

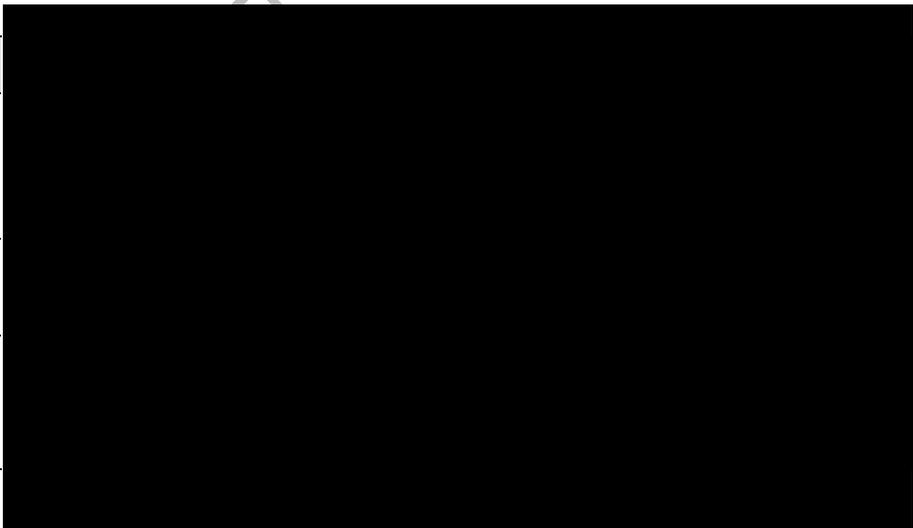
Kier Highways Project No: 1050152
Client Reference No: 570122
A303 Beacon EB & WB MP 236.5 - 237.1 Core Testing
Pre-Construction Information

	Yes	No
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
<small>* If applicable GG104 will determine the Kier Highways minimum Scheme Principal Designer (Scheme PD) level. Refer to SHEMS-FOR-HIG-S-055 for GG104 type categorisation and minimum Scheme PD level. Type A projects the Design Team Lead, Type B projects the Senior Manager, Type C projects the Service Director.</small>	

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

	Date
Prepared by: Designer	08/07/2020
Reviewed by; Design Team Lead	10/07/2020
Accepted by: Scheme PD	13/07/2020



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Site Specific Hazards Identified in Design		
<p><i>ONLY</i> 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>		
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.

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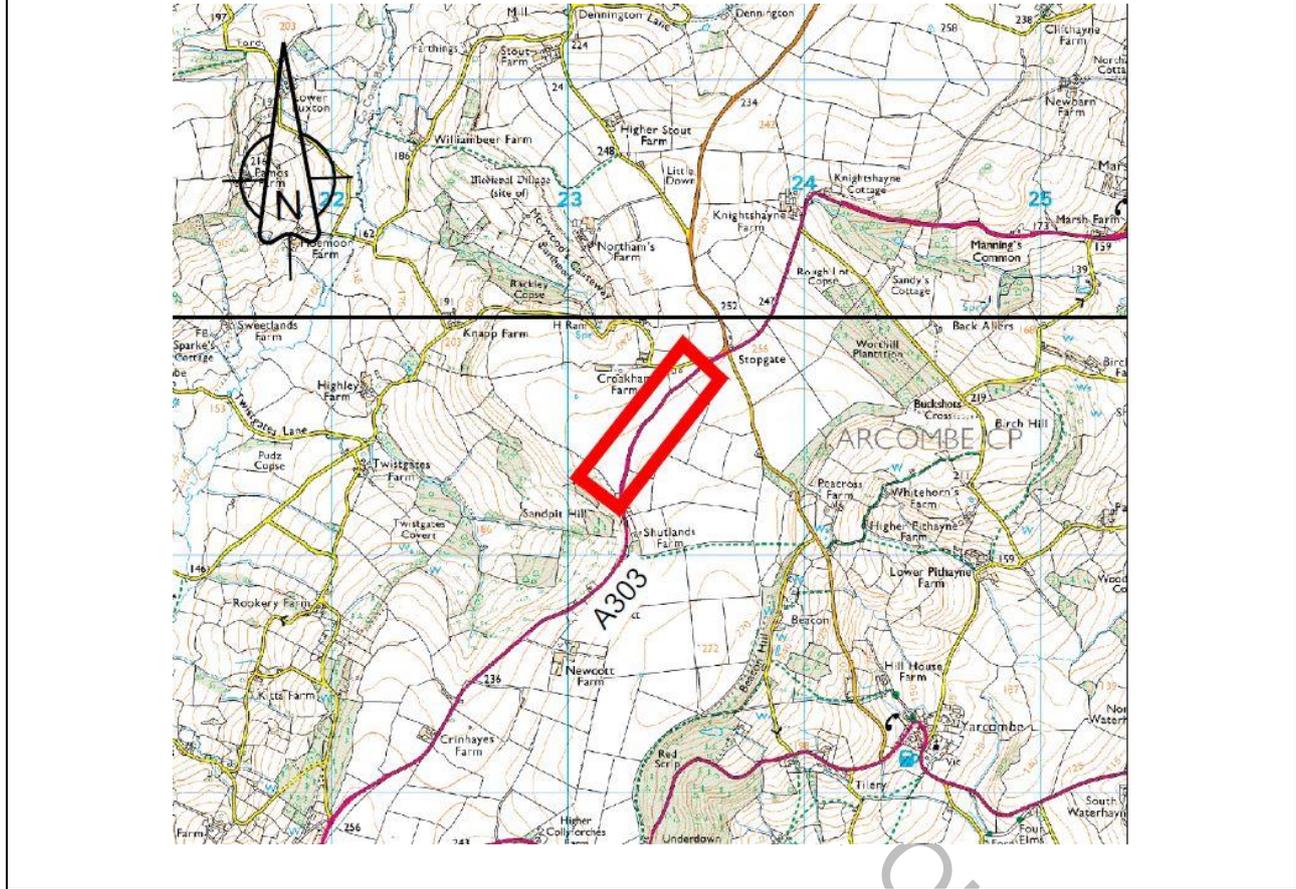
1 Project Description

