

**National Asset Delivery
Technical Surveys and Testing**

**Site Information for HE566457
A303 Mere MP 167.0-170.0 Culvert
Flood Hotspot
Technical Survey
(Trial Hole Survey)**

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1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

The proposed scheme (study area), as shown in Figure 1, is located on the A303 in Wiltshire to the west of Salisbury between the villages of: Zeals (West) and Burton (East) and includes both the eastbound and westbound carriageways. The total scheme extent is approximately 3.0km in length between Marker Posts: MP167.0 and MP170.0.

Ordnance Survey Grid References (OSGR) are as follows:

(E: 382410, N: 132895) (MP 167/0) to (E: 379468, N: 132390) (MP 170/0)

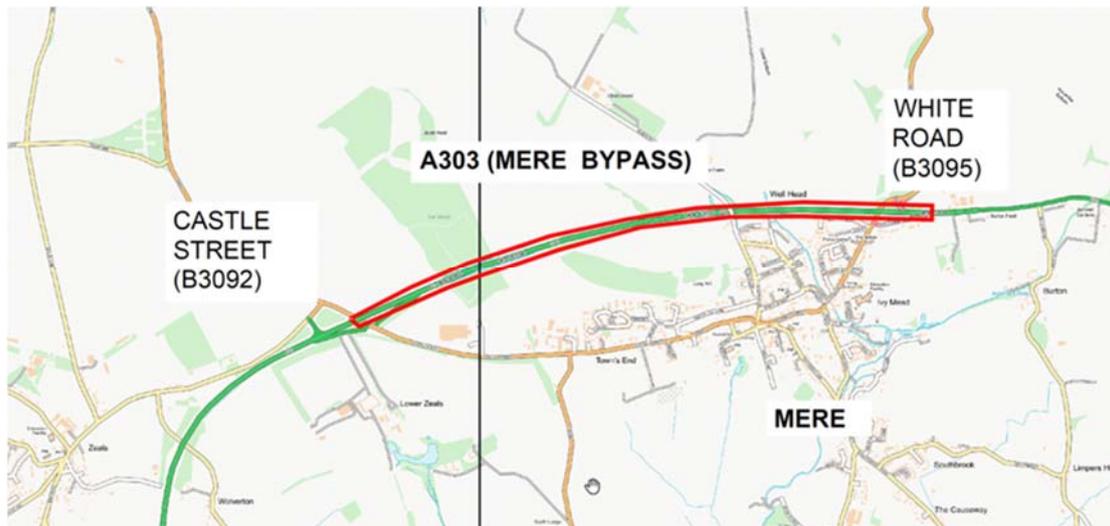


Figure 1: Location Plan

Location plan and scheme extents and locations of proposed trial holes are shown on the accompanying drawings: [Note: (SS) after drawing number/reference denotes that drawing revision has been superseded by a newer revision]

Drawing Number	Title	Rev.	Date
HE566457-KIER-GEN-A303-DR-CD-0100_01 (SS)	Location Plan and Extent of Works	P1	28/07/2019
HE566457-KIER-VUT-A303-DR-CD-0100_01 (SS)	Trial Hole Location Plan (Sheet 1 of 5)	P1	24/01/2020
HE566457-KIER-VUT-A303-DR-CD-0100_02 (SS)	Trial Hole Location Plan (Sheet 2 of 5)	P1	24/01/2020
HE566457-KIER-VUT-A303-DR-CD-0100_03 (SS)	Trial Hole Location Plan (Sheet 3 of 5)	P1	24/01/2020
HE566457-KIER-VUT-A303-DR-CD-0100_04 (SS)	Trial Hole Location Plan (Sheet 4 of 5)	P1	24/01/2020
HE566457-KIER-VUT-A303-DR-CD-0100_05 (SS)	Trial Hole Location Plan (Sheet 5 of 5)	P1	24/01/2020

Drawing Number	Title	Rev.	Date
HE56457-KIER-HGN-A303_MP167.0_170.0-DR-CD-0000-01	Location Plan and Scheme Extents (Sheet 1 of 1)	C1	29/05/2020
HE566457-KIER-VUT-A303_MP167.0_170.0-DR-CD-0100_01	Trial Hole Location Plan (Sheet 1 of 5)	C1	29/05/2020
HE566457-KIER-VUT-A303_MP167.0_170.0-DR-CD-0100_02	Trial Hole Location Plan (Sheet 2 of 5)	C1	29/05/2020
HE566457-KIER-VUT-A303_MP167.0_170.0-DR-CD-0100_03	Trial Hole Location Plan (Sheet 3 of 5)	C1	29/05/2020
HE566457-KIER-VUT-A303_MP167.0_170.0-DR-CD-0100_04	Trial Hole Location Plan (Sheet 4 of 5)	C1	29/05/2020
HE566457-KIER-VUT-A303_MP167.0_170.0-DR-CD-0100_05	Trial Hole Location Plan (Sheet 5 of 5)	C1	29/05/2020

1.2 Pavement

Trial holes will be located within the limits of soft verges and soft central reserve adjacent to the carriageway in both directions. No excavations are anticipated within the footprint of the carriageway pavement areas.

1.3 Drainage

Existing drainage apparatus comprises predominantly gullies, carrier / filter pipes, catchpits / manholes, mainly in the verges and central reserve adjacent to the carriageway in both directions. Trial holes are expected to be undertaken within the soft verge and soft central reserve above the existing and/or suspected drainage pipes.

1.4 Geotechnical – Not Used

1.5 Soft Estate and Environment

Trial holes will be located within the limits of soft estate (soft verges and soft central reserve) adjacent to the carriageway in both directions.

Vegetation clearance works are required to be undertaken under supervision of an ecologist prior to trial hole works to allow access to proposed trial hole working areas. The extent of vegetation clearance works has been shown on drawings: HE566457-KIER-HSC-A303_MP167.0_170.0-DR-CD-0200_01-05 C1. These drawings are superseding previously issued revision P1 drawings.

1.6 Traffic Signs and Road Markings

Traffic signs and road markings are present within the scheme extents. These should not be affected by the trial hole works. Existing traffic signs have been shown on Trial Hole Location Plans for further reference and for avoidance of any collisions with proposed trial hole excavation works.

1.7 Lighting

No road lighting is present within the scheme extents.

1.8 Structures and Buildings (Including Vehicle Restraint Systems – VRS)

The following structures are located within the scheme extents. These have been indicated on Trial Hole Location Plans:

- B3092 Underbridge (Structure Key: 19694, Critical Headroom: 5.77m, MP170.0)
- Existing Overbridge (Ref: 7050 Structure Key Unknown, MP169.1)
- Manor Road Overbridge (Structure Key: 6220, Critical Headroom: 6.18m, MP168.3)
- B3095 Underbridge (Structure Key Unknown, MP167.6)

A number of residential and farm buildings are present within the scheme extents. It is not anticipated that these will be affected by the proposed works; however, care, attention and general precautions are required to avoid any unnecessary disturbance to the adjacent building and structures.

In addition to buildings and structures, Vehicle Restraint Systems (VRS) are present within the scheme limits and are located in the existing mainline verges and in the central reserve. The extent of existing VRS has been shown on Trial Hole Location Plans for further reference and for avoidance of any collisions with proposed trial hole excavation works.

1.9 Tunnels – Not Used

1.10 Technology

Existing Radar/CCTV masts, traffic counting loops, CCTV/traffic monitoring cameras and cabinets are present within the scheme extents. The approximate locations of these assets have been indicated on Trial Hole Location Plans. It is not envisaged that

the technology infrastructure will be affected by the proposed Trial Hole Survey Works; however precautionary measures outlined in paragraph 1.11 need to be adhered to.

1.11 Statutory Undertakers

The Existing C2 Statutory Undertakers' / Utilities' Apparatus (STATS) Plans have been obtained from the Kier PROVE IT data base and are enclosed with this document as part of the entire Survey Information Pack (SIP) for this scheme.

The Contractor shall identify and locate existing services in accordance with HSG47 (Third Edition) 2014 and other relevant documentation i.e. Permit to Dig.

For works proposed in the vicinity of all utilities' apparatus, the Contractor shall obtain all necessary permits / permissions prior to commencing works.

The Contractor shall take reasonable care whilst undertaking site works to ensure that the adjacent existing infrastructure including, but not limited to: technology assets (loops, CCTV masts, power / communication cabinets etc.), drainage apparatus and structures, is not damaged or altered by proposed works.

The Contractor is also responsible for ensuring that any damages are reported to the Client and the owner of the asset, including suitable repairs if/where required.

Existing STATS have been indicated on the Trial Hole Location Plans.

For a full list of Statutory Undertaker Drawings (Scheme-wide C2 STATS Service Location Plans – pdf format and STATS CAD Drawings – dwg format) and other parts of the full package of STATS information obtained from the Kier PROVE IT data base containing safety critical information in relation to works in vicinity of STATS, please refer to the Pre-Construction Information Pack: HE566457_A303 Mere_Trial Holes_PCIP_Rev1, Appendix B and all other relevant files within the STATS Information Folder provided as part of the Survey Information Packs (SIP) for this scheme.

1.12 Traffic

The Average Annual Daily Traffic (AADT) 2018 for A303 Eastbound is 9240 with 13.9% made up of commercial vehicles and for the Westbound 11005 with 12.5% of commercial vehicles.