

**Area South West
Technical Surveys**

Site Information for

**569906 - M5 J18-19 SB - Feasibility
Technical Survey
(CCTV Survey)**

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

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1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

The scheme is located on the M5 between Junction 18 (Pill) and Portbury. Total distance of approximately 1.715 km (between marker post 143/8 and 145/5).

OSGR (351705, 176477) to (350297, 175560)

See Figure 1:

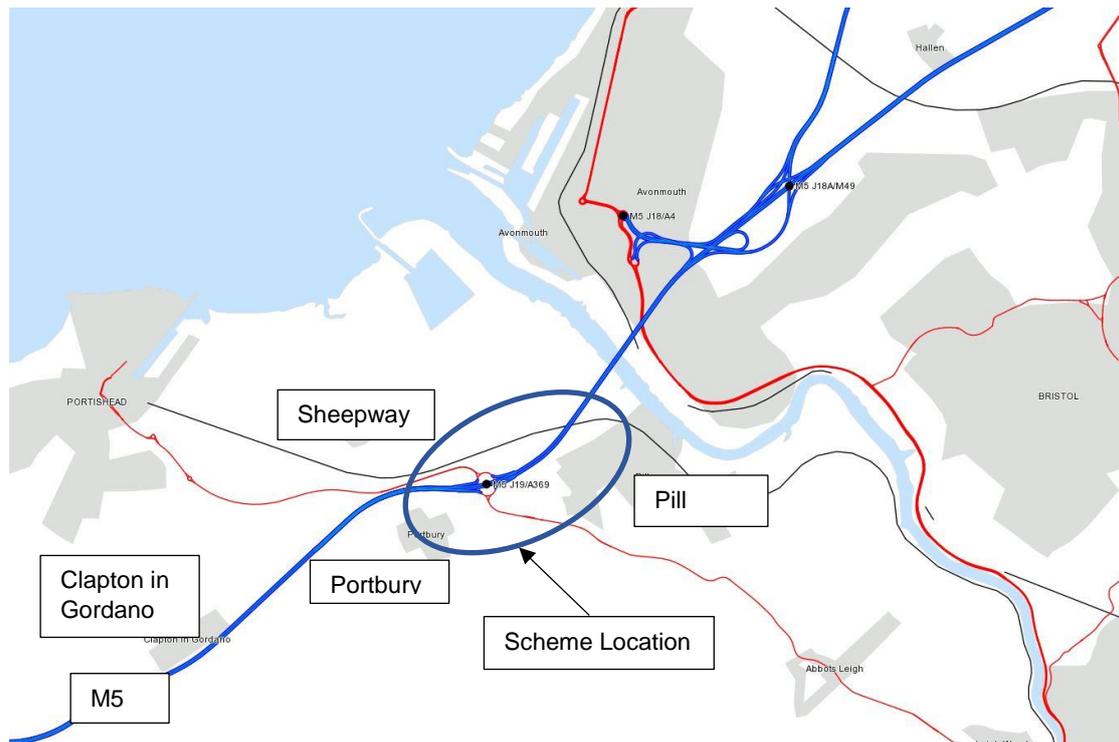


Figure 1: Location Plan

The site, as indicated in Figure 1, is along the M5 J18-19. The extents of the works are from MP143/8 to MP145/5.

Further details can be seen on the accompanying drawings:

| Drawing Number | Title | Rev. | Date |
|--|------------------------------------|------|------------|
| HE569906-KIER-HDG-M5_J18_J19-DR-CD-000_01 | Location Plan | C 1 | March 2019 |
| HE569906-KIER-HDG-M5_J18_J19-DR-CD-0100_01 | Topographical Survey Location Plan | C 1 | March 2019 |

1.2 Pavement

The CCTV survey will be carried out within the soft verge, hard shoulder, central reserve and carriageway. No excavation is anticipated in these areas.

1.3 Drainage

A CCTV survey is expected to be undertaken by the contractor. Drainage primarily consists of gullies, carrier pipes, channels, catchpits, filter drains and manholes mainly in the soft verge, hard shoulder and central reserve.

1.4 Geotechnical – Not used

1.5 Soft Estate and Environment

The catchpits and manholes are within the soft verge, hard shoulder, and central reservation in both directions and some pipes crossing the motorway.

1.6 Traffic Signs, Road Markings

The M5 Motorway has traffic signs and road markings.

The M5 has street lighting typical of a motorway environment.

1.7 Structures and Buildings

The village of Pill is located close to the northbound end of the scheme location and the village of Portbury located close to the southbound end of the scheme location.

1.8 Tunnels – Not used

1.9 Technology

Typical technology assets associated with street lighting, traffic counting and CCTV cameras are anticipated.

1.10 Statutory Undertakers

The C2 stats have been obtained and enclosed with this document. As mentioned in section 1.2, no excavation is anticipated with the CCTV survey, however if any excavation is required, the Contractor is to identify existing services using stats and other techniques before digging. This location should be considered high risk for services due to the volume of services in this area.

The Contractor is responsible for ensuring a safe survey is undertaken and ensuring no damage to existing services. The Contractor is also responsible for ensuring any damage is reported to the Client and the owner of the asset, including suitable repairs where needed.

Existing stats have been indicated on the plans.

1.11 Traffic

Traffic Count was AADF 83,861 (Northbound and Southbound) for all vehicles in 2018.