Scope of Works

The works comprise of core extraction and PAK/PAH testing along the A303 east & westbound near Beacon.

For locations, please refer to the following document: 604473 core plan & schedule

Location



Site Address	The site is located on the A303 at Beacon between MP 237.1 and 236.5
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Site Photographs

Please refer to document: 604473 core plan & schedule

OSGR, MP or	From	E: 323240, N: 109325 MP 237.1	To	E: 323559, N: 109777 MP 236.5

Traffic Management

Traffic Management will be Lane closures, subject to risk assessment by contractor.
Anticipated lane closure for one night.

Traffic flow figures:



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1 Project Description					
<p>A303 Eastbound AADT = 8,186 vehicles HGV% = 8.2% Source: WebTRIS Annual Report 2020</p> <p>A303 Westbound AADT = 8,460 vehicles HGV% = 8.1% Source: WebTRIS Annual Report 2020</p>					
Anticipated Working Hours, subject to Traffic Counts			Between 20:00 – 06:00 hrs		
Mobilisation Period	TBC	Anticipated Start Date	TBC	Anticipated End Date	TBC

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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	No existing H&S File has been made available by Highways England however Pavement construction information is available in the project file together with pavement condition surveys.
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		No over bridges located within the survey extents. The Principal Contractor shall measure and record the heights of any overhead power lines present before works commence. The Legal Minimum height of the overhead cable is 5.2m and 5.8m above roads in accordance with HSE Guidance Note GS6.
Overhead Cables	X		Locations of O/H located on VCS plans. Please see note above. The contractor will need to obtain GS6 certificate clearance to work under/ within vicinity of overhead cables. 11kv O/H between MP 236.8 and 236.7. Safe zones to be complied with.
Structures		X	None present
Will fire precautions be required?	X		Suitable fire precautions shall be in place and in accordance with the Contractors hot works permit.

3. Scheme Specific Requirements			
	Yes	No	Comments
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. <i>Nearest hospital (Minor injuries) is Honiton Hospital Marl pits Ln, Honiton EX14 2DE. Tel 01404 540540 (Currently open 08.00 to 20.00 only.</i> <i>Nearest A&E hospital is Musgrove Park Hospital, Parkfield Dr, Taunton TA1 5DA (24hr).</i>
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.
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
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

There is an AAP in place covering this scheme, the inspection was undertaken in May 2015. See A303/234.20-247.20/AAP/Rev 0.pdf. As of the date of this document there are no ACMs identified.

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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4. Existing Services				
Refer to STATS plans listed in Appendix C				
Statutory Undertaker	Not Present	Over head	Under ground	Comments
400/132kV [pylons]	X			
66kV	X			
33kV	X			
11kV		X		Overhead cables < 5 m away from nearest requested cores
240/415Volts			X	Unknown underground service just beyond scheme extents MP 236.5 (possible weather station supply).
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				
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				
			X	Not affected by coring works based upon available plans.
Other				

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.

