

M42 Junction 6 Development Consent Order Scheme Number TR010027

8.9646 Outline Compound Management Plan ~~for~~ ~~Main Site Compound~~

Planning Act 2008

Rule 8 (1)(k)

The Infrastructure Planning (Examination Procedure) Rules 2010

Volume 8

~~November~~ August 2019

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Examination Procedure) Rules 2010

M42 Junction 6 Development Consent Order 202[]

Outline Compound Management Plan ~~for Main Site Compound~~

Regulation Number	Rule 8(1)(k)
Planning Inspectorate Scheme Reference	TR010027
Document Reference	8. <u>9646</u>
Author	M42 Junction 6 Project Team & Highways England

Version	Date	Status of Version
1	12 August <u>5 November</u> 2019	Final for submission for Deadline 3a8

Table of contents

Chapter	Pages
1 Purpose of this document	1
1.1 Introduction	1
1.2 Programme	1
1.3 Site roles and responsibilities	2
1.4 Structure of this document	2
2 General Requirements	3
2.1 Main site compound facilities	3
2.2 Construction site layout and good housekeeping	4
2.3 Site lighting	5
2.4 Site security	5
2.5 Hoardings, fencing and screening	6

Appendix:

- [1. Indicative Proposal for Main Compound and Office for the Scheme](#)
- [+2. Indicative Proposed Locations for the Satellite Site Compounds](#)

1 Purpose of this Document

1.1 Introduction

1.1.1 This document 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 main purpose of this document is to provide further details regarding the main site compound for the M42 Junction 6 scheme (the Scheme) and the practical measures that Highways England will put in place to mitigate the social and environmental effects which may occur as a result of activities on the main site compound, which is Work number 69 within Schedule 1 of the draft Development Consent Order (dDCO).

1.1.3 The construction of the Scheme will also require the use of additional satellite compounds.

1.1.4 A satellite compound is a smaller scale compound to the Main Site Compound located in close proximity to key civil engineering works, such as bridge structures. Like the Main Site Compound, the satellite compounds will be locations whereby key activities ancillary to the core construction works will be carried out. These compounds typically include small scale welfare and office facilities specific to the works being carried out. The site will also typically be used for localised storage and laydown for construction materials and fabrication.

1.1.21.1.5 The general requirements set out at 2.2 – 2.5 inclusive will also apply, where applicable, to the satellite -compounds.

1.1.6 Whilst this document has been prepared for the DCO Examination, this document is intended to supersede Volume 8.46 for Deadline 3a8, as an update to [REP3A-002/Volume 8.46], to incorporate, additional controls that will apply to the satellite compounds as well as the mMain sSite cCompound.

1.1.31.1.7 It is Highways England’s intention that this will form a supplementary management plan to the Outline Environmental Management Plan (OEMP) [APP-172/Volume 6.11]. This means that the measures contained within this document will be incorporated into the Applicant’s Construction Environmental Management Plan (CEMP) and will be binding on the Principal Contractor (PC) appointed to carry out the works to construct the Scheme. The OEMP and the subsequent CEMP are all secured through Requirement 4 of the dDCO [REP3-002/Volume 3.2a].

1.2 Programme

1.2.1 Construction of the Scheme is anticipated to commence in the first half of 2020 and would continue until spring 2024.

- 1.2.2 As described in Chapter 3 The project of the Environmental Statement (ES) [APP-48/Volume 6.1], the works would be undertaken in phases across different areas of the Scheme to reduce the level of disruption to residents, local businesses, statutory undertakers' assets and road users.
- 1.2.3 Notwithstanding this, some overlapping of activities within the phases would be necessary during the construction period, and the majority of the Scheme would be open to traffic before full completion of the works in 2024.

