

**National Asset Delivery
Technical Surveys and Testing**

**Site Information for
HE607428 - A1 NB/SB Newark to
Carlton on Trent – Pavement
Development**

1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

The following surveys are required:

- Slow speed GPR survey

The site is located on the A1 northbound and southbound carriageway between A1/A46 Newark on Trent to Carlton on Trent. It is to include slip roads and main Carriageway. The grid coordinates for the A1 northbound is OSGR E481247, N355975 to E479428, N364489. The grid coordinates for the A1 southbound is OSGR E479560, N364290 to E481438, N355774.

Please note this work is limited to chart sections 3000A1/146, 147, 148, 139 & 137. Refer to locations stated in HE607428-KIER-HPV-A1-ML-A-SH-CH-01 & HE607428-KIER-HPV-A1-ML-B-SH-CH-01 schedules and plans.

The areas requiring GPR survey are marked on the schedules and drawings within document HE607428-KIER-HPV-A1-ML-A-SH-CH-01 & HE607428-KIER-HPV-A1-ML-B-SH-CH-01 and are undertaken within the same areas as marked for the FWD survey.

All of the above are detailed in the following documents that are attached to this brief;

- '607428 - A1 NB SB Newark to Carlton on Trent Pavement - Buried Utility (GPR) – Scope'.

1.2 Pavement

- Carriageway construction is anticipated to be typical highway construction for trunk roads.

1.3 Drainage

- Verges and central islands may contain hidden filter drains, particularly to the A1 slip roads.
- Ground to the rear of the verges is potentially unstable with the slips and island being constructed largely on made up ground.

1.4 Geotechnical

- Works are confined to the carriageway

1.5 Soft Estate and Environment

- An Environmental Impact Assessment has been requested and will be available.

1.6 Traffic Signs, Road Markings

- Existing signs and road markings present within scheme extents

1.7 Lighting

- A street lighting network is partially present within work areas.

1.8 Structures and Buildings

The site has various over and under bridges.

1.9 Tunnels

NOT APPLICABLE

1.10 Technology

There are Matrix signs and numerous traffic counter loops present which have been indicated on the plans.

1.11 Statutory Undertakers

Identified plant within the survey area includes but is potentially not restricted to:

- Western Power Distribution
- Overhead/Underground Electricity Cables
- Cadent Gas
- Gas Mains
- Severn Trent Water
- Water Mains
- Foul Water Sewers
- BT Telecommunications
- Virgin Media
- Fibre Optic
- Network Rail
- Private Lighting
- Telecom Line
- City Fibre

Returned C2 enquiry plans will be made available.

1.12 Traffic

- Live carriageway will be controlled with Traffic Management during the course of the works.

For Information Only
Do not complete at this stage