system;
- Reinstatement of flexible carriageway construction to the extents of the bridge and a minimum of 10m either side of the bridge;
- Reinstatement of stone paved footway construction including associated granular fill and bedding and surround to existing telecommunications ducts, precast concrete kerbs including concrete bedding and backing;
- Reinstatement of asphaltic plug joints;
- Reinstatement of carriageway centreline road markings following completion of resurfacing works.

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

The works will take place on a single carriageway $\leq 9\text{m}$ wide (urban – 40mph or less) road.

4 Traffic Management

The traffic management layout to be utilised is one lane closure of a 2-lane single carriageway road, with a similar layout required to the single carriageway road below as required.

5 Period within which the work is to be carried out

The works are to be carried out within Time Band 8.

6 Site Restrictions and Constraints

The following restrictions and constraints exist at the works location:

- BT ducts are present in the eastern footway;
- Vehicle and pedestrian routes are to be maintained through the works at all times.

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

The works are to be completed within 7 weeks.

The works are to be constructed during British Summer.