

M42 Junction 6 Development Consent Order

Scheme Number TR010027

8.14 Statement of Common Ground with Western Power Distribution (West Midlands) PLC

Planning Act 2008

Rule 8 (1)(e)

The Infrastructure Planning (Examination Procedure) Rules 2010

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M42 Junction 6 Development Consent Order Scheme

Development Consent Order 202[]

STATEMENT OF COMMON GROUND WESTERN POWER DISTRIBUTION (WEST MIDLANDS) PLC

Regulation Number	Rule 8(1)(e)
Planning Inspectorate Scheme Reference	TR010027
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STATEMENT OF COMMON GROUND

This Statement of Common Ground has been prepared and agreed by (1) Highways England Company Limited and (2) Western Power Distribution

Signed
Chris Harris
Project Manager
on behalf of Highways England
Date:
Signed
[NAME]
[POSITION]
on behalf of Western Power Distribution
Date:



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1 Introduction

1.1 Purpose of this document

- 1.1.1 This Statement of Common Ground ("SoCG") has been prepared in respect of the proposed M42 Junction 6 Development Consent Order ("the Application") made by Highways England Company Limited ("Highways England") to the Secretary of State for Transport ("Secretary of State") for a Development Consent Order ("the Order") under section 37 of the Planning Act 2008 ("PA 2008").
- 1.1.2 The order, if granted, would authorise Highways England to carry out the following works:
 - a. a new dumbbell junction approximately 1.8km south of the existing Junction 6 on the M42;
 - b. construction of a new 2.4km dual carriageway link road between the new junction and Clock Interchange (an existing junction on the A45);
 - c. modifications to the existing Clock Interchange junction;
 - d. upgrades to the existing Junction 6; and
 - e. realignments and improvements to local roads to the west of the existing M42 in proximity to the proposed bypass.
- 1.1.3 This SoCG does not seek to replicate information which is available elsewhere within the Application documents. All documents are available in the deposit locations and/or the Planning Inspectorate website.
- 1.1.4 This SoCG has been produced to confirm to the Examining Authority where agreement has been reached between the parties to it, and where agreement has not (yet) been reached. SoCGs are an established means in the planning process of allowing all parties to identify and so focus on specific issues that may need to be addressed during the examination.

1.2 Parties to this Statement of Common Ground

- 1.2.1 This SoCG has been prepared by (1) Highways England as the Applicant and (2) Western Power Distribution (WPD).
- 1.2.2 Highways England became the Government-owned Strategic Highways Company on 1 April 2015. It is the highway authority in England for the strategic road network and has the necessary powers and duties to operate, manage, maintain and enhance the network. Regulatory powers remain with the Secretary of State. The legislation establishing Highways England made provision for all legal rights and obligations of the Highways Agency, including in respect of the Application, to be conferred upon or assumed by Highways England.
- 1.2.3 Western Power Distribution is a Statutory Undertaker responsible for electrical assets affected by the scheme proposals.
- 1.2.4 Collectively Highways England and WPD are referred to as 'the parties'.



1.3 Terminology

- 1.3.1 In the table in the Issues chapter of this SoCG:
 - a. "Agreed" indicates where the issue has been resolved.
 - b. "Not Agreed" indicates a final position, and
 - c. "Under discussion" where these points will be the subject of on-going discussion wherever possible to resolve, or refine, the extent of disagreement between the parties.
- 1.3.2 It can be taken that any matters not specifically referred to in the Issues chapter of this SoCG are not of material interest or relevance to Western Power Distribution's representation and therefore have not been considered in this document. It is recognised however that engagement between both parties will need to continue due to their joint vested interest in the area of the Scheme.



2 Record of Engagement

2.1.1 The parties have been engaged in consultation since the beginning of the proposed development. A summary of the meetings and correspondence that has taken place between Highways England and Western Power Distribution in relation to the Application is outlined in **Table 2-1**.

Table 2.1 - Record of Engagement

Date	Form of correspondence	Key topics discussed and key outcomes (the topics should align with the Issues tables)
07.11.17	Email correspondence	AECOM sent email to plant protection requesting catenary information for 132kV overhead power cables supplied that are to be impacted by the Scheme
08.11.17	Email correspondence	Received email from WPD assigning an engineer to this action
13.11.17	Email correspondence	Received email from WPD requesting a meeting be established to understand the scheme.
16.11.17	Telephone Call	Telephone conversation to discuss suitable dates for a meeting and to understand the interface with HS2 works required in the immediate vicinity.
17.11.17	Email correspondence	Email received from WPD requesting details of height clearances to inform the production of catenary information.
23.11.17	Email correspondence	AECOM sent email providing clarification on the details for height clearances.
24.11.17	Email correspondence	WPD confirmed receipt.
06.12.17	Meeting	Meeting held with representatives of Highways England, AECOM, Western Power Distribution and HS2 to understand the scope of the works required and identify possible opportunities for co-ordination.
13.12.17	Email correspondence	AECOM issued NRSWA C3 Budget Estimate Request to plant protection. Separate applications made to cover LV and 132kV Overhead assets.
1812.17	Email correspondence	Received response for WPD confirming that an engineer had been assigned from their LV protection team who shall address the design of any LV utility diversions. WPD requested a meeting to discuss the proposals.



Date	Form of correspondence	Key topics discussed and key outcomes (the topics should align with the Issues tables)
18.12.17	Email correspondence	Confirmed receipt of WPD's email and recommended a meeting in Birmingham to discuss.
		Notified Robert Turford of recent communication with other WPD members for co-ordination
19.12.17	Email correspondence	Received availability date of the 8 th January 2018.
03.01.18	Email correspondence	Sent confirmation of meeting invitees and location
08.01.18	Meeting	Meeting to discuss the diversion of the Low Voltage Assets. Meeting Minutes appended to this Statement of Common Ground
17.01.18	Email correspondence	Received email from WPD with the C3 Budget Estimate for the LV Western Power Distribution assets.
25.01.18	Email correspondence	Confirmed receipt of the C3 Budget Estimate information. Informed WPD that Highways England had yet to receive any communication from the team responsible for dealing with the 132kV assets.
25.01.18	Email correspondence	Copied into a Western Power Distribution exchange to ascertain appropriate contact to begin discussions in relation to the diversion of the 132kV assets.
25.01.18	Email correspondence	Received email from Western Power Distribution delegate requesting original details be provided directly so that these could be passed onto the Primary Systems design team.
25.01.18	Email correspondence	AECOM issued the original C3 Budget Estimate information to WPD contact.
26.01.18	Email correspondence	Received email from WPD from Primary Systems delegate who shall develop the diversion proposals.
29.01.18	Email correspondence	Issued Primary Systems delegate the C3 Budget Estimate information for review. Requested a meeting to discuss proposals in detail.
05.02.18	Email correspondence	AECOM requested a meeting to discuss the diversion proposals in detail.



Date	Form of correspondence	Key topics discussed and key outcomes (the topics should align with the Issues tables)
08.02.18	Voicemail	AECOM left a voicemail with WPD Primary Systems Designer to ascertain update and request a meeting.
12.02.18	Email correspondence	Received email from WPD requesting a drawing detailing assets affected by the Scheme proposals.
12.02.18	Email correspondence	AECOM issued 1:10,000 site plan highlighting the affected WPD assets. Email detailed how these assets shall be affected by the Scheme.
12.02.18	Telephone Call	Call between WPD and AECOM assigned actions: WPD: Develop C3 Budget estimates for diversion
		proposlas with assets to be buried. AECOM: confirm proximity of carriageway to existing pylons
		WPD declined request for meeting to discuss proposals.
26.02.18	Email correspondence	AECOM emailed WPD to request update on the delivery of the C3 Budget Estimate.
13.03.18	Email correspondence	AECOM emailed WPD to request update on the delivery of the C3 Budget Estimate
14.03.18	Email correspondence	Received email from WPD stating that good progress had been made. Estimates shall be provided in reference to affected pylons 47PHW4 and 47PGY37 respectively
14.03.18	Telephone Call	AECOM called WPD in order to understand the timeframe of delivery for the C3 Budget Estimate. WPD confirmed it will be approximately 3 working weeks.
05.04.18	Email correspondence	AECOM emailed WPD requesting update on the progress of the C3 Budget Estimate
20.04.18	Email correspondence	Received email from WPD with the C3 Budget Estimate for the works, reference numbers 3022311 and 3022338 respectively.
20.04.18	Email correspondence	AECOM requested meeting with WPD to progress to a detailed estimate for the works.
09.05.18	Email correspondence	AECOM requested a further C3 Budget Estimate be prepared for a diversion crossing the Junction 6 Interchange.



