

Kier Highways Project No: 570122

Client Reference No: 291

291 M5 J26 NB Exit Slip Road MP 218.3 – 217.8

Pre-Construction Information

	Yes	No
Are Works to be carried out under the Commission / Contract Health and Safety Plan?		✓
Is the Scheme notifiable under the CDM Regulations 2015?		✓
1. Last longer than 30 working days and have more than 20 workers simultaneously at any point in the project;		✓
2. Exceed 500 person days		✓

Project type as categorised by GG104 (if applicable to contract / delete in not required)	A
<p>* If applicable GG104 will determine the Kier Highways minimum Scheme Principal Designer (Scheme PD) level.</p> <p>Refer to SHEMS-FOR-HIG-S-055 for GG104 type categorisation and minimum Scheme PD level.</p> <p>Type A projects the Design Team Lead, Type B projects the Senior Manager, Type C projects the Service Director.</p>	

This document has been produced in accordance with the recommendations and requirements of the Construction (Design and Management) Regulations 2015.

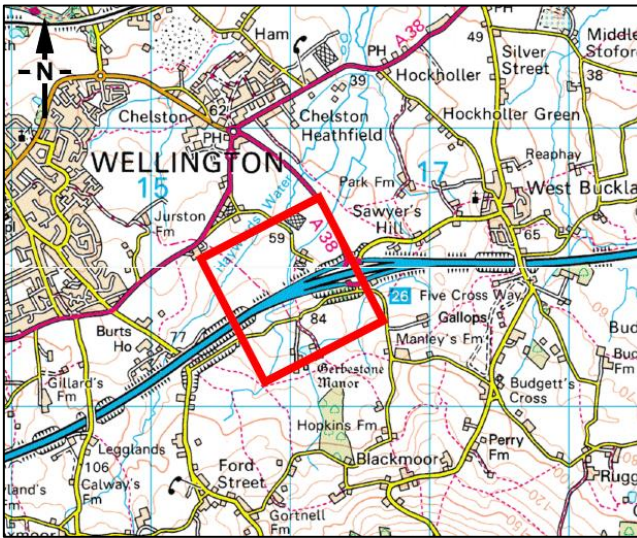
	Name	Signed	Date
Prepared by: (Designer)			
Reviewed by: (Design Team Lead)			
Accepted by: (Scheme PD)			



Authorised By: [Redacted]	Page 1 of 10	SHEMS-FOR-HIG-051
Author: Highways CDM Team	Date: October 2019	Version: 1.0
As part of our system review, this document is valid until April 2021		



Site Specific Hazards Identified in Design		
<i>ONLY include significant and unusual hazards that a competent contractor would need to know, could not reasonably foresee, or are likely to be difficult to manage effectively.</i>		
Activity	Residual Hazard	Comments
Cores	Presence of coal tar.	Contractor to ensure that all workers wear appropriate PPE at all times during construction works and any tar arisings will be disposed off to licensed tips and in line with the Company policy and the requirements for materials containing tar.

1. Project Description			
Scope of Works			
<p>Survey Scope of Works – Cores</p> <p>To undertake 10 no. of Cores to determine existing Construction Layers, including PAK marker testing to confirm the likelihood of the presence of Tar Bound Materials (TBM).</p> <p>For locations, please refer to the following VCS Plans:</p> <ul style="list-style-type: none"> 570122 291 M5 J26 NB Exit Slip Road-Defect & Treatment Plan <p>PLEASE NOTE, THIS DOCUMENT COVERS THE SURVEY WORKS ONLY</p>			
Location			
<p>The survey is to be undertaken on the M5 J26 NB Exit Slip Road.</p> 			
Site Address	The survey is to be undertaken on the M5 J26 NB Exit Slip Road MP 218.3-217.8		
Locality	Wellington, Somerset		
OSGR	From	E 315834.0035 N 19754.6813	To E 316380.0773 N 120005.0796
Core Locations	<p>Refer to drawing:</p> <ul style="list-style-type: none"> 570122 291 M5 J26 NB Exit Slip Road-Defect & Treatment Plan 		
Str Key / Name	Works are to be undertaken near 1878 Chelston I/C West. However, not affected by the survey works.		
Traffic Management	Traffic Management is to be provided by Highways England with survey works to be carried out under total closure of the Exit Slip Road with diversions. Layout provided to be in accordance with TSM Chapter 8.		
Traffic Flows	M5 Northbound Exit Slip Road: AADT = 3,587 vehicles / HGV% = 8.1% (2019). To provide a safe working area, traffic management will be provided by the employer.		
Anticipated Working Hours, subject to Traffic Counts		Night time shifts (20:00-06:00)	
Mobilisation Period		TBC by HE PM	
Anticipated Start Date		TBC by HE PM	
Anticipated End Date		TBC by HE PM	

