

**Kier Highways Project No: 570122D**  
**Client Reference No: 570122D**  
**M5 J22-23 SB 182.5-185.2 RS Coring, PAK/PAH Testing & DCP**  
**Pre-Construction Information**

	Yes	No
Is the Scheme notifiable under the CDM Regulations 2015?		X
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)	<b>A</b>
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This document has been produced in accordance with the recommendations and requirements of the Construction (Design and Management) Regulations 2015.

		Date
Prepared by: Designer		19/05/20
Reviewed by; Design Team Lead		26/05/20
Accepted by: Scheme PD		27/05/2020



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Site Specific Hazards Identified in Design		
<p><b><i>ONLY</i></b> 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.</p> <p><b>Note – Consideration to be given to all ‘populations’ affected, Workers, Users, Other Parties.</b></p>		
Activity	Residual Hazard	Comments
Coring	Service Strike	Locate services prior to coring. C2 returns included in Stats pack
Undertaking survey in vicinity of overhead cables	Service Strike	Measure cable height prior to coring
Undertaking survey in vicinity of overhead structure	Headroom restrictions	Measure headroom prior to coring
Handling cores	Tar bound materials	Use appropriate PPE and RAMS until presence of TBM has been eliminated
Undertaking survey	Live traffic	TM and Road Closure (as required)
All work activities	Covid 19	Suitable safe systems of work incorporating latest Government guidance

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1 Project Description					
<b>Scope of Works</b>					
Undertake 150mm dia cores, PAK/PAH testing and selective DCP testing at specified locations within the pavement.					
See Scheme Drawings in addition to documents Works Info and Site Info listed in Appendix A					
<b>Location</b>					
The scheme is located on the M5 southbound carriageway between Junctions 22 (Edithmead) and 23 (Dunball) marker posts 182.5 – 185.2					
Site Address					
<b>Site Photographs</b>					
<b>MP</b>	From	182.5	To	185.2	
<b>Traffic Management</b>					
Traffic Management is anticipated to be full closures AADT 42848 13.3% cvs, national speed limit (70mph), emergency access to be maintained					
Anticipated Working Hours, subject to Traffic Counts			Night Shifts		
<b>Mobilisation Period</b>	TBC by HE	Anticipated Start Date	TBC by HE	Anticipated End Date	TBC by HE

2 Scheme Management and Contact Details		
[Redacted]		
[Redacted]	[Redacted]	[Redacted]
	[Redacted]	[Redacted]
	[Redacted]	[Redacted]
	[Redacted]	[Redacted]
[Redacted]		
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	[Redacted]	[Redacted]

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3. Scheme Specific Requirements			
	Yes	No	Comments
A pre-start meeting will be mandatory			
Does an H&S file exist?		X	
Site Welfare	X		<i>Contractor to provide welfare facilities</i>
Security / Segregation		X	<i>Highways boundary adequate to protect site</i>
Are there any other projects taking place in the vicinity?		X	
Are there any restrictions on vehicle movements?	X		<i>All site vehicles (incl. delivery vehicles) must abide by the TM requirements and regulations</i> 1. <i>enter and exit site from the dedicated points;</i> 2. <i>Comply with the designated site safety speed limits;</i> <i>All vehicles within Traffic Management shall comply with the conspicuity requirements of Chapter 8.</i>
Are there any restrictions on deliveries, waste collection, or storage?	X		<i>No deliveries to take place unless Traffic Management is in place.</i> <i>No waste shall be stored on site.</i> <i>Waste Carriers Licence required</i>
Are there any parking restrictions?	X		<i>All vehicles and plant within the works area shall be parked in a safe area clear of access and egress points.</i> <i>All vehicles and plant shall be removed from the carriageway prior to removal of traffic management.</i> <i>No Private vehicles are allowed on site</i>
Height Restrictions	X		<i>If YES to any of the above detail the controls you are putting in place in 'Site Specific Hazards'.</i>
Overhead Cables	X		<i>Have overhead cables been identified on site? YES</i> <i>Obtain Safe Working Heights in line with GS6</i> <i>If present complete Overhead Cable Form &amp; attach in Appendix C.</i> <i>If overheads cables are identified they should be clearly marked on the contract drawings.</i>
Structures	X		<i>Multiple structures within scheme extents, refer to Appendix D</i> <i>Are there any overhead structures YES</i> <i>If YES complete Overhead Cable Form and attach in Appendix C.</i>
Will fire precautions be required?	X		<i>Suitable fire precautions shall be in place</i>
Are emergency procedures and means of escape required?	X		<i>The Contractor shall ensure that emergency procedure plans are in place and all staff have been inducted.</i> <i>One lane will remain serviceable throughout the works duration for emergency services at all times.</i> <i>Nearest A&amp;E hospital: Musgrove Park Hospital, Parkfield Drive, Taunton TA1 5DA Tel: 01823 333444</i>

