

Area 12 Broughton Resurfacing SDF-NE-W245 Pre Construction Information

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National Highways
617900

Scheme Delivery Framework
08/09/23



Area 12 Broughton Resurfacing SDF-NE-W245 Pre Construction Information

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1. National Highways pre-construction information

1.1 Purpose of this document

- 1.1.1 The information within this document represents that which the client has advised is within his possession or which is reasonably obtainable and is provided only so far as is known. Where information is not available, but it is indicative it may be available elsewhere or is relevant, designers, contractors or others shall take account of such and shall take all necessary steps to secure such information where the absence of such could present a risk to safety or health.
- 1.1.2 This document contains location-specific health and safety information to enable the identification of hazards and risks associated with the design and construction of the project. It is intended that there is sufficient information provided in this pre-construction information to allow significant risks to be anticipated and planned for. It is intended that this document is updated as the design is developed.
- 1.1.3 This pack is compiled in compliance with the Client's duties under the Construction (Design and Management) Regulations 2015 (CDM 2015).
- 1.1.4 The information contained and referenced in this pack is preliminary and is not warranted by National Highways.
- 1.1.5 This document should be read in conjunction with the framework pre-construction information pack

1.2 Health and safety values


- 1.2.1 Safety is a core National Highways value and is our First Imperative, and is expressed as caring for your workforce, our customers and the public who could be affected by our activities through creating an environment where no one gets hurt.
- 1.2.2 The National Highways document [Home Safe and Well](#) describes National Highways' approach, vision, mission, and values with respect to health and safety.
- 1.2.3 National Highways is responsible for this document in accordance with its values and the requirements of CDM 2015.

1.3 Notifiable

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

2. Project Description

2.1 Project / Scheme Specific Details

Project Description				
Project objectives, goals, and sponsor's requirements <ul style="list-style-type: none"> • Safety – the safety of our employees, our service partners and our road users. • Customer Service – the customer service and experience that road users have. • Delivery – the delivery of the governments' road building and maintenance programme 				
Scope of works <p><i>The surfacing in Broughton depot is showing signs of deterioration due to the age of the surfacing and because of winter maintenance activities. Surfacing defects are evident around the depot which are becoming hazardous. These could lead to slips, trips and/or falls. Maintenance costs will increase if improvements are not carried out.</i></p> <p><i>It is proposed to resurface the affected areas with a suitable material to ensure the longevity of the surfacing.</i></p>				
Location plan 				
Site address	Broughton, Brigg DN20 0AQ			
Ordnance Survey Grid Reference (OSGR)	From	495684,407011	To	495620,407021
Traffic Management arrangements <p>Traffic Management will be minimal due to works taking place in National Highways Depot</p>				

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Anticipated working hours			Between	20:00 – 06:00 hrs	
Key milestones dates: None Identified					
Mobilisation period	4 weeks	Anticipated start date	2023/2024	Anticipated end date	2023/2024

Significant Design and Construction Hazards; Design Assumptions and Control Measures
<p>Travelling to site</p> <p>Potential risk of getting injured via own driving or other drivers on the road . Risk of collisions with other cars on the way to and from site. Hazard to be highlighted in the PCI document to allow Principal Contractor time to plan method of works.</p> <p>Working Under Overhead Cables</p> <p>Electrocution from striking overhead cables. Overhead cable locations determined from C2 returns and confirmed by drive through of site and clearly demarcated on all TTM and construction drawings.</p> <p>Breaking Ground</p> <p>Risk of striking underground cables when excavating. Provide C2 returns to Principal Contractor. Advise in PCI the use of cable avoidance tool and use of contractors permit to dig.</p> <p>Asbestos containing materials fly tipped within the works area.</p> <p>Hazard to be highlighted in the PCI document to allow Principal Contractor time to plan method of works.</p> <p>Working Adjacent to live traffic around the depot</p> <p>Suitable traffic management (TM) shall provide a safe working space to undertake the works.</p> <p>Tar Bound Materials</p> <p>Testing to be completed by the contractor before works take place.</p>
<p>Health Hazards / Environmental Hazards:</p> <p>Asbestos is not known to be likely to be encountered. If any asbestos is identified, i.e from fly tipping the Service Manager will issue an instruction as necessary.</p> <p>For full environmental information see documents no. 617900-JAC-HGN-W245_XX-DO-CH-0002 designers environmental risk assessment F12 and 617900-JAC-EGN-W245_XX-CH-0002 Designers environmental assessment checklist F11</p>

Scheme Specific Requirements			
	Yes	No	Comments
A pre-start meeting (mandatory)			
Does a Health and Safety File exist?		X	
Site Welfare arrangements?	X		<i>Use of the depot facilities by agreement with the depot manager</i>
How will the site be secured?		X	<i>Work is taking Place inside the depot</i>
Are there any restrictions on vehicle movements? Prohibited areas?	x		<i>Due to works taking place inside a live working depot there may be restrictions. Agreement to be reached with the depot manager.</i>

