

# **Area 9 ASC**

## **LNMS Scheme L9D**

### **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	June 2013	First Issue	SOS	27/6/13

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## 1 Scheme Type

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

## 2 Scheme Description

The purpose of this project is to widen two existing approaches to a major motorway junction. The scheme consists of localised widening and resurfacing, together with provision of new signs and road markings, street lighting, safety barrier, additional drainage, re-grading of an existing embankment and landscaping 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 information boards;
- General site clearance including demolition of a reinforced concrete retaining wall;
- Removal and disposal of no more than 2200m existing safety barrier both single and double sided, tensioned and un-tensioned, including all posts and foundations;
- Removal and disposal of no more than 20 existing lighting columns, including all foundations, lanterns and switch gear. All redundant cables are to be removed and abandoned ducts no longer required by the works to be grouted, of a length of no more than 280m;
- Removal to store off site approximately 26 existing traffic signs including posts and removal of foundations;
- Installation of new single and double sided safety barrier of total length no more than 2200m, including all necessary posts, foundations, terminals and connections to existing barrier;
- Provision and installation no more than 900m of narrow filter drain, including all necessary chambers, catchpits, connections and associated works;
- Renewal of drainage chamber and gully covers as required including adjustment to levels to suit new layout;
- All necessary earthworks to undertake the scheme, including:
  - excavation and disposal of no more than 4200m<sup>3</sup> of material of varying types, including up to 2400m<sup>3</sup> of hard material and isolation soft spots;
  - importing and laying of no more than 1550m<sup>3</sup> of acceptable material of various types, including all necessary compaction and completion of formation works;
- Provision and construction of no more than 210m<sup>3</sup> of gabion walling;

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- Construction of new a widened area of carriageway of total area no more than 3450 m<sup>2</sup>. New carriageway to be of bituminous construction no less than 330mm thick on granular sub-base. Works to include all necessary tie-in details to existing pavement, milling and sub-grade preparation.
  - Provision and installation of new kerbs and combined kerb drainage system as required to suit proposed levels and revised carriageway alignment;
  - Resurfacing of the existing carriageway with thin surface course system, of a total area of no more than 8300m<sup>2</sup> including all necessary planing and tie in works;
  - Provision and application of new high friction surfacing over a total area of no more than 3050m<sup>2</sup>;
  - Provision and installation of 22 new traffic signs of various sizes, all on new posts including foundations and all other necessary works;
  - Removal of all existing road markings in the vicinity of the scheme and installation of new road markings including longitudinal lines, hatching, symbols, letters and arrows;
  - Provision of new road studs where required within the extent of the works;
  - Installation of 80 new lighting columns, including cut off luminaires incorporating a 250w SON-T+ lamps and associated control gear foundations and all other associated works.
  - Installation of no more than 4850m of power cabling, to be installed in new duct network, including all necessary connections to existing, cable joints and terminations and the installation of no more than 55 new chambers;
  - Provision and installation of feeder pillars and earth electrodes as required to suit the proposed scheme;
  - Installation of access paths and steps to access infrastructure positioned remote from the carriageway;
  - Landscaping works comprising of topsoiling and seeding to an area of no more than 2900m<sup>2</sup>, including planting of approximately 20 new trees.

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

The works will take place on a dual two lane all-purpose dual carriageway (rural – greater than 40 mph) road.

### **4 Traffic Management**

The provision of traffic management is outside the scope of this scheme.

## **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**

The works are to be completed within 28 weeks.