

# **Area 3 ASC**

## **Renewal of Structures Scheme RS6C**

### **Scheme Brief**

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**AMENDMENT RECORD**

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

## **1 Scheme Type**

This scheme is a value band C (£250k to £1m), Renewal of Structures Scheme.

## **2 Scheme Description**

The scheme is for the replacement of existing deformable steel road restraint systems with rigid barrier to protect the existing concrete piers in soft verges at two separate locations over a dual three lane motorway.

The works will include:

- Provision of temporary accommodation or all necessary facilities to meeting health and safety requirements;
- Provision of information boards;
- General site clearance of miscellaneous items within the existing verge including the removal of untensioned open box beam safety fence on steel posts;
- The construction of four new lengths of rigid barrier each less than 100m in length and of minimum containment class H1. At one bridge the new rigid barrier is to be connected to an existing barrier system. Works are to include all associated terminals, transitions, connections and associated works as required;
- Provision of hardened verge in front of the rigid barrier, of an area of no more than 500m<sup>2</sup> consisting of minimum 130mm bituminous construction and granular subbase;
- The provision of no more than 12 drainage gullies within the hardened verge including connections to the existing longitudinal verge drainage system;
- Replacement of existing drainage chambers affected by the works including connection to the existing longitudinal verge drainage system;
- Replacement of the edge road marking at the rear of the hard shoulder alongside the hardened verge;
- Relocation of two emergency telephones to a new position behind the rigid barrier and reconnection to the communications network;
- Replacing marker posts affected by the works;
- Making good the existing block paving beneath the bridges to the rear of the new rigid safety barrier.

## **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 the closure of hard shoulder and lane 1 to a 3-lane motorway on each carriageway at two separate locations.

#### **5 Period within which the work is to be carried out**

The works are to be carried out within Time Band 10.

#### **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 12 weeks.

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