

HS2 FORM TM1

Highway Authority	Highways England
Street(s)/USRN(s)	A446 Southbound
HS2 Consent Reference	THW.AN.HE.LMJV.0299
Contractor document reference	1EW04-LMJ-HW-SCH-N003-060008
Submission Date (to Highway Authority)	17/10/2019
Proposed start date of works	10/11/2019
Proposed end date of works	20/12/2019
Consultation end/ requested response date	01/11/2019
Deemed consent date (if required)	14/11/2019

Temporary Interference with the Highway

In accordance with the powers set out in the **High Speed Rail (London - West Midlands) Act 2017**, the Contractor, acting on behalf of and, as agent for the Nominated Undertaker, hereby consults the highway authority and/or requests highway authority consent under Schedule 2, 4 and/or 33 as identified below:

Consultation with the highway authority:	
The temporary interference / works is on a street or location that is listed in Table 3 of Schedule 4 to the Act (Schedule 4 Part 2 paragraph 6)	<input type="checkbox"/>
Consent of the highway authority:	
The temporary interference / works is on a street or location not listed in Table 3 of Schedule 4 of the Act (Schedule 4 Part 2 paragraph 6)	<input checked="" type="checkbox"/>
Trial holes (Schedule 2 only)	<input type="checkbox"/>
Protective provisions (Schedule 33) [mark as appropriate]	
Works to a bridge requiring temporary interference, (Schedule 33 para 6)	<input type="checkbox"/>
Alteration/disturbance to apparatus of the highway authority affixed to or placed under any highway or, access to the apparatus of the Highway Authority, (Schedule 33 Para 9)	<input checked="" type="checkbox"/>
Depositing soil or materials or storing plant on the highway (Schedule 33 Para 12)	<input type="checkbox"/>
Erection of scaffolding or screening (or hoarding) in the highway (Schedule 33 Para 12)	<input type="checkbox"/>

Table 1. High level summary <i>(mark as appropriate)</i>	Alteration to apparatus of the highway authority	<input checked="" type="checkbox"/>	Deposit of material on the highway	<input type="checkbox"/>	Footway Works only	<input type="checkbox"/>	Peak hours	<input checked="" type="checkbox"/>	Works to PRow	<input type="checkbox"/>	Give and Take	<input type="checkbox"/>	Contra - flow	<input type="checkbox"/>	Lane Closure	<input checked="" type="checkbox"/>	Portable temporary traffic signals (<i>delete as required</i>) 2-way multiphase	<input type="checkbox"/>	Priority working	<input type="checkbox"/>	Narrowing of Lane	<input checked="" type="checkbox"/>
	Trial holes	<input type="checkbox"/>	Erection of scaffolding/hoarding	<input type="checkbox"/>	Works in the carriageway	<input checked="" type="checkbox"/>	Off Peak	<input checked="" type="checkbox"/>	Street works (NRSWA)	<input type="checkbox"/>	Stop / Go	<input type="checkbox"/>	Signage only	<input type="checkbox"/>	Road Closure	<input checked="" type="checkbox"/>	Works to existing or new traffic signals infrastructure	<input type="checkbox"/>	Associated utility works	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>

Table 2. Detailed works description, traffic management phasing and intended programme

Row No.	Road name	Extent of Temporary Interference	Consent or Consultation	USRN	Grid Ref	EToN reference	TM Phase	TM drawing reference	Description of works	Description of associated traffic management	TM operational hours	Proposed Works Start Date	Estimated Works End Date
1	A446(S)	M6 Junction 4 to Packing Lane Junction with A446(S)	Consent	99505889	SP 20003 86456 to SP 20642 84142		Phase 1	TFX SC0028 014	Works Access Construction	Full closure of the A446(S) to allow the installation of a 24/7 lane closure and BG800 barrier	8pm to 6am	10/11/2019	11/11/2019
2	A446(S)	M6 Junction 4 to Packing Lane Junction with A446(S)	Consent	99505889	SP 20003 86456 to SP 20642 84142		Phase 2	TFX SC0028 013	Works Access Construction	Lane closure on the A446(S) and BG800 barrier located on the carriageway	24/7	10/11/2019	16/12/2019
3	A446(S)	M6 Junction 4 to Packing Lane Junction with A446(S)	Consent	99505889	SP 20003 86456 to SP 20642 84142		Phase 3	TFX SC0028 014	Works Access Construction	Full closure of the A446(S) to allow the removal of the 24/7 lane closure and BG800 barrier	8pm to 6am	15/12/2019	16/12/2019
4	A446(S)	M6 Junction 4 to Packing Lane Junction with A446(S)	Consent	99505889	SP 20003 86456 to SP 20642 84142		Phase 4	TFX SC0028 016	Works Access Construction	Lane closure on the A446(S). Also is a full closure of the A452(S) with a diversion route via Biddles Loop, M6 J4 roundabout and then the A446(S)	8pm to 6am	16/12/2019	20/12/2019

Notes.

