

M42 Junction 6 Development Consent Order

Scheme Number TR010027

8.1(a) Accompanied Site Inspection (ASI) Information Pack

Planning Act 2008

Rule 8 (1)(k)

The Infrastructure Planning (Examination Procedure) Rules 2010

Volume 8

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Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Examination Procedure) Rules 2010

M42 Junction 6 Development Consent Order
Development Consent Order 202[]

Accompanied Site Inspection (ASI) Information Pack

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1 Introduction

1.1 Purpose of this document

- 1.1.1 The purpose of this document is to set out the locations which the Applicant suggests the Examining Authority visits as part of the Accompanied Site Inspection (ASI).
- 1.1.2 The ASI is scheduled to take place over two days, on 3 and 4 July 2019.

1.2 Structure of this document

- 1.2.1 This document comprises two chapters, as follows:

Chapter 1: Introduction

Chapter 2: Itinerary

Appendix A: Sign-in Sheet

Appendix B: Route Maps

Appendix C: General Arrangement Plans

Appendix D: Risk Assessment

2 Itinerary

- 2.1.1 The proposed itinerary is set out in Table 1. This includes timings and a description of what is to be observed at each location.
- 2.1.2 The vehicle(s) will be provided by the Applicant for the site visit, although some of the locations will be observed on foot, possibly on uneven or wet ground. Note that a substantial portion of the site visit will be undertaken on footpaths, some of which are accessed via stiles and by walking along local roads where there may not be a footway. Therefore, these elements of the visit are subject to access being suitable for all attendees, to good visibility and to weather conditions being appropriate.
- 2.1.3 With this in mind, attendees should ensure that appropriate footwear and clothing are worn. The Applicant will provide high-visibility vests.
- 2.1.4 The Applicant will bring any relevant plans or photomontages.

Table 1 Proposed Itinerary for the ASI – Day 1

Stop	Timings	Description
	09:30 arrival for 10:00 departure	Birmingham International railway station Birmingham International railway station will be used as a meeting point for the ASI, allowing access for attendees by public transport or car. A compulsory site briefing from the Applicant (including health & safety and welfare information) will take place at 09:30, and Day 1 of the ASI will begin at 10:00.
1	10:05 – 11:00	B4438 Catherine-de-Barnes Lane: Four Winds, Birmingham Dogs Home, location of proposed Barber's Coppice Roundabout and realigned B4438 Catherine-de-Barnes Lane The vehicle will travel to Clock Interchange and south on B4438 Catherine-de-Barnes Lane to park at Birmingham Dogs Home (subject to agreement) and the site visit will take place on foot in the vicinity to observe these sites. Four Winds will be observed first with Mr O'Reilly, from where Viewpoint EE (Figure 8.1 of Viewpoint Location Plan, Sheet 1) can be observed. The view towards Catherine-de-Barnes will also be pointed out. The group will use the public footpath to the north of Four Winds (M113a) and walk into the field. If it is safe and appropriate to do so, the party will also cross B4438 Catherine-de-Barnes Lane and access public footpath M122 and walk along this for approximately 400m. From here, Viewpoint T (Figure 8.1 of Viewpoint Location Plan, Sheet 1) can be observed. The group will then walk back along the footpath and return to the vehicle.
2	11:05 – 11:40	B4438 Catherine-de-Barnes Lane: the Warwickshire Gaelic Athletic Association (WGAA) facility – Páirc na hÉireann The vehicle will travel from Birmingham Dogs Home north on B4438 Catherine-de-Barnes Lane to park at the WGAA facility (subject to agreement), and the ASI will continue

		on foot within the WGAA grounds. The view towards Catherine-de-Barnes will be pointed out, as shown in Viewpoint Q (Figure 8.1 of Viewpoint Location Plan, Sheet 1). From here, it is possible to use the footway to walk southbound along B4438 Catherine-de-Barnes Lane to observe Viewpoint R (Figure 8.1 of Viewpoint Location Plan, Sheet 1). The party will then walk back to the vehicle.
-	11:40 – 12:00	Break An option for a stop for a break is the fuel station on the A45 Coventry Road between Clock Interchange and Junction 6.
3	12:05 – 12:15	B4438 Catherine-de-Barnes Lane: Braceys Nurseries The vehicle will travel to Braceys Nurseries, the entrance to which is located off St Peters Lane. Braceys Nurseries can be observed on foot and Viewpoint FF (Figure 8.1 of Viewpoint Location Plan, Sheet 1) can be viewed from this location. The party will then walk back to the vehicle.
4	12:20 – 13:20	Bickenhill and B4438 Catherine-de-Barnes Lane: St Peters/Church Lane junctions, Church Farm Accommodation, Bickenhill Green Court and railway line The vehicle will travel north along B4438 Catherine-de-Barnes Lane to St Peters Lane (at the northern end of Bickenhill) and park in the spaces available near Bickenhill Church. Note that this is subject to agreement and the size of the vehicle used. There is footway access to the junction of St Peters Lane and B4438 Catherine-de-Barnes Lane, where much of Viewpoint J (Figure 8.1 of Viewpoint Location Plan, Sheet 1) can be observed. The party will view the St Peters/Church Lane junction and return to Church Lane to visit Church Farm Accommodation (Ms Burton) and Bickenhill Green Court (Mr Cotterill) on foot. This will be an appropriate location to meet with representatives of Bickenhill and Marston Green Parish Council, as requested. Footpath M106 will be accessed from Church Lane to observe the proposed site of the main compound. The party will return to Church Lane and walk further east along the lane and onto Footpath M107. Note that this involves walking on a lane without a footway and accessing a footpath over a stile. Footpath M107 provides access to the pedestrian footbridge that crosses the West Coast Mainline, which offers a view of the railway passing beneath the M42 south of Junction 6. The party will walk back to the vehicle, which will then need to turn and travel back down Church Lane.
-	13:20 – 14:20	Lunch Options for lunch stops include Braceys Nurseries and Resorts World.
5	14:25 – 14:45	Clock Lane/Airport Way Connector Road The vehicle will travel onto B4438 Catherine-de-Barnes Lane. Subject to agreeing parking provision along Clock Lane (most likely at the entrance to the Severn Trent

		Water aqueduct pumping station), the following can be observed: Clock Lane, B4438 Catherine-de-Barnes Lane, the new mainline link road, the location of the proposed free-flow link to the Airport Way connector road, local vulnerable user routes and the A45 Coventry Road westbound free-flow link.
6	14:50 – 15:30	Haven Caravan Park and local footways The vehicle will remain parked at Clock Lane (subject to agreement) and, using existing footways, the ASI attendees can observe the location of the possible second access to Haven Caravan Park. The area of the new mainline link road and realigned B4438 Catherine-de-Barnes Lane can also be observed. From here, the party will walk southbound along B4438 Catherine-de-Barnes Lane and along Footpath M109 south of St Peters Lane which extends to the west. The party will travel on foot for a short distance along the footpath and observe Viewpoint K (Figure 8.1 of Viewpoint Location Plan, Sheet 1) towards B4438 Catherine-de-Barnes Lane. The party will then walk back to B4438 Catherine-de-Barnes Lane, walk south and travel along the next public footpath, M112, to the west for a short distance. From here Viewpoint L (Figure 8.1 of Viewpoint Location Plan, Sheet 1), towards B4438 Catherine-de-Barnes lane, can be observed. The party will then walk back to B4438 and, if it is safe to do so, cross the road and observe the footpath on the opposite side of the road before crossing back over the road and returning to the vehicle.
7	15:30 – 15:40	Birmingham Airport/Bickenhill Lane The vehicle will travel to Birmingham Airport. The site visit will continue from the vehicle, which will travel around Bickenhill Lane and Airport Way.
-	15:40 – 15:55	Break An option for a stop for a break is the fuel station on the A45 Coventry Road between Clock Interchange and Junction 6.
8	16:00 – 16:30	Arden Hotel/Clock Interchange The vehicle will travel to Arden Hotel and park here (subject to agreement) so that the site visit can continue on foot. From here the Arden Hotel, A45 Coventry Road pedestrian overbridge, local gas governor, extent of footway stopping-up and location of A45 Coventry Road eastbound to M42 northbound free-flow link will all be observed. Footways will be used to access and observe elements of Clock Interchange where safe and appropriate to do so. The party will then return to the vehicle.
9	16:35 – 16:55	NEC and Resorts World The vehicle will travel from Arden Hotel to Junction 6 where the vehicle will access the NEC on South Way. The site visit will continue as a journey around Resorts World and NEC land/car parks, including car parks E4, E5, S3, S5 and S7. The vehicle may be able to park at the NEC to observe the affected overhead utilities (subject to

		agreement). The vehicle will travel across East Way bridge, from where the site of the proposed HS2 Automated People Mover structure over the M42 will be pointed out. The vehicle will use the roundabout to turn back to the NEC.
-	17:00	Close The vehicle will return to Birmingham International railway station and Day 1 of the ASI will end.

Table 2 Proposed Itinerary for the ASI – Day 2

Stop	Timings	Description
	09:30 arrival for 10:00 departure	Birmingham International railway station Birmingham International railway station will be used as a meeting point for the ASI, allowing access for attendees by public transport or car. A compulsory site briefing from the Applicant (including health & safety and welfare information) will take place at 09:30, and Day 2 of the ASI will begin at 10:00.
10	10:05 – 10:10	A45 Coventry Road from Clock Interchange to Junction 6 The vehicle will travel from Birmingham International railway station to Clock Interchange and on to Junction 6, allowing the observation of the A45 Coventry Road along this stretch.
11	10:10 – 10:15	Middle Bickenhill Lane/East Way The vehicle will travel across Junction 6, observing Junction 6 from the vehicle, and travel to East Way, where East Way and Middle Bickenhill Lane will be observed from the vehicle. From East Way, the vehicle will turn around using East Way roundabout to merge onto the A45 Coventry Road eastbound, before taking a left turn onto the A452.
12	10:15 – 10:25	HS2 Area and Birmingham Business Park The vehicle will travel along the A452, past the development area for HS2, to the roundabout with Birmingham Business Park. The vehicle will make a loop of Birmingham Business Park.
13	10:25 – 10:30	A45 Coventry Road from Stonebridge to Junction 6 The vehicle will travel back along the A452 to Stonebridge roundabout (the junction with the A45 Coventry Road), before taking the A45 Coventry Road westbound to Junction 6.
14	10:35 – 11:00	National Motorcycle Museum (NMM) and Junction 6 Subject to agreement, the vehicle will park at the NMM. From here, access on foot to Junction 6 interchange by existing footway provisions will allow observation of Junction 6 and the NMM. From here the party will then access Footpath M107 via Old Station Road and walk to the A45 Coventry Road.
-	11:05 – 11:20	Break

		An option for a stop for a break is the fuel station on the A45 Coventry Road between Clock Interchange and Junction 6.
15	11:30 – 11:45	Oak Tree Lodge, Shadowbrook Lane The vehicle will travel to Shadowbrook Lane, accessed from B4438 Catherine-de-Barnes Lane. The vehicle will travel along Shadowbrook Lane to Oak Tree Lodge (Mr Bennett's property), where it will need to park in the driveway (subject to agreement). Oak Tree Lodge will be observed here. The vehicle will need to turn in the driveway to exit.
16	11:50 – 12:15	Bickenhill Meadows Site of Special Scientific Interest (SSSI), Southeast (SE) Unit As it is not possible for the vehicle to park outside the SSSI SE Unit due to its size, permission is being sought to park at other suitable nearby locations (such as Heath End House), from which the group can walk to the SSSI SE Unit access point on Shadowbrook Lane. The SSSI SE Unit can then be observed on foot (subject to agreement).
17	12:20 – 12:50	Solihull Road bridge, site of proposed Motorway Service Area (MSA), nearby residential properties and Aspbury's Copse Ancient Woodland at Junction 5a The vehicle will travel to B4438 Catherine-de-Barnes roundabout and along B4102 Solihull Road to the existing bridge which crosses the M42. The site of the proposed MSA will be pointed out from the vehicle. If possible, the vehicle will park at the residential properties being observed. This will enable observation of the properties adjacent to the location of the proposed overbridge and Junction 5a (Mayfield and Woodside). Aspbury's Copse Ancient Woodland can be accessed via the footpath from the suggested parking location, subject to agreement and access path being suitable.
-	12:55 – 13:55	Lunch Options for lunch stops include Braceys Nurseries and Resorts World.
18	14:00 – 14:25	Hampton in Arden (and Hampton in Arden Conservation Area) and listed buildings The vehicle will travel along B4102 Solihull Road into Hampton in Arden and onto Marsh Lane to enter the car park at Fentham Hall. The vehicle will park here (subject to agreement) and the site visit will continue on foot to observe the Grade I or Grade II* listed buildings of interest. The group will walk to High Street, past the Church of St Mary and St Bartholomew and up the lane to the clock tower attached to Hampton Manor. Observation of the Moat House (along the B4102) is unlikely to be possible.
19	14:30 – 15:00	Catherine-de-Barnes and Grand Union Canal The vehicle will travel from Hampton in Arden along B4102 Solihull Road to Catherine-de-Barnes. Subject to agreement, the vehicle will park at The Boat Inn and the site visit will continue on foot. The group will cross the

		B4102 Hampton Lane and walk the short distance to the east to the Grand Union Canal. Note that this will involve crossing the road again just after the bridge, and is subject to suitable visibility. The party will walk south along the Grand Union Canal towpath for a short distance. Note that due to the substantial walking distance to reach this location, the site visit will observe the portion of the Grand Union Canal closest to Catherine-de-Barnes, unless the group as a whole wishes to walk the whole stretch. The group will walk back to the vehicle, which will then continue on the B4102 west.
20	15:05 – 15:30	M42 between Junctions 5 and 7 From the B4102, the vehicle will travel along the A41. The vehicle will travel northbound on the M42 from Junction 5 to Junction 6. On approach to Junction 6, it will be pointed out where the M42 passes over the railway line. The vehicle will continue past Junction 7 and will need to turn around at Junction 9 to travel southbound on the M42 back towards Junction 6.
-	15:35	Close The vehicle will exit at Junction 6 of the M42, take the A45 Coventry Road westbound towards Clock Interchange and return to Birmingham International railway station where Day 2 of the ASI will end.

Appendix A: Sign-in Sheet

Please sign below to confirm you have read and understood the disclaimer, and to ensure we have accurately recorded the attendees.

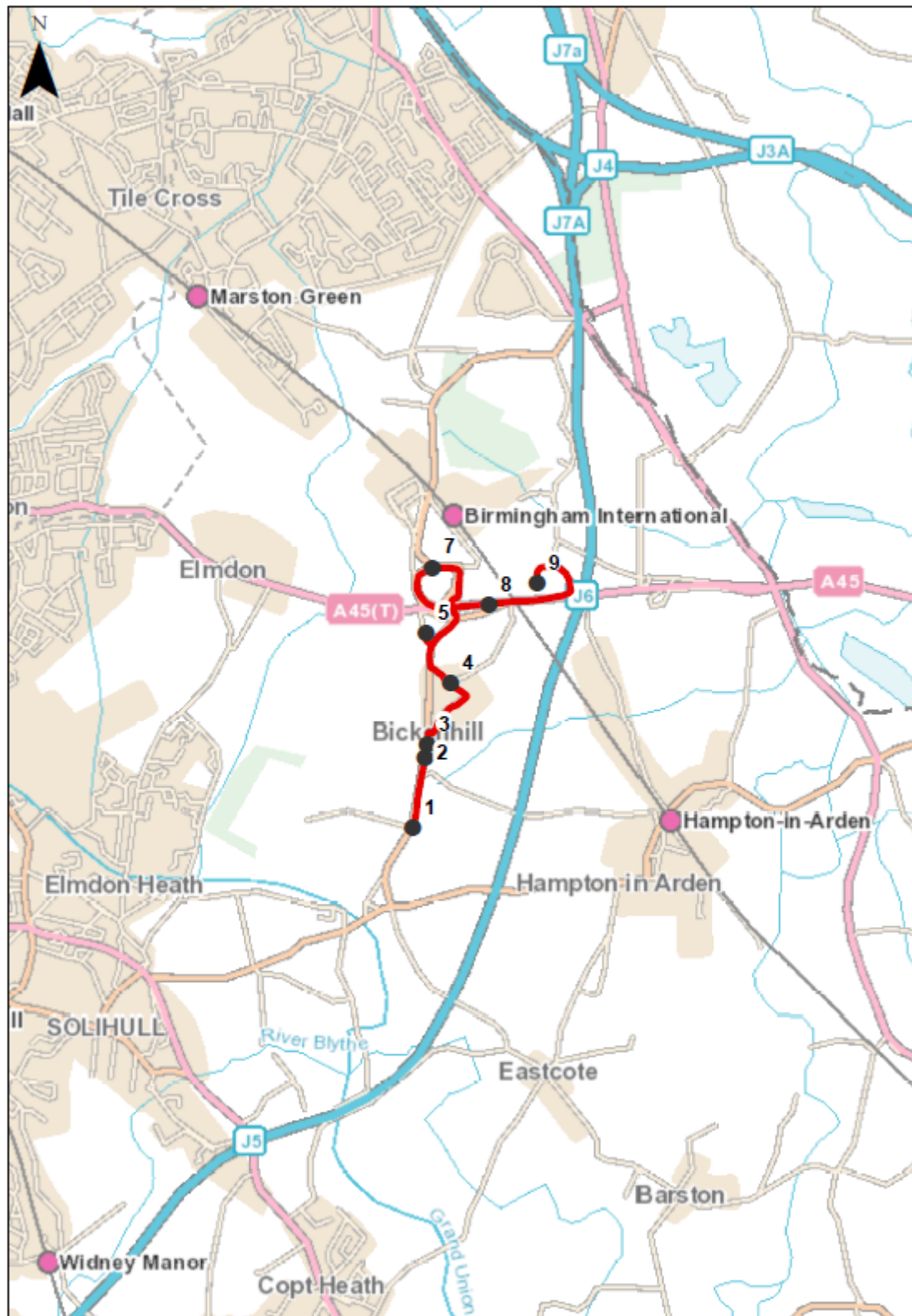
Safety instructions: The site visit will take place around the A45 Coventry Road and M42 and local country roads with high speed limits. Some of the site visit will take place on foot. Please take care. A safety briefing will be provided before we leave Birmingham International railway station. Please listen to this and follow the advice provided. You will be provided with a high-visibility vest which must be worn **at all times** when out of the vehicle. When stopping on a live road, a mini-briefing will be provided before attendees exit the vehicle, which will include where to stand and how to remain safe. All attendees must follow instructions given to them by staff. All attendees must follow the instructions provided within the risk assessment. All attendees are responsible for their own safety and must never act in a manner that might reduce the safety of themselves or others.

Please sign below to confirm you have received the site safety briefing, have received a risk assessment and will follow the safety instructions above.

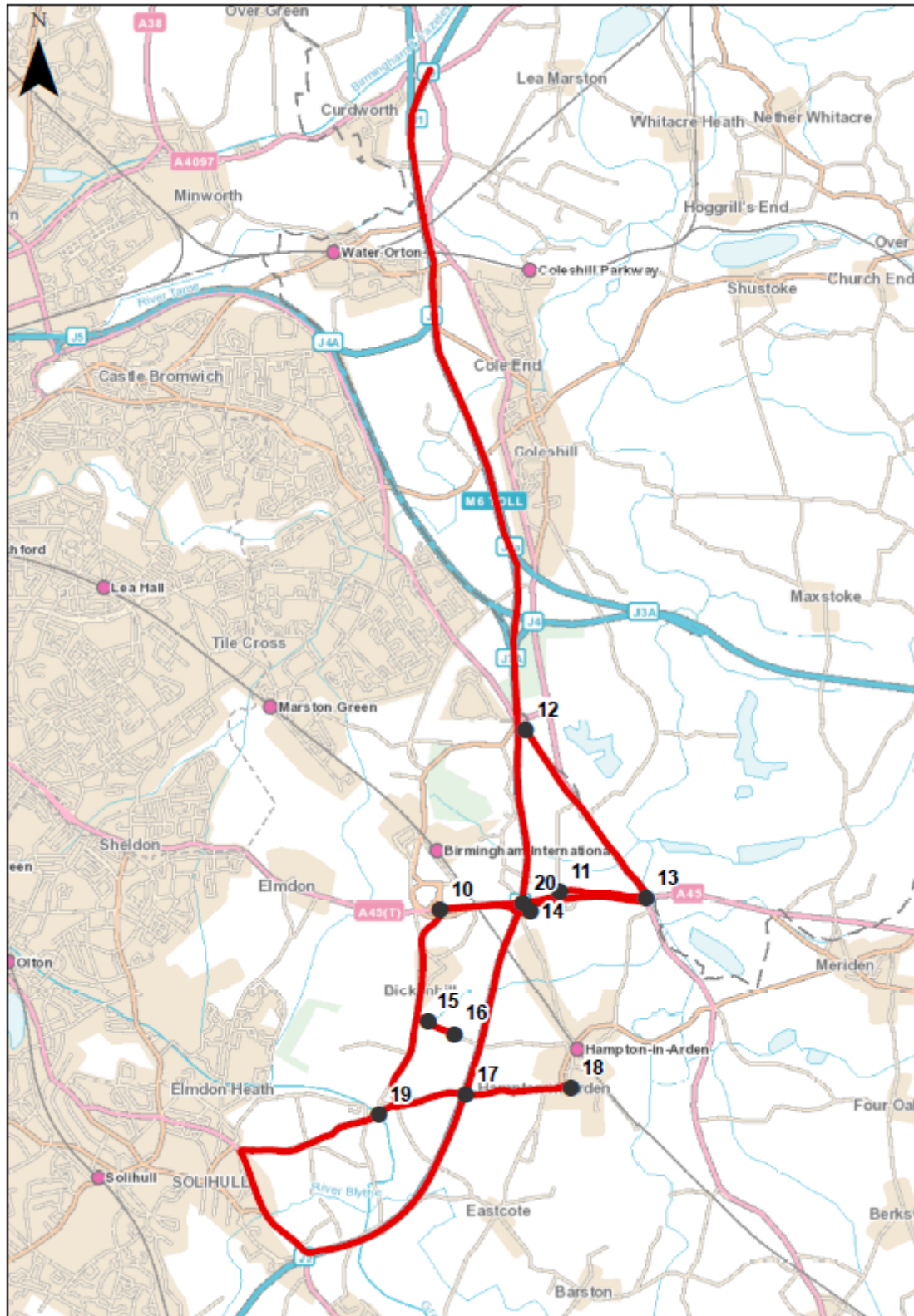
Name	Signature

Appendix B: Route Maps

Day 1

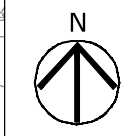


Day 2



Appendix C: General Arrangement Plans

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 LAND NOT INCLUDED WITHIN THE ORDER LIMITS

First Issue	WC IJB	17/12/18	C01
Revision Details	By Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
B4 6BN

Development Consent Order Number

TR010027

Project Title

**M42 JUNCTION 6
IMPROVEMENT**

Drawing Title

**GENERAL ARRANGEMENT
REGULATION 5(2)(o)
KEY PLAN**

Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 NTS			Zone Scheme Wide General	

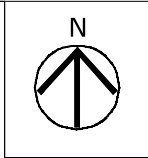
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HE551485	-ACM	-GEN-	C01
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Location	Type	Role	Number

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SHEET 2

SHEET 1



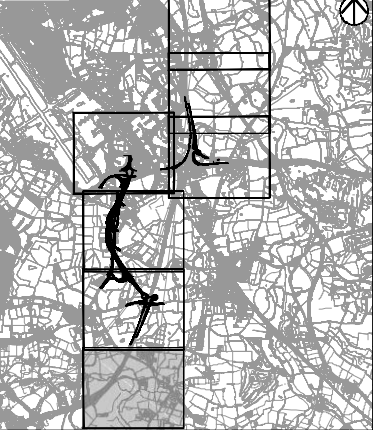
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- CARRIAGEWAYS
- PROPOSED REED BEDS
- ANCIENT WOODLAND
- WARWICKSHIRE GAELIC ATHLETIC ASSOCIATION POTENTIAL RECONFIGURATION SITE
- ACCESS TRACK
- UNDERGROUND STORAGE TANK FOR DRAINAGE
- ENVIRONMENTAL MITIGATION
- ENVIRONMENTAL ENHANCEMENT
- EMBANKMENT
- VERGES, CUTTINGS
- EXISTING GANTRY TO BE ALTERED
- EXISTING GANTRY TO BE REMOVED
- PROPOSED GANTRY
- PROPOSED ERA
- ERA TO BE REMOVED
- ERA TO BE RETAINED
- PROPOSED STRUCTURE
- GANTRY IDENTIFICATION NUMBER

KEYPLAN



First Issue	WC	JLB	17/12/18	C01
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GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 1 OF 7