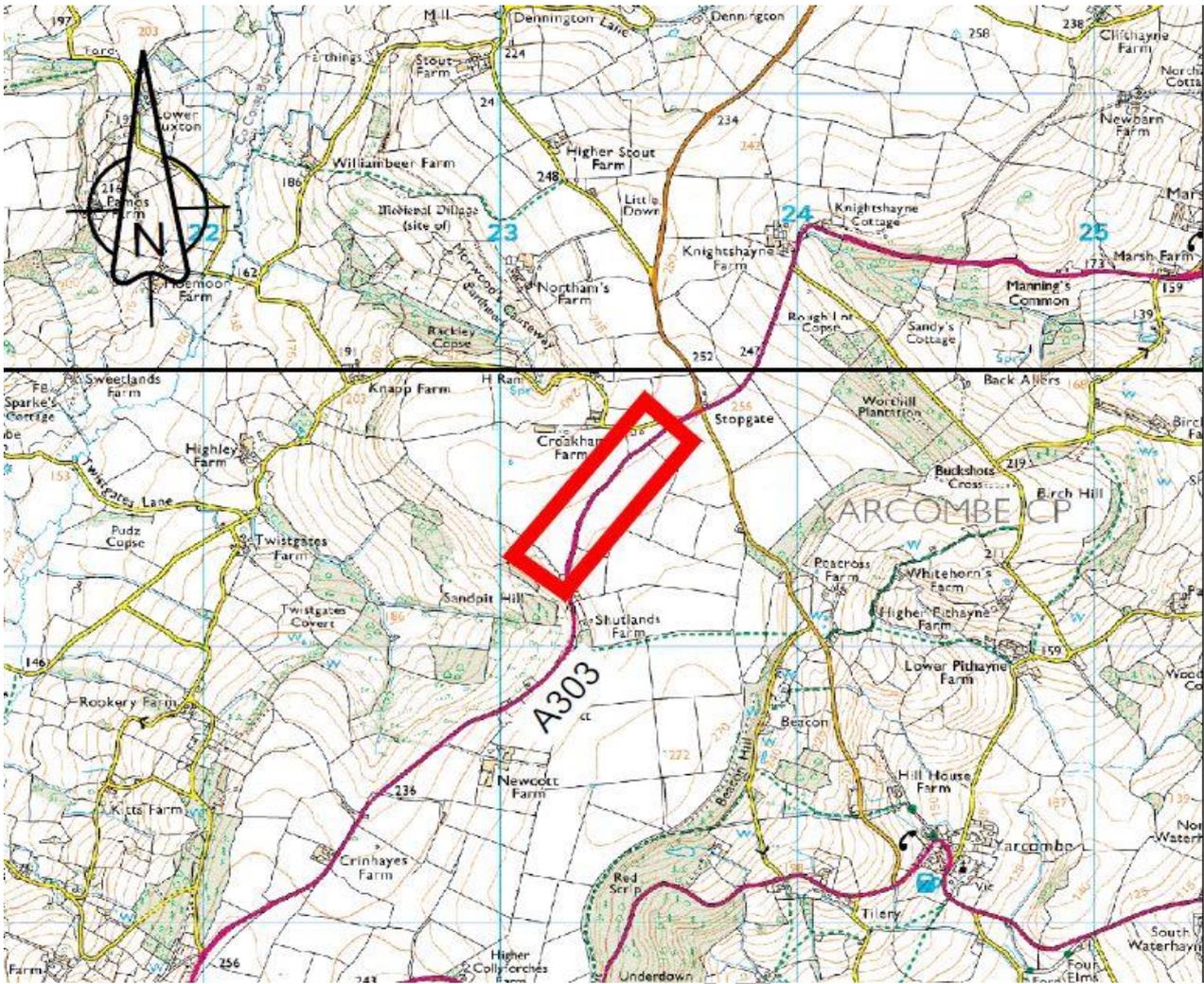
The Principal Contractor shall collate all appropriate information as it becomes available, and this shall subsequently be collated in the File. The Principal Contractor is to implement an early procedure that advises contractors and materials suppliers of the detailed requirements for this record information. 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 B - Construction Drawings

See Document Issue Sheet for list of current scheme drawings, alternately list below.

Reference	Rev	Title
		604473 core plan & schedule.xlsx

Appendix C – Statutory Undertakers Drawings

Reference	Rev	Title	Company
		TOPO1250_A303-002-02324.pdf	
		TOPO1250_A303-002-02326.pdf	



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Reference	Rev	Title	Company
		TOPO1250_A303-002-02327.pdf	
		TOPO1250_A303-002-04580.pdf	
		TOPO1250_A303-002-04584.pdf	
		TOPO1250_A303-002-04585.pdf	

Appendix D – Overhead cables

11kV Overground Electrical cable found between MP 236.8 and 236.7. Please see enclosed Statutory Undertakers drawing ref. TOPO1250_A303-002-02326.pdf

Appendix E - Asbestos Action Plans

See A303/234.20-247.20/AAP/Rev 0.pdf

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