

**National Asset Delivery  
Technical Surveys and Testing**

**Site Information for**

**566457 - A303 Mere MP 167.0-170.0**

**Culvert Flood Hotspot**

**Technical Survey**

**(Drainage CCTV Survey)**

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FOR INFORMATION ONLY  
DO NOT COMPLETE AT THIS STAGE

## 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)

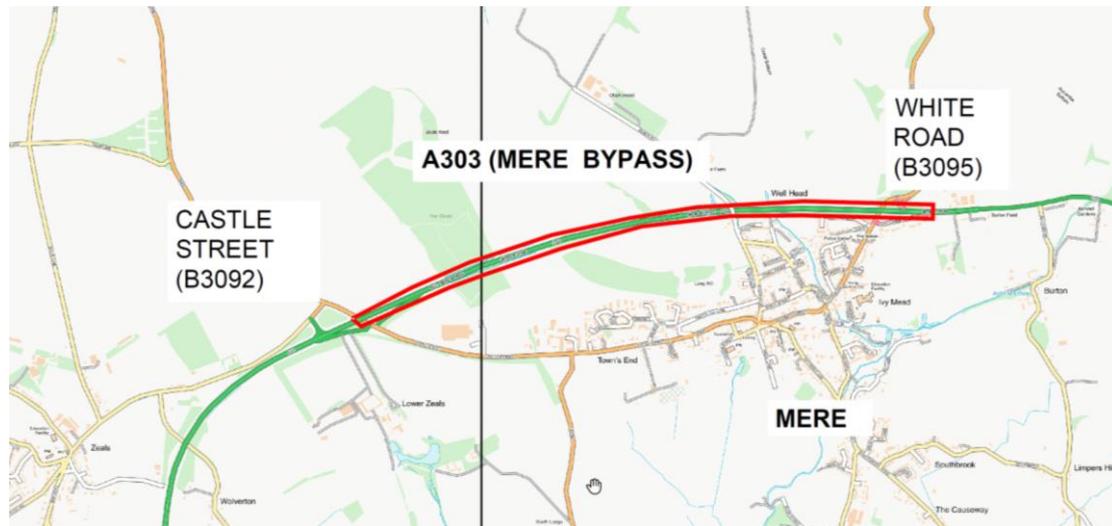


Figure 1: Location Plan

Location plan and scheme extents and locations of proposed asbestos surveys 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shown on the accompanying drawings: [Note: (SS) after drawing number/reference denotes that drawing revision has been superseded by a newer revision].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-VDS-A303-DR-CD-0500_08 (SS)	Drainage CCTV Survey Extents (Sheet 1 of 3)	P1	08/2019
HE566457-KIER-VDS-A303-DR-CD-0500_09 (SS)	Drainage CCTV Survey Extents (Sheet 2 of 3)	P1	08/2019
HE566457-KIER-VDS-A303-DR-CD-0500_10 (SS)	Drainage CCTV Survey Extents (Sheet 3 of 3)	P1	08/2019

Drawing Number	Title	Rev.	Date
HE566457-KIER-HGN-A303_MP167.0_170.0-DR-CD-0000_01	Location Plan and Scheme Extents (Sheet 1 of 1)	C1	29/05/2020

Drawing Number	Title	Rev.	Date
HE566457-KIER-VDS-A303_MP167.0_170.0-DR-CD-0100_01	Drainage CCTV Survey Extents (Sheet 1 of 5)	C1	09/06/2020
HE566457-KIER-VDS-A303_MP167.0_170.0-DR-CD-0100_02	Drainage CCTV Survey Extents (Sheet 2 of 5)	C1	09/06/2020
HE566457-KIER-VDS-A303_MP167.0_170.0-DR-CD-0100_03	Drainage CCTV Survey Extents (Sheet 3 of 5)	C1	09/06/2020
HE566457-KIER-VDS-A303_MP167.0_170.0-DR-CD-0100_04	Drainage CCTV Survey Extents (Sheet 4 of 5)	C1	09/06/2020
HE566457-KIER-VDS-A303_MP167.0_170.0-DR-CD-0100_05	Drainage CCTV Survey Extents (Sheet 5 of 5)	C1	09/06/2020

## 1.2 Pavement

The Drainage CCTV survey will be carried out within the limits of soft verges and soft central reserve adjacent to the A303 mainline carriageways (eastbound and westbound) with inclusion of drainage elements located within the carriageway limits e.g. gullies (including recessed gullies and grip inlets) and manholes / catchpits. No excavations or any other intrusive works are anticipated within the footprint of the carriageway pavement areas; hence these will not be affected by his survey.

## 1.3 Drainage

Existing drainage apparatus comprises predominantly gullies (including recessed gullies and kerb inlets), carrier / filter pipes, channels, catchpits / manholes, mainly in the verges and central reserve adjacent to A303 mainline carriageway (eastbound and westbound). The Drainage CCTV survey has been specified to include the entire drainage apparatus/network within the outlined extent targeting all areas where existing drainage is present.

## 1.4 Geotechnical – Not Used

## 1.5 Soft Estate and Environment

A part of Drainage CCTV Survey is covering drainage apparatus located within the areas of soft estate (soft verges and soft central reserve) adjacent to the A303 mainline carriageway in both directions.

Vegetation clearance works are required to be undertaken under supervision of an ecologist prior to drainage survey to allow access to all existing drainage assets

within the specified footprint. 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, Road Markings

Traffic signs and road markings are present within the scheme extents. These should not be affected by the Drainage CCTV Survey works.

## 1.7 Road Lighting

No road lighting is present within the site limits.

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

The following structures are located in the vicinity of the proposed works:

- 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 buildings 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. Due to the nature of Drainage CCTV Survey Works, it is not anticipated that the VRS will be affected by the proposed survey 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. It is not envisaged that the

technology infrastructure will be affected by the proposed Asbestos Surveys; however precautionary measures outlined in paragraph 1.11 need to be adhered to.

### **1.11 Statutory Undertakers' / Utilities' Apparatus**

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

No excavations are anticipated as part of proposed works and pipes are envisaged to be accessed for inspection and testing via catchpits, manholes and gullies.

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

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.

Due to non-intrusive nature of this survey, existing STATS have not been indicated on Drainage Survey Extent Drawings, however the complete and updated C2 STATS Package has been compiled for all intrusive and non-intrusive works and will be enclosed as part of the entire Survey Information Pack (SIP) for this scheme.

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\_Drainage CCTV\_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) in 2018 for M5 Southbound within J13 is 35492, with 15.7% made up of commercial vehicles.

The Average Annual Daily Traffic (AADT) in 2018 for M5 J13 Southbound Diverge (Exit) Slip Road is 7825, with 8.8% made up of commercial vehicles.

The Average Annual Daily Traffic (AADT) in 2014 for M5 Northbound within J13, Diverge (Exit) Slip Road is 33225, with 17.4% made up of commercial vehicles.

The Average Annual Daily Traffic (AADT) in 2017 for M5 J13 Northbound Diverge (Exit) Slip Road is 2653, with 32.1% made up of commercial vehicles.