1.3 Site roles and responsibilities

- 1.3.1 The roles, identified in **Table 2.1** of the OEMP [APP-172/Volume 6.11], define the responsibilities associated with the roles for construction works, that the PC must establish and maintain. The responsibilities defined in the table include those relating directly to the development and implementation of the CEMP and final Management Plans and the wider environmental responsibilities. The PC will be required to delegate responsibilities to onsite personnel within key areas of the [main site](#) and [satellite](#) compounds. The delegation of responsibility will be clearly identified within relevant documents and site files.
- 1.3.2 Individual names and contact details will need to be confirmed and inserted where applicable by Highways England and the PC once appointed [for each compound](#). The PC shall establish a management structure that includes an organisational chart encompassing all staff responsible for delivery of environmental mitigation measures and shall include this chart within the CEMP. The chart will set out the respective roles and responsibilities with regard to the environment.
- 1.3.3 It is anticipated that prior to the commencement of each stage of the Scheme individuals would be identified to fulfil the relevant roles and, as the CEMP and relevant final Management Plans are developed and, ultimately, as the Handover Environmental Management Plan (HEMP) is produced, the roles and responsibilities would be further defined and clarified upon each iteration.

1.4 Structure of this document

- 1.4.1 This document comprises the following sections:
- Section 1: Purpose of this document – including the programme and site roles/responsibilities to be implemented by the PC; and
 - Section 2: [Identification of primary functions of the main site compound only, detailed in section 2.1, followed by Ggeneral requirements for all compounds](#), by environmental topic – which set out the measures which will be implemented in order to minimise disturbance from construction activities, as far as reasonably practicable, in relation to the following topics which relate to the ES.

2 General Requirements

2.1 Main site compound facilities

- 2.1.1 The primary function of the main site compound is to provide office buildings and welfare facilities for construction staff during the construction phase of the Scheme. It will be the location from which key activities ancillary to the core construction works will be carried out. Whilst some construction related activities may be carried out within the main site compound, this is not the principal function of the site.
- 2.1.2 The key activities and facilities to be contained within the main site compound include:
- a. office and administration centre for the Scheme with office and welfare units comprising changing and drying rooms, toilet facilities and canteen;
 - b. staff and visitor car parking and internal access roads;
 - c. drop off and pick up points within the compound for bus service to local transport hubs;
 - d. security units with 24/7 attendance;
 - e. secure boundary fencing;
 - f. temporary utility connections for water, power and communications. Temporary sewage treatment facility to treat foul water prior to discharge;
 - g. waste segregation areas;
 - h. construction stores for small tools and equipment;
 - i. areas for the laydown of materials and temporary works equipment;
 - j. a secure compound for recovered vehicles;
 - k. bunded areas for the storage of fuels;
 - l. parking area for lorry loader and plant including compressors, lighting towers, Mobile Elevated Work Platforms and pick-up trucks;
 - m. a materials testing laboratory;
 - n. areas for the storage of topsoil and subsoil;
 - o. an area for the storage of traffic management equipment;
 - p. construction of designated wash out tanks for road sweepers;
 - q. lighting;
 - r. haul road along the northern boundary to provide access to the south abutment of the proposed A45 footbridge;
 - s. ecological mitigation fencing; and
 - t. visual/acoustic mitigation fencing.

2.1.3 The following section sets out further details regarding the practical measures that will be undertaken in relation to the main site compound [and satellite compounds, where applicable](#). These should be read in conjunction with the OEMP [APP-172/Volume 6.11] and the outline management plans it contains.

2.2 Construction site layout and good housekeeping

- 2.2.1 To reduce the likelihood of an environmental incident or nuisance occurring, the following measures will be used, where required:
- a. treatment of perimeters, cleanliness on site, provision of staff facilities, waste management;
 - b. effective preventative pest and vermin control and prompt treatment of any pest and vermin infestation, including arrangements for disposing of food waste or other attractive material, if an infestation occurs, the contractor will take action to eliminate the infestation and prevent further occurrence;
 - c. prohibition of open fires, and a requirement to take measures to minimise the likelihood of fires;
 - d. removal or stopping and sealing of drains and sewers taken out of use;
 - e. no discharge of site run-off to ditches, watercourses, drains, sewers or soakaways without the agreement of the appropriate authority;
 - f. maintenance of wheel-washing facilities or other containment measures;
 - g. siting of materials stockpiles to, where practicable, minimise visual impact;
 - h. location of storage, machinery, equipment and temporary buildings to minimise environmental effects and, where practicable, outside flood risk areas;
 - i. the use of less intrusive noise alarms that meet the particular safety requirements of the site, such as broadband reversing warnings, or proximity sensors to reduce the requirement for traditional reversing alarms;
 - j. controls on lighting/illumination to minimise visual intrusion or any adverse effects on sensitive ecology;
 - k. the location of site accommodation to avoid overlooking residential properties;
 - l. management of staff congregating outside the site prior to commencing or leaving work;
 - m. security measures, including closed circuit television (CCTV) – the location and direction of view of security cameras or blocking software to prevent intrusion into residential properties will be considered;
 - n. avoidance of the use of loudspeaker or loudhailer devices;
 - o. containing and limiting the visual intrusion of construction sites, as far as reasonably practicable;
 - p. provision of maps showing sensitive areas and buffer zones where no pollutants are to be stored or used;
 - q. adequate welfare facilities for staff;

- r. smoking areas at site offices/compounds or worksites equipped with containers for smoking wastes – these would not be located at the boundary of working areas or adjacent to neighbouring land; and
- s. the implementation of a construction workers travel plan to encourage use of public transport by project staff and control off-site parking.

2.2.2 Where reasonably practicable, public rights of a way (including diversions) will be maintained for pedestrians, cyclists and equestrians affected by the Scheme, including reasonable adjustments to maintain or achieve inclusive access.

2.2.3 Where reasonably practicable, inclusive access (including for people with reduced mobility) will be maintained to services and buildings where they have been temporarily disrupted during the works. Where a need is identified (for example through stakeholder engagement with relevant local organisations or community liaison processes), the PC will review access and routes. These reviews will indicate where additional measures or reasonable adjustments may be required for the purposes of ensuring accessibility by disabled or mobility-impaired people.

2.3 Site lighting

2.3.1 Site lighting and signage will be provided to enable the safety and security of the [main-site compounds](#). It will be at the minimum luminosity necessary and use low-energy consumption fittings. If appropriate, lighting to site boundaries where the public will be able to pass will be provided and illumination will be sufficient to provide a safe route. In particular, precautions will be taken to avoid shadows cast by the site hoarding on surrounding footpaths, roads and amenity areas. Where appropriate, lighting will be activated by motion sensors to prevent unnecessary usage. It will comply with the Institute of Lighting Professionals' Guidance notes for the reduction of obtrusive light and the provisions of BS 5489, Code of practice for the design of road lighting, where applicable.

2.3.2 Lighting will also be designed, positioned and directed so as not to unnecessarily intrude on adjacent buildings, ecological receptors, structures used by protected species and other land uses to prevent unnecessary disturbance, interference with local residents, railway operations, passing motorists, or the navigation lights for air or water traffic. This provision will apply particularly to sites where night working will be required.

2.4 Site security

2.4.1 The PC has a duty to prevent unauthorised access to the [main-site compounds](#) and other [satellite](#) construction compounds needed by the Scheme.

2.4.2 The following measures may be used by the PC to prevent unauthorised access to the [main-site compounds](#):

- a. use of high perimeter fencing or hoarding, but only where necessary for site security and public safety;
- b. site lighting at site perimeters (subject to the conditions set out in Section 2.3);
- c. adequate security guards and patrols;
- d. CCTV and infra-red surveillance and alarm systems where required;

- e. consultation with neighbours on site security matters;
- f. immobilisation of plant out of hours, removing or securing hazardous materials from site, securing fuel storage containers and preventing unauthorised use of scaffolding to gain access to restricted areas and neighbouring properties.

2.5 Hoardings, fencing and screening

2.5.1 The following measures will be applied to the [main site compounds](#), as appropriate:

- a. use and maintenance of adequate fencing and hoardings to an acceptable condition to prevent unwanted access to the [construction site](#), to provide noise attenuation, screening and site security where required – this will include the need to provide viewing points at relevant locations, if appropriate;
- b. painting the side of hoardings facing away from the site, and to keep them free of graffiti or posters;
- c. providing site information boards with out-of-hours contact details;
- d. displaying notices on site boundaries to warn of hazards on site, such as deep excavations and construction access;
- e. providing signage to indicate re-routed pedestrian/cycle paths (if applicable);
- f. displaying notices confirming that businesses whose access or view may be affected by construction works remain open, with directions for how to access them;
- g. maintenance of protective fencing and/or specialist fencing (e.g. reptile fencing) to protect environmentally sensitive features during construction; and
- h. retaining existing walls, fences, hedges and earth banks for the purpose of screening as far as reasonably practicable.

