

National Asset Delivery Technical Surveys and Testing

Site Information for 566149 A36 Wilton Skew Bridge GPR survey

1 SITE INFORMATION

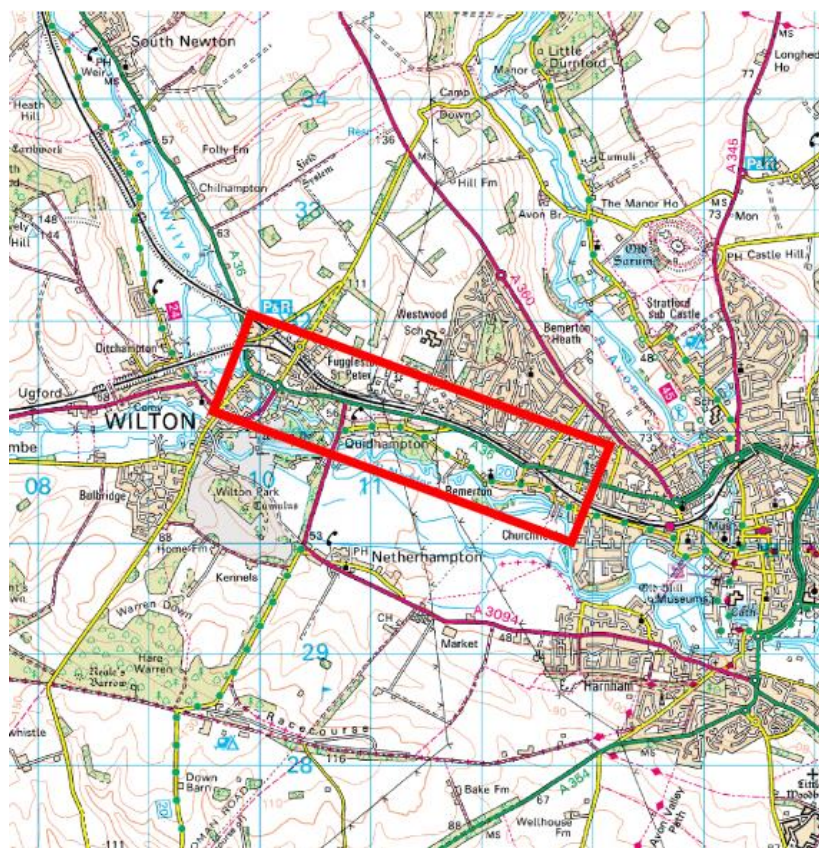
1.1 Site boundary, extents and access arrangements

This site is on the A36 in Wilton and Salisbury between MP 58.8 and 61.7 in Wiltshire. The road forms the primary route from the port of Southampton to the cities of Bath and Bristol, and also carries the A30 Principal Route throughout the site.

The Ordnance Survey coordinates for the scheme are:

E 409885 N 131745 to E 412430 N 130695

The scheme extents are shown below. For a Site Location Plan refer to Drawing HE566149-KIER-HDG-A36_59.1_61.7_Z-DE-CH-0000-01.



1.2 Pavement

Made up carriageway construction on A36 main carriageway.

1.3 Drainage

The surface water runoff is collected via kerb and gully arrangement.

A design check has established that there are insufficient gullies to meet current standards. Observation recorded on video, and LiDAR topographical data indicate that the local road geometry leads to standing water in some locations.

In Wilton there are locations where roof rainwater down pipes discharge across the footway. At some properties the threshold level is very close to the road surface

level, but there is a fall from door to road channel. Footway dropped accesses have been constructed to allow near level access at these locations.

There is evidence of regular occurrences of standing water within the scheme extents. Drainage investigations show that the old drainage system is in poor condition and CCTV surveys carried out has also identified defects and blockages in the existing pipe work.

Several drainage runs terminate on third party land.

1.4 Geotechnical

Unknown.

1.5 Soft Estate and Environment

Rural / residential. Works located in carriageway and footways.

Access will not be required to known third party land for this survey.

1.6 Traffic Signs, Road Markings

Traffic signs present within grass verges and adjacent pavements.

1.7 Lighting

Street Lighting present throughout scheme extents.

1.8 Structures and Buildings

TBC by Structures Team

1.9 Tunnels

N/A

1.10 Technology

The following loops are located within the scheme extents:

- TAME 0038 – Located at MP 58.9
- TMU 5590 – Located at MP 59.6
- TMU 5589 – Located at MP 61.6 +45m
- Traffic Signals 2015J – Loops located on all approaches – MP 59.9 and MP 60.0

1.11 Statutory Undertakers

For location of existing services please refer to scheme drawings HE566149-KIER-HDG-A36_59.1-61.7-Z-DE-CD-0000-02-06 and enclosed Statutory Undertakers C2 returns.

Please note, O/H cables run across and adjacent to the site. All overhead power lines have been identified on the scheme drawings, however information regarding safe working heights in accordance with GS6 have not been indicated. Prior to the commencement of works on site, Overhead Power line heights to be confirmed and recorded by way of signature and date by a trained and competent person.

1.12 Traffic

The adjacent live carriageway consists of single carriageway along with a layby.

Survey works to be undertaken using suitable traffic management arrangements. Traffic Management arrangements to be confirmed by CWF Contractor and agreed with Highways England.

Traffic Flow Figures:

A36 southbound between A30 (west) and A3094

Northbound - AADT = 12,776 vehicles / HGV % = 6.7%

Southbound - AADT = 13,108 vehicles / HGV % = 6.5%

A36 southbound between A3094 and A360

Northbound - AADT = 8,321 vehicles / HGV % = 6.2%

Southbound - AADT = 8,719 vehicles / HGV % = 6.1%