Date	Form of correspondence	Key topics discussed and key outcomes (the topics should align with the Issues tables)
10.05.18	Email correspondence	Received confirmation from WPD that this shall be assessed under reference number 3068783.
10.05.18	Email correspondence	AECOM requested that these diversions be passed to the Primary Systems design team responsible for preparing the diversion references 3022311 and 3022338.
10.05.18	Email correspondence	WPD confirmed that this diversion work shall be assed to the primary systems design team stipulated.
15.05.18	Conference Call	Conference call between AECOM, Highways England and WPD in order to determine the following steps to be taken. Progress to agreeing a formal offer to commission WPD to undertake surveys to define a detailed cost estimate.
17.05.18	Email correspondence	AECOM sent an email with the minutes of the conference call.
17.05.18	Email correspondence	Received email from WPD with adjustments to the minutes of the meeting. Meeting Minutes appended to this Statement of Common Ground
01.07.18	Meeting	Highways England, WPD and HS2 meeting to discuss the co-ordination of the scheme proposals.
19.12.18	Meeting	Meeting with new appointed WPD representative to advance the proposals. Meeting minutes appended to this Statement of Common Ground.
15.01.19	Email correspondence	Received email from WPD closing out a number of actions from the meeting held on the 19 th December 2018.
08.02.19	Email correspondence	AECOM issued to WPD updated drawings submitted as part of the Scheme's Development Consent Order Application.
11.04.19	Email correspondence	WPD Issued diversion offer drawings forming the diversionary works offer.
16.05.19	Meeting	Meeting with new appointed WPD representative to identify changes to the proposed diversion necessary to take cognisance of design constraints. Meeting minutes appended to this Statement of Common Ground.



Date	Form of correspondence	Key topics discussed and key outcomes (the topics should align with the Issues tables)
17.05.19	Email correspondence	AECOM issued drawings offered to WPD during the meeting held on the 16/05/19.
17.05.19	Email correspondence	WPD confirmed receipt of drawings.

2.1.2 It is agreed that this is an accurate record of the key meetings and consultation undertaken between (1) Highways England and (2) WPD in relation to the issues addressed in this SoCG.



3 Issues

3.1 Issues Raised

Table 3-1 – Record of Issues Raised

Sub-topic	WPD Comment	Highways England Response/Actions	Status/Agreement		
Design	Design				
Protective Pro	Protective Provisions				
	Schedule 1 of the draft DCO sets out the authorised development. This includes the diversion of WPD's 132kv underground power cables as referenced at works numbers 64 and 65 in the draft DCO. In addition to these works there are a significant number of plots over which WPD have an interest. The Book of Reference [APP-020] records the plot numbers within which WPD's apparatus is situated. WPD are reviewing these plots to establish the extent to which their apparatus are affected.	The Parties continue to engage to agree final design details (as indicated above in the above record of engagement). Once the details are finalised the Parties will be able progress matters further by means of this SoCG, protective provisions or third-party agreement as appropriate.			



Sub-topic	WPD Comment	Highways England Response/Actions	Status/Agreement
	Protective provisions for the benefit of WPD have been included in Part 1 of Schedule 10 of the draft DCO. WPD confirm that the applicant has approached WPD to discuss the terms of the diversions and WPD has engaged with the applicant to discuss an engineering solution to the diversions. The applicant has not engaged with WPD on the terms of the draft DCO or the protective provisions.		
	As currently drafted WPD consider that the protective provisions are not in a form that is acceptable to WPD. Whilst WPD consider that it is likely that agreement on the applicability of the provisions can be reached, at this stage the tests for the protection of serious detriment to WPD's assets as set out in the Statement of Reasons have not been satisfied. WPD cannot therefore agree at this stage that it will not suffer serious detriment to the carrying on of the undertaking as result of the compulsory acquisition of land rights or rights over land		



Sub-topic	WPD Comment	Highways England Response/Actions	Status/Agreement
	In particular WPD considers that the timing of the requirement to undertake the diversions and the obligations on WPD as set out in the protective provisions to complete diversions is uncertain. It is also uncertain whether the diversions can be completed by WPD without the need to acquire third party interests in land outside the Order land. The protective provisions place obligations on WPD to undertake works that places developer risk on to WPD. Without resolution therefore WPD objects to the form of protective provisions and the powers sought by the applicant to compulsory acquire its assets or interests in land over which they are placed.		



APPENDICES



Appendix A - Meeting Minutes - 8 January 2017



Minutes

Meeting name Western Power Distribution

Meeting Date 08/01/2017

Location AECOM Birmingham -Colmore

Project number HE514465

Prepared by James Hemingway Subject

Review of existing assets vs proposed scheme

Time 13:00

Project name M42 J6 Improvements

AECOM project number

60543032

Attendees Circulation list James Hemingway (JC)

Ian Bamforth (IB) Javaid Farooq (JF) Robert Turford (RT) Robert Turford (RT) Neil Smith (NS) Neil Smith (NS)

Apologies

Topic	Discussion	
Introductions	JCH welcomed everyone to the meeting.	
	Robert and Neil conveyed that their team is not focused on any diversionary works related to the 132kV overhead cables, meeting agenda adjusted accordingly to reflect this matter.	
Project Overview	JCH provided an update to Western Power Representatives of the progress that has been made since this information was last submitted by Mouchel for a C3 Budget Estimate. Relayed that the next key phase of the scheme is Statutory Consultation, which is scheduled to start on the 9 th January with Design Fix 3B to be completed taking on board public feedback by April 2018.	
AECOM modifications	JCH provided an overview of the latest design alignment and conveyed the following areas which have been modified during the preliminary design process:	
	Realignment of Catherine-de-Barnes roundabout to avoid existing woodland.	
	• Removal of the A45(W) to M42(S).	
	Removal of NMU overbridge east of Clock Interchange.	

Specific Items Discussed.

The following Western Power assets were discussed during the meeting:

- 11kV duct crossing the existing Catherine-de-Barnes Lane
 - This asset would be impacted by the proposed works and would need to be diverted, JCH highlighted that the mainline link is in cutting in this area. RT and NS proposed an overhead cable diversion however JHC explained the constraints being applied by Birmingham Airport and requested that the service be buried.
 - Matter of cost attributed to excavation for diversion to be detailed at a later stage. JCH requested that excavation works be considered in the estimate but as an individual figure. This cost could be removed if works were undertaken during excavation works for the mainline link, therefore providing a cost saving efficiency.
- 11kV ductwork adjacent to Catherine de Barnes roundabout to be diverted to follow realigned side road.
- Ductwork near Shadowbrook lane to be diverted due to layout suiting property that is to be demolished as part of the scheme.
- JCH requested that 11kV and 33kV assets are considered in the region between Clock Interchange and M42 J6 due to the introduction of free flow links.
- LV assets on Airport way link to take cognisance of free flow link being constructed from the mainline.

NS requested more clarity on the proposed construction schedule for the M42 J6 Improvement Works. JCH informed WPD representatives that construction is intended to start in 2020 and take 3 years, with the works sequenced as follows:

The mainline construction is planned to take 2 years and shall be constructed first to reduce the volume of



Topic Discussion

traffic using the M42 J6 Interchange.

 The planned alterations for the M42 J6 will take 1 year and will follow on from the completed construction of the mainline link.