NOMS event number for full closure to install: 131012

NOMS event number for 24/7 lane closure: 97232

NOMS event number for full closure to remove: 131011

NOMS event number for the overnight lane closure on the A446(S): 133045

Details of pre-application discussions with the Highway Authority and stakeholders

Date	Details
12/09/2019	Discussed details of the change of TM at the TLG
02/10/2019	Discussed at weekly BIS update meetings/ skype calls. Latest being 02 Sep 19.

Details of associated consents/approvals

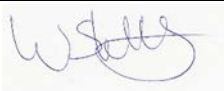
Schedule 4 Part 1 submitted for the access construction.

Document references and supporting information

Title	Phase (from Table 2)	Reference	Version
A446 road closure TM drawing	Phase 1	TFX SC0028 014	Rev A
A446 lane closure TM drawing (24/7) - Left in for information purposes.	Phase 2	TFX SC0028 013	Rev B
A446 lane closure & A452(S) full closure TM drawing (off peak)	Phase 3	TFX SC0028 014	Rev B
A446 lane closure & A452(S) full closure TM drawing (off peak)	Phase 4	TFX SC0028 016	
BG800 N2W2 general Arrangement		BG-70-18	Rev A

Contractor Signature

This submission is made by the Contractor on behalf of and as agent for the Nominated Undertaker.
 HS2 Ltd authorises the contractor to submit the application for consultation or, as required, consent of the highway authority
[Contractor must obtain acceptance from HS2 before submitting the form to the highway authority]

Contractor	LM-JV Cornerblock, Two Cornwall Street, Birmingham, B3 2DX
Contractor Authorised Signatory	 Wayne Skells, Traffic Manager
Contractor Site Contact Details	TSCO – 07943 813777

Highway Authority Response Sheet

To be completed by the Highway Authority and provided as a response to the application

HS2 Consent Reference:	
Street(s):	
Submission Date:	
Response Date:	

Local Highway Authority Response

Highway Authority:	
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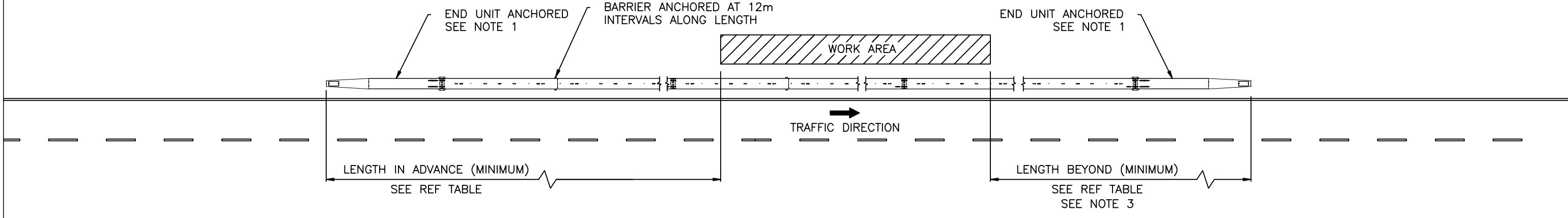
Decision on the application by the highway authority, if consent is required:

Consent granted <input type="checkbox"/>	<i>If consent withheld or consent with comments, state ground(s) below:</i>
Consent granted with comments <input type="checkbox"/>	
Consent withheld <input type="checkbox"/>	
Consultation <input type="checkbox"/>	<i>[Insert comments on consultation]</i>