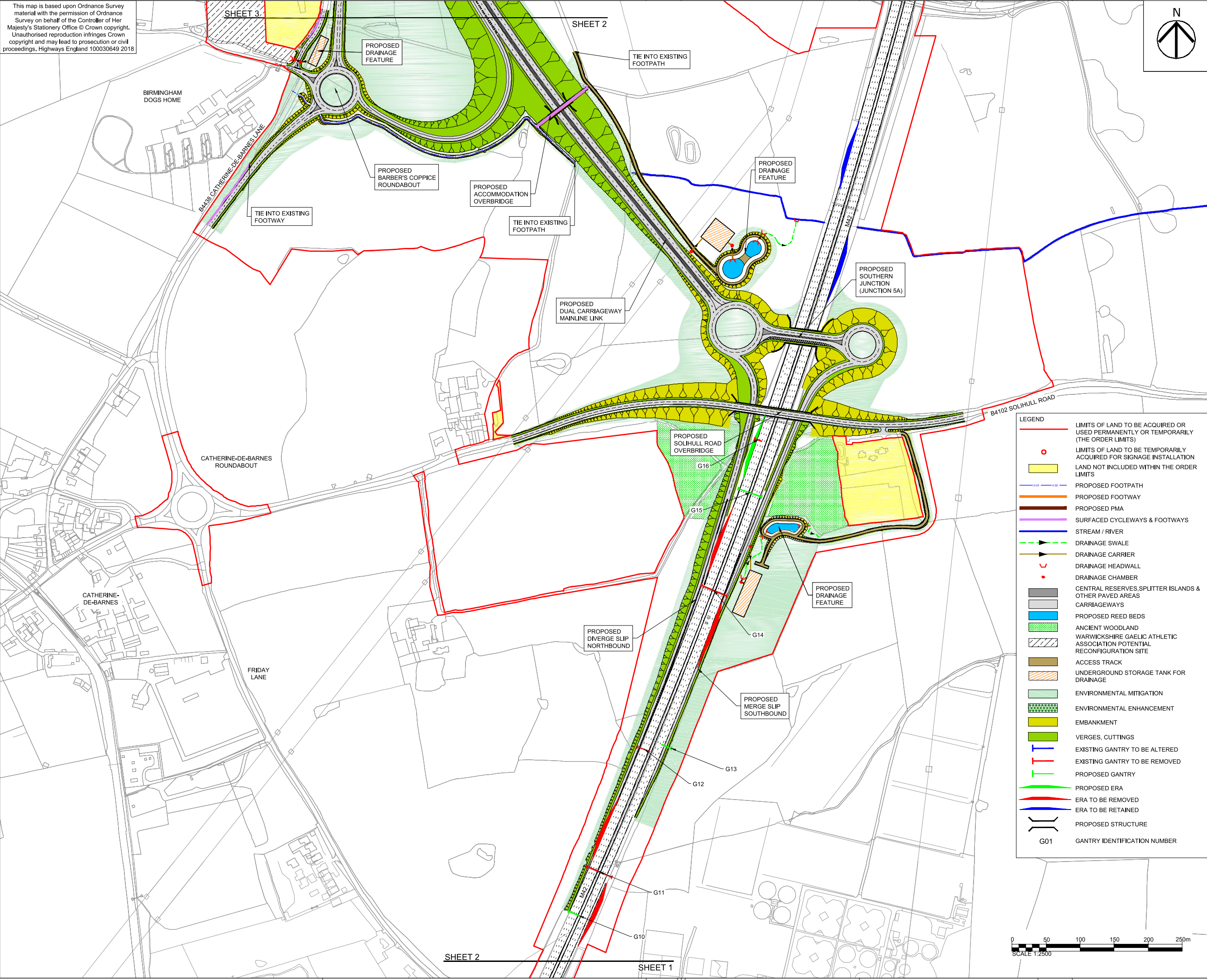
Designed CW	Drawn WC	Checked JCH	Approved JLB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Zone Scheme Wide General	

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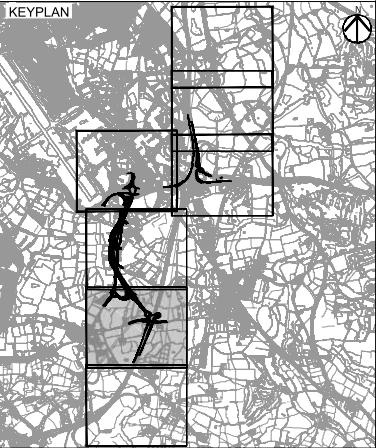
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Location	Type	Role	Number



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38 Colmore Circus
B4 6BN

highways
england

Development Consent Order Number

TR010027

Project Title

M42 JUNCTION 6 IMPROVEMENT

Drawing Title

GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 2 OF 7

Designed CW	Drawn WC	Checked JCH	Approved JLB	Date 14/12/18
Internal Project No. 60543032	Suitability D7	Zone 1:2500	Scheme Wide General	

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Drawing Number HE551485 -ACM	Originator ZZ_SW_DCO_ZZ	Volume -GEN-	Rev C01
Location	Type	Role	Number

Plot Date: 17 December 2018 17:21:26
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SHEET 4

SHEET 3

SHEET 5

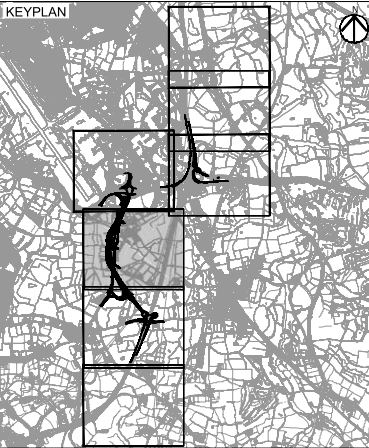
SHEET 3



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KEYPLAN



WARWICKSHIRE GAEIC ATHLETIC ASSOCIATION TO BE RECONFIGURED

PROPOSED CATHERINE-DE-BARNES SOUTH OVERBRIDGE

PROPOSED CATHERINE-DE-BARNES NORTH OVERBRIDGE

PROPOSED DUAL CARRIAGEWAY MAINLINE LINK

PROPOSED REALIGNED CATHERINE-DE-BARNES LANE NORTH OF BICKENHILL ROUNDABOUT

TIE INTO EXISTING FOOTWAY

PROPOSED BICKENHILL ROUNDABOUT

PROPOSED B4438 REALIGNED CATHERINE-DE-BARNES LANE

PROPOSED DRAINAGE FEATURE

CHURCH LANE

BICKENHILL

ST PETERS LANE

ST PETERS LANE

SHADOWBROOK LANE

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- CARRIAGEWAYS
- PROPOSED REED BEDS
- ANCIENT WOODLAND
- WARWICKSHIRE GAEIC ATHLETIC ASSOCIATION POTENTIAL RECONFIGURATION SITE
- ACCESS TRACK
- UNDERGROUND STORAGE TANK FOR DRAINAGE
- ENVIRONMENTAL MITIGATION
- ENVIRONMENTAL ENHANCEMENT
- EMBANKMENT
- VERGES, CUTTINGS
- EXISTING GANTRY TO BE ALTERED
- EXISTING GANTRY TO BE REMOVED
- PROPOSED GANTRY
- PROPOSED ERA
- ERA TO BE REMOVED
- ERA TO BE RETAINED
- PROPOSED STRUCTURE
- G01 GANTRY IDENTIFICATION NUMBER

First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of Issue
DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
B4 6BN

Development Consent Order Number
TR010027

Project Title
M42 JUNCTION 6 IMPROVEMENT

Drawing Title
**GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 3 OF 7**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18
Internal Project No. 60543032		Suitability D7		
Scale @ A1 1:2500		Zone Scheme Wide General		

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Location	Type	Role	Number

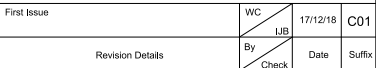
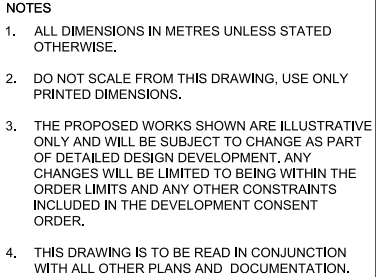
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SHEET 3

SHEET 2

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	LIMITS OF LAND TO BE TEMPORARILY ACQUIRED FOR SIGNAGE INSTALLATION		DRAINAGE CHAMBER		EMBANKMENT
	LAND NOT INCLUDED WITHIN THE ORDER LIMITS		CENTRAL RESERVES, SPLITTER ISLANDS		VERGES, CUTTINGS
	PROPOSED FOOTPATH		OTHER PAVED AREAS		EXISTING GANTRY TO BE ALTERED
	PROPOSED FOOTWAY		CARRIAGEWAYS		EXISTING GANTRY TO BE REMOVED
	PROPOSED PMA		PROPOSED REED BEDS		PROPOSED GANTRY
	SURFACED CYCLEWAYS & FOOTWAYS		ANCIENT WOODLAND		PROPOSED ERA
	STREAM / RIVER		WARWICKSHIRE GAELIC ATHLETIC ASSOCIATION POTENTIAL RECONFIGURATION SITE		ERA TO BE REMOVED
	DRAINAGE SWALE		ACCESS TRACK		ERA TO BE RETAINED
	DRAINAGE CARRIER		UNDERGROUND STORAGE TANK FOR DRAINAGE		PROPOSED STRUCTURE
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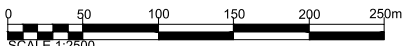


Development Consent Order Number

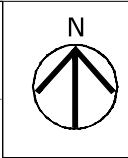
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Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Zone Scheme Wide General	

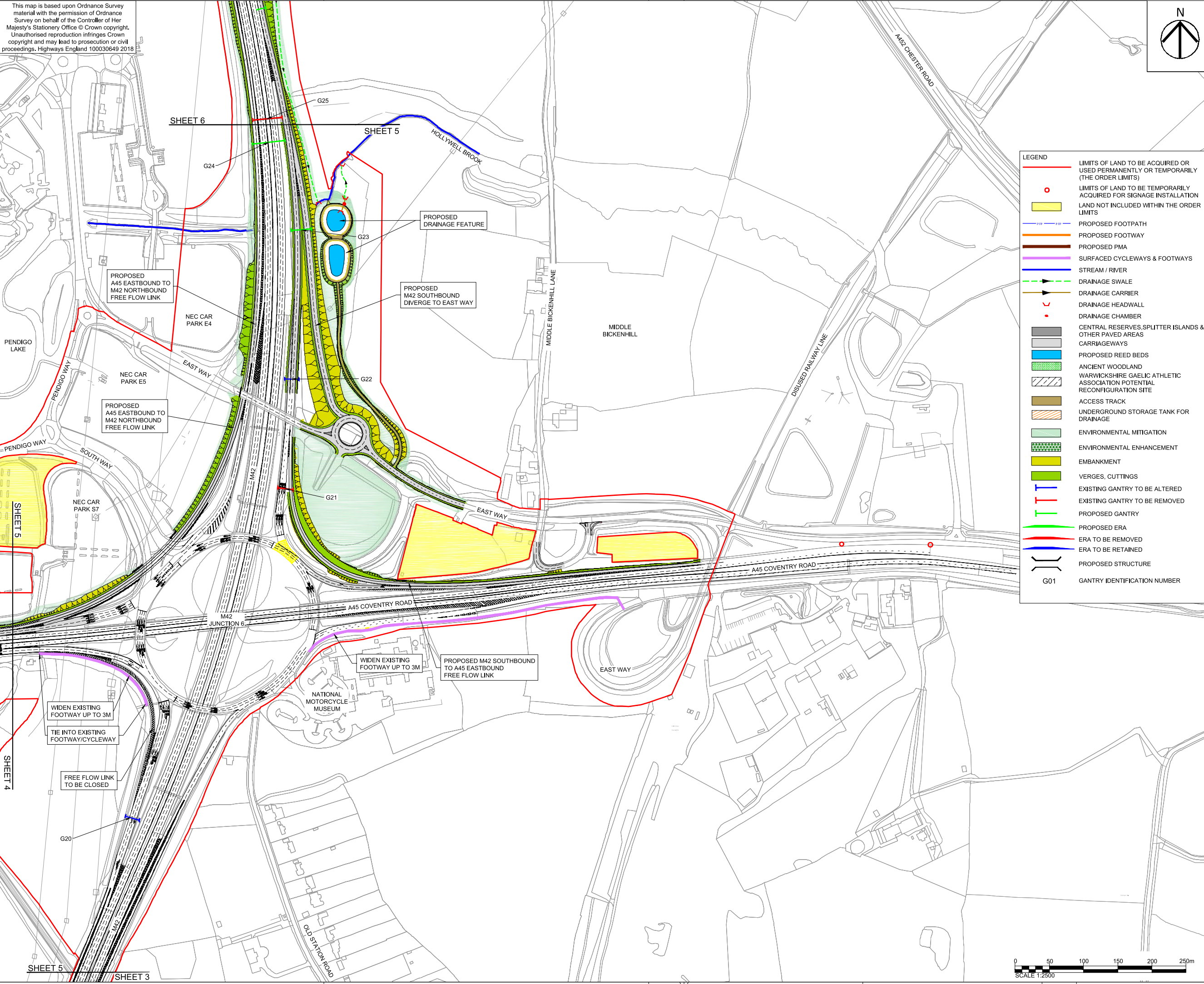
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ZZ_SW_DCO_ZZ		-DR-DC-2404				
Location		Type	Role	Number		



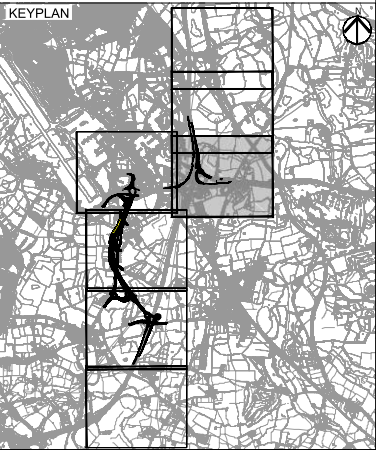
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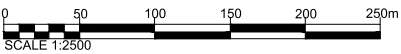


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First Issue		WC	LJB	17/12/18	C01
Revision Details		By	Check	Date	Suffix
Purpose of issue					
DCO APPLICATION					
Client Highways England Floor 5 Two Colmore Square 38 Colmore Circus B4 6BN					
<div> highways england</div>					
Development Consent Order Number					
TR010027					
Project Title					
M42 JUNCTION 6 IMPROVEMENT					
Drawing Title					
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 5 OF 7					
Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18	
Internal Project No. 60543032		Suitability D7			
Scale @ A1 1:2500		Scheme Wide General			
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Drawing Number HE551485	Originator -ACM	Volume -GEN-	Rev C01		
ZZ_SW_DCO_ZZ		-DR-DC-2405			
Location	Type	Role	Number		

Plot Date: 17 December 2018 17:25:52
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SHEET 7

SHEET 6

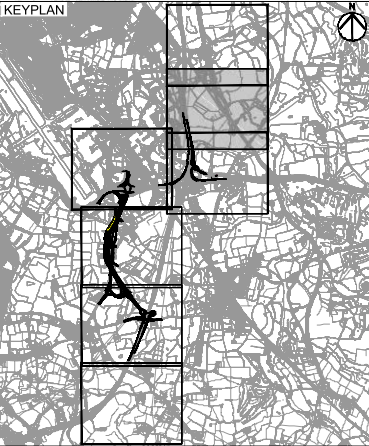


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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
B4 6BN



Development Consent Order Number
TR010027

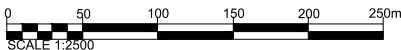
Project Title
M42 JUNCTION 6 IMPROVEMENT

Drawing Title
**GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 6 OF 7**

Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Scheme Wide General	

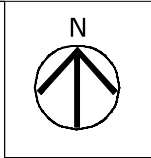
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Drawing Number HE551485	Originator -ACM	Volume -GEN-	Rev C01
Location ZZ_SW_DCO_ZZ		Type -DR-DC-2406	Number



Plot Date: 17 December 2018 17:27:03
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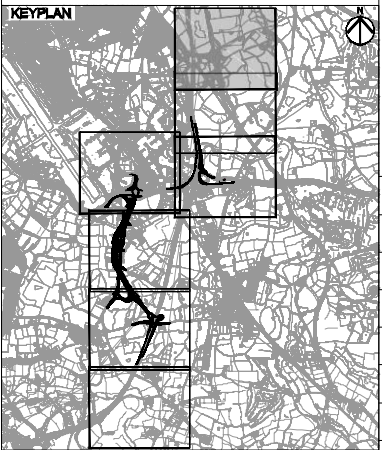
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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
B4 6BN



Development Consent Order Number

TR010027

Project Title

M42 JUNCTION 6 IMPROVEMENT

Drawing Title

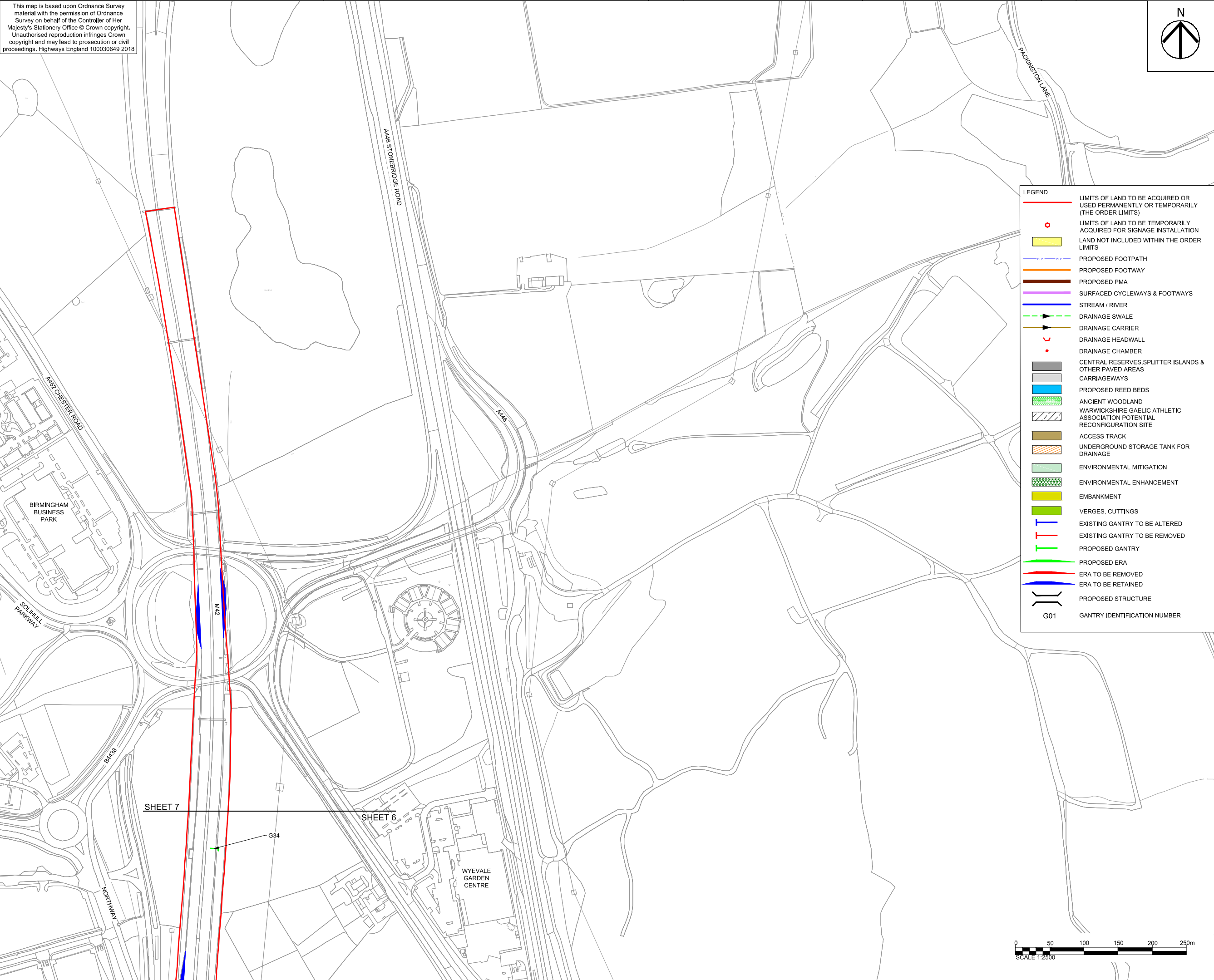
**GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 7 OF 7**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Zone Scheme Wide General	

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Drawing Number Highways England PIN HE551485	Originator -ACM	Volume -GEN-	Rev C01
ZZ_SW_DCO_ZZ		-DR-DC-2407	
Location		Type Role Number	

Plot Date: 17 December 2018 17:28:27
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Appendix D: Risk Assessment

Health & Safety Risk Assessment

Project Title	M42 Junction 6 Improvement - PCF Stage 4			Project Number	551485	
Project Manager	Chris Harris			Senior Project Manager	Jonathan Pizzey	
Scope of works including brief description or work activities	An Accompanied Site Inspection has been planned for the Applicant to show the Examining Authority the points of interest for the scheme. A route has been planned for the inspection, commencing on 3rd July 2019 at 0930 from Birmingham International Railway Station where a site briefing for the attendees will be undertaken. The route has 13 stops planned all with appropriate parking spots and will finish at approximately 1530hrs. This risk assessment has been written to ensure safe working and to inform the site safety briefing.			Country	UK	
Date of HSSRA	21/06/2019			Date of Review	N/A - short duration on site.	
Nearest Hospital	Birmingham Heartlands Hospital (full A&E unit), Bordesley Green E, Birmingham, B9 5SS or alternatively (dependent on location/severity of injury - Solihull is minor injuries only) Solihull Hospital (minor injuries only), Lode Ln, Solihull, B91 2JL					
PPE Requirements (working adjacent to road, verges, lay-bys & working away from any roads e.g. fields) Yellow unbranded hi-vis vest / jacket. Suitable footwear for walking on uneven/wet ground - good quality walking shoes, or safety boots.						
What are the Hazards? (1)	Who might be harmed and how? (2)	What are the control measures required? (3)	What is the final risk level? High, medium or low (4)	Who is action with (5)	Due date for action? (6)	Date action completed? (7)
Preparation prior to Accompanied Site Inspection						
Farm animals or presence of farm vehicles during site visit.	All attendees.	If access to fields is required, ensure that contact is made with the landowner prior to site visit to ensure they are content with site visitors being present on their land. Ensure that farm animals or farm vehicles are not present on the day of the site visit.	Low	Ardent/AECOM	ASAP	Ongoing
Travel to/from & around the site						
Breakdown of vehicles	If vehicle breaks down in a vulnerable place, vehicle will become a hazard to other road users. If staff attempt to repair vehicle when beyond their capability or in dangerous location, staff members and travelling public could be harmed.	If vehicle breaks down, pull over to the nearest safe place, ideally a lay-by, as soon as possible. Try not to stop in live traffic and get vehicle to safe location. Call recovery. Activate hazard lights and vehicle side-lights. DO NOT attempt any repairs at the side of the road. If safe to do so, get all attendees off the vehicle to a safe location, if VRS barriers present this is well behind VRS. Ensure this is briefed to all drivers.	Medium	Primarily driver, but all site visit staff.	On the day.	Ongoing
Use of mobile phone whilst driving	All attendees in vehicle and travelling public. Driver could become distracted and lose control, leading to a road traffic collision. Death, injury and loss of time.	Calls are not to be made or answered by the driver. The driver should find a safe place to pull over, stop and then make a call. The use of hands free is not permitted. Calls can be made by passengers, but passengers not to involve driver in conversation.	Medium	Driver and all staff in vehicle.	On the day.	Ongoing
Making requests of drivers whilst on the move.	All attendees in the vehicle. Driver could become distracted, leading to an accident. Potential impact include Death/ Injury/ loss of time.	Attendees are not to distract the driver whilst the mini bus is in motion; Have a designated individual who will make a dynamic risk assessment of the proposed location and to discuss itinerary changes with the driver. They are to wait until the next stop/safe location before asking the driver if a different location is desired.	Medium	Driver and people in vehicle	On the day.	Ongoing.
Use of in car entertainment and navigation systems.	All attendees in vehicle and travelling public. Driver could become distracted and lose control, leading to a road traffic collision. Death, injury and loss of time.	Driver not to operate in car entertainment and sat nav systems whilst driving. Treat as if a mobile phone and either ask the passenger to operate systems, or pull over to a safe place and then use.	Low	Driver and all staff in vehicle.	On the day.	Ongoing
Inexperienced driver	All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.	Professionally qualified and competent appointed drivers will be the only ones allowed to operate the vehicles for the ASI. Make sure that the driver is confident enough to undertake the distance and route required.	Medium	AECOM (as minibus organiser).	21/06/2019	Ongoing
Driving tired	All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.	Site visit due to commence at 0930 from Birmingham International Railway Station finishing at approximately 1530hrs. If driver is tired, pull over where safe to do so and rest. Total day length included the travel to and from the start of the ASI should be considered when planning logistics. Driver should not exceed 11 hour professional driving legal limit and if tired should inform hire company for a relief driver to be provided.	Low	Driver and all staff in vehicle.	On the day.	Ongoing
Walking adjacent to live carriageways (potentially on verge)	All Attendees; could lead to accident , death, Injury. Attendees may not be aware of their environment - whilst discussing issues and concerns with the Inspector(s)	Attendees not to walk on live carriageways. Responsible person to lead and follow party to ensure they are chaperoned safety to their destination.	Medium	All attendees on ASI.	On the day.	Ongoing
Parking adjacent to carriageway	All attendees in vehicle. Death, major or minor injuries.	Drivers are not permitted to park on the main carriageway. Lay-bys, side roads and land accesses shown in the ASI notification have been identified where the drivers can safely pull in. These locations have been chosen to eliminate the need to cross the main carriageway.	Low	Driver	21/06/2019	Ongoing
Road rage/confrontation with the public impacted by the scheme.	All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.	Avoid confrontation with members of the public on the roads. Report any incidents to the police. Consider defensive driving and do not exit vehicle if feeling threatened.	Low	All staff on ASI.	On the day.	Ongoing
Undertaking the Accompanied Site Inspection						
Visibility on site	All attendees undertaking visit.	All staff to wear yellow hi-vis jacket / vest. Staff to also ensure that yellow un-branded jackets / vests are supplied to all Interested Parties wishing to undertake the site inspection. It is important that the clothing is unbranded so as to ensure that the Interested Parties do not feel as though they are endorsing Highways England, AECOM etc.	Low	Highways England to provide unbranded PPE to all attendees on the day & will provide branded kit to suppliers prior to 3rd July.	On the day.	Ongoing
Driving to each location	All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.	Either one (or multiple) minibuses will be used to transport the Project Team, Examining Authority and Interested Parties who wish to attend to each location. The minibus hire will include a driver. Ensure staff and attendees use seat belts at all times.	Medium	AECOM (as minibus organiser).	21/06/2019	Ongoing
Exposure to noise	All attendees in proximity to carriageway. Exposure to live traffic. Damage to hearing, lost time	If attendees have difficulty communicating at distances of 2 metres then it should be deemed that it is too loud to safely remain in the area and the visit should be terminated at this location.	Low	All staff on ASI.	On the day.	Ongoing
Leptospirosis (Weil's Disease) and Tetanus	All attendees on ASI. Potential to contract Leptospirosis.	Avoid touching anything unnecessarily. Wash hands thoroughly before meals, eating or smoking. Clean and cover cuts prior to working near potential contaminates.	Low	All attendees on ASI.	On the day.	Ongoing
Working alone	All staff lone working. The risk of an incident increases when an employee is lone working	Lone working is banned - do not lone work. Lone working will not occur as this is an accompanied site inspection. Please note that if members of staff are out of earshot and eyesight this is deemed as lone working. Remain in visual contact at all times and close proximity.	Low	All staff on ASI.	On the day.	Ongoing