Closing Items

JCH stressed that the main concern at this stage is the impact that the scheme shall have on the 132kV assets in the areas and ensuring that out works are co-ordinated with plans currently being undertaken by HS2 in the vicinity. RT stated that a separate team reviews the 132kV assets however all information should be relayed to the correct department through the email address wpdnewsuppliesmids@westernpower.co.uk.

Ref	Action	Initial
01	AECOM to provide plan and profile drawings for the mainline link and M42(E) to M42(N) to inform level variance for the build-up of the C3 Budget Estimate.	JCH
02	Western Power Distribution to provide details of the 132kV asset team.	RT
03	AECOM to chase 132kV C3 budget estimate to determine contact to open discussions.	JCH
04	Western Power Distribution to provide C3 budget estimate for 11kV and 33kV assets impacted by the scheme taking cognisance of the issues discussed.	RT/NS



Appendix B - Meeting Minutes - 19 December 2018

Meeting Summary Notes - M42 J6 Diversion (132kV lines)

Date: 19/12/2018

Location: WPD Offices, Tipton, Toll End Road, DY4 0HH

Attendees:

Mohammed Jaffar (MJ) – Primary System Designer, WPD

- Nick Russell (NR) Statutory Undertaker Manager, Highways England
- Chris Harris (CH) Project Manager, Highways England
- Nick Bartolo (NB) Assistant Project Manager, Highways England
- Mark Sutton (MS) Construction Manager, Skanska

1. Background:

- a. Highways England (HE) will be establishing a new junction (J5A) along the M42 between j5 and j6. Those works, although crossing the 132kV tower lines, are not anticipated to lead to diversionary works;
 - i. MS indicated that the levels are not being raised
 - ii. MJ highlighted that HE would need to notify the WPD delivery team to ensure compliance with safety clearances, etc...
- b. HE's works also include modifications to the M42 J6 and will require WPD to divert its nearby 132kV lines.
- c. HE have received a few budget estimates over the past 8 months and, as a result, have discounted the option of drilling directly underneath j6.

2. HE Timescales:

- a. DCO application to be submitted shortly; acknowledgement expected in January 2019.
- b. The application is expected to take 12-18 months subject to comments, objections, etc...
- c. J5A works are expected to commence in March 2020 and complete within 2 years.
- d. Works on j6 are expected to commence by summer 2022.
- e. HE's intention is to request a formal diversion offer from WPD in Q1 2019.

3. WPD Timescales:

- a. Diversion formal offer has a typical 3 month timescale however WPD will aim to issue within 8-10 weeks if possible
- b. Once the formal offer is issued, HE will have approximately 3 months to accept. As things currently stand, no payment will be required pre-acceptance.
- c. The formal offer will have more details regarding the diversionary works and will include staged payments; typically 3, (prior to survey & design, prior to plant & material ordering, prior to commencing construction works).
- d. 132kV diversion works <u>typically</u> take 18 months and outages occur during the summer months where demand is lower (April to October).
- e. Timescales however are still dependant on (and subject to) outage availability, as well as resources, faults, weather conditions, prompt payments, lead times, tenders, etc...
- f. If delays meant the outage period will be missed, then the works may have to be completed within the following outage period, therefore adding 6-9 months of delay.
- g. Lead time for 132kV cable is approximately 22 weeks.

4. Actions:

- a. HE (CH) to send MJ final plans for highway proposals
- b. HE (NR) to confirm the extent of the section 85 notice and forward to MJ
- c. **MJ** to check if discount applies
- d. **MJ** to send example T&C's for diversionary formal offers
- e. MJ to check outages booked over the next 1-2 years
- f. **MJ** to check if there are current proposals to divert part of the impacted 132kV lines (due to HS2 or otherwise)



Appendix C - Meeting Minutes - 16 May 2019



Minutes

Meeting name Western Power Distribution

Meeting Date 16/05/2019

Location Western Power **Distribution Offices** Tipton

Project number HE551485

Prepared by James Hemingway Subject

Review of existing assets vs proposed scheme

Time 13:30

Project name M42 J6 Improvement Scheme

AECOM project number

60543032

Attendees AECOM

James Hemingway (JC)

Highways England Nick Bartolo (NB) Nick Russel (NR) **Western Power** Distribution Mohammed Jaffar

(MJ) Marc Rees (MR) Skanska Borys Moj (BM)

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James Hemingway (JC) Mohamed Edroos

Javaid Farooq (JF) Nick Crocker (NC)

(ME)

Highways England Nick Bartolo (NB) Nick Russel (NR) Chris Harris (CH)

Western Power Distribution Mohammed Jaffar

(MJ) Marc Rees (MR)

BDB Pitmans Lee Tearle (LT) **Apologies**

Topic

Discussion

Introductions

JCH and MJ welcomed everyone to the meeting.

Project Overview

JCH provided an update to Western Power Distribution Representatives regarding the progress that has been made following the submission of the Scheme's Development Consent Order Application

Wester Power Distribution Diversions

JCH highlighted that the proposed diversion route across A45 will clash with the proposed sheet piled retaining wall that forms part of the A45 Eastbound to M42 Northbound free flow link. JCH highlighted the importance of either determining an alternative route or further co-ordination to ensure that appropriate accommodations can be made.

JCH highlighted that in this region the project team have prescribed limits of deviation for the diversion proposals and therefore the revised diversion proposals must take cognisance of these limits. If WPD were to require land outside these limits of deviation they should notify the project team as soon as possible as this would be a material change to the Development Consent Order Application.

To assist in the preparation of alternative diversion proposals JCH offered to send CAD files of the highway alignment and details of the proposed structure for information. JCH also would provide copies of the work plans to ensure that the limits of deviation could be considered.

JCH queried the diversion route as to why WPD were proposing to bury the overhead cables situated across the M42 and whether a terminal tower on the west could simply be provided and the section across the M42 remain an overhead run. MJ confirmed that it was their assumption this this tower on the West of the M42 was affected by the Scheme, however if that is not the case they shall investigate providing a terminal tower in the vicinity of the western tower.

JCH highlighted that the m42 project team are aware of HS2 proposals on the eastern side of the M42 and whether this would have any implications on the M42 J6's reduced diversion scope. MJ stated that a different team is designing the diversion for HS2.

With the M42 J6 scheme burying assets to the west of the M42 and HS2 burying assets to the east of the M42, JCH queried if there was any issue in keeping the section crossing the M42 as overhead cables. MJ stated that this would not be a problem and would be beneficial to WPD from an operation and maintenance perspective.

JCH gueried at what point would a combined scheme between M42 J6 and HS2 be devised? MJ stated that WPD as part of their design would look for efficiencies in combining the schemes to ensure that abortive work is not implemented. However the scheme diversion proposals are developed as standalone schemes.

BM from Skanska advised that the diversion proposals would need to ideally commence in January of 2021. WPD stated that from the tender process it is normally 6 months until commencement of works, with a 12 month diversion programme. However this would be subject to change as the design of the diversion is developed. BM stated that Skanska are open to a collaborative construction phasing approach to ensure that works in respect to the diversion and the M42 Junction 6 Scheme are co-ordinated.



Topic	Discussion
Next Steps	In reference to the changes discussed during the meeting JCH and NR queried whether a revised quotation and design would be provided. MR confirmed that he shall undertake a revised diversion and quote based upon the information to be provided by AECOM, this activity will take 3 weeks.
	To accept the offer, MJ confirmed that upon receipt of the revised quotation, Highways England would need to formally accept the offer in writing. Following this formal acceptance, Western Power will provide an invoice for the amount payable.
Closing Items	MJ is currently in the process of handing over the design responsibility to MR, so all future communication should include MR, email address mtrees@westernpower.co.uk

Ref	Action	Initial
01	AECOM to highway alignment model file and plans of the proposed retaining wall.	JCH
02	AECOM to provide work plans which identify the limits of deviation prescribed in the Development Consent Order application for these diversions	JCH
03	Western Power to provide revised diversion proposal and quotation in 3 weeks.	MR
04	Highways England to formally accept offer upon submission of revised quotation	NR / NB