Scheme Specific Requirements			
	Yes	No	Comments
Are there any restrictions on deliveries, waste collection, or storage?	x		<i>Due to works taking place inside a live working depot there may be restrictions. Agreement to be reached with the depot manager.</i>
Are there any parking restrictions?	x		<i>Due to works taking place inside a live working depot there may be restrictions. Agreement to be reached with the depot manager.</i>
Height Restrictions (Structures & Overhead Cables)	x		<i>Overhead Cable Located outside of Depot lowest height 4.42m tipper wagons should be aware of this when traveling in and out of the depot.</i>
Will fire precautions be required?	x		
Are emergency procedures and means of escape required?		x	
Are there any areas in or around the site classified as no-go areas?	x		<i>Due to works taking place inside a live working depot there may be restrictions. Agreement to be reached with the depot manager.</i>
Are there any noise restrictions?		x	
Adjacent land uses, for example schools, railway lines?		x	
Are temporary works required?		x	
Are there any vibration restrictions?		x	
Are there any poor or hazardous ground conditions?	x		<i>There is no information regarding Tar bound materials within the depot surfacing. There is a risk that can be managed by under taking PAK testing during the works.</i>
Are there any unstable structures?		x	
Are there any areas classed (existing or designed) classed as confined spaces?		x	
Any specific client rules to be included in site induction?	x		<i>Due to works taking place inside a live working depot there may be restrictions. Agreement to be reached with the depot manager.</i>

2.2 Extent and Location of Existing records and plans:

2.2.1 Site information should be provided, the following should be considered:

- National Highways Asset Data Management Manual (ADMM) extract from the relevant National Highways Areas

- UXO reports referencing the appropriate sections
- Detailed location and existing land use
- Local infrastructure, boundary drawings
- Interfacing or adjacent rail/road infrastructure, underground or overhead structures or infrastructure
- Topography information,
- Asbestos records, contaminated land
- DSEAR, COMAH, MoD or other sites of significance/importance nearby or that could affect construction works, logistic routes etc.

[add any additional information type highlighted by designers, project management, engineering, H&S teams].

NB if this is a PCIP update, post contract, for an additional work package, to a framework contractor etc., in addition to document links, links to GIS/BIM data and layers, if appropriate, should be included as the supplier will have access to National Highways systems.

2.2.2 Existing Services Refer to STATS plans listed in Appendix B				
NB: note in this section that any utility drawings are to be considered indicative and for information only and the must make their own enquiries to the Statutory Undertakers for latest information prior to further design or construction taking place.				
Statutory Undertaker	Not affected	Over head	Under ground	Comments
Electricity				
400/132kV [pylons]				Cable located just outside of scheme limits
66kV				
33kV				
11kV		x		
240/415Volts				
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	Located near to depot but may not directly be affected

2.2.2 Existing Services Refer to STATS plans listed in Appendix B				
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 Communications	x			
Street Lighting				
Street lighting	x			
Other				
Road drainage	x			

2.2.3 Additional Records - Materials and Substances with Health and/or Safety Hazards <ul style="list-style-type: none"> <i>Hazardous materials records from desktop surveys and/or GI investigations</i> <i>Any other information revived but after the previous PCIP could be of relevance to the supplier [consult area engineering and health and safety teams]</i> 				
<p>It is assumed that Tar bound materials will be present. The contractor is to carry out testing prior to any plaining operations taking place. Any materials identified as containing tar should be classed hazardous materials or substances and will disposed of accordingly.</p> <p>Asbestos is not known to be likely to be encountered. If any asbestos is identified, i.e from fly tipping the Service Manager will issue an instruction as necessary.</p>				

3. Project Team

Project / Scheme Management and contact details		
Client – National Highways		
	Contact	Mohamed Abdikadir
	Position	Project Manager
	Tel	07565202100
	Email	Mohamed.Abdikadir@nationalhighways.co.uk
Scheme Principal Designer – TBC		
	Contact	Karl Bell
	Position	Principle Engineer
	Tel	0113 242 6771
	Email	Karl.Bell@Jacobs.com
Scheme Designer – TBC		
	Contact	Harrison O'Connor
	Position	Highways Design Technician
	Tel	0113 242 6771
	Email	Harrison.Oconnor@Jacobs.com
Principal Contractor - TBC		
	Contact	
	Position	
	Tel	
	Email	
Temporary Works Coordinator		
	Contact	
Concept TM Designer – TBC		
	Contact	
	Position	
	Tel	
	Email	
Local Authority (Environmental Health)		
	Contact	Environmental.health@northlincs.gov.uk
	Position	
	Tel	
	Email	
Local Authority (Highways)		
North Lincolnshire Council	Contact	01724 297000

Note: All risk assessments and method statements must be submitted to the Principal Contractor for approval prior to any work commencing.

4. Planning and management of the project

4.1 Resources and time allocation to the project

4.1.1 For the project time allocation, refer to the contract data

4.2 Cooperation between duty holders

4.2.1 For the duty holder roles that will be taken by National Highways and the successful tenderer, cooperation will be through the roles and requirements in the contract. For the duty holder roles that will be taken by others appointed by either National Highways or the successful tenderer, then National Highways and the successful tenderer will coordinate their activities through the contract.

4.3 Coordination of the work

4.3.1 The NEC or other contract document will describe how the designer/contractor will work with National Highways and Others.

Reference should also be made to the National Highways Asset Lifecycle Management Standard and associated procedures.

Significant potential interfaces to be considered in the design/construction activities and where appropriate be covered in the Construction Phase Plan detailing how the interface will be safely managed and include the following:

- **Other interfacing or adjacent National Highways Major Projects or Operations Directorate contracts, activities.**
- **3rd party assets being delivered by National Highways for Others e.g. infrastructure that will be handed over to Local Authorities. What are the handover, Health and Safety File requirements for these 3rd parties?**
- **Parties with which National Highways has a commitment to through the Development Consent Order (DCO) or other consent/engagement process e.g. the local community, including property owners, businesses and tenants.**
- **Others e.g. English Heritage, The Environment Agency and Natural England. Transport for London/Manchester etc. /Network Rail/Train & Freight Operating Companies/Utility Providers/Other major undertakings with interface potential Heathrow/HS2.**

5. Client Brief - Management Arrangements or Requirements

5.1 Client Brief content

- 5.1.1 The contractor(s) are to ensure that the workforce is competent for the task and ensure that the site personal is inducted onto the National Highways network.
- 5.1.2 Site manager to ensure that weekly Health and Safety Inspections are completed.
- 5.1.3 Survey contractor to provide daily shift reports to the Client by no later than 10am of the morning following each shift.
- 5.1.4 Information may be passed freely between Client, Designer, Principal Designer, Principal Contractor with regard to progress/issues and be in the form of digital photos, survey data and measurements, descriptions of 'as found conditions', test result data or analysis of trend data.
- 5.1.5 Accidents/incidents/near misses to be reported as per the below ensuring individuals' Health and Safety compliance
- 5.1.6 The Contractor is to be responsible for own plant/equipment on site, and is to remove all equipment at end of shift to depot / off site secure storage.
- 5.1.7 Emergency procedures and means of escape.
- 5.1.8 Mobile welfare facilities are to be utilised on site.
- 5.1.9 RIDDOR and HART

Details of any health and safety incidents including to the general public / road users within or on the approaches to the traffic management extents) shall be reported as per the requirements of:

IAN 128/12 - HA Supply Chain Health and Safety Incident Reporting.

Details of any High Potential Near Miss (HPNM) shall be reported within 24 hours.

Incident details MUST be recorded on National Highways Accident Reporting Tool (HART).

5.1.10 Design during Construction Phase

Where design is carried out by the principal contractor during the construction phase, including design for significant temporary works, the principal contractor must include in the construction health and safety plan the procedure for informing the Principal Designer and CDM Assurance Manager of the design and the associated risk assessments. This requirement also applies to any design changes made during the construction phase that significantly alter the health and safety aspects of the original design.

6. Existing Health and Safety file(s)

Health and Safety file requirements

No existing H&S files are available.

The principal designer has prepared a health and safety file for the project which is to be updated with any relevant information following these pavement works.

The information required for inclusion in the network health and safety file (including National Highways requirements for the Health and Safety File - Interim Advice Note IAN 105/08 and BD62/07 for structures), the following should include but not be limited to:

- Brief description and location of works.
- Details of any remaining significant risks.
- Residual hazards due to construction process – general; underground; overhead; contamination; confined spaces; paint systems; asbestos etc.
- Hazards information including details of the nature, location and markings of significant services, including underground
- cables; gas supply equipment; fire-fighting services etc found in this location of work.
- As-built drawings of the project and any other relevant information required to comply with the Clients' requirements.
- As-built pavement information passed to the Client on completion shall be reference using network chart and sections
- and will include the material type/specification – this will allow for accurate recording on HAPMS.
- Copy of Waste Transfer Notes and Hazardous Waste Consignment Notes.