Walking over uneven ground	All attendees on site visit. Slips, trips. Injury and loss of time.	Use footpaths/footways where possible. Remain vigilant, look where you are walking and stepping. Test the ground as appropriate. Do not read anything or use mobiles or cameras whilst walking. Identify areas of walkover in advance. Use suitable footwear for the terrain on the day.	Low	All attendees on ASI.	21/06/2019	Ongoing
Contact with hazardous plants	All attendees on site visit. Rashes, skin blistering, infection.	Be aware that all plants may be hazardous. Do not touch plants where possible and wash hands before eating. Wear gloves where required. If staff spot any common hazardous plants they are to point out to all individuals at that location.	Low	All staff on ASI.	On the day.	Ongoing
Animal/biological hazards	All attendees undertaking site visit. Disease/illness	Do not disturb animal waste. Observe good hygiene.	Low	All staff on ASI.	On the day.	Ongoing
Stings, bites, disease transmissions, poisoning.	All attendees undertaking ASI. Irritation, allergic reactions, disease transmission and wounds from stings, bites and hazardous plants.	Make sure all attendees know to get checked at hospital immediately should any symptoms develop. Be made aware of people who have allergies to stings have appropriate medication (ie: EpiPen).	Low	All staff on ASI.	On the day.	Ongoing
Thick vegetation (thorns, brambles)	All attendees on ASI. Cuts and scratches/infections.	Do not enter densely overgrown areas for the purposes of this ASI. Only proceed if it is safe to do so. Make sure all attendees know to get checked at hospital immediately should any symptoms develop following bramble/thorn scratches.	Low	All staff on ASI.	On the day.	Ongoing
Contact with potentially dangerous animals.	All attendees carrying out site visit. Death, major or minor injury, lost time	Animals encountered on site should not be approached. It is likely the project team will come across dogs on walks. Do not pet dogs, even if they appear friendly.	Low	All staff on ASI.	On the day.	Ongoing
Confrontation with public	All staff carrying out site visit. Minor or major injury	Avoid confrontation with members of the public. Report any incidents to the police.	Low	All staff on ASI.	On the day.	Ongoing
Shooting occurring on farmland.	All attendees at stopping locations on farm, could conflict with a shoot on the site and risk getting shot.	If gun shots are heard and are deemed to be in the vicinity, stop work and leave the area, returning to the farm to seek further guidance from farmer. Hi-vis clothing to be worn at all times.	Low	All staff on ASI.	On the day.	Ongoing.
Additional safety of non-AECOM / Highways England staff under the project team's duty of care						
Unfamiliarity with site visits and/or being in close proximity to a live traffic environment.	All members of the public attending the site visit.	A verbal safety briefing (this Risk Assessment) will be given to all persons attending the visit to ensure that they understand the health and safety issues. This will also include obtaining and dealing with any concerns that anyone has in relation to the visit so that these can be dealt with appropriately. In severe cases and for safety reasons, this may exclude a person being allowed to travel or take part in the site visit.	Low	All members of the public on the site visit.	On the day.	Ongoing.
Anything that means that those that require special assistance are put at risk.	Those that require special assistance such as those with mobility issues and / or health requirements.	Liaise with the Planning Inspectorate in advance of the site visit to understand if any attendees require special assistance such as disabled access. Ensure that the minibus has suitable facilities for this. Ensure that health requirements are understood in advance of the site inspection. To date (21/06/2019) nobody has (as required) notified the Planning Inspectorate of any special assistance that may be required.	Low	Project Manager and all project members to assist.	On the day.	Ongoing
The minibus may become too hot and / or attendees may suffer from travel sickness.	All attendees on ASI.	Ensure that bottles of water are supplied to all attendees at the start of the site inspection. Ensure that Minibus has adequate ventilation and/or air conditioning to maintain a comfortable environment within the Minibus. If necessary, find the nearest safe stopping area to let people off the Minibus; when satisfied restart the tour. Action may be needed to allow anyone to terminate their involvement to the site visit in which case a dynamic risk assessment will need to be made to determine that the person involved can return home safely. To date (21/06/2019) nobody has (as required) notified the Planning Inspectorate of any special assistance that may be required.	Low	AECOM (as minibus organiser).	On the day.	Ongoing
Anything that results in an accident and / or an attendee requires immediate medical assistance.	All attendees on ASI.	Ensure that at least one first aid kit per minibus is carried during the site inspection. Ensure that mobile phones are carried so that a call to 999 can be made if required. Ensure that the address and route to the nearest hospital is known should this be needed. Jonathon Smith (HE AppPM) is a qualified St. John's adult first aider.	Medium	Jonathon Smith/any other qualified First Aider	On the day.	Ongoing
Uneven ground/climbing over styles resulting in broken bones/damaged muscles.	All attendees on ASI	Ensure staff are briefed to bring along/wear suitable ankle & foot protection. The ASI Itinerary (the brief provided to members of the public prior to the ASI) states that: <i>'Vehicle(s) will be provided by the Applicant for the site visit, although some of the locations will be observed on foot, possibly on uneven or wet ground. Note that a substantial portion of the site visit will be undertaken on footpaths, some of which are accessed via stiles and by walking along local roads where there may not be a footway. Therefore, these elements of the visit are subject to access being suitable for all attendees, to good visibility and to weather conditions being appropriate. With this in mind, attendees should ensure that appropriate footwear and clothing are worn. The Applicant will provide high-visibility vests'</i> . Staff should also be mindful on the day that all people are able to traverse to the areas required and ensure that reasonable means of assistance are provided.	Medium	All attendees on ASI.	On the day.	Ongoing
Working from Height - where party may stop/ or visit structures to gain a better view.	All attendees on ASI - potential to drop things on the carriageway / railway	All attendees to ensure they have a good hold on plans/ phones. Ensure that these are kept safely in pockets whilst not in use. Stops will on be on structures that are pedestrian accessible (ie footpaths & sufficient barriers/railings for edge protection).	Low	All attendees on ASI.	On the day.	Ongoing

Additional notes:
A safety briefing will take place between 09:30 and 10:00
All of the above points should be raised as part of the safety briefing.

Record of Health, Safety Security Risk Assessment

Completed by: Jonathon Smith (Apprentice Project Manager)

Signed: 

Date: 21/06/2019

Approved: Jonathan Pizzey (Senior Project Manager)

Signed: 

Date: 21/06/2019

[illegible]