3. Scheme Specific Requirements			
	Yes	No	Comments
Does an H&S file exist?		X	No existing H&S File has been made available by Highways England.
Site Welfare	X		Welfare van on site for duration of works.
Security / Segregation	X		Existing highway boundary is adequate to protect the site.
Are there any other projects taking place in the vicinity?		X	Unknown at this stage. HE PM to provide details.
Are there any restrictions on vehicle movements?	X		All site vehicles (incl. delivery vehicles) must abide by the TM requirements and regulations 1. Enter and exit site from the dedicated points; 2. Comply with the designated site safety speed limits; All vehicles within Traffic Management shall comply with the conspicuity requirements of Chapter 8.
Are there any restrictions on deliveries, waste collection, or storage?	X		No deliveries to take place unless Traffic Management is in place. No waste shall be stored on site. Waste Carriers Licence required
Are there any parking restrictions?	X		All vehicles and plant within the works area shall be parked in a safe area clear of access and egress points. All vehicles and plant shall be removed from the carriageway prior to removal of traffic management. No Private vehicles are allowed on site
Height Restrictions		X	
Overhead Cables		X	
Structures		X	
Will fire precautions be required?	X		Suitable fire precautions shall be in place and in accordance with the Contractors hot works permit.
Are emergency procedures and means of escape required?	X		The Contractor shall ensure that emergency procedure plans are in place and all staff have been inducted. One lane will remain serviceable throughout the works duration for emergency services at all times. Nearest A&E hospital: Musgrove Park Hospital, Taunton, Somerset, TA1 5DA Tel: 01823 333444
Are there any areas in or around the site classified as no-go areas?	X		No site personnel shall enter the safety zones or tapers within the extents of the traffic management unless trained and competent for installation / removal / maintenance of TM. Provision of minimum 20m Pedestrian worker Exclusion zone, behind and in front of Operating Road Sweeper to be in place. Sub-Contractor's Method Statements and Risk Statements shall contain suitable risk control to protect pedestrian workers and plant operators.
Are there any noise restrictions?	X		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.

3. Scheme Specific Requirements			
	Yes	No	Comments
Are temporary works required?		X	
Are there any vibration restrictions?	X		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.
Are there any poor or hazardous ground conditions		X	Unknown at this stage, cores to confirm.
Are there any unstable structures?		X	
Are there any areas classed (existing or designed) classed as confined spaces?		X	
Are there any smoking restrictions?	X		No smoking is allowed on site. Designated smoking areas to be confirmed during site inductions.
Any environmental constraints identified?		X	Unknown at this stage, cores to confirm.

Materials and Substances with Health and / or Safety Hazards

Asbestos – Highways

There is an AAP in place covering this highway section stored within HAPMS. The original inspections were carried out in June 2008 with a subsequent review in Dec 2013. A monitoring inspection has also been carried out in March 2014.

If Asbestos Containing Materials are found during construction, all works shall stop immediately and the area is to be isolated from the workforce. The Contractor must inform the Principal Contractor, who will then implement the necessary emergency response procedures in line with the Company policy.

Under no circumstances will the Contractor attempt to remove any Asbestos Containing Materials without prior consent from the overseeing organisation.

Lead

Scope of Works are unlikely to encounter lead.

Tar based pavement / surfacing

Potential hazardous materials from coring operations as historical core log information for this section indicates the presence of Coal Tar.

If unidentified TBM's are encountered within the scheme extents reference should be made to the Environment Agency Regulatory Position Statement on 'The Use of Treated Asphalt Waste Containing Coal Tar in Construction Operations', Ref.: MWRP RPS 075 Version: 3, Issued July 2012.

Covid-19 pandemic

The Contractor is to ensure they are protecting their workforce and minimising the risk of spread of infection. They must comply with the latest Government advice on working safely during coronavirus covid-19 which is currently available at <https://www.gov.uk/guidance/working-safely-during-coronavirus-covid-19/construction-and-other-outdoor-work>. Further guidance is given in the Construction Leadership Council's "Construction Sector – Site Operating Procedures". The latest version may be found at <http://cic.org.uk/important-documents.php>

Materials and Substances with Health and / or Safety Hazards

The health and safety requirements of any construction activity must not be compromised. If an activity cannot be undertaken in line with social distancing being implemented, or by exception, safely, without risk and mitigating measures then it shall not take place.