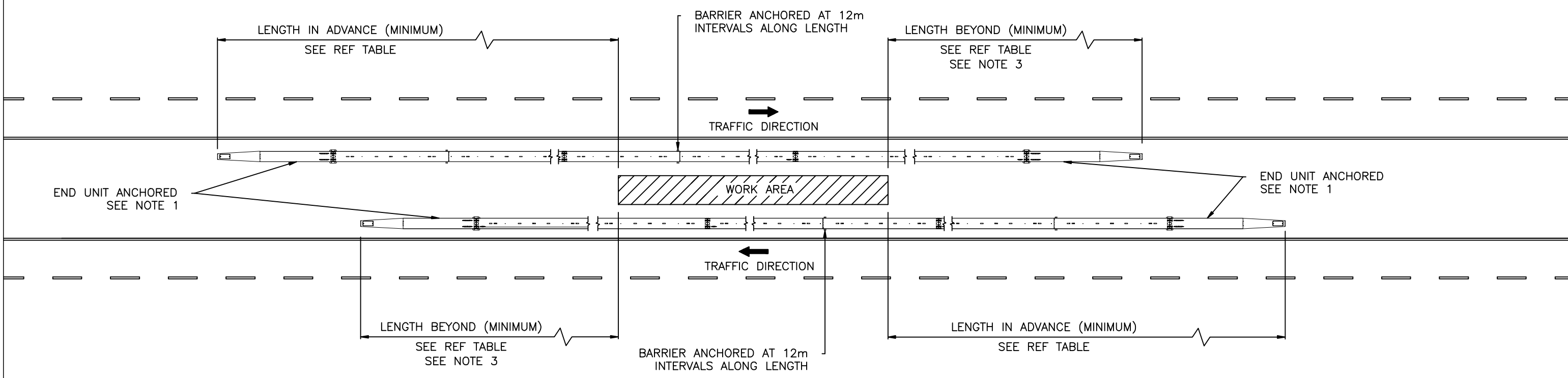
Signature: _____ Date: _____

Name of highway authority's authorised representative: _____

VERGE APPLICATION



CENTRAL RESERVE APPLICATION

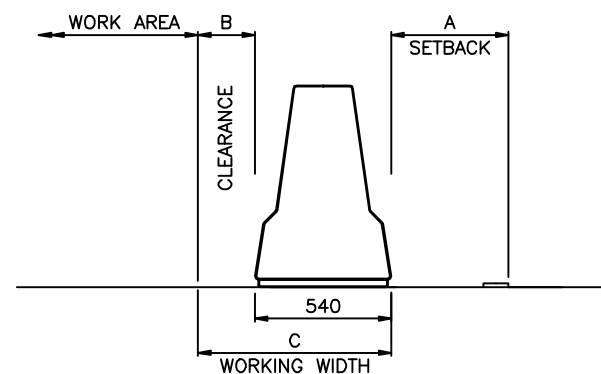


REFERENCE TABLE

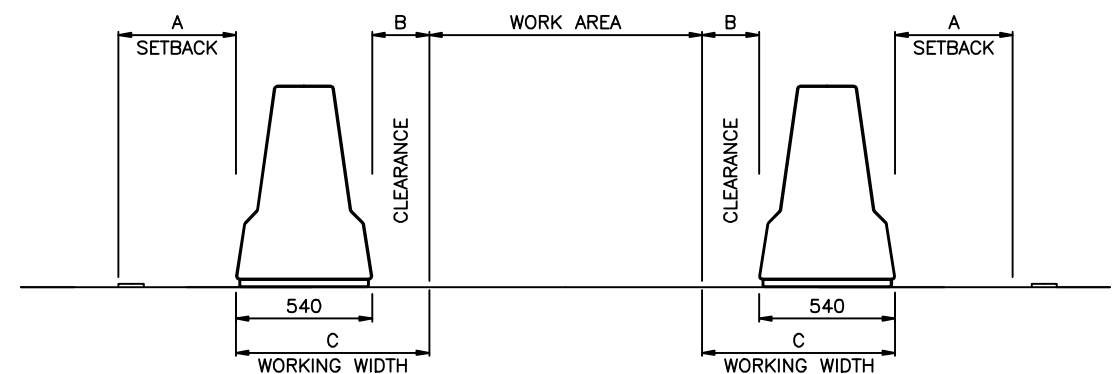
SPEED (MPH)	LENGTH IN ADVANCE (m)	LENGTH BEYOND (m)	A (mm) RELAXED	A (mm) DESIRABLE	B (mm)	C (mm)
30	24	12	375	600	40*	W2 ≤ 800
40	24	12	375	600	70*	W2 ≤ 800
50	36	24	375	600	100*	W2 ≤ 800
60	36	24	600	1000	160*	W2 ≤ 800
70	36	24	600	1000	200	W2 ≤ 800

* ESTIMATED DEFLECTION USING ACTUAL TEST RESULTS

VERGE APPLICATION – CROSS SECTION

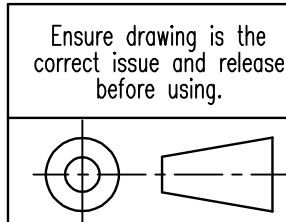


CENTRAL RESERVE APPLICATION – CROSS SECTION



NOTES:

- APPROACH END OF BARRIER CAN BE FLARED AWAY FROM TRAFFIC OVER APPROXIMATELY 12m. FOR END TREATMENT OPTIONS PLEASE CONTACT HIGHWAY CARE.
- CLARENCE AREA DEPENDENT ON SPEED LIMIT.
- IF BARRIER IS TO BE USED TO CREATE A CONTRAFLOW DIVIDER BETWEEN TWO OPPOSING FLOWS OF TRAFFIC THE LENGTH BEYOND NEEDS TO BE EQUAL TO THE LENGTH IN ADVANCE.
- IF BARRIER IS USED IN A CONTRAFLOW SITUATION THE BARRIERS DEFLECTION SHOULD BE TAKEN INTO CONSIDERATION WHEN CHOOSING YOUR SETBACK DIMENSION.
- RELAXED SETBACKS CAN BE USED IF REQUIREMENTS STATED IN NOTES A – C OF SECTION 8.19 IN TD19/06 ARE MET.
- BARRIER TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
- ALL WORKS SIGNAGE SHOULD BE IN ACCORDANCE WITH THE CURRENT TRAFFIC SIGNS MANUAL.



