

# **Highways England**

## **Technical Surveys and Testing Engineering and Construction Short Contract**

### **569189 - A36 Salisbury BD MP63.1-64.4 Resurfacing**

#### **Site Information**

## 1 SITE INFORMATION

### 1.1 Site boundary, extents and access arrangements

This scheme is located on the A36 route through the middle of Salisbury.



Figure 1 – Scheme Location Plan

The locations of the affected ironwork are detailed on scheme drawings listed in the table below:

Drawing No	Drawing Title	Revision / Date
HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CD-0500-01	Drainage Survey (Sheet 1 of 3)	C2 / March 2020
HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CD-0500-02	Drainage Survey (Sheet 2 of 3)	C2 / March 2020
HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CD-0500-03	Drainage Survey (Sheet 2 of 3)	C2 / March 2020

### 1.2 Pavement

Made up carriageway construction in both directions on the A36.

### 1.3 Drainage

For full details of the survey requirements, please refer to 'Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers', Document No: HE569189-KIER-HPV-A36\_63.1\_64.4\_A\_B-SU-CH-0000-08

**Schedule of affected ironwork chambers to survey are detailed identified within the table below. (Please note, chainages are associated with section node references that are identified on scheme survey drawings)**

Ref	Location	Chainage	Approx. Size (mm)	Depth (mm)	Survey Comments
G1	St Paul's RAB to Castle RAB	Ch.12m	450x450	Unknown	Please refer to 'Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers', Document No: HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CH-0000-08
MH1	St Paul's RAB to Castle RAB	Ch.41m	600x600	Unknown	
MH2	St Paul's RAB to Castle RAB	Ch.43m	600x600	Unknown	
MH3	St Paul's RAB to Castle RAB	Ch.88m	600x600	Unknown	
MH4	St Paul's RAB to Castle RAB	Ch.92m	600x600	Unknown	
MH6	St Paul's RAB to Castle RAB	Ch.280m	600x600	Unknown	
MH8	St Paul's RAB to Castle RAB	Ch.386m	600x600	Unknown	
G2	Castle RAB to St Paul's RAB	Ch.6m	450x450	Unknown	
MH10	Castle RAB to St Paul's RAB	Ch.48m	600x600	Unknown	
MH12	Castle RAB to St Mark's RAB	Ch.483m	600x600	Unknown	
G3	Castle RAB to St Mark's RAB	Ch.492m	450x450	Unknown	
G4	St Mark's RAB to Castle RAB	Ch.0m	450x450	Unknown	
G5	St Mark's RAB to Castle RAB	Ch.30m	450x450	Unknown	
MH13	St Mark's RAB to Castle RAB	Ch.71m	600x600	Unknown	
MH15	St Mark's RAB to Castle RAB	Ch.264m	600x600	Unknown	
MH16	St Mark's RAB to Castle RAB	Ch.280m	600x600	Unknown	
MH18	St Mark's RAB to Castle RAB	Ch.588m	600x600	Unknown	
MH5	St Paul's RAB to Castle RAB	Ch.123m	600x600	Unknown	
MH7	St Paul's RAB to Castle RAB	Ch.353m	600x600	Unknown	
MH9	St Paul's RAB to Castle RAB	Ch.474m	600x600	Unknown	
MH11	Castle RAB to St Paul's RAB	Ch.156m	600x600	Unknown	

Ref	Location	Chainage	Approx. Size (mm)	Depth (mm)	Survey Comments
MH14	St Mark's RAB to Castle RAB	Ch.140m	600x600	Unknown	
MH17	St Mark's RAB to Castle RAB	Ch.405m	600x600	Unknown	

#### 1.4 Geotechnical

Not affected by the survey works.

#### 1.5 Soft Estate and Environment

Urban / Residential.

Noise – The Contractor shall comply with the requirements of BS 5228 Parts 1, 2 & 4 (Noise in Relation to Construction). The Contractor shall ensure that the best practicable means of minimising noise are employed throughout the proposed works ensuring the quietest methods of working are used.

Vibration – The Contractor shall ensure that the peak particle velocity and frequency generated from any operation during the associated works does not present risk of damage to any structure.

