

**National Asset Delivery
Technical Surveys and Testing**

**Site Information for HE601947
M5 J20 SB Entry Slip MP155/7 Geotech
Technical Survey
(Ground Penetrating Radar: GPR)**

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.

1.2 Pavement

Ground Penetrating Radar (GPR) Surveys will cover the full width of pavement construction to a minimum depth of 2m. No excavation or other works are anticipated in these areas and existing pavements will not be affected by the survey activities, as these are non-intrusive.

1.3 Drainage

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

1.4 Geotechnical

GPR Survey works will only be undertaken within area of pavement construction. No works will be undertaken within the soft verge or embankments and will therefore have no effect to existing conditions.

1.5 Soft Estate and Environment

The catchpits and manholes are within the soft verge, however there is no requirement to access this area.

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. GPR 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 GPR survey.

The Surveying Contractor is responsible for ensuring a safe survey is undertaken and ensuring no damage to existing services. The Surveying Contractor is also responsible for ensuring any damage is reported to the Client through adequate channels in a timely manner and the owner of the asset, including suitable like for like repairs where needed.

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).

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE