

CDM1 PRE-CONSTRUCTION STAGE INFORMATION

In accordance with regulation 4 of the Construction (Design & Management) Regulations 2015 The following information covering the planned works, site and environment is made available to prospective contractors to assist in the health and safety planning and management aspect of the tender process. This document will form the basis for the Construction Phase Plan and associated health and safety file that will be developed throughout the works.

POLICY OBJECTIVE STATEMENT

The *Employer* takes its obligations under environmental and health and safety legislation seriously and requires that its contractors and agents do likewise. This project will be designed and constructed as far as is reasonably practicable such that it is safe and without risk to the health or safety of the public, the people who will construct it or the subsequent users and other people affected by the completed project.

(1) Project information

Project Title	A1 Priestgate Bridge Investigations
Project Reference	
Designer	Highways England
Employer	Highways England
Principal Designer	Highways England

(2) PLANNING AND MANAGEMENT OF THE PROJECT

(a) LOCATION OF THE PLANNED WORKS O.S Grid Reference. Road Number, River crossing etc. Nearest Settlement. Approach roads/Hazards. Post code if available	There are (2) structures that requires testing for this scheme: 1) Priest Gate, Nottinghamshire. OSGR (E/N): 473190 / 372640. This structure carries the C-class road Priest Gate over the A1 trunk road at Tuxford. Nearest postcode is NG22 0PL. 2) East Markham Road, Nottinghamshire. OSGR (E/N): 473540 / 371610. The structure carries the road Markham Road over the A1 trunk road at Tuxford. Nearest postcode is NG22 0NP.
(b) CONTRACTOR DESIGN Extent of their design. Temporary works design. Specific elements design. Refer to further details included in the contract	The Contractor will be responsible for the provision of temporary access equipment to allow access to the structures (e.g. MEWP). The type of access equipment is to be determined by the Contractor to ensure that it best suits their needs and the access restrictions.
(c) Arrangements for ensuring cooperation between duty holders and work is coordinated	

(3) Client Brief

(a) NATURE & DESCRIPTION OF THE PLANNED WORKS Purpose of the works including main function and operational requirements of the finished project Main elements of the works and what they comprise	The following works are to be undertaken for the two structures in question: <u>A1 224.00 East Markham Road Bridge:</u> <ul style="list-style-type: none">• Tested to report on the current condition on the steel beams' protective paintwork, and determine if any rectification works are required. <u>A1 225.10 Priestgate Bridge:</u> <ul style="list-style-type: none">• 3D Dimensional Point Cloud survey.• Identify any possible cracks occurred at steel beams flanges and/or web.• Identify any hollow sounding area at the concrete deck around the top flange of the damaged beams.• Condition investigation of concrete surrounding the shear studs and weld connection between shear studs and top flange.• Trial holes to identify the unknown service duct and confirm the presence of the existing services.• Tested to report on the current condition on the steel beams' protective paintwork, and determine if any rectification works are required.	
(b) PROGRAMME (TIMEFRAME AND BUDGET) Start date. (provisional or set), Contract period, budget. Restrictions imposed at certain times of year.	Start date and finish date is to be confirmed. Priest Gate and East Markham Road will be undertaken at the same time.	
(c) CLIENT Main point of contact	Client: Highways England, Stirling House, Lakeside Court, Osier Drive, Sherwood Business Park, Nottingham, NG15 0DS.	Contact: Daniel Walker Highways England, Stirling House, Lakeside Court, Osier Drive, Sherwood Business Park, Nottingham, NG15 0DS.
(d) SIGNIFICANT HAZARDS & PRECAUTIONS IDENTIFIED AT THE DESIGN STAGE		