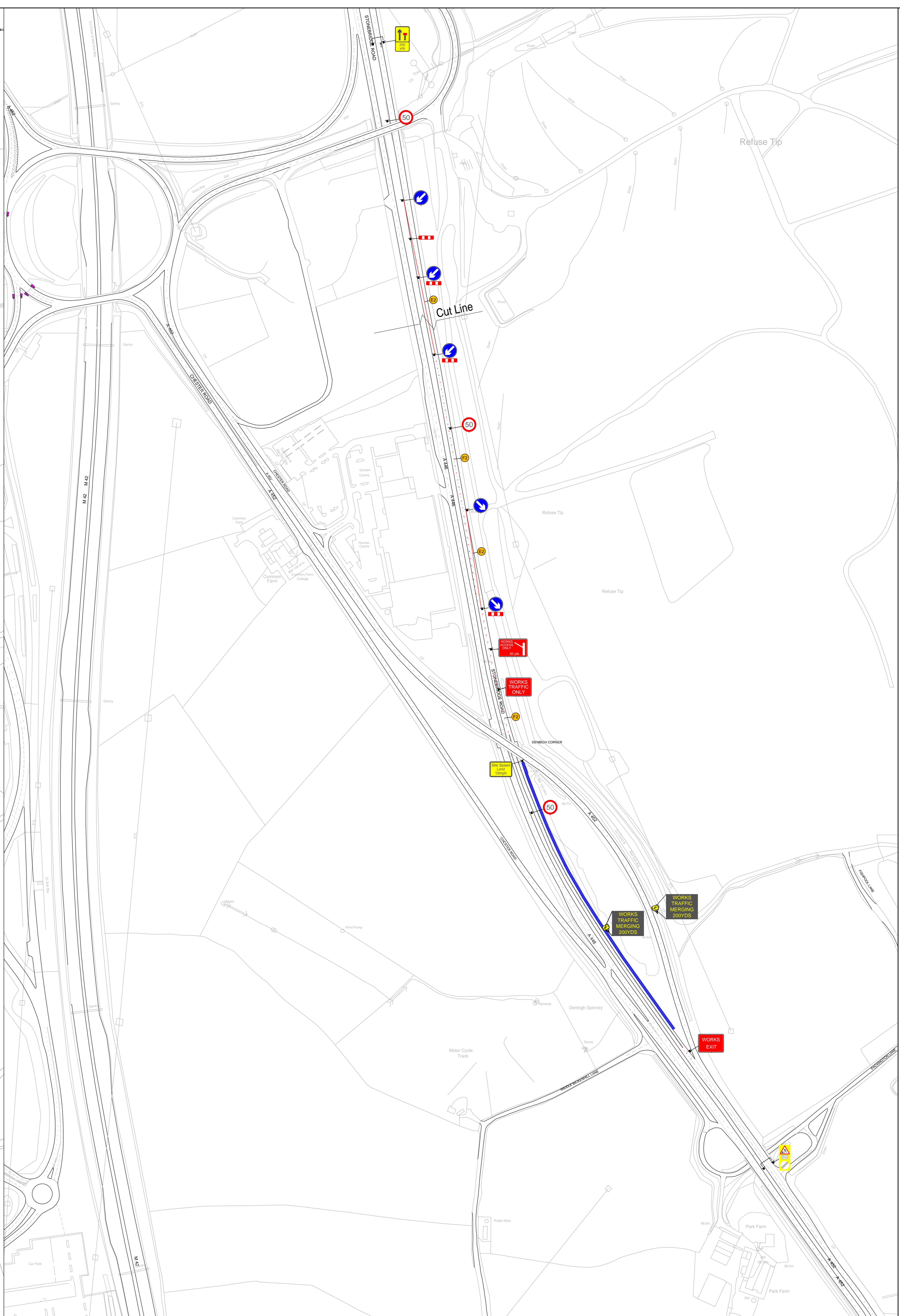
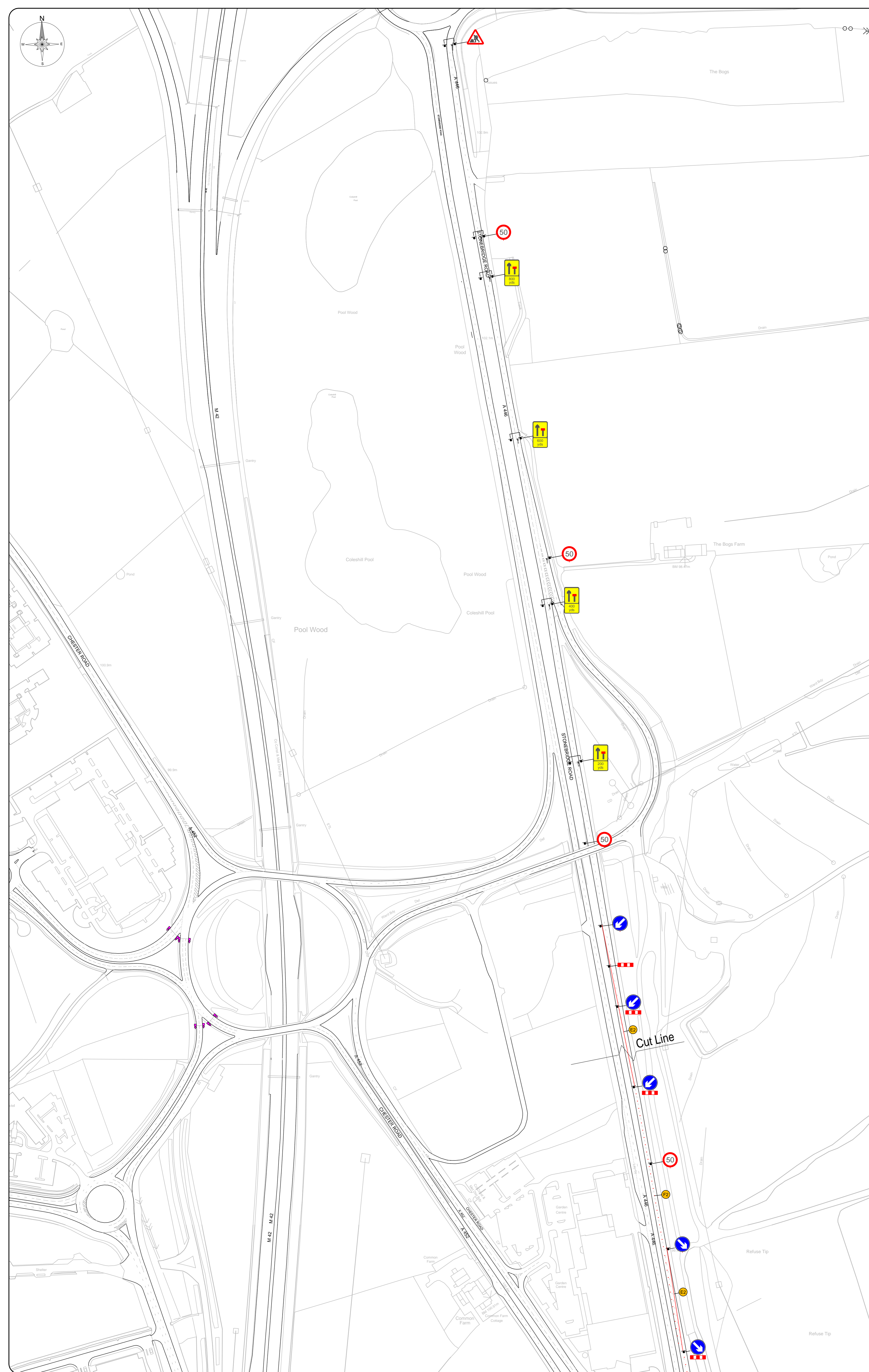
Ensure drawing is the correct issue and release before using.