#### 1.6 Traffic Signs, Road Markings

Traffic signs and road markings are present within the scheme extents. However, these are not affected by the survey works.

#### 1.7 Lighting

Lighting columns are present within the scheme extents. However, these are not affected by the survey works.

## 1.8 Structures and Buildings

Details of all structures within the scheme extents can be found in the table below:

Road	OS Grid Ref	Mp	HE Structure Key	Name	Structure Type	Comments
A36	415020 / 130550	64.5+70	9553	St Marks Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	415040 / 130560	64.5+50	9552	Bourne Avenue Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	415020 / 130570	64.5+50	9554	St Marks Avenue Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	414750 / 130750	64.2+35	9531	Wyndham Road Footbridge	Bridge & Large Culvert	Not affected by the survey works. Minimum Head Room is 4.98m.
A36	414560 / 130830	64.0+50	9555	Churchill Way North Railway	Bridge & Large Culvert	Not affected by the survey works.
A36	414460 / 130830	63.9+20	9556	Victoria Road Footbridge	Bridge & Large Culvert	Not affected by the survey works. Minimum Head Room is 5.02m.
A36	414220 / 130750	63.6+80	9530	Castle Street Subway	Bridge & Large Culvert	Not affected by the survey works.

Road	OS Grid Ref	Mp	HE Structure Key	Name	Structure Type	Comments
A36	414330 / 130770	63.7+80	9528	Castle Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	414280 / 130780	63.7+40	9533	Hulse Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	414380 / 130740	63.8	9557	Nelson Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	414190 / 130720	63.6+54	9534	Avon (Salisbury)	Bridge & Large Culvert	Not affected by the survey works.
A36	414120 / 130600	63.5+20	9527	Maltings Access	Bridge & Large Culvert	Not affected by the survey works.
A36	-	-	9525	Cattle Market Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	-	-	9535	Scammels Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	-	-	13596	Summerlock St Pauls	Bridge & Large Culvert	Not affected by the survey works.
A36	413740 / 130320	63.0+65	9529	Wilton Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	413800 / 130390	63.0+70	9532	York Road Subway	Bridge & Large Culvert	Not affected by the survey works.
A36	413720 / 130370	63.0+30	9536	Devizes Road Subway	Bridge & Large Culvert	Not affected by the survey

Road	OS Grid Ref	Mp	HE Structure Key	Name	Structure Type	Comments
						works.
A36	413800 / 130340	63.0+60	9526	Church Subway	Bridge & Large Culvert	Not affected by the survey works.

## 1.9 Tunnels

Numerous subways are located within the scheme extents but are not affected by the survey works.

## 1.10 Technology

Numerous traffic loops are located within the scheme extents but are not affected by the survey works.

## 1.11 Statutory Undertakers

For location of existing services please refer to scheme drawings as detailed in the table below:

Drawing No	Drawing Title	Revision / Date
HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CU-0000-01	Statutory Undertakers Plan (Sheet 1 of 3)	C1 / November 2019
HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CU-0000-02	Statutory Undertakers Plan (Sheet 2 of 3)	C1 / November 2019
HE569189-KIER-HPV-A36_63.1_64.4_A_B-SU-CU-0000-03	Statutory Undertakers Plan (Sheet 3 of 3)	C1 / November 2019

## 1.12 Traffic

Traffic flow figures are found below:

- St Paul's RAB to Castle RAB – AADT = 14,628 vehicles / HGV % = 4.8% / Source: WebTRIS Annual Report 2017
- Castle RAB to St Paul's RAB – AADT = 16,019 vehicles / HGV % = 5.9% / Source: WebTRIS Annual Report 2017
- Castle RAB to St Mark's RAB – AADT = 14,056 vehicles / HGV % = 5.5% / Source: WebTRIS Annual Report 2017
- St Mark's RAB to Castle RAB – AADT = 15,222 vehicles / HGV % = 5.3% / Source: WebTRIS Annual Report 2017

For full details of TM survey requirements, please refer to 'Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers', Document No: HE569189-KIER-HPV-A36\_63.1\_64.4\_A\_B-SU-CH-0000-08