Appendix A. Construction Drawings

Reference	Rev	Title
617813-JAC-HGN-W245_XX-DR-CH-0001	C01	Location Plan
617813-JAC-HMK-W245_XX-DR-CH-0001	C01	Road Marking Drawing
617813-JAC-HPV-W245_XX-DR-CH-0001	C01	Pavement Drawing

Appendix B. Statutory Undertaker Drawings

Reference	Rev	Title	Company
OT1MC3ILBD	C01	Resurfacing Works	Quick stats

The information concerning the location and/or depth of the public utility apparatus provided on the drawings is indicative only. No guarantee as to its accuracy is either given or implied. The drawing should not be relied upon in the event of excavations or other works made near to the apparatus, which may exist at various depths and may deviate from the marked route. It should also be noted that a single line shown on the plan may indicate the presence of more than one cable, pipe or associated item.

The contractor is required to ensure that the locations of below ground services are established/confirmed on site prior to any excavations or other works which may effect the existing services.

Prior to any works on site, the contractor shall refer to;

HSG47 - Avoiding Danger from Underground Services (by HSE)

HGS185 - Health & Safety in Excavations (by HSE)

Construction Information Sheet (CIS) 8 - Safety in Excavations (by HSE)

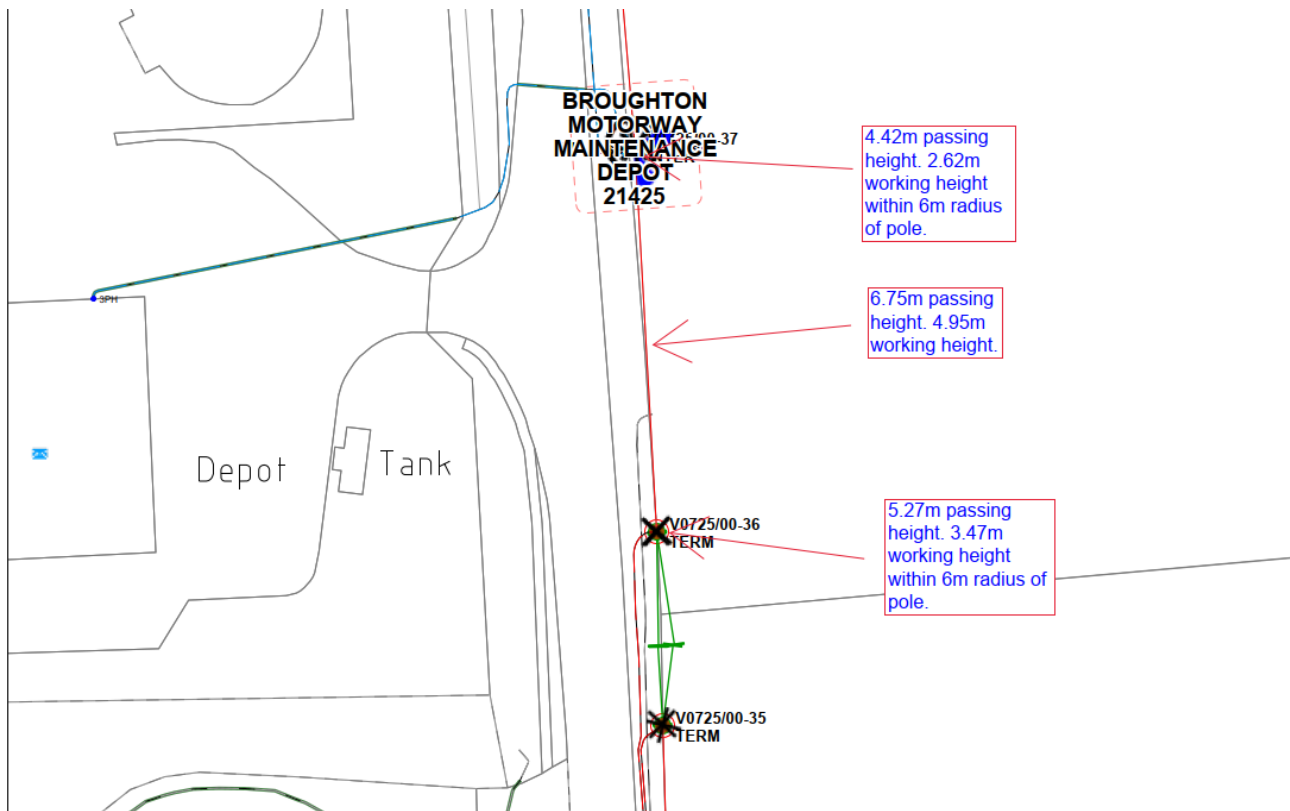
General Series (GS) 6 - Avoidance of Danger from Overhead Electric Lines (by HSE)

Appendix C. Asbestos Action Plans

No Asbestos action plans available.

Asbestos Note - Asbestos is not known to be likely to be encountered. If any asbestos is identified, i.e. in the form of fly tipping, the Service Manager will issue an instruction as necessary.

Appendix D. Overhead cable locations



Appendix E. Site Photographs

