

**National Asset Delivery
Technical Surveys and Testing**

**Site Information for 570122
M4 J19-18 EB MP 181.1 – 177.8 RS
Pavement Survey**

1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

The survey is to be undertaken on the M4 Junction 19 – Junction 18 Eastbound MP 181/1 – 177/8. It includes three-lanes of a motorway. All works are within Highways England's Boundary. Access to the site will be via the Temporary Traffic Management (TTM). The location plan is shown on Figure 1.

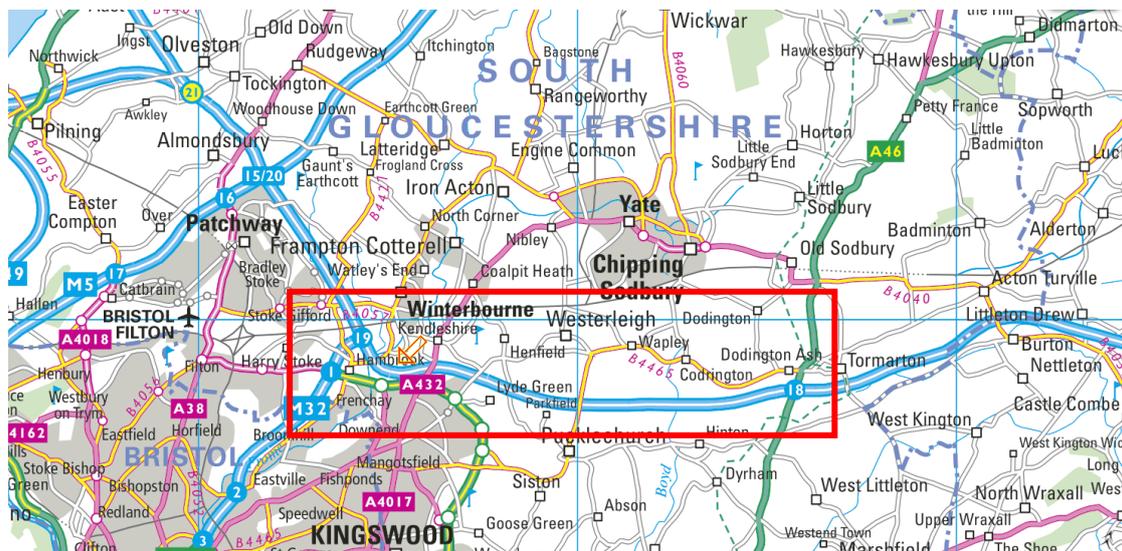


Figure 1: Location Plan

The road is subject to the minor fretting, patching, rutting, potholes, plug joints, construction joints and open joints. Longitudinal and transverse cracks have also been identified. Within the scheme extents, there are ten following list of structures as stated below:

1. 15439 – Hambrook Viaduct East Bound (Highway Underbridge);
2. 1165 – Hambrook Viaduct West Bound (Highway Underbridge);
3. 1164 – Bromley Heath Underbridge (Highway Underbridge);
4. 16036 – Church Lane Culvert B (Not a Bridge);
5. 13906 – Church Lane Culvert A (Not a Bridge);
6. 1163 – Church Lane (Highway Overbridge);
7. 1162 – Wick Wick (Highway Overbridge);
8. 12775 – Wick Wick Culvert (Large Culvert)
9. 1161 – Folly Lane Overbridge (Highway Overbridge);
10. 12767 – Folly Lane Culvert (Not a Bridge).

For further details, please refer to Scheme Drawings – '181 – M4 J19-18 EB 181.1 – 177.8 Defect & Treatment Plan'.

1.2 Pavement

This scheme, M4 J19-18 EB MP 181.1 – 177.8 Pavement consists of both: Hot Rolled Asphalt (HRA) and Thin Surface Course System (TSCS) laid back in 1966 and since 2010 respectively.

1.3 Drainage

There are Highway Drainage Systems present within the scheme extents. For further details, please refer to STATS Drawings attached with Pre-Construction Information Pack (PCIP).

Pre-survey STATS check shall be undertaken prior to Coring. However, it is anticipated that the survey work will not interface with any drainage apparatus.

1.4 Geotechnical

N/A

1.5 Soft Estate and Environment

N/A

1.6 Traffic Signs, Road Markings

N/A.

1.7 Lighting

N/A

1.8 Structures and Buildings

There are structures within the proposed survey works.

1.9 Tunnels

N/A

1.10 Technology

N/A

1.11 Statutory Undertakers

There are Statutory Undertakers within the scheme extents. For further details, please refer to STATS Drawings attached with Pre-Construction Information Pack (PCIP).

1.12 Traffic

According to WebTRIS 2019 – 2020, this section of the motorway has typical 24hr AADT of between 48,108 – 48,452 and 11.6% – 13.5% of HGV.

In order to provide a safe working area, Temporary Traffic Management (TTM) will be provided by the Employer through the Construction Works Framework.