

**National Asset Delivery
Technical Surveys and Testing**

Site Information for

**601947 - M5 J20 SB Entry Slip MP155/7
Geotech**

**Technical Survey
(Topographical and utility survey)**

1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

The proposed scheme is located on the M5 east of Clevedon and to the west of Bristol at marker post 155/7. The scheme surveys will be undertaken on the M5 J20 Southbound Entry Slip. The total scheme extent is approximately 602m in length. Ordnance Survey grid references are 341811, 170571 to 341783, 170539 and includes the following HAPMS section:

- 0100M5/260

See Figure 1 below:



Figure 1. Survey extents

The site, as indicated in Figure 1 is on the M5 East of Clevedon and North of the village Kenn.

Further details can be seen on the accompanying drawing:

HE601947-KIER-VTO-M5_J20_M-DR-CH-0700_01

NB: Vegetation clearance required on the nearside verge and embankment to provide access for the TOPO survey crews

1.2 Pavement

TOPO and utility surveys will cover the full width of the existing pavement construction where the extents of the surveys are required. No excavation works or other intrusive works are anticipated in these areas and pavements will not be affected by this survey.

1.3 Drainage

Existing drainage primarily consists of gullies, carrier pipes, filter drains and manholes mainly in the soft verge.

1.4 Geotechnical

TOPO and utility survey extents will include the nearside embankment adjacent to the carriageway, but this survey will be non-intrusive. Will have no effects on existing site conditions.

1.5 Soft Estate and Environment

Catchpits and manholes are within the soft verge, however the survey works proposed are non-intrusive so these elements will remain unaffected.

1.6 Traffic Signs, Road Markings

There is a limited amount of street furniture within the scheme extents. As works are non-intrusive no existing traffic signs or road markings will be affected.

1.7 Lighting

There is no street lighting within the extents of the scheme.

1.8 Structures and Buildings

Nearest agricultural buildings are approx. 50m away from site. No structures will be affected by the works.

1.9 Tunnels - **NOT USED**

1.10 Technology

Technology assets within the extents include traffic counter and detector loop with comms cabinet adjacent within soft verge. TOPO Survey is non-intrusive and will therefore have no effect on existing assets.

1.11 Statutory Undertakers

The C2 stat plans have been obtained and reviewed. They are enclosed in this document. As mentioned in section 1.2, no excavation is anticipated with the TOPO survey.

Existing stats have been indicated on the plans. All Works are non-intrusive and will therefore have no effect on the existing STATS. No overhead statutory undertakers' apparatus has been identified within the scheme extents.

1.12 Traffic

The Average annual daily traffic (AADT) for all Motor Vehicles 118,292 (9,524 HGV's) (source DTF Road Traffic Statistics 2018).