3. Scheme Specific Requirements			
	Yes	No	Comments
Are there any areas in or around the site classified as no-go areas?	X		<i>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.</i>
Are there any noise restrictions?		X	
Are temporary works required?		X	
Are there any vibration restrictions?		X	
Are there any poor or hazardous ground conditions		X	
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		<i>No smoking is allowed on site. Designated smoking areas to be confirmed during site inductions.</i>
Any environmental constraints identified?		X	

## Materials and Substances with Health and/or Safety Hazards

### Asbestos

*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. Consider existing paint coatings to bridge beams.*

### Tar based pavement/surfacing

*Risk of Tar in lower pavement layers. Has testing been carried out. PAK Tests are indicative only and need confirming by laboratory testing. Has Tar been confirmed? Is further testing required? Tar is unlikely to be encountered in surface course. If Tar has been identified locations should be clearly marked on the schemes drawings.*

### 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.*

### 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>*

*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.*



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<b>4. Existing Services</b>		Refer to STATS plans listed in attached Stats Pack		
Statutory Undertaker	Not Present	Over head	Under ground	Comments
<b>Electricity If overheads cables are identified they should be clearly marked on the scheme drawings</b>				
400/132kV [pylons]	X			
66kV	X			
33kV	X			
11kV		X		
240/415Volts	X			
<b>Water (Foul and Potable)</b>				
Public Foul	X			
Pressurised Foul	X			
Public Combined Gravity	X			
Pressurised Combined	X			
Culverted Watercourse			X	
Water Main			X	Distribution main and rising main
Aqueduct	X			
<b>Communications</b>				
Communications	X			
<b>British Telecom If overheads cables are identified they should be clearly marked on the scheme drawings</b>				
British Telecom			X	
<b>National Grid</b>				
National Grid	X			
<b>Transco</b>				
LP Mains	X			
MP Mains	X			
IP Mains	X			
LHP Mains	X			
NHP Mains	X			
<b>Government Pipelines</b>				
Government Pipelines	X			
<b>Fisher German Pipelines</b>				
Fisher German Pipelines	X			
<b>Energis</b>				
Energis	X			
<b>Motorway Communication</b>				
Motorway Comms			X	
<b>Street Lighting</b>				
Street lighting	X			
<b>Highway Drainage</b>				
			X	
<b>Other</b>				

**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.

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## Appendix A - Construction Drawings & Documents

Reference	Title
527 – M5 J22 – 23 182.5 – 185.2 RS - 001	Core Location Plan Sheet 1
527 – M5 J22 – 23 182.5 – 185.2 RS – 002	Core Location Plan Sheet 2
527 – M5 J22 – 23 182.5 – 185.2 RS - 003	Core Location Plan Sheet 3
527 – M5 J22 – 23 182.5 – 185.2 RS – 004	Photos Sheet 1
527 – M5 J22 – 23 182.5 – 185.2 RS – 005	Photos Sheet 2
527 – M5 J22 – 23 182.5 – 185.2 RS – 006	Photos Sheet 3
527 – M5 J22 – 23 182.5 – 185.2 RS – 007	Photos Sheet 4
570122D M5 J22 – 23 SB 182.5 – 185.2 RS Site Info	Site Information Document
570122D M5 J22 – 23 SB 182.5 – 185.2 RS Work Info	Work Information Document

## Appendix B - Statutory Undertaker Drawings

Refer to attached stats pack

## Appendix C – Overhead cables

See GS6 Measurements and Essential Safety Data, or alternately list below.

If overheads cables are identified they should be clearly marked on the contract drawings.

## Appendix D - List of Structures

Structure	Type	Location Ref	Str key	MP
River Brue Underbridge	Underbridge		1812	182.8
	Overbridge		1813	183.1
	Overbridge		1814	183.5
	Culvert		1815	183.6
	Overbridge		1816	184.6
	Culvert		1817	184.9
	Huntspill River Underbridge	Underbridge		1818
Culvert			1819	185.1

## Appendix E - Asbestos Action Plans

020 AAP M5 J19\_J24

109 M5 J19-24 mp 145.0-196.1 review

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