Leptospirosis / Weil's disease / Psittacosis

Contact with highway drainage during resurfacing works potential risk of Weil's disease. The Contractor is to ensure sufficient welfare facilities are in place at all times. All appropriate PPE must be worn at all times. Any instances of illness / sickness on site should be reported to the Site Manager/Principal Contractor Representative immediately and the persons affected should seek medical advice.

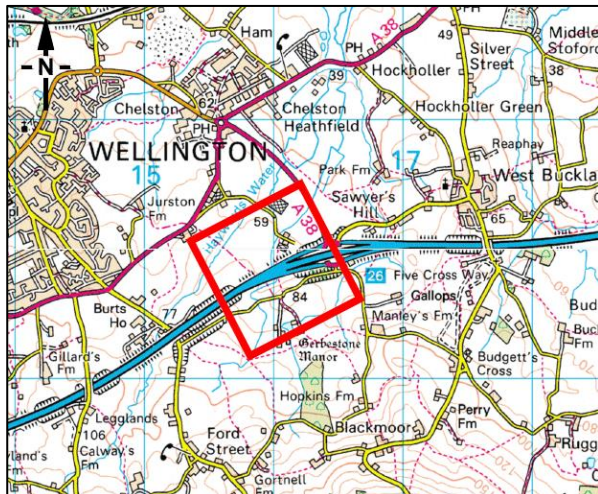
4. Existing Services (Refer to STATS plans listed in Appendix D)				
Statutory Undertaker	Not Present	Over head	Under ground	Comments
Electricity				
400/132kV [pylons]	X			
66kV	X			
33kV	X			
11kV	X			
240/415Volts		X	X	
Water (Foul and Potable)				
Public Foul			X	
Pressurised Foul	X			
Public Combined Gravity	X			
Pressurised Combined	X			
Culverted Watercourse	X			
Water Main			X	
Aqueduct	X			
Communications				
Communications			X	
British Telecom				
British Telecom			X	
National Grid				
National Grid	X			
Transco				
LP Mains	X			
MP Mains			X	
IP Mains	X			
LHP Mains	X			
NHP Mains	X			
Government Pipelines				
Government Pipelines	X			
Fisher German Pipelines				
Fisher German Pipelines	X			
Energis				
Energis	X			
Motorway Communication				
Motorway Comms			X	
Street Lighting				
Street lighting	X			
Highway Drainage				
Various apparatus			X	

NOTE – THE ABOVE STATS INFORMATION IS BASED ON EXISTING RECORDS. STATS RECORDS EXPIRE EVERY 3 MONTHS. PRIOR TO WORKS, LIAISON WITH THE RELEVANT UTILITY COMPANIES IS AGAIN NECESSARY TO ENSURE CURRENT STATS INFORMATION IS PROVIDED.

5. Health and Safety File Requirements

All information will be produced in an electronic format. The format of the electronic data issued is to be as follows: All documents and product data sheets are to be in PDF format, drawings are to be in PDF and AutoCAD DWG format.

The Principal Contractor shall collate all appropriate information as it becomes available, and this shall subsequently be collated in the File. The Principal Contractor is to implement an early procedure that advises contractors and materials suppliers of the detailed requirements for this record information. The health and safety file will be created and/or updated in accordance with the requirements of the IAN105/08.

Appendix A – Location Plan**Appendix B – Construction Drawings**

Reference	Rev	Title
570122 291 M5 J26 NB Exit Slip Road-Defect & Treatment Plan	C1	VCS Plan

Appendix C – Existing Records and As-Built Drawings

Reference	Rev	Title	Company
Refer to Document / Drawings Transmittal Register.			

Appendix D – Statutory Undertaker Drawings

Reference	Rev	Title	Company
Refer to Document / Drawings Transmittal Register.			

Appendix F – List of Structures

HE Structure Key	Name	Structure Type	Comments
Works are to be undertaken near 1878 Chelston I/C West. However, not affected by the survey works.			

Appendix G – Asbestos Action Plans

Report No.	Report Title	Plan Owner	Date
021	Area 2 AAP for M5 J24 to J27 SB & NB	InterRoute, Bruce Pucknell, Structures Manager	June 2008
110 B	Area 2 AAP for M5 J24 to J27 SB & NB	Skanska Infrastructure Services, Pauline Woodhall / Chris Bright	December 2013

Appendix H – Overhead Cables

Overhead Cables Information
Not applicable