

**National Asset Delivery  
Technical Surveys and Testing**

**Site Information for A42 J14 to M1  
Electrical Renewals**

## 1. Site boundary, extents and access arrangements

The scheme is located on the A42 and M1 in the vicinity of M1 junction 23A.

Site extents are as detailed on Drawing No: 605205-KIER-GEN-A42\_M1-DR-Z-0000\_01 Location Plan.

Survey works are to be carried out within verges, footways, atop and underneath overbridges adjacent the carriageway. Lane and Full closures on slip roads with appropriately signed diversion routes are required to carry out all survey works.

## 2. Pavement

Existing Pavement is not expected to be affected by the survey works, however the Topographical Survey will identify visible features within the site extents.

The site limits consist of Single and Dual Lane Slip roads, 2 Lane Dual Carriageway, 3/4 Lane Motorway, Roundabouts and adjacent footways.

### Topographical survey

Refer to 'Scope for A42 to M1 Electrical Renewals Topographical Survey' Document for further information.

Locations as detailed on Tech survey drawings HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

## 3. Drainage

Existing drainage is not expected to be affected by the survey works, however the Topographical Survey will identify visible features, gullies, access chambers etc within the site extents.

## 4. Geotechnical

Topographical survey is expected to record level changes within verges etc in order to inform proposed lighting design.

Locations as detailed on drawing Nos: HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

## 5. Soft Estate and Environment

Vegetation clearance is to be carried out in order to facilitate survey works.

Locations as detailed on drawing Nos: HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

## 6. Traffic Signs, Road Markings

Illuminated Traffic signs equipment is to be tested in accordance with the requirements of Electrical Survey

Locations as detailed on drawing Nos: HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

Road marking will be unaffected by the scheme

## 7. Lighting

### Column Testing

Refer to 'Works Information for A42 to M1 Electrical Renewals Column Testing Survey' Document for further information / requirements.

Locations as detailed on drawing Nos: HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

### Duct Proving

Refer to 'Works Information for A42 to M1 Electrical Renewals Underground Duct Proving Survey' Document for further information / requirements.

Locations as detailed on drawing Nos: HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

### Electrical Survey

Refer to 'Works Information for A42 to M1 Electrical Renewals Electrical Testing Survey' Document for further information / requirements.

Locations as detailed on drawing Nos: HE605205-KIER-VGN-A42\_M1-DR-CH-0100-01 to HE605205-KIER-VGN-A42\_M1-DR-CH-0100-15

## 8. Structures and Buildings

Existing structures is not expected to be affected by the survey works, however the Topographical Survey will identify visible features within the site extents along with electrical testing of items attached to the structures

Refer to 'Works Information for A42 to M1 Electrical Renewals Column Testing Survey' and 'Works Information for A42 to M1 Electrical Renewals Electrical Testing Survey' Documents for further information / requirements

## 9. Technology

NRTS Technology Contractor 'Telent' to be consulted prior to excavation works 'ES1' proforma to be completed and works coordinated with Telent personnel, Drawings on file.

## 10. Statutory Undertakers

### GPR Surveys

Refer to 'Works Information for A42 to M1 Electrical Renewals GPR Survey'  
Document for further information / requirements.

Statutory Undertakers Drawing Nos: HE605205-KIER-VUT-A42\_M1-DR-EO-2700-01  
to HE605205-KIER-VUT-A42\_M1-DR-EO-2700-07 on File.

## 11. Traffic

Provisional NOMS booking form and Local Authority (Leicestershire County Council)  
form completed, preliminary TTRO application created. Dates applied for are  
06/09/21 for 13 shifts

Proposed Diversion route drawing Nos: HE605205-KIER-TTM-A42\_M1-DR-Z-0100-  
01 to HE605205-KIER-TTM-A42\_M1-DR-Z-0100-04 on file.