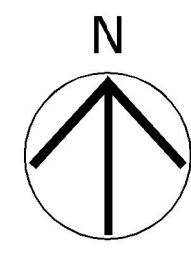
2.5.2 Where hoarding is required, it will be 2.4m in height and may be raised to 3.6m (and possibly altered in form) if necessary to enhance its acoustic performance for specific locations.

2.5.3 Temporary fences may be used in certain areas, such as for short-term occupation of sites or at more remote [satellite compound](#) locations.

2.5.4 Clear sight lines will be maintained around hoardings and fencing with no hidden corners in order to avoid, where reasonably practicable, opportunities for anti-social behaviour and crime and to ensure the safety of vehicles.

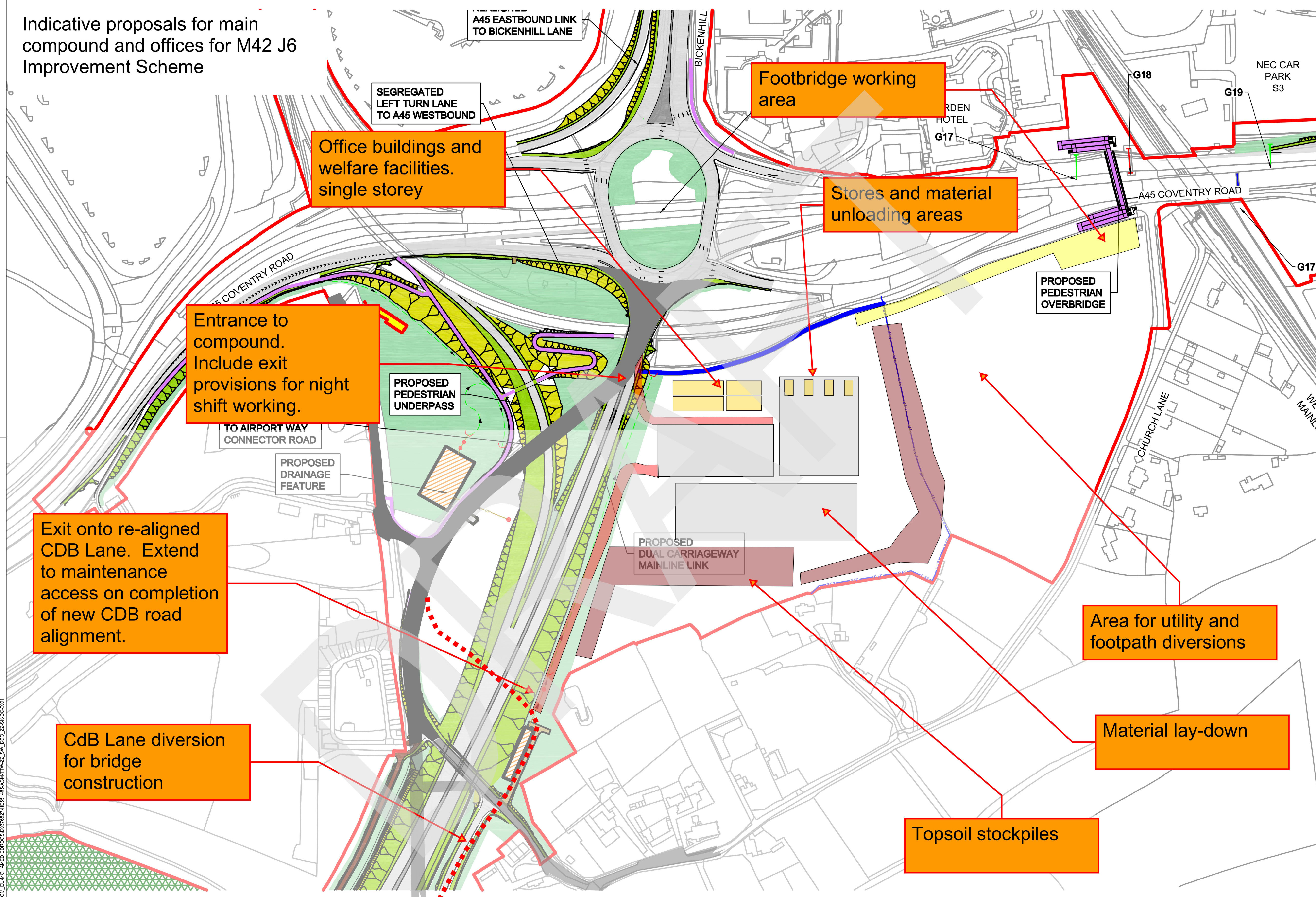
2.5.5 Fencing and hoarding will, as far as is reasonably practicable, be located such that it does not damage sensitive habitats, trees or hedgerows.