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Highway Care Ltd

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Rev.	Details.	Dwn.	Date.	Ch'k'd	App'd	Title	Project		
A	DRAWING RELEASED	MH	09.01.13	AB	AB	BARRIERGUARD 800 N2W2 EN1317-2 GENERAL ARRANGEMENT	Project		
						DWG No. BG-70-18	ISO A3 Landscape	DO NOT SCALE	ALL DIMENSIONS IN mm
						SHEET 1 OF 1	Revision	A	Status RELEASED



Key	
	Line of Works
	Works Area
	Head Course
	Cone
	Pavement Barrier
	Temporary Sign
	Temporary Traffic Signal
	Stop & Go Board
	Permanent Traffic Signal
	Temporary Post Sign
	Working Area Sign
	5.5T Van

Notes	
Min width of sideways safety zone (S)	1.2m
Min length of longways clearance (L)	100m
	Chester Road
	Stonebridge Road

DETAIL E2

Temporary road studs fluorescent return yellow (yellow/green) bodies and unidirectional reflectors colored amber when on the right and red on the left conforming to direction of travel.

Running lanes:

AP Cones or 600mm - 750mm traffic cones, spacing 3m, relaxation 3m, or temporary vehicle safety barrier.

750mm traffic cones, spacing 1.5m, relaxation 3m, or temporary vehicle safety barrier.

Notes:

- During darkness, warning lights to BS EN 12382:2008 should be provided in accordance with Table A1.3 (Appendix 1).
- On motorway and N2, AP studs with hard shoulders, 1m cones will be required for both approach and relaxation works for head spans and the facing wall of lane changes.

DETAIL F2

Temporary road studs fluorescent return yellow (yellow/green) bodies and unidirectional reflectors colored amber when on the right and red on the left conforming to direction of travel.

Running lanes:

750mm traffic cones or temporary vehicle safety barrier.

Notes:

- During darkness, warning lights to BS EN 12382:2008 should be provided in accordance with Table A1.3 (Appendix 1).

BARRIER

Temporary road studs fluorescent return yellow (yellow/green) bodies and unidirectional reflectors colored amber when on the right and red on the left conforming to direction of travel.

Running lanes:

750mm traffic cones or temporary vehicle safety barrier.

Notes:

- During darkness, warning lights to BS EN 12382:2008 should be provided in accordance with Table A1.3 (Appendix 1).

All conflicting road markings to be backed out for the duration of the works.

Rev	Description	By	Date
1	Issue for tender	CM	17/08/2019
2	Revised road markings	CM	17/08/2019
3	Revised road markings	CM	17/08/2019
4	Comments	CM	17/08/2019

MURPHY
 Working in Partnership with
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 info@traffix.com | www.traffix.com

Project Information			
Proposed Lane Closure			
A446 Stonebridge Road			
Bickenhill			
B22 0DY			
Date:	Scale:	Project:	
17/08/2019	1:2000	AD	
Client:	Contract:	Approval:	
CM	MO	KD	
Project Reference:	Drawing Number:	Revision:	
TPX SC0028	013	B	

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Key	
	Line of Works
	Works Area
	Road Closure
	Proposed Road
	Close
	Parkway Barrier
	Temporary Sign
	Temporary Traffic Signal
	Stop & Go Board
	Temporary Traffic Signal
	Temporary Red Signal
	Working Red Sign
	1.5M Van

Notes	
Min width of sideways safety zone (S)	1.2m
Min length of longways clearance (L)	100m
	Chester Road
	Stonebridge Road

17/08/2019	12:00	AD
17/08/2019	12:00	AD
17/08/2019	12:00	AD
17/08/2019	12:00	AD

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Project Information			
Proposed Road Closure A444 Stonebridge Road Bickenhill B92 0DY			
Date:	Scale:	Project:	
17/08/2019	1:2000	AD	
Client:	Contract:	Region:	
CM	MO	KO	
Project Number:	Drawing Number:	Revision:	
UTX SC0028	014	A	

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