Health & Safety Risk Assessment

Project Title		M42 Junction 6 Improvement - PCF Stage 4			Project Number		551485						
Project Manager		Chris Harris			Senior Project Manager		Jonathan Pizzey						
Scope of works including brief description or work activities		An Accompanied Site Inspection has been planned for the Applicant to show the Examining Authority the points of interest for the scheme. A route has been planned for the inspection, commencing on 4th July 2019 at 0930 from Birmingham International Railway Station where a site briefing for the attendees will be undertaken. The route has 7 stops planned all with appropriate parking spots and will finish at approximately 1400hrs. This risk assessment has been written to ensure safe working and to inform the safety briefing.			Country		UK						
Date of HSSRA		21/06/2019			Date of Review		N/A - short duration on site.						
Nearest Hospital		Birmingham Heartlands Hospital (full A&E unit), Bordesley Green E, Birmingham, B9 5SS or alternatively (dependent on location/severity of injury - Solihull is minor injuries only) Solihull Hospital (minor injuries only), Lode Ln, Solihull, B91 2JL											
PPE Requirements (working adjacent to road, verges, lay-bys & working away from any roads e.g. fields)													
Yellow unbranded hi-vis vest / jacket. Suitable footwear for walking on uneven/wet ground - good quality walking shoes, or safety boots.													
What are the Hazards? (1)		Who might be harmed and how? (2)		What are the control measures required? (3)		What is the final risk level? High, medium or low (4)		Who is action with (5)		Due date for action? (6)		Date action completed? (7)	
Preparation prior to Accompanied Site Inspection													
Farm animals or presence of farm vehicles during site visit.		All attendees.		If access to fields is required, ensure that contact is made with the landowner prior to site visit to ensure they are content with site visitors being present on their land. Ensure that farm animals or farm vehicles are not present on the day of the site visit.		Low		Ardent/AECOM		ASAP		Ongoing	
Travel to/from & around the site													
Breakdown of vehicles		If vehicle breaks down in a vulnerable place, vehicle will become a hazard to other road users. If staff attempt to repair vehicle when beyond their capability or in dangerous location, staff members and travelling public could be harmed.		If vehicle breaks down, pull over to the nearest safe place, ideally a lay-by, as soon as possible. Try not to stop in live traffic and get vehicle to safe location. Call recovery. Activate hazard lights and vehicle side-lights. DO NOT attempt any repairs at the side of the road. If safe to do so, get all attendees off the vehicle to a safe location, if VRS barriers present this is well behind VRS. Ensure this is briefed to all drivers.		Medium		Primarily driver, but all site visit staff.		On the day.		Ongoing	
Use of mobile phone whilst driving		All attendees in vehicle and travelling public. Driver could become distracted and lose control, leading to a road traffic collision. Death, injury and loss of time.		Calls are not to be made or answered by the driver. The driver should find a safe place to pull over, stop and then make a call. The use of hands free is not permitted. Calls can be made by passengers, but passengers not to involve driver in conversation.		Medium		Driver and all staff in vehicle.		On the day.		Ongoing	
Making requests of drivers whilst on the move.		All attendees in the vehicle. Driver could become distracted, leading to an accident. Potential impact include Death/ Injury/ loss of time.		Attendees are not to distract the driver whilst the mini bus is in motion; Have a designated individual who will make a dynamic risk assessment of the proposed location and to discuss itinery changes with the driver. They are to wait until the next stop/safe location before asking the driver if a different location is desired.		Medium		Driver and people in vehicle		On the day.		Ongoing.	
Use of in car entertainment and navigation systems.		All attendees in vehicle and travelling public. Driver could become distracted and lose control, leading to a road traffic collision. Death, injury and loss of time.		Driver not to operate in car entertainment and sat nav systems whilst driving. Treat as if a mobile phone and either ask the passenger to operate systems, or pull over to a safe place and then use.		Low		Driver and all staff in vehicle.		On the day.		Ongoing	
Inexperienced driver		All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.		Professionally qualified and competent appointed drivers will be the only ones allowed to operate the vehicles for the ASI. Make sure that the driver is confident enough to undertake the distance and route required.		Medium		AECOM (as minibus organiser).		21/06/2019		Ongoing	
Driving tired		All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.		Site visit due to commence at 0930 from Birmingham International Railway Station finishing at approximately 1600hrs. If driver is tired, pull over where safe to do so and rest. Total day length included the travel to and from the start of the ASI should be considered when planning logistics. Driver should not exceed 11 hour professional driving legal limit and if tired should inform hire company for a relief driver to be provided.		Low		Driver and all staff in vehicle.		On the day.		Ongoing	
Walking adjacent to live carriageways (potentially on verge)		All Attendees; could lead to accident , death, Injury. Attendees may not be aware of their environment - whilst discussing issues and concerns with the Inspector(s)		Attendees not to walk on live carriageways. Responsible person to lead and follow party to ensure they are chaperoned safety to their destination.		Medium		All attendees on ASI.		On the day.		Ongoing	
Parking adjacent to carriageway		All attendees in vehicle. Death, major or minor injuries.		Drivers are not permitted to park on the main carriageway. Lay-bys, side roads and land accesses shown in the ASI notification have been identified where the drivers can safely pull in. These locations have been chosen to eliminate the need to cross the main carriageway.		Low		Driver		21/06/2019		Ongoing	
Road rage/confrontation with the public impacted by the scheme.		All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.		Avoid confrontation with members of the public on the roads. Report any incidents to the police. Consider defensive driving and do not exit vehicle if feeling threatened.		Low		All staff on ASI.		On the day.		Ongoing	
Undertaking the Accompanied Site Inspection													
Visibility on site		All attendees undertaking visit.		All staff to wear yellow hi-vis jacket / vest. Staff to also ensure that yellow un-branded jackets / vests are supplied to all Interested Parties wishing to undertake the site inspection. It is important that the clothing is unbranded so as to ensure that the Interested Parties do not feel as though they are endorsing Highways England, AECOM etc.		Low		Highways England to provide unbranded PPE to all attendees on the day & will provide branded kit to suppliers prior to 3rd July.		On the day.		Ongoing	
Driving to each location		All attendees in vehicle. Could lead to accidents. Death, injury and loss of time.		Either one (or multiple) minibuses will be used to transport the Project Team, Examining Authority and Interested Parties who wish to attend to each location. The minibus hire will include a driver. Ensure staff and attendees use seat belts at all times.		Medium		AECOM (as minibus organiser).		21/06/2019		Ongoing	
Exposure to noise		All attendees in proximity to carriageway. Exposure to live traffic. Damage to hearing, lost time		If attendees have difficulty communicating at distances of 2 metres then it should be deemed that it is too loud to safely remain in the area and the visit should be terminated at this location.		Low		All staff on ASI.		On the day.		Ongoing	
Leptospirosis (Weil's Disease) and Tetanus		All attendees on ASI. Potential to contract Leptospirosis.		Avoid touching anything unnecessarily. Wash hands thoroughly before meals, eating or smoking. Clean and cover cuts prior to working near potential contaminates.		Low		All attendees on ASI.		On the day.		Ongoing	
Working alone		All staff lone working. The risk of an incident increases when an employee is lone working		Lone working is banned - do not lone work. Lone working will not occur as this is an accompanied site inspection. Please note that if members of staff are out of earshot and eyesight this is deemed as lone working. Remain in visual contact at all times and close proximity.		Low		All staff on ASI.		On the day.		Ongoing	
Walking over uneven ground		All attendees on site visit. Slips, trips. Injury and loss of time.		Use footpaths/footways where possible. Remain vigilant, look where you are walking and stepping. Test the ground as appropriate. Do not read anything or use mobiles or cameras whilst walking. Identify areas of walkover in advance. Use suitable footwear for the terrain on the day.		Low		All attendees on ASI.		21/06/2019		Ongoing	

Contact with hazardous plants	All attendees on site visit. Rashes, skin blistering, infection.	Be aware that all plants may be hazardous. Do not touch plants where possible and wash hands before eating. Wear gloves where required. If staff spot any common hazardous plants they are to point out to all individuals at that location.	Low	All staff on ASI.	On the day.	Ongoing
Animal/biological hazards	All attendees undertaking site visit. Disease/illness	Do not disturb animal waste. Observe good hygiene.	Low	All staff on ASI.	On the day.	Ongoing
Stings, bites, disease transmissions, poisoning.	All attendees undertaking ASI. Irritation, allergic reactions, disease transmission and wounds from stings, bites and hazardous plants.	Make sure all attendees know to get checked at hospital immediately should any symptoms develop. Be made aware of people who have allergies to stings have appropriate medication (ie: EpiPen).	Low	All staff on ASI.	On the day.	Ongoing
Thick vegetation (thorns, brambles)	All attendees on ASI. Cuts and scratches/infections.	Do not enter densely overgrown areas for the purposes of this ASI. Only proceed if it is safe to do so. Make sure all attendees know to get checked at hospital immediately should any symptoms develop following bramble/thorn scratches.	Low	All staff on ASI.	On the day.	Ongoing
Contact with potentially dangerous animals.	All attendees carrying out site visit. Death, major or minor injury, lost time	Animals encountered on site should not be approached. It is likely the project team will come across dogs on walks. Do not pet dogs, even if they appear friendly.	Low	All staff on ASI.	On the day.	Ongoing
Confrontation with public	All staff carrying out site visit. Minor or major injury	Avoid confrontation with members of the public. Report any incidents to the police.	Low	All staff on ASI.	On the day.	Ongoing
Shooting occurring on farmland.	All attendees at stopping locations on farm, could conflict with a shoot on the site and risk getting shot.	If gun shots are heard and are deemed to be in the vicinity, stop work and leave the area, returning to the farm to seek further guidance from farmer. Hi-vis clothing to be worn at all times.	Low	All staff on ASI.	On the day.	Ongoing.
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Completed by: Jonathon Smith (Apprentice Project Manager)

Signe 

Date: 21/06/2019

Approved: Jonathan Pizzey (Senior Project Manager)

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