Appendix 1: Indicative Proposal for Main Compound and Office for the Scheme



- NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
 2. DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS.
 3. ALL DIMENSIONS IN METRES, ALL CHAINAGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

Indicative proposals for main compound and offices for M42 J6 Improvement Scheme



First Issue	02/07/19	P01.1
Revision Details	By	Date
	Check	Suffix

Purpose of Issue
FOR INFORMATION

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
INDICATIVE PROPOSAL FOR MAIN COMPOUND AND OFFICES FOR M42 J6 SCHEME

Designed MS	Drawn MS	Checked MS	Approved JP	Date 30/05/2019
Internal Project No. 60543032	Suitability SZ			
Scale @ A1	Zone			

NTS
Scheme Wide General

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Drawing Number Highways England PIN HE551485	Originator -ACM	Volume -TTW-	Rev P01.1
Location ZZ_SW_DCO_ZZ	Type -SK-DC-0001	Role 1	Number 1

Plot Date: 05 Jul 2019 16:37:46
 File Name: C:\P\WORKING\ACM\DCO\ELIMCHAMBER\EBROCS\037827\HE551485-ACM-TTW-ZZ_SW_DCO_ZZ-SK-DC-0001

Appendix 2: Indicative Proposed Locations for the Satellite Site Compounds

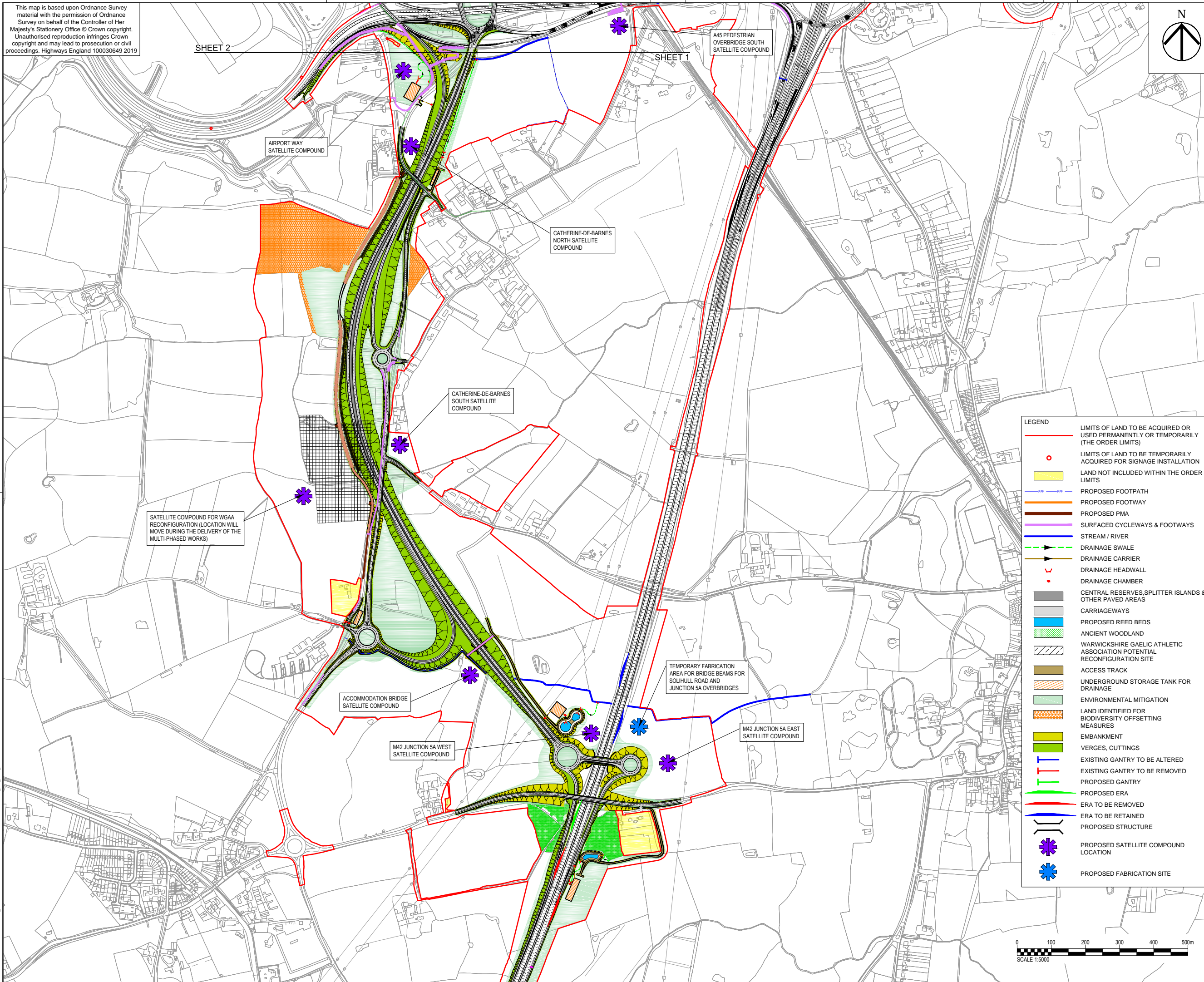
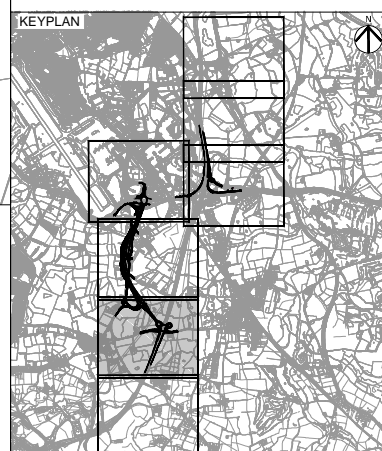
This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Highways England 100030649 2019