THE DESIGN STAGE Reference should be made to the designer's hazard identification to provide greater depth and detail and suggested precautions. Utilising wherever possible drawings and schedules. Refer contractor to specific appendices in the contract for risks at different stages of construction. Eg. Traffic Management. Site hoarding, pedestrian routes, underground and overhead services.	Both of the structures have had asbestos surveys conducted and the structures will require a checklist to be completed for the instance that any asbestos is found on site. Please note that; 1) East Markham Road is confirmed to have asbestos containing material. 2) Priest Gate is confirmed to have asbestos containing material. The surveys will be provided to the Contractor for their information prior to the works. If asbestos is disturbed on site, works are to immediately cease and a Highways England representative is to be informed at the earliest convenience.		
(e) SIGNIFICANT HAZARDS & PRECAUTIONS IDENTIFIED AT THE CONSTRUCTION STAGE Include what steps the design team should reasonably take to ensure their designs help manage foreseeable risks during the construction phase and when maintaining, cleaning or demolishing a structure Compliance with Specification. Contamination. Risk associated with storage of materials.	Activity	Residual Hazard	Comments
	Investigation works (concrete breakout around shear studs)	Encounter with ACMs	Based on the most recent Asbestos Action Plan (2016), Asbestos Containing Materials (ACMs) and areas of presumed ACMs have been confirmed to be present to both /A1//224.00 – East Markham Road and /A1//225.10// - Priest Gate. • The abutment drainage pipes. • The east deck verges, in the cement ducts. • The utilities ducting in the deck. All locations of both confirmed and presumed ACM, are to be treated as if the asbestos is still present. If any present asbestos is disturbed as part of the works, the works are to cease immediately and a Highways England representative is to be notified as soon as possible.
	Concrete break out of concrete around the shear studs	Potential of severe structural damage or collapse	Extreme care to be taken at all time to avoid damaging of shear studs and existing deck reinforcements. Expert supervision to be on hand at all times during works.
	Working adjacent to buried services	Risk of damage to services.	There are BT fibre cables and water main passing through ducts along the south verge and north bridge deck. Works adjacent to services to be scanned, Services identified, marked and located prior to the start of Works. See drawing: HE601911-KIER-SGN-A1-225.1MP-DR-CB-0100-21
	Load of construction equipment on the bridge	Potential of severe structural damage or collapse.	No vehicles to park on the central suspended span over the damaged beams to prevent overload of structure and potential collapse of the bridge.
	Extreme weather condition	Risk of injury due to extreme weather condition.	Weather forecast to be reviewed and communicated to site team prior to start of Works.
(f) HIGH RISK OR COMPLEX HAZARDS (IF APPLICABLE SEE SCHEDULE 3) Include expected standards of health and safety, including safe working practices, and how these standards will be maintained throughout.			
(4) Existing Information Relevant to the Project			
(a) STRUCTURAL DRAWINGS AND SURVEYS Include any existing drawings or surveys e.g. Asbestos	Drawing Title	Rev	Reference
	Location Plan		HE601911-KIER-SGN-A1-225.1MP-DR-CB-0100-20
	Statutory Undertakers Information		HE601911-KIER-SGN-A1-225.1MP-DR-CB-0100-21
	Existing General Arrangement		HE601911-KIER-SGN-A1-225.1MP-DR-CB-0100-22
	Testing Locations		HE601911-KIER-SGN-A1-225.1MP-DR-CB-0100-24
	General Arrangement	Z	220021/GA/01
	Proposed Joint Details Sheet 1 of 2	Z	220021/23/01
	Proposed Joint Details Sheet 2 of 2	Z	220021/23/02
	East Markham Road General Arrangement		BR/3136/2
	East Markham Road Details of Deck Slab		BR/3136/4
	Priest Gate General Arrangement	B	BR/3137/1
	Priest Gate Details of Deck Steelwork	A	BR/3137/2
	Priest Gate Details of Deck Slab	B	BR/3137/3
	Priest Gate Details of Bank Seat & Pier	B	BR/3137/4
	Priest Gate Additional stiffeners to steelwork		BR/3137/5
	Priest Gate Setting Out		BR/3137/21
	Documents		
	Asbestos Action Plan 2016		
(b) THE HEALTH AND SAFETY FILE Include any relevant information from an existing health and safety file	Not Applicable		

--	--

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE