

pt

Kier Highways Project No: 1050464
Client Reference No: 569243
A46 Ratcliffe on the Wreake Junction
Pre-Construction Information

Red text is a suggested starting point. To be extended, edited or amended as required. Final text to be black.

	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;		X
2. Exceed 500 person days		X

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.

	Name	Signed	Date

'Reviewed by' & 'Accepted by' can be the same person for GG104 type A projects (where the Design Team Lead is the Scheme PD)

For High Risk Schemes this must be reviewed by Lead Principal Designer



Authorised By: Quality & Assurance Manager	Page 1 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



Site Specific Hazards Identified in Design		
<p>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.</p> <p>Note – Consideration to be given to all ‘populations’ affected, Workers, Users, Other Parties.</p>		
Activity	Residual Hazard	Comments
All works	Live traffic	Traffic Management Designer to produce Traffic Management Pack to ensure compliance with TSM Chapter 8 and current Code of Practice. Hazard remains: Site Manager to review proposed traffic management is suitable for the works.
Vehicle movements	Risk of vehicle interface with workers and general public	Agreed parking places need to be established. Traffic management to be in place to segregate road users.
Drainage survey	Manual handling	Manual handling: the contractor should review their risk assessment to ensure that all members of the team who are manual handling are appropriately trained.

1 Project Description	
Scope of Works	
<p>The site activities consist of vegetation clearance, a topographic survey and drainage survey.</p> <p>It is required that the topo and drainage survey teams coordinate between one another to ensure that all areas of the site can be accessed whilst vegetation clearance is carried out.</p> <p>All works will be undertaken under Traffic Management.</p> <p>See Scheme Drawings listed in current Document Issue Sheet</p>	
Location	
<p>The site is situated around the A46 Ratcliffe on the Wreake Junction, just north of Leicester.</p> <p>The site is a grade separated crossroads, with the A46 crossing over a minor road, connected by four slip roads. The insides of the junction are located on embankments, with the outsides of the junction being located in cuttings.</p> <p>Defective earthworks are identified on the Highways Agency Geotechnical Data Management System on the A46 on and off-slips surrounding the Ratcliffe on the Wreake junction, between:</p> <ul style="list-style-type: none"> – Start NGR: 462516, 314056 – End NGR: 462657, 314553 <p>The defective locations have been highlighted and shown in Figure 1.</p>	
Site Address	A46, Ratcliffe on the Wreake/ Broome Lane Junction

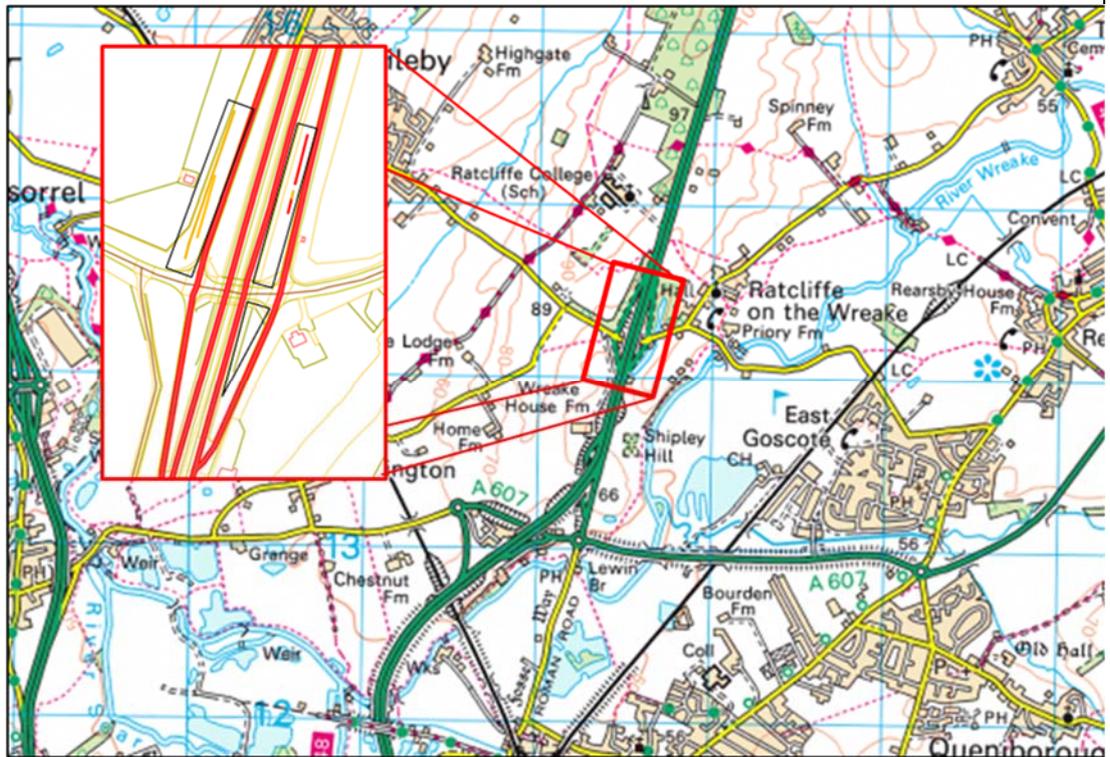


Authorised By: Quality & Assurance Manager	Page 2 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



1 Project Description

Figure 1: A46 Ratcliffe Site Location



Site Photographs



Authorised By: Quality & Assurance Manager	Page 3 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



1 Project Description

Northbound On-slip



Southbound On-slip



1 Project Description

Northbound Off-slip



SB Off-slip

1 Project Description

NB On-slip



SB On-slip



OSGR	From	Start NGR: 462516, 314056	To	End NGR: 462657, 314553
-------------	------	---------------------------	----	-------------------------



Authorised By: Quality & Assurance Manager	Page 6 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



1 Project Description					
Str Key / Name	Str Key	Structure Name: Ratcliffe Cross Roads (/A46//192.30//)			
One structure is recorded on HAGDMS and is a grade separated crossroads, with the A46 crossing over a minor road, connected by four slip roads.					
Traffic Management					
Traffic Management will consist of slip-road closures and a lane 1 closure of the SB and NB carriageways, in sequence. Traffic Management will be put out in each section sequentially with the SB on and off slip and lane 1 being closed at the same time.					
Anticipated Working Hours, subject to Traffic Counts			Night shifts: Cone on / off should be 8pm – 6am (which allows an 8 hour work shift, i.e. 9pm – 5am).		
Temporary lighting will need to be provided on site.					
Mobilisation Period	6 days	Anticipated Start Date	TBC	Anticipated End Date	TBC



Authorised By: Quality & Assurance Manager	Page 7 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



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



Authorised By: Quality & Assurance Manager	Page 8 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



3. Scheme Specific Requirements			
	Yes	No	Comments
A pre-start meeting will be mandatory			
Does a H&S file exist?		X	No Health & Safety file but there is as built drawings are available to confirm the existing verge make-up.
Site Welfare	X		It is anticipated that a mobile welfare van will be present on site for the duration of the works. Provided by the principal contractor
Security / Segregation	X		Landowners to be made aware of topographical survey along southbound on slip. Surveyors should be aware that a vehicle business is operated from the SB on-slip road. Care should be taken to avoid damage to their vehicles, to maintain cordial relationships and not to enter in to debate about ownership or about future construction plans.
Are there any restrictions on vehicle movements?	X		All site vehicles (incl. delivery vehicles) must abide by the Traffic Management requirements and regulations Enter and exit site from the dedicated points; 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.
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 without chapter 8 markings are allowed on site
Height Restrictions	X		None known
Overhead Cables		X	None
Structures	X		A46 Ratcliffe overbridge.
Will fire precautions be required?		X	No hot works are anticipated on site.
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 Northbound : Queens Medical Centre, Derby Rd, Nottingham NG7 2UH Southbound : Leicester Royal Infirmary, Infirmary Square, Leicester, Leicestershire, LE1 5WW
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 Traffic Management.

3. Scheme Specific Requirements			
	Yes	No	Comments
Are there any noise restrictions?		x	None known, but noise to be kept to a minimum. Idling machinery and vehicles to be kept to a minimum or switched off when not in use. Best practicable means of noise control, as described within BS 5228-1:2009+A1:2014 'Code of Practice for Noise and Vibration Control on Construction and Open Sites', should be implemented in order to minimise the risk of disturbance. The British Standard provides specific detail on suitable measures for noise control in respect to construction operations.
Are temporary works required?		x	None other than traffic management
Are there any vibration restrictions?		x	None
Are there any poor or hazardous ground conditions	x		Embankment slopes are steep and of potentially marginal stability, so heavy plant is not recommended on slopes.
Are there any unstable structures?		X	None
Are there any areas classed (existing or designed) classed as confined spaces?		X	None
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		Ecological Clerk of works to be present during vegetation clearance.

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.

Lead

Scope of Works are unlikely to encounter lead.

Tar based pavement/surfacing

Risk of Tar in lower pavement layers, however these are not anticipated to be disturbed by the works.

Leptospirosis/Weil's disease / Psittacosis Contact with highway drainage during works leads to potential risk of exposure to Weil's disease.

Welfare facilities and PPE including gloves will be required.

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 Document Issue Sheet		
Statutory Undertaker	Not Present	Over head	Under ground	Comments
Electricity If overheads cables are identified they should be clearly marked on the scheme drawings				
400/132kV [pylons]	X			
66kV	X			
33kV	X			
11kV		x		Overhead cable along the western scheme extents
240/415Volts			X	LV underground electric
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	Virgin Media on southbound on and off slip.
British Telecom If overheads cables are identified they should be clearly marked on the scheme drawings				
British Telecom		X	X	BT buried and overhead cables
National Grid				
National Grid	X			
Cadent Gas				
LP Mains	X			
MP Mains	X			
IP Mains	X			
LHP Mains	X			
NHP Mains	X			



Authorised By: Quality & Assurance Manager	Page 11 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



4. Existing Services		Refer to STATS plans listed in Document Issue Sheet		
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			
Other				
		x		Water mains located on all slip roads and gas in overbridge

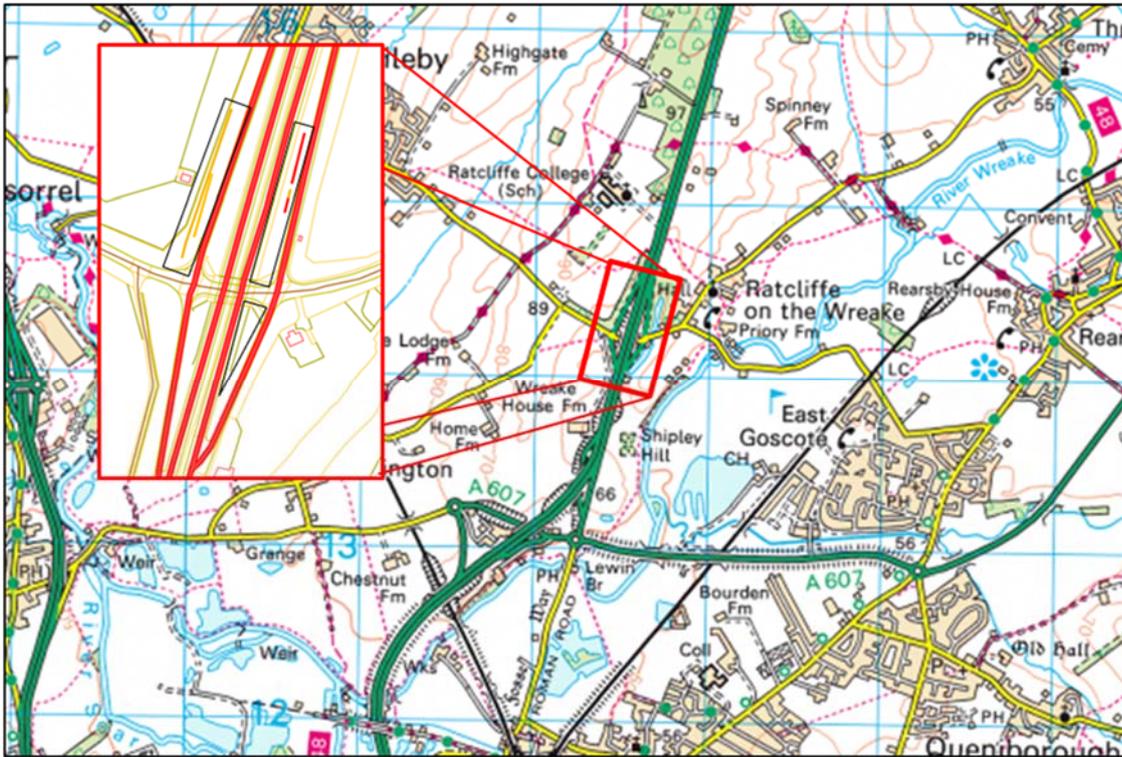
5. Health and Safety file requirements

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

Figure 1 site location plan



Appendix B - Construction Drawings

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

Drawing Number	Title	Revision / Date
0600_01	Location Plan	Aug 2019
0600_03	C2 Services Plan	Aug 2019

Appendix C - Statutory Undertaker Drawings

The Statutory Undertakers drawings are available no Kier’s system and a composite drawing has been produced.

Reference	Rev	Title	Company
0600_03	C1	C2 Services Plan	Kier



Authorised By: Quality & Assurance Manager	Page 13 of 14	808587197
Author: Brendan McNicholas	Date: October 2019	Version: ECM
As part of our system review, this document is valid until Oct 19		



Appendix D – Overhead cables

11kv electrical cable to south of site but not in scheme extents.
BT overhead cable across the western extent of the scheme.

Appendix E - List of Structures

Structure	Type	Location Ref	Str key	OSGR
Ratcliffe Cross Roads	Over Bridge	/A46//192.3 0//	9918	46257, 314207