SHEET 2

SHEET 1



- NOTES**
- ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE.
 - DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS.
 - THE PROPOSED WORKS SHOWN ARE ILLUSTRATIVE ONLY AND WILL BE SUBJECT TO CHANGE AS PART OF DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION.
 - SATELLITE COMPOUND LOCATIONS SHOWN ARE REPRESENTATIVE OF THE DETAILS PRESENTED IN TABLE 3.4 OF THE ENVIRONMENTAL STATEMENT CHAPTER 3.



LEGEND

- LIMITS OF LAND TO BE ACQUIRED OR USED PERMANENTLY OR TEMPORARILY (THE ORDER LIMITS)
- LIMITS OF LAND TO BE TEMPORARILY ACQUIRED FOR SIGNAGE INSTALLATION
- LAND NOT INCLUDED WITHIN THE ORDER LIMITS
- PROPOSED FOOTPATH
- PROPOSED FOOTWAY
- PROPOSED PMA
- SURFACED CYCLEWAYS & FOOTWAYS
- STREAM / RIVER
- DRAINAGE SWALE
- DRAINAGE CARRIER
- DRAINAGE HEADWALL
- DRAINAGE CHAMBER
- CENTRAL RESERVES, SPLITTER ISLANDS & OTHER PAVED AREAS
- CARRIAGEWAYS
- PROPOSED REED BEDS
- ANCIENT WOODLAND
- WARWICKSHIRE GAELIC ATHLETIC ASSOCIATION POTENTIAL RECONFIGURATION SITE
- ACCESS TRACK
- UNDERGROUND STORAGE TANK FOR DRAINAGE
- ENVIRONMENTAL MITIGATION
- LAND IDENTIFIED FOR BIODIVERSITY OFFSETTING MEASURES
- 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
- ✳ PROPOSED SATELLITE COMPOUND LOCATION
- ✳ PROPOSED FABRICATION SITE

First Issue	JCH	PJK	10/10/19	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue: **FOR INFORMATION**

Client: Highways England
 Two Colmore Square
 38 Colmore Circus
 B4 6BN



Development Consent Order Number: **TR010027**

Project Title: **M42 JUNCTION 6 IMPROVEMENT**

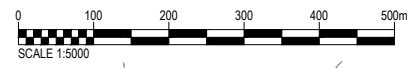
Drawing Title: **SATELLITE COMPOUND LOCATIONS SHEET 1 OF 2**

Designed	Drawn	Checked	Approved	Date
JCH	JCH	ME	PJK	10/10/19

Internal Project No: 60543032
 Scale @ A1: 1:5000
 Suitability: S2
 Zone: Scheme Wide General

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Highways England PIN	Originator	Volume	Rev
HE551485	-ACM	-GEN-	P01
ZZ_SW_DCO_ZZ	-DR-DC-2103		
Location	Type	Role	Number

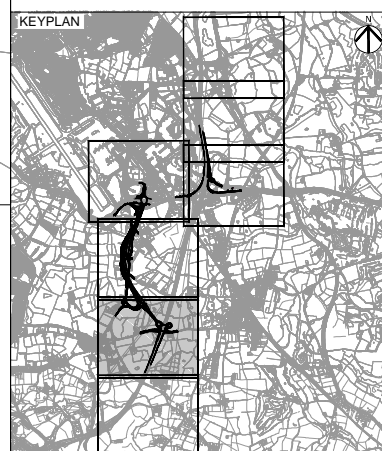


Plot Date: 10 October 2019 17:39:05
 File Name: C:\P\WORKING\AECOM_EU\JAMES HEINONEN\0307827HE05185-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2103

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Highways England 100030649 2019



- NOTES**
1. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE.
 2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
 3. THE PROPOSED WORKS SHOWN ARE ILLUSTRATIVE ONLY AND WILL BE SUBJECT TO CHANGE AS PART OF DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO BEING WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER.
 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION.
 5. SATELLITE COMPOUND LOCATIONS SHOWN ARE REPRESENTATIVE OF THE DETAILS PRESENTED IN TABLE 3.4 OF THE ENVIRONMENTAL STATEMENT CHAPTER 3.



- LEGEND**
- LIMITS OF LAND TO BE ACQUIRED OR USED PERMANENTLY OR TEMPORARILY (THE ORDER LIMITS)
 - LIMITS OF LAND TO BE TEMPORARILY ACQUIRED FOR SIGNAGE INSTALLATION
 - LAND NOT INCLUDED WITHIN THE ORDER LIMITS
 - PROPOSED FOOTPATH
 - PROPOSED FOOTWAY
 - PROPOSED PMA
 - SURFACED CYCLEWAYS & FOOTWAYS
 - STREAM / RIVER
 - DRAINAGE SWALE
 - DRAINAGE CARRIER
 - DRAINAGE HEADWALL
 - DRAINAGE CHAMBER
 - CENTRAL RESERVES, SPLITTER ISLANDS & OTHER PAVED AREAS
 - CARRIAGEWAYS
 - PROPOSED REED BEDS
 - ANCIENT WOODLAND
 - WARWICKSHIRE GAELIC ATHLETIC ASSOCIATION POTENTIAL RECONFIGURATION SITE
 - ACCESS TRACK
 - UNDERGROUND STORAGE TANK FOR DRAINAGE
 - ENVIRONMENTAL MITIGATION
 - LAND IDENTIFIED FOR BIODIVERSITY OFFSETTING MEASURES
 - 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
 - * PROPOSED SATELLITE COMPOUND LOCATION
 - * PROPOSED FABRICATION SITE

First Issue	JCH	PJK	10/10/19	P01
Revision Details	By	Check	Date	Suffix

FOR INFORMATION

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

Development Consent Order Number
TR010027

M42 JUNCTION 6 IMPROVEMENT

SATELLITE COMPOUND LOCATIONS SHEET 2 OF 2

Designed	Drawn	Checked	Approved	Date
JCH	JCH	ME	PJK	10/10/19

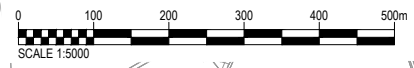
Internal Project No. 60543032
Scale @ A1 1:5000
Sustainability S2
Zone Scheme Wide General

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Highways England PIN	Originator	Volume	Rev
HE551485	-ACM	-GEN-	P01
Location	Type	Role	Number
ZZ_SW_DCO_ZZ	-DR-DC-	2104	

SHEET 2

SHEET 1



Plot Date: 10 October 2019 17:44:09
 File Name: C:\P\WORKING\AECOM_EUAMES\HEMIND\VA\0307827\HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2104