

# HS2 Planning Context Report

Prepared for Solihull Metropolitan Borough

April 2017

# Table of Contents

Table of Contents .....	3
Preface .....	4
Purpose .....	4
Status .....	4
Structure.....	4
Other Relevant Documents .....	4
1 Introduction to HS2 .....	5
The HS2 Project.....	5
Control of Environmental Impacts .....	6
Controls in the Act .....	6
Environmental Minimum Requirements .....	8
Existing Legislation and Other Safeguards .....	11
2 HS2 in Solihull Metropolitan Borough .....	12
Introduction.....	12
Preparatory and Temporary Works .....	15
3 Landscape and Restoration .....	18
4 Schedule 17 Requests for Approval – Programme .....	19
5 Planning Context Report Plans – Construction and Operation .....	22
Annex 1 – Signposting .....	55



# Preface

## Purpose

This Planning Context Report provides an overview of HS2 works that will take place within Solihull Metropolitan Borough (the Borough) and a programme for making requests for approval under Schedule 17 to the High Speed Rail (London - West Midlands) Act 2017 (“the HS2 Act”).

The report has been prepared in fulfilment of the requirements of paragraph 16 (1) (a) of Schedule 17 to the Act, which states:

*A planning authority need not consider a request for approval under Part 1 [of Schedule 17 to the Act] unless:*

*a) the nominated undertaker has deposited with the authority a document setting out its proposed programme with respect to the making of requests under that Part to the authority,*

This document accordingly sets out the proposed programme for making requests under Schedule 17 to the HS2 Act. This document also meets the requirement of paragraph 9.2 of the High Speed Rail (London – West Midlands) Planning Memorandum (the “Planning Memorandum”), which states that the ‘...report is to include an indication of the location of the scheduled and non-scheduled works to which requests for approval are expected to relate.’

## Status

This document is deposited for information only. It does not require the approval of the planning authority.

## Structure

This document contains three sections:

### **Section 1: Introduction to HS2**

Describes in outline the HS2 project, summarises the planning regime and outlines obligations with respect to mitigation of environmental impacts.

### **Section 2: HS2 in Solihull Metropolitan Borough**

Outlines the proposals within the Borough, and describes the permanent, preparatory and temporary works.

### **Section 3: Landscape and Restoration**

Outlines landscape and restoration works proposed after construction.

### **Section 4: Programme for Requests for Approval under Schedule 17**

Sets out the programme for submission of requests for approval.

### **Section 5: Planning Context Report Plans – Construction and Operation**

Illustrates the location of permanent and temporary works in the Borough.

## Other Relevant Documents

To understand the full background to the HS2 proposals and to the planning regime under which requests for approval are to be made, reference should be made to the following documents:

- The HS2 Act;
- The HS2 Environmental Statement ; and
- The High Speed Rail (London – West Midlands) Environmental Minimum Requirements (“the EMRs”).

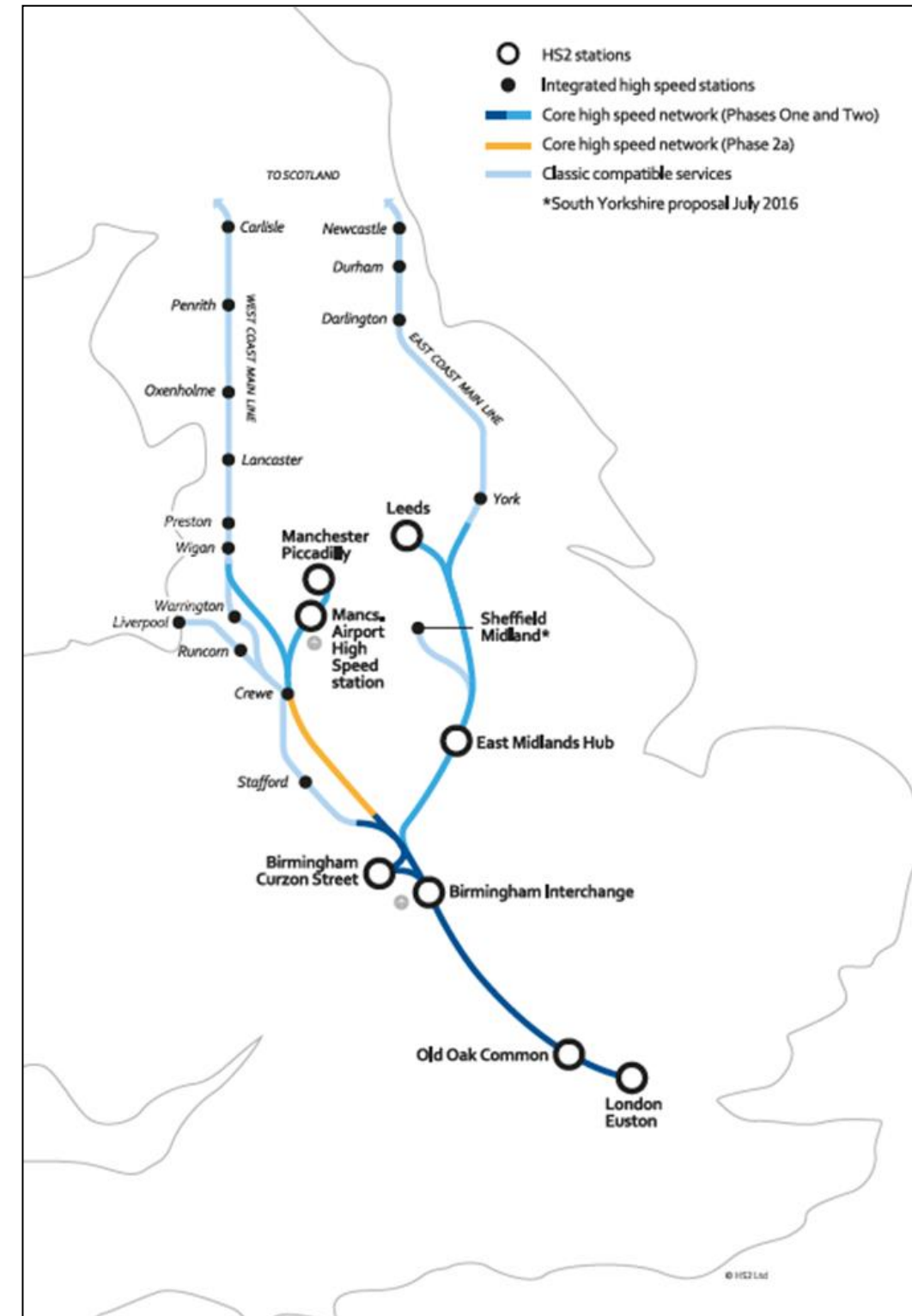
Annex 1 signposts these and other relevant documents.

# 1 Introduction to HS2

## The HS2 Project

- 1.1 HS2 is the Government's proposal for a new, high speed north-south railway. The proposal is being taken forward in two phases: Phase One will connect London with Birmingham and the West Midlands and Phase Two will extend the route to Manchester, Leeds and beyond.
- 1.2 On 23<sup>rd</sup> February 2017 Royal Assent was granted for Phase One of HS2, which comprises of a new high speed railway between London and the West Midlands with stations at London Euston, Old Oak Common, Birmingham Interchange, and Birmingham Curzon Street. Figure 1 illustrates the Phase One route between London – West Midlands and Phase Two proposals.

Figure 1: HS2 route map



## Control of Environmental Impacts

- 1.3 The environmental impacts of the construction, maintenance and operation of HS2 will be controlled in three ways:
- Controls within the HS2 Act such as approvals to designs and construction arrangements;
  - Policies, commitments and undertakings entered into outside of the Act, including the EMRs; and
  - Existing legislation, unless expressly or impliedly dis-applied or modified by the Act.
- 1.4 These controls are summarised below.

### **Environmental Statement**

- 1.5 The HS2 Phase One Environmental Statement (ES) was published in November 2013. It has been supplemented by a number of additional volumes as further information has become available, and in light of proposed changes to the project<sup>1</sup>.
- 1.6 The ES identifies the likely significant effects that will arise from the construction and operation of HS2 and identifies the range of mitigation measures that could be used to reduce or eliminate these effects. The assessment is based on a number of assumptions about design and construction practices.
- 1.7 As the project is taken forward to detailed design and construction there may be changes to assumed construction methods and design, subject to the requirements of the Act, the EMRs, and any approvals required from consent granting bodies, and in response to the requirements of any relevant Undertakings or Assurances.

## Controls in the Act

### **The Planning Regime**

- 1.8 Section 20 to the HS2 Act grants deemed planning permission under Part 3 of the Town and Country Planning Act 1990 (“the TCPA”) for the works authorised by the HS2 Act. This permission is subject to the requirement that certain approvals need to be obtained from the relevant planning authorities under the planning regime established by Schedule 17 to the Act. The conditions in Schedule 17 are enforceable by the planning authority in accordance with the TCPA.

- 1.9 The principal works authorised by the HS2 Act are described in Schedule 1 (the “scheduled works”). The descriptions in Schedule 1 to the HS2 Act set out the type of work and their location, for example:

*Work No.1/1 – A railway (23.48 kilometres in length) partly in tunnel, commencing at a point 235 metres east of the junction of North Gower Street with Drummond Street passing north-westwards and terminating beneath a point 80 metres north-west of the bridge carrying Ickenham Road over the Marylebone to Aylesbury Railway. Work No. 1/1 includes shafts at Coburg Street, Mornington Street, Granby terrace, Parkway, Adelaide Road, Alexandra Place, Canterbury Works and Greenpark Way, a station at Old Oak Common and a Crossover Box at Victoria Road.*

- 1.10 The scheduled works must be constructed in the locations and to the levels relevant to each scheduled work shown on the deposited plans and sections (the ‘Limits of Deviation’). The scheduled works may deviate vertically downwards from the levels shown to any extent, and may deviate upwards up to 3 metres subject to the upper limits defined for certain works such as stations, depots or shafts.
- 1.11 Section 2 to the HS2 Act authorises, within the Act limits, the construction and maintenance of a wide range of other development for the purposes of or in connection with the scheduled works, or otherwise for Phase One purposes. Section 2 also authorises, within the Act limits, the carrying out and maintenance of landscaping and other works to mitigate adverse effects of the construction, maintenance or operation of the works and to carry out and maintain works for the benefit or protection of land affected by the works.
- 1.13 Such ancillary works may be constructed within Act limits as defined on the deposited plans. The HS2 Act only grants deemed planning permission for the construction of works which are not scheduled works if they are within the scope of the ES that accompanies the HS2 Act.
- 1.14 Schedule 2 to the Act authorises further works, including surveys and investigation of land, support of buildings, works to trees, discharge of water, and temporary works to certain waterways.
- 1.15 Schedule 17 to the Act defines the detailed planning regime which will apply to the planning authority affected by works to construct and operate HS2.
- 1.16 The planning regime under Schedule 17 is different to that of the TCPA. It differs from the TCPA process in how it defines the matters that require approval and the grounds that the planning authorities can have regard to in determining requests for approval. The grounds for the imposition of conditions and/or the refusal of Schedule 17 submissions are limited in comparison to the TCPA process. This is because the works already have deemed planning permission through the Act and there are other complementary controls imposed through the HS2 Act and EMRs.

<sup>1</sup> An Environment Statement has been published with the Additional Provision tabled by the Promoter in September 2014. In addition, Supplementary Environmental Statements and Additional Provision Environmental Statements were published and tabled by the Promoter in July 2015, September 2015, October 2015 and December 2015.

- 1.17 Schedule 17 requires the nominated undertaker to submit the following details to planning authorities, for approval or agreement:
- Plans and specifications of certain works;
  - Matters ancillary to development (“construction arrangements”);
  - Road Transport (lorry routes);
  - Bringing into use; and
  - Site restoration schemes.
- 1.18 Planning authorities who have given the Secretary of State undertakings, as set out in the Planning Memorandum, with respect to the handling of planning matters under Schedule 17, have become ‘qualifying authorities’. The main provisions of the Planning Memorandum are summarised in Section 1.4 below.
- 1.19 The Borough has become a qualifying authority.
- 1.20 In relation to qualifying authorities, the operations or works for which plans and specifications will be submitted for approval are identified in Table 1.

**Table 1: Operations or works requiring approval of plans and specifications**

PLANS AND SPECIFICATIONS	
BUILDING WORKS (paragraph 2 of Schedule 17)	The erection, construction or alteration of any building, other than a temporary building.
OTHER CONSTRUCTION WORKS (paragraph 3 of Schedule 17)	Road vehicle parks; Earthworks; Sight, noise or dust screens; Transformers, telecommunication masts or pedestrian accesses to railway lines; Fences or walls, and Lighting equipment.
WASTE AND SPOIL DISPOSAL AND EXCAVATION (Paragraph 7 of Schedule 17)	Disposal of waste or spoil. Excavations of bulk materials from borrow pits.

- 1.21 In relation to qualifying authorities, development must be carried out in accordance with matters ancillary to development (construction arrangements) approved by the relevant planning authority (paragraph 4 of Schedule 17).

- 1.22 Schedule 17 enables the Secretary of State to make a class approval for construction arrangements, except in relation to construction camps (paragraph 5 of Schedule 17). A class approval was made by the Secretary of State on 24<sup>th</sup> March 2017, following consultation with the planning authorities affected, for the following generic construction arrangement matters: handling of re-usable spoil and topsoil; storage sites; site screening; artificial lighting; suppression of dust; road mud control measures. The approval of construction camps is not included in the class approval.
- 1.23 Where lorry movements exceed 24 to/from a construction site, the lorry route must be approved (paragraph 6 of Schedule 17) by the relevant qualifying authority.
- 1.24 The relevant qualifying authority approves a bringing into use request for approval (paragraph 9 of Schedule 17), for most scheduled works, apart from any which are below ground, and maintenance depots. The purpose of bringing into use requests is to ensure that appropriate mitigation has been incorporated, and no such work can be brought into use without such approval.
- 1.25 A site restoration scheme will be submitted for agreement with the relevant planning authority in accordance with paragraph 12 of Schedule 17.
- 1.26 The planning authority must have regard to statutory guidance issued by the Secretary of State in accordance with paragraph 26 of Schedule 17 to the HS2 Act.

#### ***Other Consents in the Act***

- 1.27 In addition to the planning regime described above, Schedules 4 and 33 to the HS2 Act contain provisions setting out the protections to be provided for various bodies with statutory responsibilities likely to be affected by the works.

#### **Schedule 4 – Accesses to highways affecting traffic**

- 1.28 To control the impact of constructing new or altering existing accesses onto the local road network, local highway authorities have an approval role. For the opening of an access onto, or the alteration of, a road at a place shown on the deposited plans the works must be carried out in accordance with plans and specifications approved by the highway authority. In addition the local highway authority may require the access to be moved elsewhere within the Act limits where that is reasonably capable of being done. If an access is required at a location other than that shown on the deposited plans, the consent of the highway authority is required, subject to its approval of plans and specifications.

#### **Schedule 4 – Stopping up, diversion and interference with the highway**

- 1.29 During construction the temporary closure, diversion or interference with highways will be required. In order to address local impacts the Act provides for highway authority input. Where a highway is specified within the Act, the nominated undertaker must consult the highway authority

about the exercising of the powers before doing so. Where the powers are to be exercised in relation to a highway not specified within the Act the nominated undertaker must obtain the consent of the highway authority.

### Schedule 33 – Highways

- 1.30 Part 1 of Schedule 33 requires the nominated undertaker in exercising the powers in the Act in relation to highways to have regard to the potential disruption of traffic and to seek to minimise such disruption so far as reasonably practicable, and gives highway authorities rights of approval over various matters concerning details of the works affecting highways.
- 1.31 Additional controls are contained in Schedule 4. Where the nominated undertaker constructs a new or alters an existing highway, the construction or alteration must be completed to the reasonable satisfaction of the highway authority, who shall certify that fact in writing to the nominated undertaker.
- 1.32 Where the nominated undertaker constructs or realigns a highway that is constituted or comprises a carriageway, it must be carried out in accordance with plans, sections and specifications approved by the highway authority.

### Schedule 33 – Water

- 1.33 The construction of HS2 will have impacts on inland waterways and land drainage, flood defences, water resources and fisheries. In order to address these impacts the Act includes a range of controls for the relevant authorities.
- 1.34 The impacts on inland waterways are addressed in Part 4 of Schedule 33, this gives the Canal and River Trust the power to approve plans and specifications for works affecting waterways for which it is responsible.
- 1.35 Part 5 of Schedule 33 states that before beginning to construct any “specified work” (in the main, those affecting drainage, flood storage and flood defence, the flow or purity of water and conservation of water resources), the nominated undertaker will submit plans, including method statements, for the works to the Environment Agency or local drainage authorities (i.e. lead local flood authorities, or internal drainage boards) for approval. Works will be constructed in accordance with the approved plans.
- 1.36 The Environment Agency or local drainage authorities may, amongst other matters, make conditions requiring the nominated undertaker at its own expense to construct such protective works as are reasonably necessary to safeguard any drainage work against damage or to ensure its efficiency for flood defence purposes is not impaired during the construction of the specified works.
- 1.37 These provisions have effect instead of the normal consenting regime which would apply, for example, under the Land and Drainage Act 1991, or the Environmental Permitting Regulations 2010.

### Schedule 33 - Other Controls

- 1.38 Schedule 33 – Protective provisions also include the requirement for consultations and agreements from statutory utilities undertakers.

### Schedule 18 – Listed Buildings

- 1.39 The HS2 Act disappplies the normal controls requiring conservation area consent and listed building consent under the Planning (Listed Building and Conservation Areas) Act 1990, for the demolition, alteration or extension of listed buildings and unlisted buildings. The disapplication applies to the extent specified in Schedule 18 to the Act.
- 1.40 In recognition of the removal of the requirement for listed building consent, heritage agreements have been entered into between the nominated undertaker, Historic England and relevant local authorities. These agreements require approvals to detailed method statements in relation to the works subject to the disapplication of the normal listed building controls.

### Environmental Minimum Requirements

- 1.41 There are a variety of control mechanisms and mitigation strategies outside of the HS2 Act. These are captured in the EMRs.
- 1.42 The EMRs are a suite of documents that have been developed in consultation with local authorities and other relevant stakeholders. The nominated undertaker is contractually bound to comply with the controls set out in the EMRs, through the Development Agreement with the Secretary of State.
- 1.43 The controls contained in the EMRs, along with powers contained in the HS2 Act and the Undertakings given by the Secretary of State, will ensure that impacts which have been assessed in the ES will not be exceeded, unless any new impact or impacts in excess of those assessed in the ES:
  - results from a change in circumstances which was not likely at the time of the ES<sup>2</sup> ;
  - would not be likely to be environmentally significant<sup>3</sup> ;
  - results from a change or extension to the project, where that change or extension does not itself require environmental impact assessment (EIA) under either (i) article 4(1) of and paragraph 24 of

<sup>2</sup> i.e. a situation that could not reasonably have been anticipated at the time of the ES.

<sup>3</sup> This covers all effects (both positive and adverse) where those effects are simply of no environmental significance.



Annex 1 to the EIA Directive<sup>4</sup> ; or (ii) article 4(2) of and paragraph 13 of Annex 2 to the EIA Directive<sup>5</sup>; or

- would be considered as part of a separate consent process (and therefore further EIA if required).

1.44 In addition to general principles, the EMRs comprise:

- a number of specific requirements, including that the nominated undertaker will use reasonable endeavours to adopt mitigation measures that will further reduce any adverse environmental impacts caused by HS2, insofar as these mitigation measures do not add unreasonable costs to the project or unreasonable delays to the construction programme;
- the undertakings and assurances given to Parliament and petitioners by the Secretary of State during the passage of the High Speed Rail (London – West Midlands) Bill (the Bill); and
- the Code of Construction Practice, Planning Memorandum, Heritage Memorandum, and Environmental Memorandum.

#### ***Undertakings and Assurances***

1.45 During the passage of the Bill through Parliament, the Secretary of State entered into a range of undertakings and assurances. The HS2 Act Register of Undertakings and Assurances contains all the undertakings and assurances given to petitioners and to Parliament before and during the passage of the Bill. The register forms part of the EMRs and as a result the nominated undertaker is contractually bound to deliver them.

#### ***Code of Construction Practice***

1.46 The Code of Construction Practice (CoCP) is Annex 1 of the EMRs. It sets out specific details and working practices in relation to site preparation (including site investigation and remediation, where appropriate), demolition, material delivery, excavated material disposal, waste removal and all related engineering and construction activities.

1.47 The CoCP sets out the measures that nominated undertaker and contractors are required to implement in order to limit disturbance from construction activities, as far as reasonably practicable:

- General requirements related to community relations, hours of work, pollution incident control and security, etc;
- Agriculture, forestry and soils;
- Air quality;

- Cultural heritage;
- Ecology;
- Ground settlement;
- Land quality;
- Landscape and visual;
- Noise and vibration;
- Traffic and transport; and
- Water resources and flood risk.

1.48 Local Environmental Management Plans (LEMPs) will be prepared for each local authority area.

1.49 The LEMPs will include a number of specific measures by topic, as relevant to each local authority area. The LEMPs will build on the general environmental requirements contained in the CoCP and will set out how the project will adapt and deliver the required environmental and community protection measures within each relevant local authority area.

1.50 The nominated undertaker and/or its contractors will engage with the local communities, local authorities and other stakeholders in order to develop the LEMPs.

#### ***Planning Memorandum***

1.51 The Planning Memorandum is Annex 2 of the EMRs. It sets out in detail the responsibilities and requirements in relation to planning matters for those authorities that choose to become qualifying authorities. It also sets out requirements for the nominated undertaker in the implementation of Schedule 17 of the HS2 Act.

#### ***Heritage Memorandum***

1.52 The Heritage Memorandum is Annex 3 of the EMRs. It provides a framework for the nominated undertaker, Historic England, local authorities and other stakeholders to work together to ensure that the design and construction of Phase One is carried out with proper regard to the historic environment.

#### ***Environmental Memorandum***

1.53 The Environmental Memorandum is Annex 4 of the EMRs. It provides a framework for the nominated undertaker and representatives of the National Environment Forum to work together to ensure that the design and construction of the HS2 Phase One is carried out with due regard for environmental considerations.

<sup>4</sup> 2011 consolidated EIA Directive (2011/92/EU).

<sup>5</sup> Broadly, this would not allow those changes or extensions to the project which would give rise to adverse environmental effects within the EIA.

### **Planning Forum**

- 1.54 The HS2 Phase One Planning Forum was established to help co-ordinate and secure the expeditious implementation of the planning provisions in the Act. The primary objectives and functions of the Planning Forum are:
- To prepare notes on related matters, which will set out standards and practices to be followed by those implementing the planning regime.
  - To consider common design items for certain structures associated with the railway (such as bridges, acoustic barriers or retaining walls).
- 1.55 The Planning Forum has a number of sub-groups:
- Highways Subgroup.
  - Environmental Health Subgroup;
  - Heritage Subgroup; and
  - Flood Risk and Drainage Subgroup.

### **Environmental Management System**

- 1.56 As part of the sustainability policy, the nominated undertaker will develop an environmental management system (EMS) in accordance with *BS EN ISO 14001*. The EMS provides the process by which environmental management, both within its organisation and in relation to its operations, is undertaken to ensure the relevant findings of the ES are addressed through the construction phase.
- 1.57 The nominated undertaker will require each of its main contractors to have an EMS certified to *BS EN ISO 14001*. Their EMS will include roles and responsibilities, together with appropriate control measures and monitoring systems to be employed during planning and constructing the works for all relevant topic areas. Where the lead contractor is a joint venture, the EMS will be certified to cover the activities of the joint venture.

### **Management of Construction Traffic**

- 1.58 The HS2 Routewide Traffic Management Plan (RTMP) describes the principles and objectives for the management of transport, highways and traffic during the delivery of the works. It codifies the discussions held with the highway authorities along the HS2 Phase One route via the Highway Subgroup to the Planning Forum and takes into account the best practice used during the delivery of similar large construction projects.
- 1.59 The RTMP document will be supplemented with a series of Local Traffic Management Plans (LTMPs) along the route. LTMPs will set out the full range of local controls, significant works programmes for highways and other appropriate matters.
- 1.60 Prior to commencement of main construction, and during the construction phase, regular local Traffic Liaison Group (TLG) meetings will be established with local highway authorities so that

matters such as local traffic management schemes can be reviewed prior to submission or approval and the implementation of schemes reviewed and other monitoring reported, and other matters of interest discussed and co-ordinated. The geographic areas for TLGs and initial terms of reference including attendance and initial frequency of TLG meetings will be discussed with the Highways Subgroup to the Planning Forum.

### **Excavated Material & Waste Management**

- 1.61 Measures to reduce potential impacts from waste management are described in section 15 of the CoCP. An integrated design approach has been developed to use excavated material to satisfy the fill material requirements wherever reasonably practicable. This approach will reduce the need for imported materials and reduce the amount of excavated material requiring off-site disposal. This includes reuse of all topsoil and agricultural subsoil as close to the point of excavation as practicable.
- 1.62 All waste generated from the design, construction and operation will be managed in accordance with the waste hierarchy. This places waste prevention as the preferred option at the top, followed by reuse, recycling and other recovery, with landfill disposal at the bottom as the last resort. Information Paper E3 provides further detail.

### **Management of Noise and Vibration**

- 1.63 The nominated undertaker will obtain consents under Section 61 to the Control of Pollution Act 1974, which will include noise limits and vibration limits where relevant and site specific management and mitigation requirements for noise and vibration, both on and off site.
- 1.64 In relation to the control of construction noise and vibration, Information E23 provides further detail. Information Papers E20, E21 and E22 provide further detail on operational noise from the railway.
- 1.65 Noise and vibration monitoring will be carried out at different times during the lifetime of the railway. Where noise and vibration performance deviates from expected conditions, actions will be taken as described in Information Paper F4.

## Existing Legislation and Other Safeguards

- 1.66 Unless a piece of existing legislation is expressly or impliedly dis-applied or modified by the HS2 Act, it will continue to apply. For example, environmental permits in relation to discharges will still be required and the Control of Pollution Act 1974 (COPA) will continue to apply.

### *Oversite Development*

- 1.67 The HS2 Act does not grant approval for any oversite development. Consent for any such development will be applied for and determined through normal planning processes. However, the HS2 Act does authorise works to enable future oversite development, for example the construction of additional foundations or deck structures.
- 1.68 The HS2 Act also puts in place requirements in respect of the environmental assessment of oversite development. It defines the circumstance where the planning application for such development proposed to replace a building demolished or substantially demolished for HS2 must be accompanied by an environmental impact assessment.

### *Safety and Security*

- 1.69 HS2 will create a railway designed, built and operated with world-class health, safety and security standards. All HS2 infrastructure will be designed in accordance with appropriate standards and policies for public safety. The following are some key design principles that will be applied:
- Adoption of hostile vehicle mitigation and blast resilient glazing and facades where appropriate;
  - Application of Crime Prevention Through Environmental Design principles across all of the HS2 network but with particular emphasis on all publicly accessible spaces;
  - Selection of vandal-resistant materials and designs;
  - Appropriate use of surveillance systems and lighting;
  - Integration of natural way-finding into designs to configure spaces that are easy to navigate and use of signage that is clear and unambiguous.



## 2 HS2 in Solihull Metropolitan Borough

### Introduction

- 2.1 The section of the route through the Borough will be approximately 14 km in length, beginning just west of Cromwell Lane in Burton Green, entering from Solihull Metropolitan Borough and runs past the villages of Balsall Common, Berkswell and Hampton in Arden, through the Birmingham Interchange Station triangle site, before crossing the M42 motorway and ending at the crossing over the M6 motorway near Coleshill, running into North Warwickshire Borough.
- 2.2 The main elements of the HS2 works in Solihull Metropolitan Borough are:
- Burton Green green tunnel;
  - Beechwood Embankment and crossing over the Birmingham to Rugby railway line (Carol Green underbridge);
  - Balsall Common viaduct;
  - A452 Kenilworth Road crossing and road diversion;
  - River Blythe viaduct;
  - Birmingham Interchange Station and Automated People Mover connection to the NEC and Birmingham International Airport;
  - New A452/A446 roundabout and crossing over the M42; and
  - Crossing over the M6.
- 2.3 Section 5 of this report illustrates the location of works in the Borough. This section describes the permanent, preparatory and temporary works in the Borough.
- 2.4 As the project is taken forward to detailed design and construction there may be changes to assumed construction methods and design, subject to the requirements of the Act, the EMRs, and any approvals required from consent granting bodies, and in response to the requirements of any relevant Undertakings or Assurances.

### Burton Green to Carol Green

- 2.5 At the southerly end of the Borough, the route will pass through Burton Green in a green tunnel following the footprint of the dismantled Kenilworth to Balsall Common railway line, now known as the Kenilworth Greenway. The Borough boundary runs along the northern side of the tunnel and the neighbouring village of Burton Green is situated within Solihull Metropolitan Borough. At the north portal of the tunnel the route will enter a retained cutting adjacent to the proposed Burton Green auto-transformer station and a new National Grid substation.
- 2.6 The route will climb away from the cutting and pass under the B4101 Waste Lane before heading to the Carol Green area on the low Beechwood embankment and crossing over the Birmingham to

Rugby railway line. Planting will be incorporated on both sides of the route to provide visual screening of the new auto-transformer station, realigned roads and the route itself, as well as integration into the landscape. This will include broad-leaved woodland, shrub and scrub planting and native woodland planting parallel to the Kenilworth Greenway and west of Beechwood Farm.

### Berkswell and Balsall Common Viaduct

- 2.7 The route will cross the Birmingham to Rugby line to the south-west of Berkswell Station at Carol Green underbridge, taking the existing railway line under HS2. The route will then proceed on the final part of the Beechwood embankment before crossing Truggist Lane onto a viaduct taking it adjacent to the Lavender Hall Fishery site. The viaduct will be approximately 250m in length, 10m above ground level, passing over Truggist Lane, Bayleys Brook and the associated floodplain. This part of the route will take it adjacent to the existing Berkswell railway station. Next to the viaduct broad-leaved woodland will be provided in the vicinity of Cherry Tree Cottage to provide visual screening.
- 2.8 At the end of the viaduct the route will continue on a partially retained embankment for approximately 170m and then embankment for approximately 260m towards Lavender Hall Lane, which the route reaches in a shallow cutting. A replacement hedgerow will be planted south-west of the route from the north end of the viaduct through to Lavender Hall Lane.

### Lavender Hall Lane to Kenilworth Road (A452)

- 2.9 The route reaches Lavender Hall Lane in cutting where the road will cross on an overbridge approximately 9m above the rail level with a permanent diversion of the road alignment. native broad-leaved woodland and shrub planting will be provided on the embankment slopes of the diverted Lavender Hall Lane. The route will then continue to follow an alignment adjacent to, and north-east of, the A452 Kenilworth Road. This section of the route is known at Park Lane cutting for approximately 2km, which will result in the permanent diversion of Park Lane.
- 2.10 The route will continue to the site of the Bradnock auto-transformer station (ATS) at the interface between the Park Lane cutting and Sixteen Acre Wood embankment. The ATS will be accessed via a track from a new roundabout on the Kenilworth Road at the junction with Marsh Lane. Planting will be incorporated around the ATS to provide visual screening and neutral grassland planting will be incorporated to the north-east of the route near Berkswell Marsh SSSI to mitigate grassland lost to construction. Before the line reaches the Kenilworth Road it will cross Bayleys Brook again on a viaduct known as Marsh Farm Viaduct which will be approx. 145m long with a maximum height of 5m. From the viaduct the route will continue on the Mercote Mill Embankment to Mercote Hall Lane accommodation overbridge where the route passes underneath the road.
- 2.11 After Mercote Hall Lane the route will continue in the shallow Horn Brook cutting for approximately 320m before reaching the A452 Kenilworth Road, the alignment of which will be diverted to the east of its current route, to cross over HS2 on the Kenilworth Road overbridge. The

road realignment will be over a distance of 1.7km, raised up to 13.5m in height above ground level in order to cross the railway line. Areas of broad leaved woodland, shrub and grassland planting are proposed along the embankments of the road realignment, with the embankments themselves being graded into the existing landscape.

### Patrick Embankment and River Blythe Viaduct

2.12 After passing under the Kenilworth Road the route will continue on embankment up to 6m above ground level over a distance of approximately 300m, continuing then on the Blythe Bypass embankment (300m), through the shallow Patrick cutting (240m) and the Patrick embankment (205m) until it reaches the B4012 Meriden Road underbridge. Native broad-leaved woodland will be provided on both sides of the embankment to provide screening for Patrick Farm and to replace woodland lost to the scheme. The route will then continue on the second part of the Patrick embankment for approximately 260m before crossing the River Blythe and the floodplain on the River Blythe Viaduct, over a distance of approximately 480m at 10.5m above ground level.

### River Blythe to East Way

2.13 After the River Blythe Viaduct the route continues north on the Diddington Lane embankment at up to 8m above ground level towards Shadow Brook, where an underbridge will be constructed to enable the brook to pass underneath the line and also provide a track for maintenance access. At this point on the route the railway line will widen from two to four tracks as the start of the approach into Birmingham Interchange Station (BIS). The Shadow Brook underbridge will therefore support four tracks. Native broad-leaved woodland planting will be incorporated on the embankment either side of the route for habitat replacement, landscape integration and visual screening of Pasture Farm.

2.14 Diddington Lane itself will be realigned to the west of its current route to then cross over the line at the Diddington Lane overbridge. The existing road will be closed to vehicular traffic either side of the railway and retained as a private access road for the balancing ponds and for maintenance. This section of the road will however be redesignated as a bridleway.

2.15 North of Diddington Lane the route will continue into the Diddington Cutting (up to 9m in depth) towards the A45 service road.

2.16 On the approach into BIS the route will intersect the A45 Coventry Road to the north-east of Bickenhill Waste Recycling Centre. The route will run under the A45 Service Road, the A45 Coventry Road and East Way, with all three roads on overbridges. The route will be in cutting but will gradually rise to ground level north of the A45. Broad-leaved woodland will be incorporated on the realigned earthwork slopes of the A45 Coventry Road. A number of highway works will be undertaken due to the alignment of the route and to provide greater capacity to the existing highway network to facilitate travel to and from BIS. The works include the following:

- Highway improvement works to the M42 Junction 6 roundabout, including entry lane widening, circulatory carriageway widening, exit lane widening, replacement access for the National Motorcycle Museum and existing access closed, and balancing ponds for highway drainage;

- Highway improvement works associated with the A45 Coventry Road, including widening of the road between M42 J6 and Stonebridge Island and raising of vertical alignment (along with A45 Service Road and Eastway), 3 road overbridges, modification and raising of the East Way Loop underbridge, permanent diversion of the existing East Way carriageway to the north of the current alignment and A45 Service Road to south of the current alignment (to facilitate widening of the A45), and access off East Way to enable access to the people mover depot;
- Highway improvement works associated with Stonebridge Island, including segregated left turn lane, realignment of Toby Carvery access, widening and signalised approaches from A452 Chester Road southbound roundabout entry, widening and signalisation of remaining approaches to the roundabout, part signalisation of the roundabout circulatory carriageway and new link through the centre of the roundabout, with one balancing pond for highway drainage (accessed off Diddington Lane);
- Highway improvement works associated with the A452 Chester Road on the southern approach to the proposed BIS, including realignment of the highway up to 60m to the east of the existing alignment, widening of the existing highway from dual two to three lane between Stonebridge Island and Packington Lane access, and two balancing ponds for highway drainage.

### Birmingham Interchange Station triangle

2.17 After passing under the three new overbridges for East Way, the A45 and A45 Service Road, the route enters the BIS triangle site and continues north-west on the Bickenhill Embankment up to 3m in height, before reaching the location of the station. This section of the route between the A45 underbridge and Hollywell Brook underbridge is approximately 400m long. To the west of the embankment is the proposed location of the Automated People Mover (APM) depot, served by a dedicated access road from East Way. The APM track then follows the line of the main route up to BIS.

2.18 The main route widens further from a four track to six track layout on the approach to BIS and crosses Hollywell Brook on the entry into the station. The underbridge allows Hollywell Brook to flow beneath the route on a realigned course of approximately 330m around the south of BIS, with the incorporation of new marshy grassland planting. The area also features three floodplain replacement storage areas located to the east of the route and four balancing ponds for drainage from the railway, BIS car parks and APM depot.

2.19 BIS itself will consist of the station building, the APM connection, surrounding public realm and car parking. The station building will be approximately 27m in height above the track level and 135m in length. Because of the local topography, the building will be located partially in cutting at its northern end (the Bickenhill cutting) and varying to an embankment at the southern end (Bickenhill embankment). The station will feature a forecourt leading to a concourse with retail facilities, welfare, public information and ancillary staff accommodation. The final design of the station and surrounding area/public realm will be the subject of a design competition and will link in with the emerging UK Central masterplan, which incorporates wider uses around BIS, including

the NEC, Birmingham Airport, Birmingham International Station, Jaguar Land Rover and Solihull Business Park.

- 2.20 At track level there will be six tracks running through (below) the station, four with platforms approx. 415m in length and two being through-lines (non-stopping) in the centre of the station. A platform for the APM will be located to the north-west corner of the station.
- 2.21 Car parking for the station will be provided on two surface level terraced car parks located to the east and west of the station building. A long stay car park will be located to the north-east. In total approximately 6,400 spaces will be provided and the car parks will be connected by a network of internal roads. Short-stay, pick up/drop off areas, taxi ranks and coach parking will be provided at the front of the station.
- 2.22 Elsewhere in the triangle site, a network of internal roads will provide access to the station and car parks, with a connection to the new A452/A446 roundabout in the north. The internal roads will be connected by an overbridge across the line of route (the Birmingham Interchange access overbridge) at a height of approximately 9m. Planting will be incorporated throughout the triangle site to deliver landscape integration.
- 2.23 The A452 Station Entry Link road will be provided off the realigned dual three lane A452 Chester Road to a new roundabout located to the east of the station. The roundabout will provide access into the station's east car park and the exit road will cross under the A452 and link onto the southbound carriageway.
- 2.24 Middle Bickenhill Lane will remain open from East Way to the intersection with the proposed APM, at which point it will terminate and the remaining section currently linking north to the A452, will be closed and redeveloped.
- 2.25 The HS2 route will exit BIS and continue north-west over a distance of around 180m towards the new A452/A446 roundabout, changing from a six track to four track layout. The new roundabout is located towards the northern end of the BIS triangle site and will reconnect the existing road network and provide access south-east to the station. It will span the route of the line and replace the existing roundabout which is positioned over the M42 motorway, further to the north-west, and which will be displaced by the route passing over the M42. A number of highway works are proposed in this location, including the following:
  - A new replacement roundabout for the junction of the A452 and A446, as detailed above.
  - Diversion of A452 Chester Road northbound carriageway and link into the new roundabout (east corner) with existing carriageway removed.
  - Closure of existing A452 southbound carriageway and existing structure over the A446 Stonebridge Road removed. New A452 southbound link into new roundabout to be constructed, including new structure over the the A446.
  - New access road provided for Melbicks Garden and Leisure Centre, connecting into northern corner of the new roundabout.

- New A446 southbound off-link connecting into northern corner of the new roundabout.
  - Realigned A446 northbound on-link running parallel to the off-link before merging with the A446.
  - New A452 link road from north-west corner of the new roundabout, which will cross the M42 before connecting into the B4438 at a new roundabout, with new connections to the B4438 Bickenhill Parkway Link and Solihull Parkway.
  - Realignment of the existing B4438 Bickenhill Parkway Link and provision of new roundabout on west side of the existing A452/A446 roundabout (which is to be removed to accommodate the line of route over the M42). This new roundabout will serve Birmingham Business Park and provide connections to the A452 Chester Road.
- 2.26 In addition to the above highway works, an auto-transformer station will be sited adjacent to the north of the new A452/A446 roundabout with an access road.
  - 2.27 At the northern point of the triangle site the route will continue north-west on an embankment (the Packington embankment), up to 6m in height, to the M42 motoway viaduct. The route will cross on the viaduct at an angle and be approximately 215m in length.

### Automated People Mover

- 2.28 The APM will be developed to operate between BIS and Birmingham Airport, over a distance of approximately 2.3km. The alignment of the route will take it south-west over the M42, East Way, Pendigo Lake, the Birmingham and Rugby railway line adjacent to Birmingham International Station, before continuing on to Birmingham Airport. The route will feature two stops at the NEC and Birmingham International, in between those at BIS and the airport. The APM will be an elevated route of up to 17m allowing it to pass over the M42, NEC and Birmingham to Rugby line.
- 2.29 The APM design also features a depot located to the south-west of the BIS, as detailed earlier, set in a shallow cutting and accessed via a road from East Way. The depot will facilitate maintenance of the APM with staff parking.

### Pool Wood Embankment and M6 Motorway Box Structure

- 2.30 The final section of the route within Solihull Borough runs between the M42 motorway viaduct and the M6 motorway box structure, a distance of approximately 1.5km. On leaving the viaduct the route will continue on the Pool Wood embankment up to 11m in height. The embankment will curve north, away from the line of the A452 Chester Road, before crossing Coleshill Heath Road. This road will be lowered locally by approximately 0.5m to enable the crossing over the Coleshill Heath underbridge, which will be single span of approximately 7m in height. Two balancing ponds for railway drainage are located to the west of the route, adjacent to the Pool Wood embankment. Native broad-leaved woodland and marginal planting will be included for landscape integration and visual screening, and the Pool Wood embankment will act as a noise bund for Birmingham Business Park.



2.31 The route will leave the Borough, moving into North Warwickshire Borough, on a box structure crossing the M6 motorway and its road connections to the M42. The box structure will be approximately 150m in length.

## Preparatory and Temporary Works

2.32 Construction activities will begin in 2017 and run until 2024, after which a year of systems commissioning will take place during 2025. A number of large civils work main compounds will be on site for around 4-5 years, with smaller satellite compounds operational for around 3 years. Much of the work around BIS and the APM link will take place between 2019 and 2023. In general, building and preparing the railway for operation will comprise the following stages:

- advance works, including site investigations, preliminary mitigation works, and preliminary enabling works including utility diversions, temporary and permanent highway diversions and the establishment of associated works compounds;
- civil engineering works, including site preparation, main earthworks, structure works and the establishment of construction compounds and accommodation camps;
- railway installation works, including infrastructure installation, connections to utilities and changes to the existing rail network;
- site restoration;
- system testing and commissioning.

2.33 Further information and updating on construction works and timeframes will take place throughout the life of the construction project.

## Primary Utility Works

2.34 Numerous utilities will need to be diverted as part of the works. The principal works and diversions within Solihull Metropolitan Borough include:

- Diversion of an oil pipeline north-east of the route in the Burton Green and Carol Green area.
- Diversion of two water mains near Lavender Hall and Bayleys Brook.
- Diversion of a medium pressure gas main through Lavender Hall Lane overbridge and Lavender Hall Lane.
- Diversion of a gas main over 1.8km near to the proposed Bradnock auto-transformer station.
- Diversion of a Western Power overhead power line to underground, beneath the River Blythe Viaduct.
- Diversion of a water main running beneath the River Blythe Viaduct and north parallel to the River Blythe.

- Underground diversion of two existing Western Power overhead powerlines incorporated into the Pasture Farm accommodation overbridge.
- Diversion of a water main beneath Shadow Brook underbridge.
- Permanent underground diversion of telecommunication overhead lines around the A45 Service Road and Pasture Farm access track.
- Permanent underground diversion of a Western Power high-voltage overhead power line south-west of the A45 Service Road.
- Permanent diversion of a water main on the north and south side of the M42 junction 6 roundabout.
- Permanent diversion of telecommunications underground lines north of the A45 Coventry Road.
- Permanent diversions of multiple gas mains along the A45 Coventry Road and around Stonebridge Island.
- Permanent diversion of a water main along the A45 Coventry Road.
- Permanent underground diversion of a Western Power high-voltage overhead power line to the west of Stonebridge Island.
- Permanent underground diversion of a Western Power high-voltage overhead power line located under the footprint of the proposed Birmingham Interchange Station.
- Permanent diversion of multiple water mains west of Middle Bickenhill Lane.
- Repositioning of a telecommunications mast currently located on Middle Bickenhill Lane within the footprint of Birmingham Interchange Station.
- Permanent underground diversions of two Western Power high-voltage overhead power lines, including removal of three transmission towers, west of Middle Bickenhill Lane.
- Permanent diversion of a National Grid overhead power line, raised from current alignment to avoid the proposed people mover (APM).
- Permanent underground diversion of a Western Power high-voltage overhead power line to north-west of M42 Junction 6.
- Permanent diversions of several utilities around the A452/A446 roundabout, including underground diversions of high-voltage overhead power lines, water mains, telecommunications cables, and a new electricity supply connecting into the proposed Birmingham Interchange Station.
- Diversion of a National Grid high-voltage overhead power line over M6/M42 junction and Coleshill Heath Road;

- Permanent diversion of a Western Power low-voltage underground power line south of Coleshill Heath Road;
- Permanent diversion of a Western Power high-voltage overhead power line directly south of Coleshill Heath Road;
- Permanent relocation of a mobile telecommunications mast directly south of Coleshill Heath Road;
- Permanent diversion of a National Grid gas main along Coleshill Heath Road; and
- Permanent diversion of a water main along Coleshill Heath Road.

### Work sites and compounds

2.35 Engineering works will take place along the entire length of the route, and within land adjacent to the route. This will comprise two broad types of activity:

- civil engineering works, such as earthworks, tunnelling and construction and erection of bridges, viaducts, roads and other structures; and/or
- railway installation works, such as laying ballast or slabs and tracks, and/or installing power supply and communications features.

2.36 Construction work will be subdivided into sections, each of which will be managed from dedicated compounds. The compounds will act as the main interface between the construction work sites and the public highway, as well as performing certain other functions. Compounds will either be large main compounds or smaller satellite compounds distributed along the route to serve specific construction elements/assets. Some compounds used for civil engineering works will later change function to serve railway installation works.

2.37 A small number of work sites will also feature adjacent accommodation camps to house construction workers 'on-site'.

2.38 A full list of proposed work sites within Solihull Metropolitan Borough is listed below, along with their associated principle construction activities.

**Table 2: Compound name and activities**

Compound name and location	Principal construction activities
Burton Green ATFS, west of Burton Green	Satellite compound
Waste Lane Overbridge	Satellite compound for greenway diversion, fuel pipeline and Beechwood Embankment civils work
Beechwood Farm Accommodation underpass	Satellite compound for greenway diversion and Beechwood Embankment
Carol Green rail underbridge south	Satellite compound for fuel pipeline and underbridge
Carol Green rail underbridge north (Truggist Hill Farm)	Satellite compound for fuel pipeline and underbridge

Compound name and location	Principal construction activities
Balsall Common viaduct, Lavender Hall Lane	Satellite compound for Balsall Common viaduct
Park Lane cutting	Main compound for Park Lane cutting and Park Lane roundabout, and an accommodation camp
Footpath M214 Overbridge (Heart of England Way)	Satellite compound for overbridge and A452 roundabout
Bradnock ATS, off A452 Kenilworth Road	Satellite compound for Bracknock ATS and gas main diversion
A452 Kenilworth Road overbridge	Satellite compound for overbridge and an accommodation camp
River Blythe bypass culvert	Satellite compound for River Blythe bypass culvert
River Blythe viaduct	Satellite compound for the viaduct
Meriden Road underbridge	Satellite compound for rail systems
Shadow Brook underbridge, Diddington Lane	Satellite compound for Shadow Brook underbridge
Diddington Lane overbridge	Satellite compound for the overbridge
A45/A452 Stonebridge Island	Satellite compound for roundabout works
A45/A45 Service Road overbridges x 2	Satellite compounds for the overbridges
A45/East Way overbridges	Satellite compound for overbridges
People Mover NEC Station	Satellite compound for the station at the NEC
Birmingham Interchange Station	Accommodation camp
People Mover M42 crossing	Satellite compound for crossing over the M42
People Mover Pendigo Lake	Satellite compound for people mover section over the lake
A45/M42 Junction 6 roundabout	Satellite compound for motorway junction works
Birmingham Interchange Station car parks (west) and People Mover depot	Satellite compound for car parks
Birmingham Interchange Station car parks (east)	Satellite compound for car parks
Birmingham Interchange Station ATS	Satellite compound for ATS
A452/A446 roundabout	Satellite compound for roundabout works
Birmingham Interchange Station	Satellite compound for station works
Birmingham Interchange Station	Main compound for station works
M42 Motorway viaduct (east)	Satellite compound for viaduct works

Compound name and location	Principal construction activities
M42 Motorway viaduct (west)	Satellite compound for viaduct works
Coleshill Heath Road underbridge	Satellite compound for environmental works

2.39 Further details of each of the above compounds, any changes to the list, or any proposed new compounds, will be confirmed by the enabling works and main works civils contractors for the section of the route within Solihull Metropolitan Borough.

### Roadheads and Material Transfer Stockpile Areas

2.40 The following road heads will be used for the storage, loading and unloading of bulk earthworks material which is moved to and from the site on public highways. Roadheads will be operational for the duration of the civil engineering works. In Solihull Metropolitan Borough the following roadheads will be utilised:

- Waste Lane, near Burton Green, westbound and eastbound
- A452 Kenilworth Road, Hampton-in-Arden
- A45 Birmingham Road, near NEC
- A452 Chester Road, Chelmsley Wood
- Coleshill Heath Road, Chelmsley Wood
- Maintenance slip road, M6-M42 Interchange West

2.41 Additional temporary stockpile sites may be required during work on particular elements of the route in locations along the route such as the BIS triangle site, A45 and A446 works, A452 Kenilworth Road diversion, Balsall Common area works and near Carol Green for the Beechwood Embankment/Burton Green area works. These sites will be adjacent to the works within the existing area of land required for construction.

### Demolition Works

2.42 The buildings that will need to be demolished within the Borough are listed below:

- Warehouse at Truggist Hill Farm, off Truggist Lane
- Barn on land off Lavender Hall Lane
- Barn north of Pasture Farm, off Diddington Lane
- Nursery Cottage (5 structures), off A45 Service Road
- Olympia Motorcycle Track, Middle Bickenhill Lane

### Archaeology

2.42 HS2 Ltd has sought to design the railway and to approach the task of construction in ways that reduce the impact on archaeological remains, as far as is reasonably practicable.

2.43 In accordance with the requirements of Heritage Memorandum and Code of Construction Practice, the nominated undertaker will develop an integrated investigation programme to deliver all archaeological works identified in the ES and as developed during the detailed design process. The programme will set out the key stages of investigation, for example:

- detailed desk-based assessment (where appropriate to inform location specific mitigation);
- field evaluation (where appropriate to inform location specific mitigation); and
- location specific mitigation (for example preservation in situ or archaeological excavation).

2.44 The investigation programme will be developed in light of, and in conjunction with, the overall construction programme and will be reviewed and updated, as necessary. The programme will aim to undertake as much of the work as possible in advance of any construction activities.

### Geotechnical Investigations

2.45 Geological investigations and intrusive site investigations (involving boreholes and trial pits) will be undertaken where necessary, to inform the detailed design.

### 3 Landscape and Restoration

- 3.1 Different landscape types will be incorporated into HS2 works at various stages of the project. Some early landscape works may be proposed – for example new planting to compensate for the loss of prior habitat or to help integrate HS2 into the surrounding landscape. Planting and landscape techniques will be used for different purposes – for example to visually screen the railway, new structures or to reduce railway noise. Where possible, screen planting will be incorporated into the design along new embankments or cuttings in order to provide a combination of landscape integration, visual screening, and or ecological habitat connectivity.
- 3.2 New areas of woodland will be created, this includes woodland to compensate for the loss of habitat and new planting to help integrate HS2 into the surrounding landscape. Certain areas of grassland will be created specifically to compensate for habitat loss resulting from the scheme.
- 3.3 Upon completion of construction works, land that is not required for operation of the railway will be restored. At this early stage of the design of the project, the presumption is that land would be restored to its pre-existing condition. This will include reinstatement of field boundaries and hedgerows where possible. Hedgerows will be used to replace existing hedgerows removed during construction, to mitigate the impacts on wildlife or to create new visual screens. Any new planting, grassland and habitat creation will be maintained to ensure they become established and are properly maintained.
- 3.4 New urban public realm is proposed to be designed and integrated around BIS station.

## 4 Schedule 17 Requests for Approval – Programme

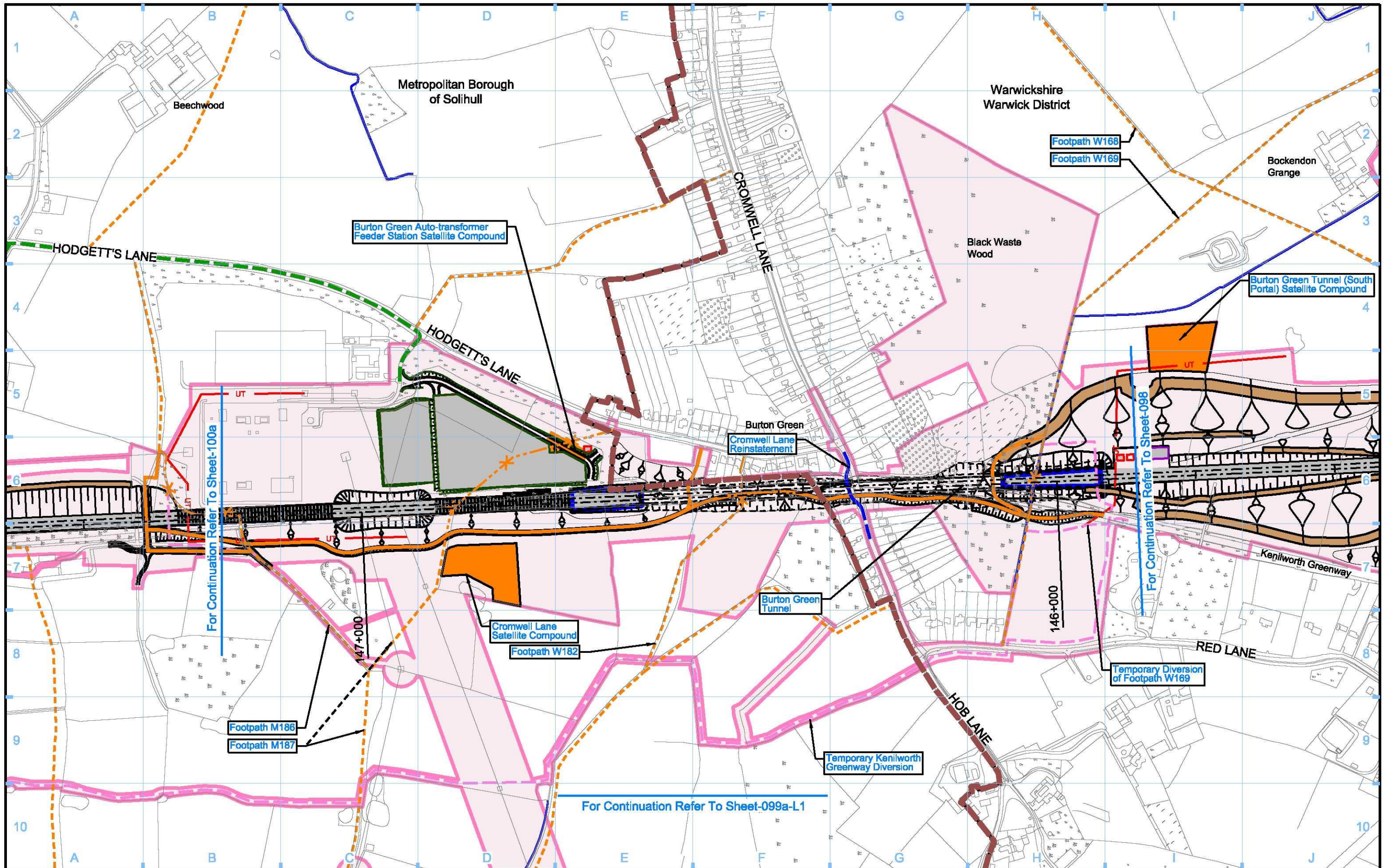


Request for Approval	2017 quarters				2018 quarters				2019 quarters				2020 quarters				2021 quarters				2022 quarters				2023 quarters				2024 quarters				2025 quarters				2026 quarters			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Burton Green green tunnel																																								
Beechwood embankment																																								
Carol Green underbridge																																								
Balsall Common viaduct																																								
Lavender Hall embankment																																								
Park Lane cutting																																								
Sixteen Acre Wood embankment																																								
Marsh Farm viaduct																																								
Mercote Mill embankment																																								
Horn Brook cutting																																								
Kenilworth Road realignment																																								
Blythe Bypass embankment																																								
Patrick cutting																																								
Patrick embankment																																								
River Blythe viaduct																																								
Diddington Lane embankment																																								
Diddington cutting																																								
A45 Coventry/A452 Chester Road junction improvements																																								
A45 Service Road overbridge																																								
A45 Coventry Road overbridge																																								
Bickenhill embankment																																								
Bickenhill cutting																																								
Birmingham Interchange Station site and car parks																																								



## 5 Planning Context Report Plans – Construction and Operation





Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Main construction compound
	Satellite construction compound
	Temporary material stockpile
	Rail alignment formation
	Landscape earthworks
	Engineering earthworks
	County boundary
	Borough / District boundary
	Land potentially required during construction
	Temporary replacement community facility
	Planning authority boundary
	Existing watercourse
	Tunnels external extent
	Construction traffic route
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
	Temporary highway diversion / realignment
	UT - Main utility works
	Chainage (e.g. 10+000)
	Rail alignment

Map Number: **S17-CP-099**

Map Name: **Construction Phase Sch 17 Planning Context Report Plan**

Planning Authority Area: **Warwick District / Metropolitan Borough of Solihull**

**hs2**

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

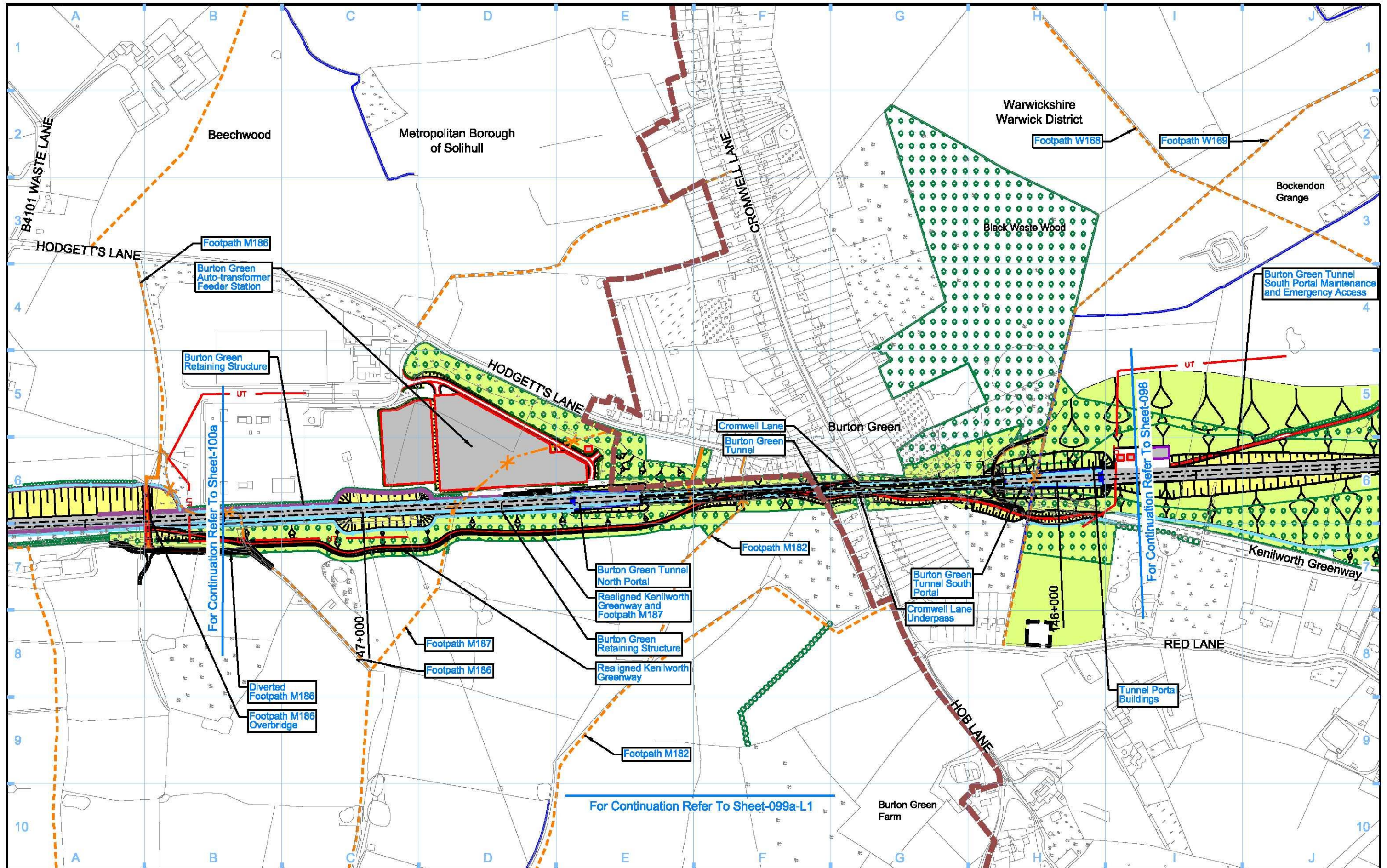
Registered in England. Registration number 06791686  
Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.

Scale at A3: 1:5,000

© Crown copyright and database rights 2017.  
Ordnance Survey Licence Number 100049190.

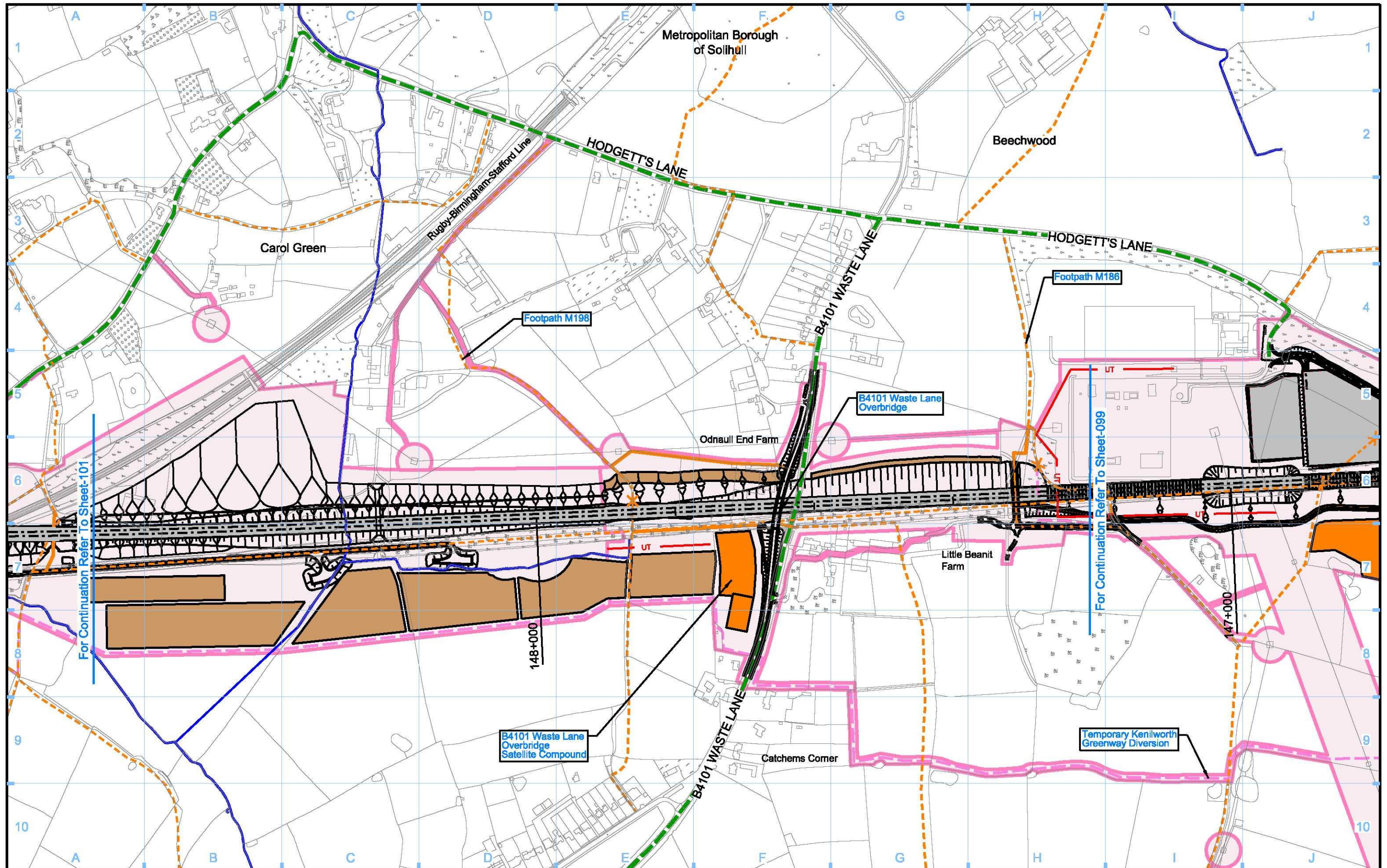
Doc Number: C223-HS2-TP-DPL-030-519900 P00.1 Date:





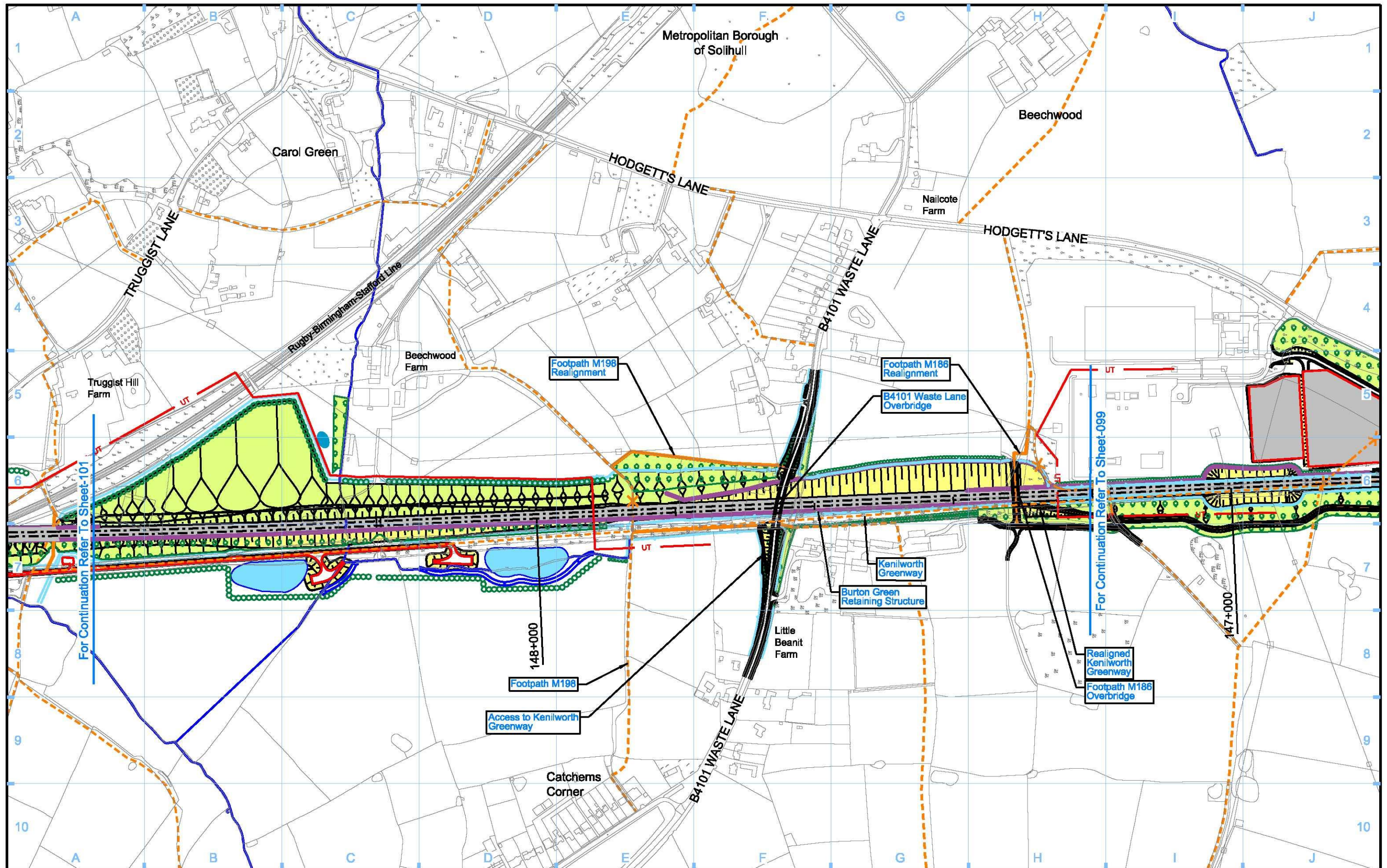
<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Electricity substation</li> <li>Land drainage area</li> <li>Ecological mitigation pond</li> <li>Balancing pond</li> </ul>		<ul style="list-style-type: none"> <li>Replacement floodplain storage</li> <li>Woodland habitat creation</li> <li>Wetland habitat creation</li> <li>Grassland habitat creation</li> <li>Landscape mitigation planting (scrub / woodland)</li> <li>Grassed areas</li> <li>Sustainable placement</li> </ul>		<ul style="list-style-type: none"> <li>Public realm/Replacement community facility</li> <li>Engineering earthworks</li> <li>Landscape earthworks</li> <li>Rail alignment formation</li> <li>Returned to suitable development use</li> <li>County boundary</li> <li>Borough / District boundary</li> </ul>		<ul style="list-style-type: none"> <li>Planning authority boundary</li> <li>Watercourse diversion</li> <li>Existing watercourse</li> <li>Ditches - new</li> <li>Hedgerow habitat creation</li> <li>Main utility works</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> </ul>		<ul style="list-style-type: none"> <li>Stopped-up PRoW</li> <li>Tunnels external extent</li> <li>Rail alignment</li> <li>HS2 Access road</li> <li>Noise fence barrier</li> <li>Chainage (e.g. 10+000)</li> </ul>		<b>Map Number</b> <b>S17-OP-099</b>	
<b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b>		<b>Registered in England</b> Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.		<b>Scale at A3: 1:5,000</b> 		© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.		<b>Doc Number:</b> C223-HS2-TP-DPL-030-619900		<b>P00.1</b>	





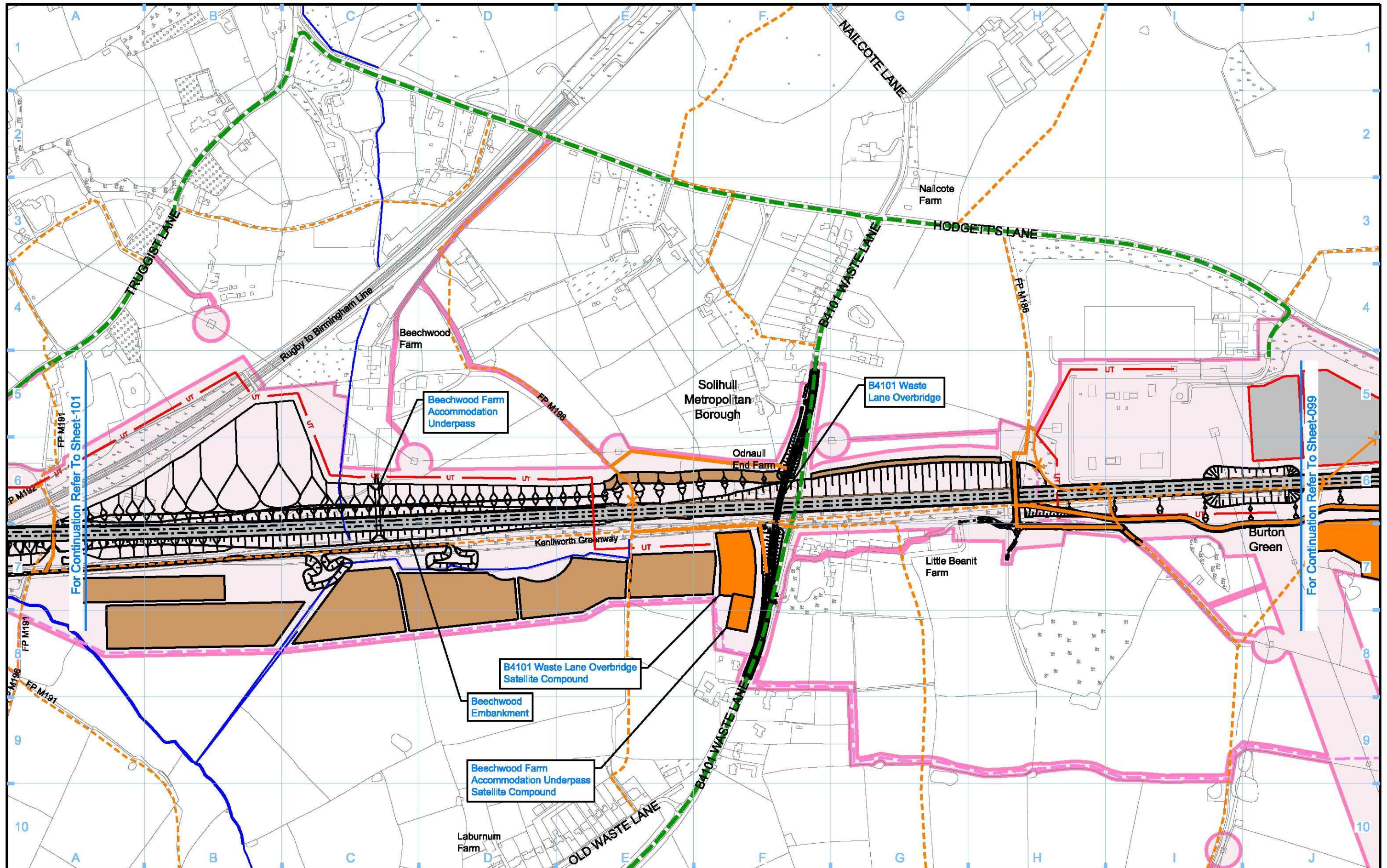
<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Main construction compound</li> <li>Satellite construction compound</li> <li>Temporary material stockpile</li> <li>Rail alignment formation</li> <li>Landscape earthworks</li> <li>Engineering earthworks</li> <li>County boundary</li> <li>Borough / District boundary</li> <li>Land potentially required during construction</li> <li>Temporary replacement community facility</li> <li>Planning authority boundary</li> <li>Existing watercourse</li> <li>Tunnels external extent</li> <li>Construction traffic route</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> <li>Stopped-up PRoW</li> <li>Temporary PRoW diversion / realignment</li> <li>Temporary highway diversion / realignment</li> <li>Main utility works</li> <li>Chainage (e.g. 10+000)</li> <li>Rail alignment</li> </ul>		<b>Map Number</b> <b>S17-CP-100a</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Metropolitan Borough of Solihull	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C223-HS2-TP-DPL-030-520100 P00.1 Data:</p>
--	--	--	---





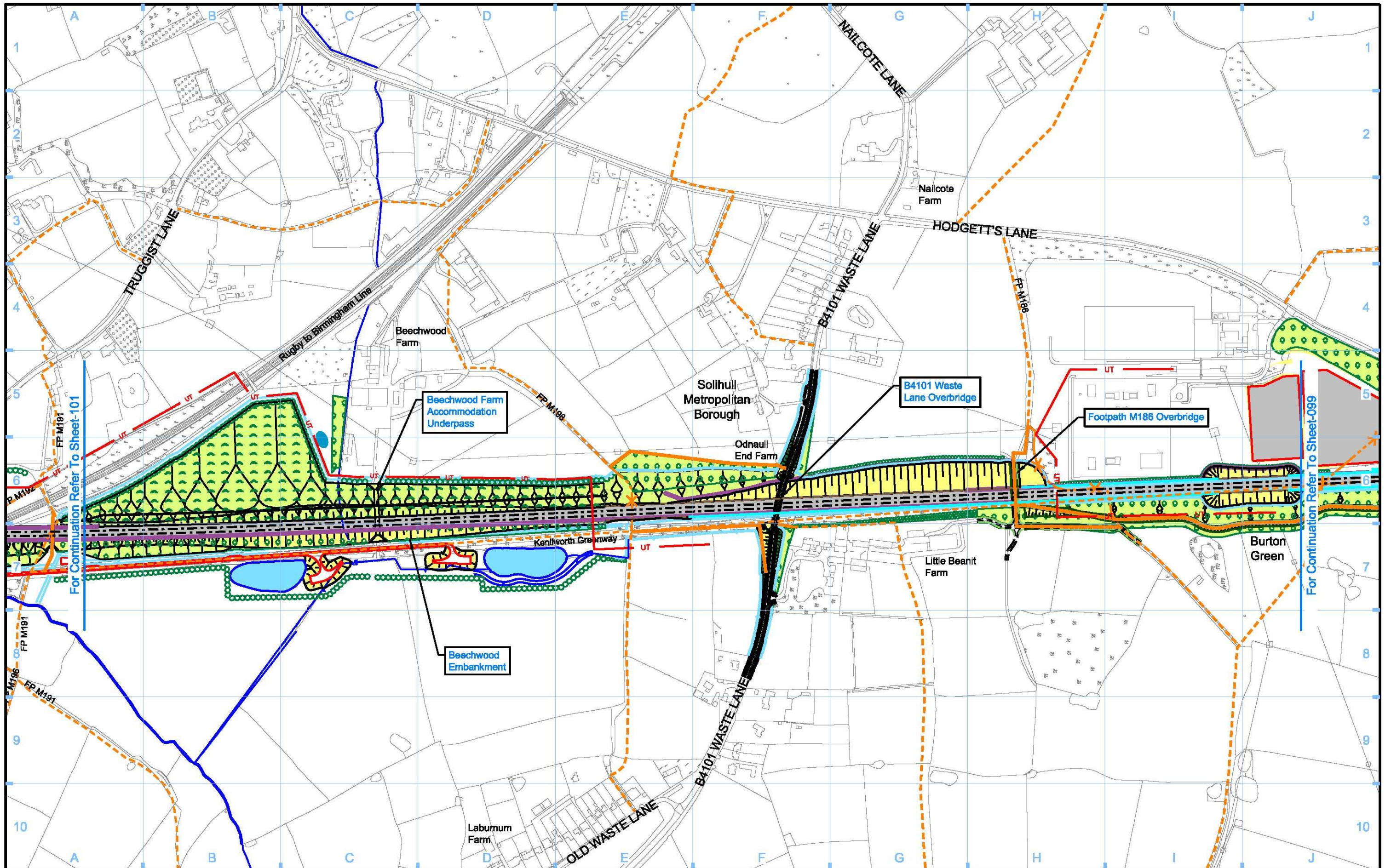
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid purple; margin-right: 5px;"></span> Electricity substation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Land drainage area</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Ecological mitigation pond</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Balancing pond</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Replacement floodplain storage</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Woodland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Wetland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Grassland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Landscape mitigation planting (scrub / woodland)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Grassed areas</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Sustainable placement</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Public realm/Replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid yellow; margin-right: 5px;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid yellow; margin-right: 5px;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid grey; margin-right: 5px;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> Returned to suitable development use</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Watercourse diversion</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Ditches - new</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Hedgerow habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Main utility works</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed orange; margin-right: 5px;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> Rail alignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> HS2 Access road</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid purple; margin-right: 5px;"></span> Noise fence barrier</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Chainage (e.g. 10+000)</li> </ul>		<p>Map Number <b>S17-OP-100a</b></p> <p>Map Name <b>Operational Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area Metropolitan Borough of Solihull</p>	<p>hs2</p> <p>Registered in England. Registration number 06791886 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C223-HS2-TP-DPL-030-620100 P00.1 Date:</p>
--	--	---	--





<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f08080; border: 1px solid black; margin-right: 5px;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #add8e6; border: 1px solid black; margin-right: 5px;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black; margin-right: 5px;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #8b4513; border: 1px solid black; margin-right: 5px;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2b48c; border: 1px solid black; margin-right: 5px;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #c0c0c0; border: 1px solid black; margin-right: 5px;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dotted black; margin-right: 5px;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Land potentially required during construction</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff69b4; border: 1px solid black; margin-right: 5px;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #800000; border: 1px solid black; margin-right: 5px;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid green; margin-right: 5px;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed orange; margin-right: 5px;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid orange; margin-right: 5px;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed orange; margin-right: 5px;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid pink; margin-right: 5px;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid red; margin-right: 5px;"></span> Main utility works</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Rail alignment</li> </ul>	<p>Map Number <b>S17-CP-100b</b></p> <p>Map Name <b>Construction Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area Metropolitan Borough of Solihull</p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205000 P00.1 Date:</p>
--	--	---	--	---





Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Planning authority boundary
	Watercourse diversion
	Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Rail alignment
	HS2 Access road
	Noise fence barrier
	Chainage (e.g. 10+000)

Map Number: **S17-OP-100b**

Map Name: **Operational Phase Sch 17 Planning Context Report Plan**

Planning Authority Area: **Solihull Metropolitan Borough**

**hs2**

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791886  
Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.

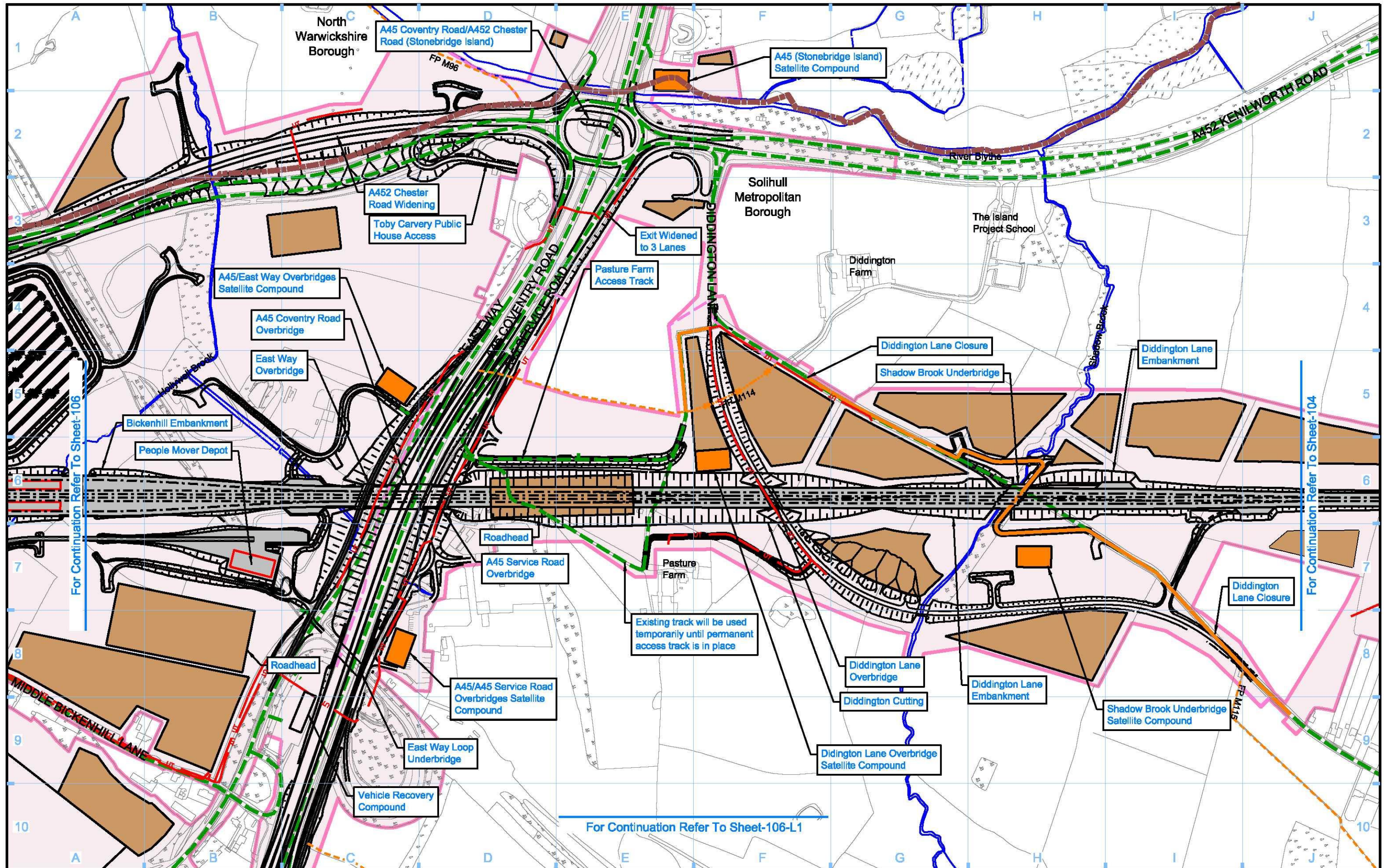
Scale at A3: 1:5,000

0 50 100 150 200 250  
Metres

© Crown copyright and database rights 2017.  
Ordnance Survey Licence Number 100049190.

Doc Number: C224-HS2-TP-DPL-040-206000 P00.0 Date:



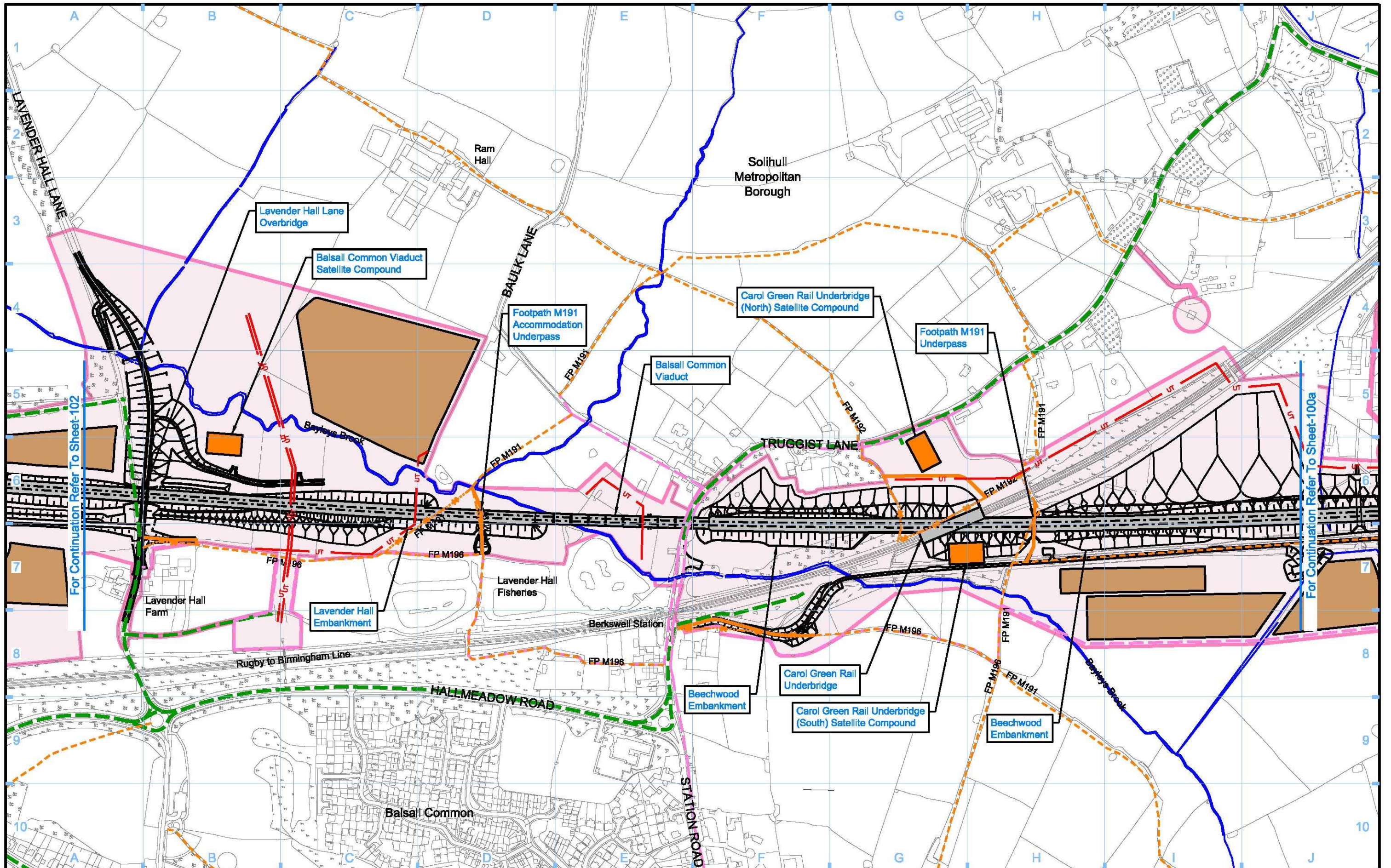


<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid yellow; margin-right: 5px;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid grey; margin-right: 5px;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Land potentially required during construction</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed orange; margin-right: 5px;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed orange; margin-right: 5px;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed pink; margin-right: 5px;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> UT - Main utility works</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Rail alignment</li> </ul>	<p>Map Number: <b>S17-CP-105a</b></p> <p>Map Name: <b>Construction Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area: <b>Metropolitan Borough of Solihull / North Warwickshire Borough</b></p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205005 P00.1 Date:</p>
--	--	--	---	---









Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Main construction compound
	Satellite construction compound
	Temporary material stockpile
	Rail alignment formation
	Landscape earthworks
	Engineering earthworks
	County boundary
	Borough / District boundary
	Land potentially required during construction
	Temporary replacement community facility
	Planning authority boundary
	Existing watercourse
	Tunnels external extent
	Construction traffic route
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
	Temporary highway diversion / realignment
	Main utility works

Chainage (e.g. 10+000)

Rail alignment

Map Number: **S17-CP-101**

Map Name: **Construction Phase Sch 17 Planning Context Report Plan**

Planning Authority Area: Solihull Metropolitan Borough

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791888  
Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.

Scale at A3: 1:5,000

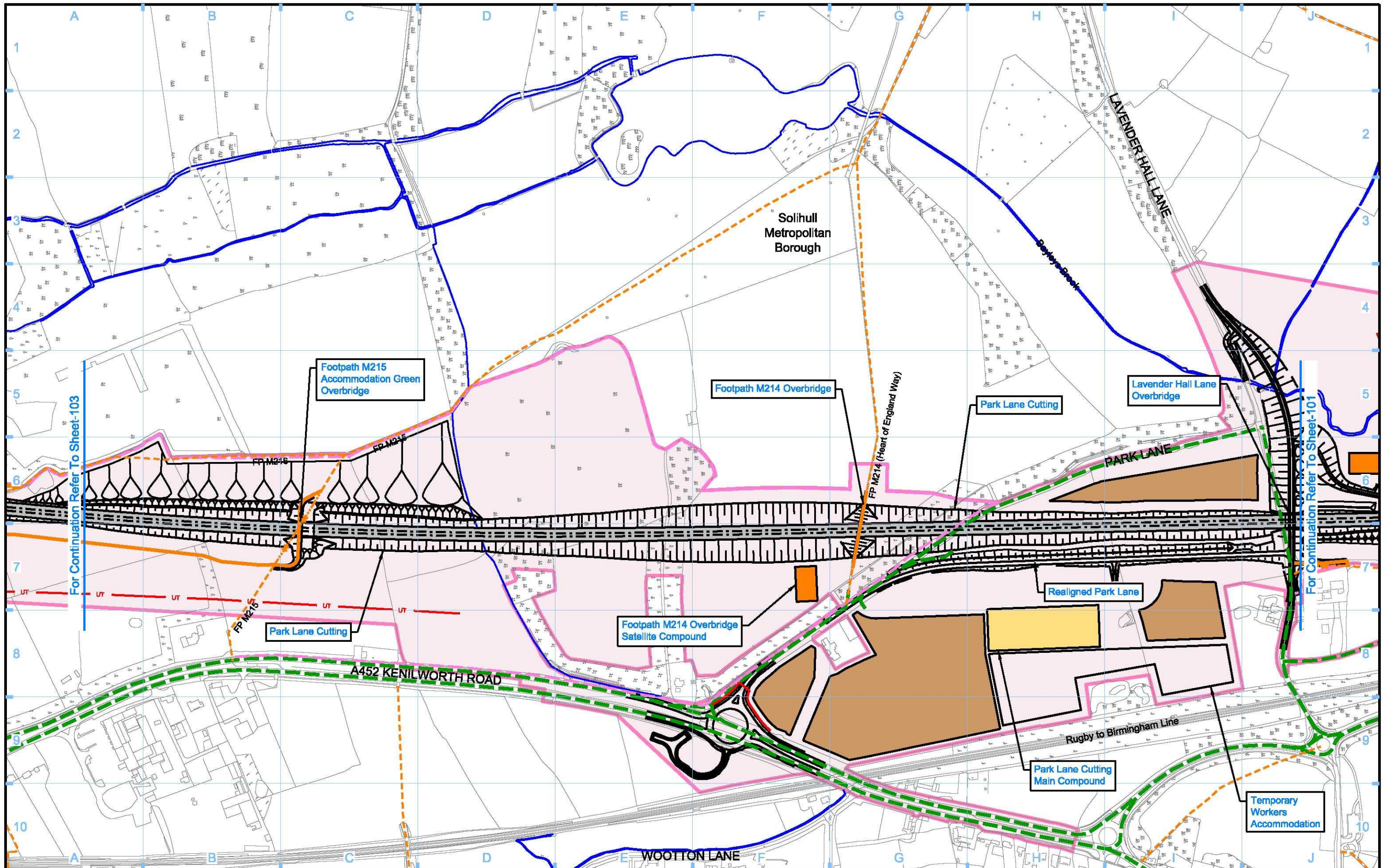
© Crown copyright and database rights 2017.  
Ordnance Survey Licence Number 100049190.

Doc Number: G224-HS2-TP-DPL-040-205101 P00.1 Date:



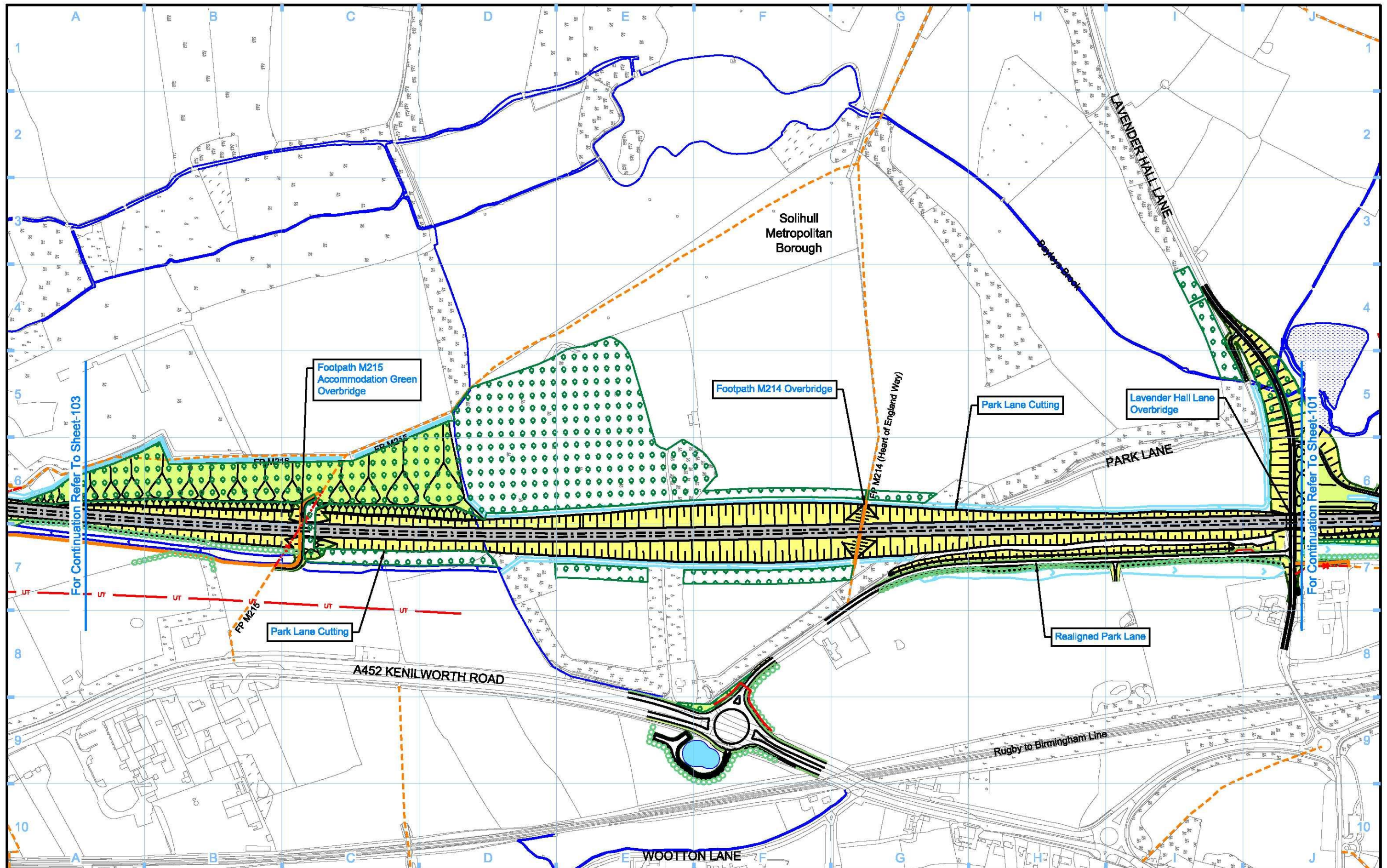






<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; margin-right: 5px;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: brown; margin-right: 5px;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid grey; margin-right: 5px;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Land potentially required during construction</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: pink; margin-right: 5px;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid green; margin-right: 5px;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed orange; margin-right: 5px;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid orange; margin-right: 5px;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed orange; margin-right: 5px;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid pink; margin-right: 5px;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid red; margin-right: 5px;"></span> Main utility works</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black; margin-right: 5px;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Rail alignment</li> </ul>		<p>Map Number: <b>S17-CP-102</b></p> <p>Map Name: <b>Construction Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area: Solihull Metropolitan Borough</p>	<p>hs2</p> <p>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205102 P00.1 Date:</p>
---	--	---	--





Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Planning authority boundary
	Watercourse diversion
	Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Rail alignment
	HS2 Access road
	Noise fence barrier
	Chainage (e.g. 10+000)

Map Number: **S17-OP-102**

Map Name: **Operational Phase Sch 17 Planning Context Report Plan**

Planning Authority Area: Solihull Metropolitan Borough

**hs2**

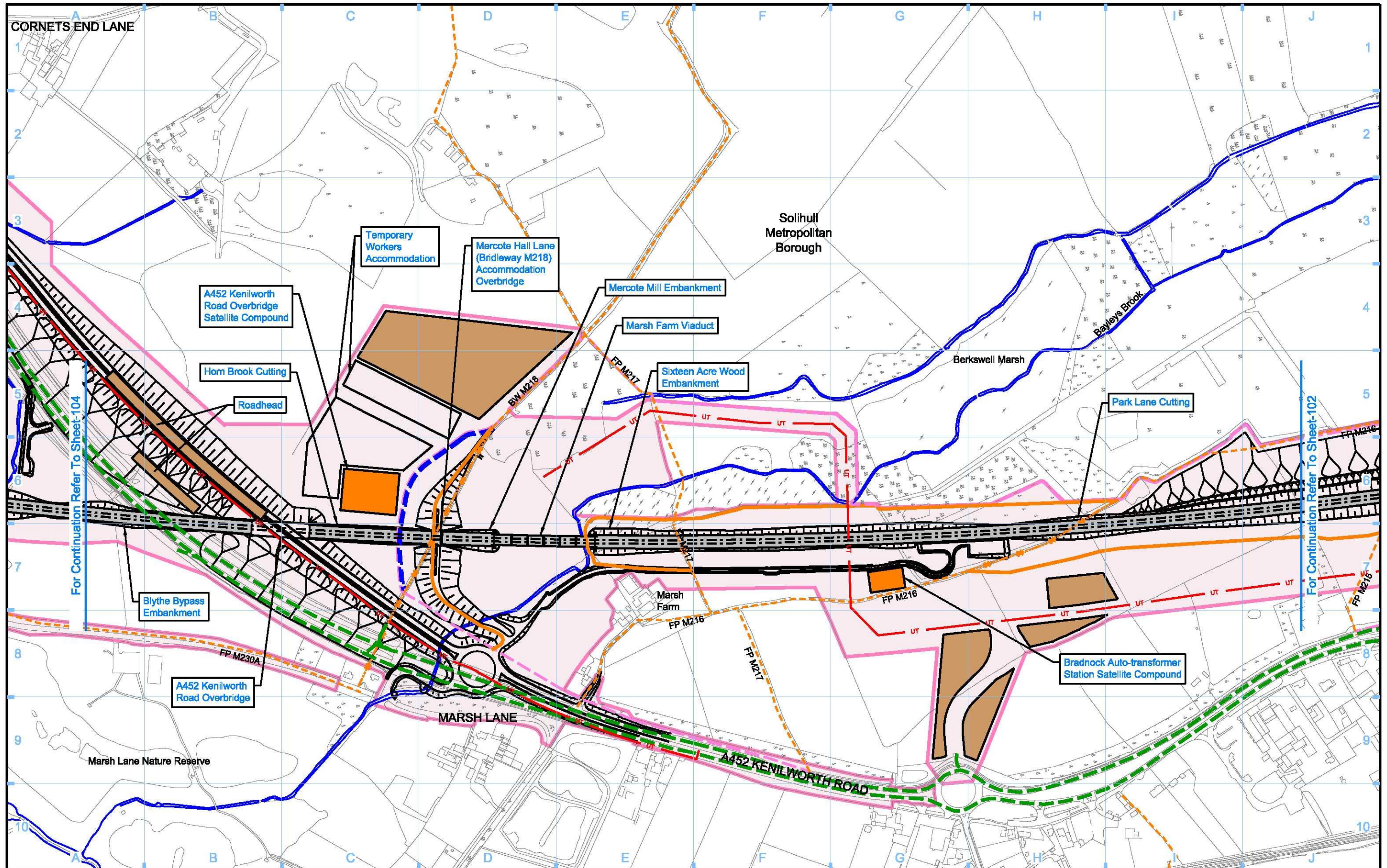
Registered in England. Registration number 06791686  
Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.

Scale at A3: 1:5,000

© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.

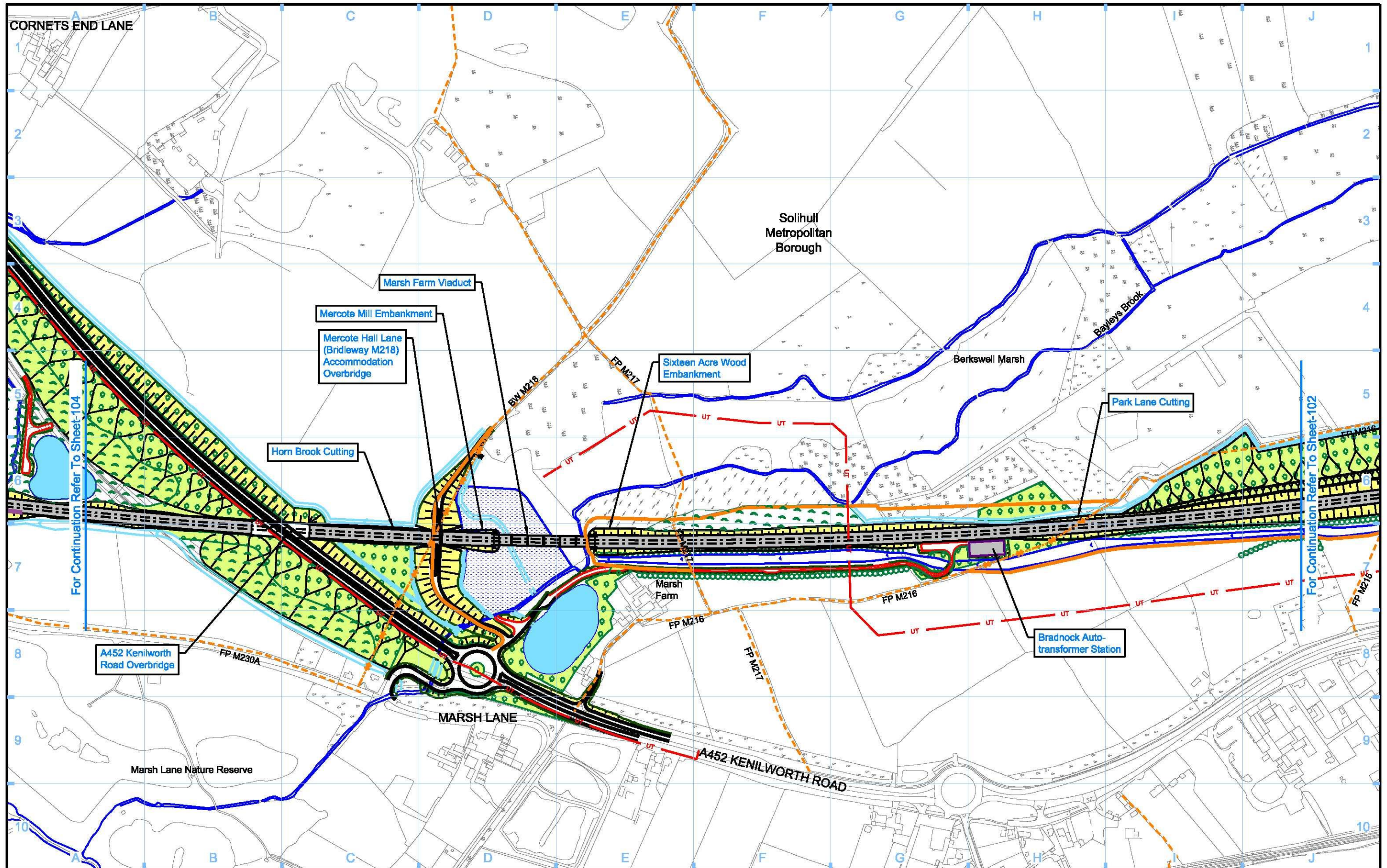
Doc Number: C224-HS2-TP-DPL-040-206102 P00.1 Date:





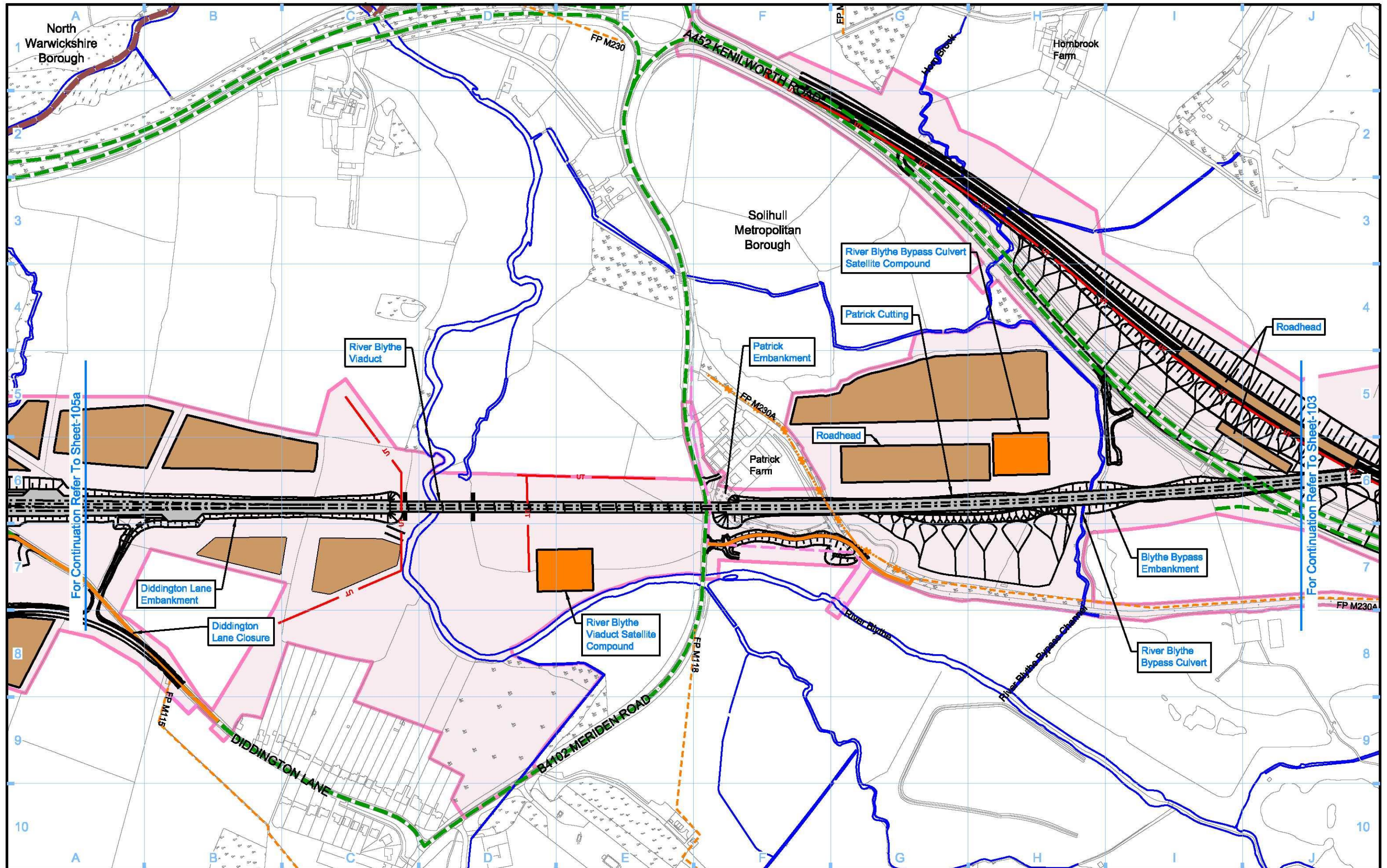
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f08080; border: 1px solid black;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #add8e6; border: 1px solid black;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #fffacd; border: 1px solid black;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2691e; border: 1px solid black;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dotted black;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Land potentially required during construction</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2691e; border: 1px solid black;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dotted black;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid green;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed orange;"></span> Existing public right of way (PRoW)</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed orange;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed pink;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid blue;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid red;"></span> Main utility works</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Rail alignment</li> </ul>	
<b>Map Number</b> <p style="text-align: center; font-size: 1.2em;"><b>S17-CP-103</b></p>		<b>Map Name</b> <p style="text-align: center;">Construction Phase Sch 17 Planning Context Report Plan</p>		<p style="font-size: 0.8em;">HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p>			
<b>Planning Authority Area</b> <p style="text-align: center;">Solihull Metropolitan Borough</p>		<p style="font-size: 0.8em;">Registered in England. Registration number 06791088 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p>		<p style="text-align: right;">Scale at A3: 1:5,000</p>			
		<p style="font-size: 0.8em;">© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p>		<p style="font-size: 0.8em;">Doc Number: G224-HS2-TP-DPL-040-205103      P00.1      Date:</p>			


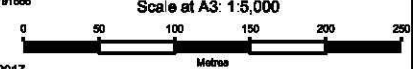




<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Electricity substation</li> <li>Land drainage area</li> <li>Ecological mitigation pond</li> <li>Balancing pond</li> </ul>		<ul style="list-style-type: none"> <li>Replacement floodplain storage</li> <li>Woodland habitat creation</li> <li>Wetland habitat creation</li> <li>Grassland habitat creation</li> <li>Landscape mitigation planting (scrub / woodland)</li> <li>Grassed areas</li> <li>Sustainable placement</li> </ul>		<ul style="list-style-type: none"> <li>Public realm/Replacement community facility</li> <li>Engineering earthworks</li> <li>Landscape earthworks</li> <li>Rail alignment formation</li> <li>Returned to suitable development use</li> <li>County boundary</li> <li>Borough / District boundary</li> </ul>		<ul style="list-style-type: none"> <li>Planning authority boundary</li> <li>Watercourse diversion</li> <li>Existing watercourse</li> <li>Ditches - new</li> <li>Hedgerow habitat creation</li> <li>Main utility works</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> </ul>		<ul style="list-style-type: none"> <li>Stopped-up PRoW</li> <li>Tunnels external extent</li> <li>Rail alignment</li> <li>HS2 Access road</li> <li>Noise fence barrier</li> <li>Chainage (e.g. 10+000)</li> </ul>		<b>Map Number</b> <b>S17-OP-103</b> <b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough		<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-206103 P00.1 Date:</p>	
--	--	---	--	---	--	--	--	--	--	--	--	---	--



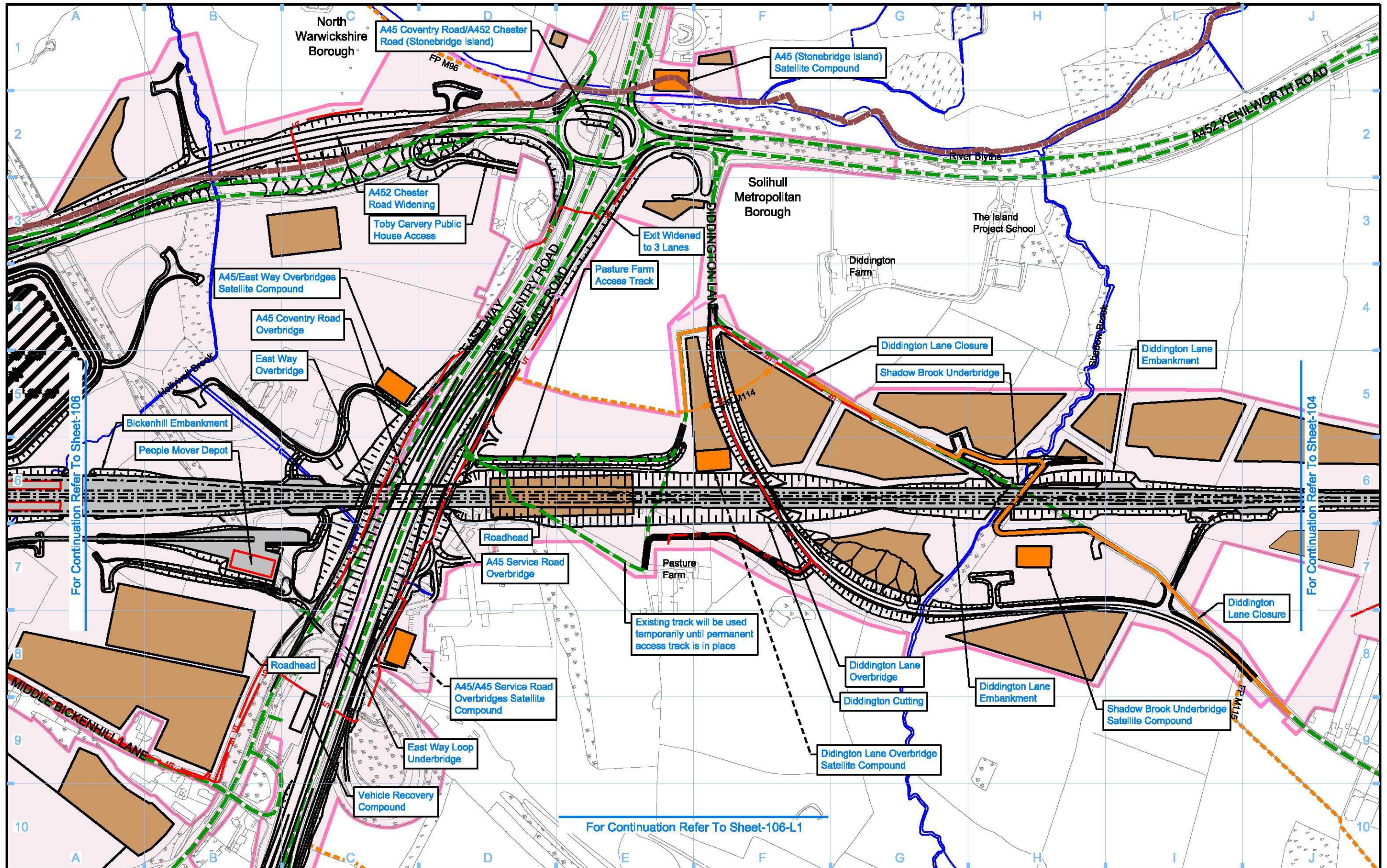


<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f08080; border: 1px solid black;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #add8e6; border: 1px solid black;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #fffacd; border: 1px solid black;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2b48c; border: 1px solid black;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dotted black;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Land potentially required during construction</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff69b4; border: 1px solid black;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Main utility works</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Rail alignment</li> </ul>	<b>Map Number</b> <b>S17-CP-104</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough / North Warwickshire Borough	 <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p>  <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205104      P00.1      Date:</p>
---	--	--	--	---



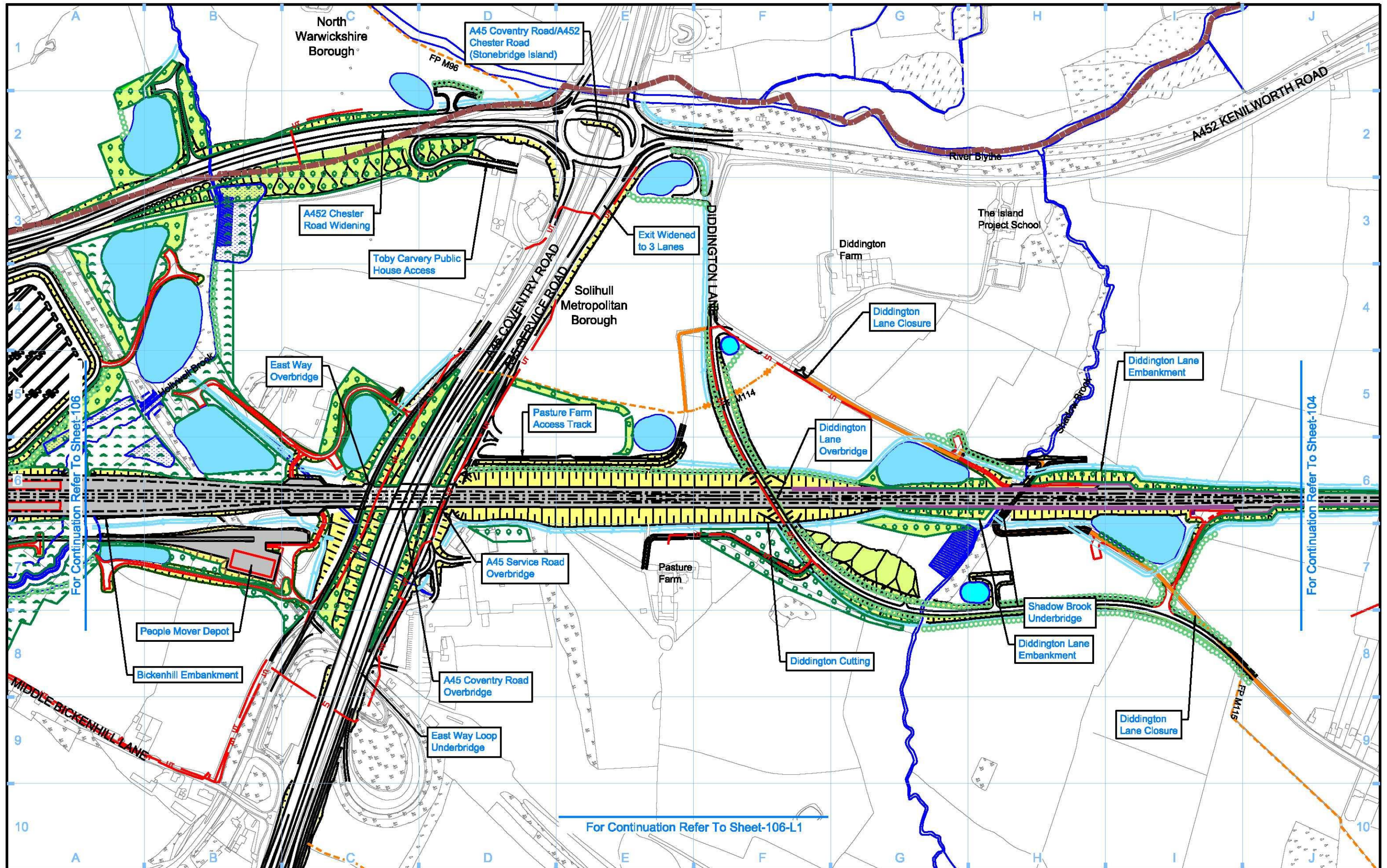






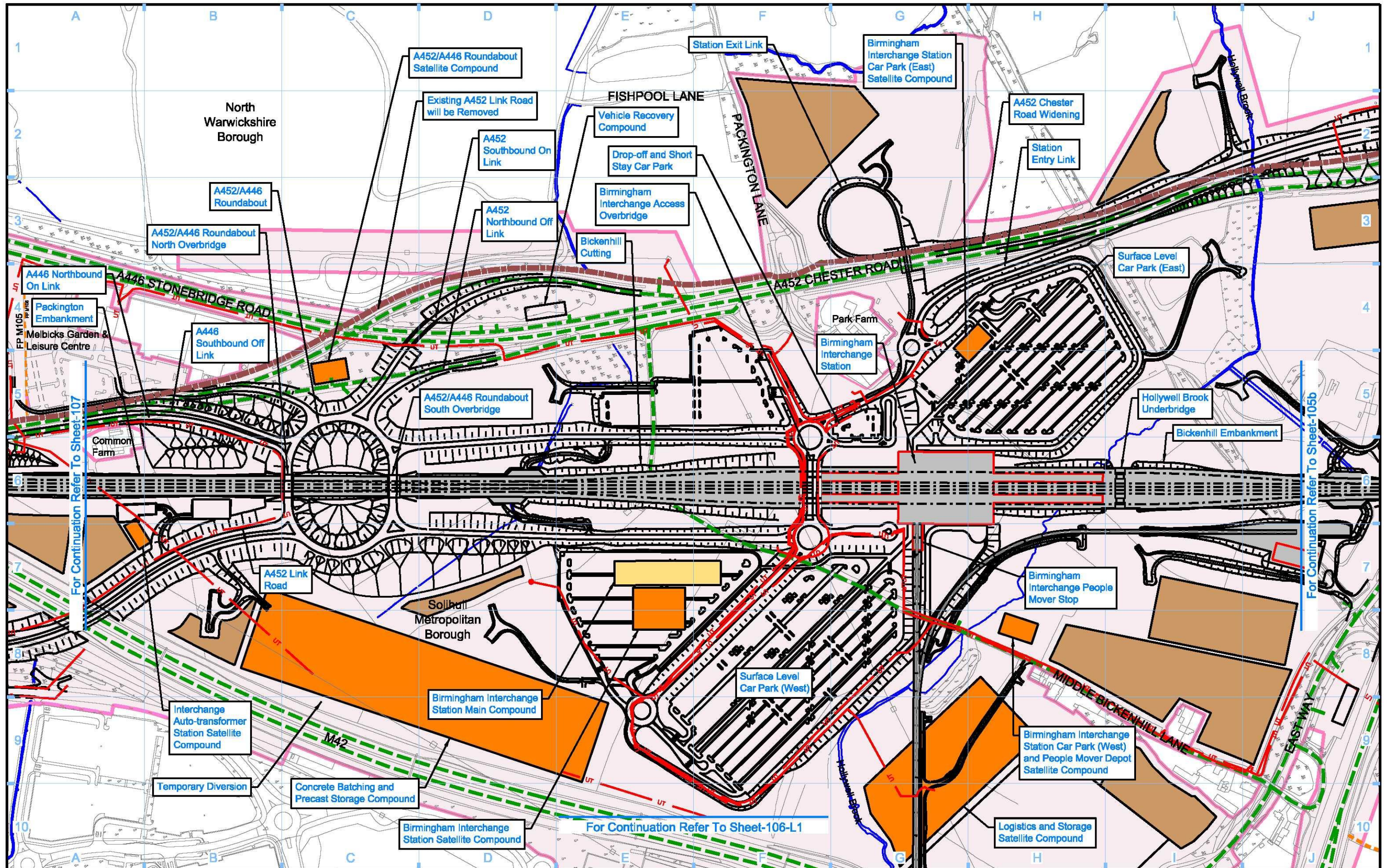
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid yellow; margin-right: 5px;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid grey; margin-right: 5px;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed grey; margin-right: 5px;"></span> Land potentially required during construction</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed orange; margin-right: 5px;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed orange; margin-right: 5px;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed pink; margin-right: 5px;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> UT</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Main utility works</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Rail alignment</li> </ul>	<p>Map Number <b>S17-CP-105b</b></p> <p>Map Name <b>Construction Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area Solihull Metropolitan Borough North Warwickshire Borough /</p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205105 P00.1 Date:</p>
---	--	--	--	---


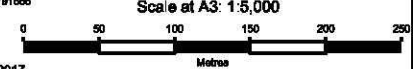




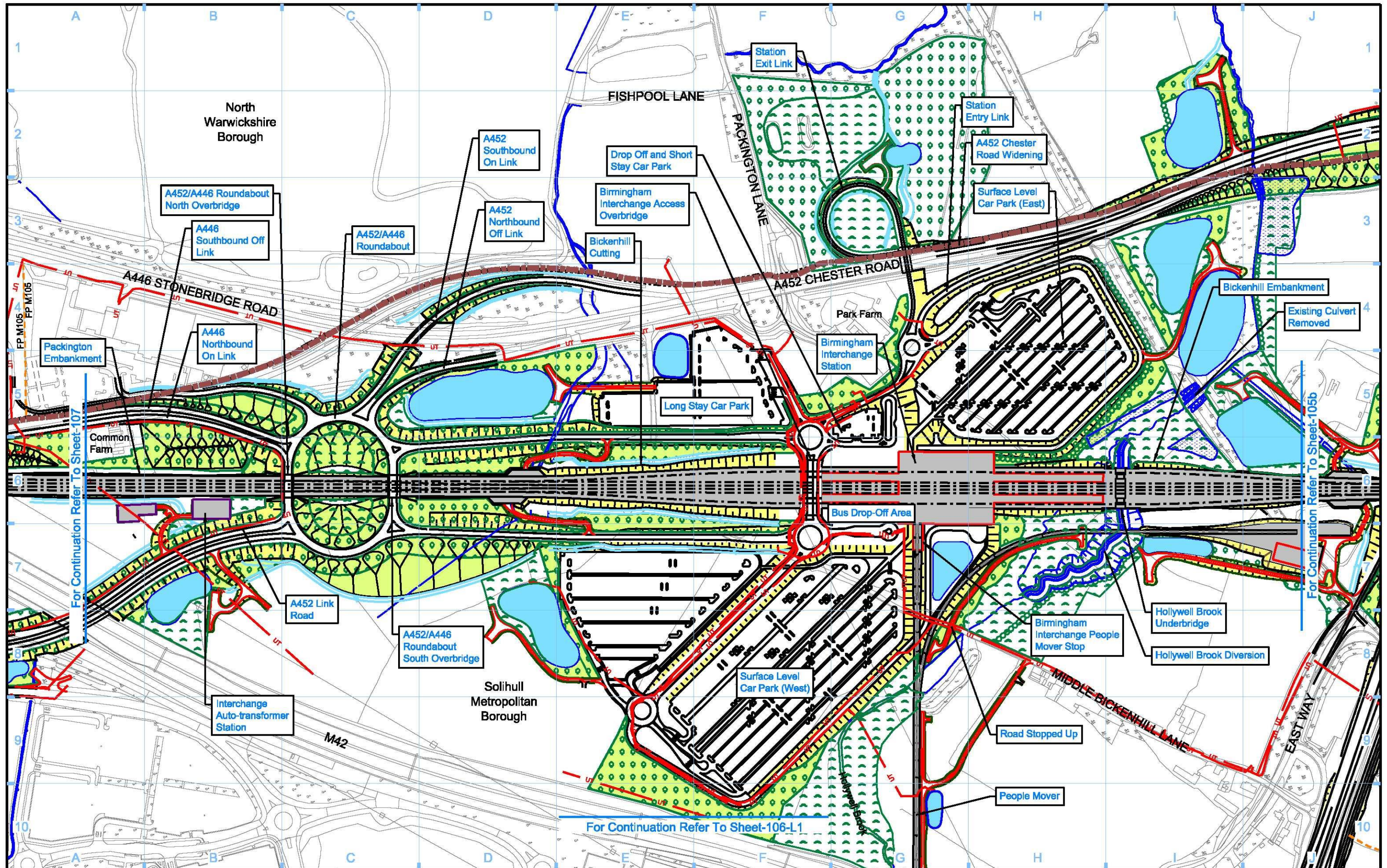
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid purple; margin-right: 5px;"></span> Electricity substation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightblue; margin-right: 5px;"></span> Land drainage area</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid cyan; margin-right: 5px;"></span> Ecological mitigation pond</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightblue; margin-right: 5px;"></span> Balancing pond</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightgreen; margin-right: 5px;"></span> Replacement floodplain storage</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Woodland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightblue; margin-right: 5px;"></span> Wetland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Grassland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightgreen; margin-right: 5px;"></span> Landscape mitigation planting (scrub / woodland)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightgreen; margin-right: 5px;"></span> Grassed areas</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid lightgreen; margin-right: 5px;"></span> Sustainable placement</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Public realm/Replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid yellow; margin-right: 5px;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid yellow; margin-right: 5px;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid grey; margin-right: 5px;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> Returned to suitable development use</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid brown; margin-right: 5px;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Watercourse diversion</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Ditches - new</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid green; margin-right: 5px;"></span> Hedgerow habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> Main utility works</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed red; margin-right: 5px;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; margin-right: 5px;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed orange; margin-right: 5px;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Rail alignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid red; margin-right: 5px;"></span> HS2 Access road</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid purple; margin-right: 5px;"></span> Noise fence barrier</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Chainage (e.g. 10+000)</li> </ul>		<b>Map Number</b> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">S17-CP-105b</p> <b>Map Name</b> <p style="text-align: center;">Proposed Scheme Sch 17 Planning Context Report Plan</p> <b>Planning Authority Area</b> <p style="text-align: center;">Solihull Metropolitan Borough / North Warwickshire Borough</p>	<p style="font-size: 0.8em;">HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p style="font-size: 0.8em;">Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p style="font-size: 0.8em;">© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p style="font-size: 0.8em;">Scale at A3: 1:5,000</p> <p style="font-size: 0.8em;">Doc Number: G224-HS2-TP-DPL-040-206105      P00.1      Date:</p>
---	--	--	---





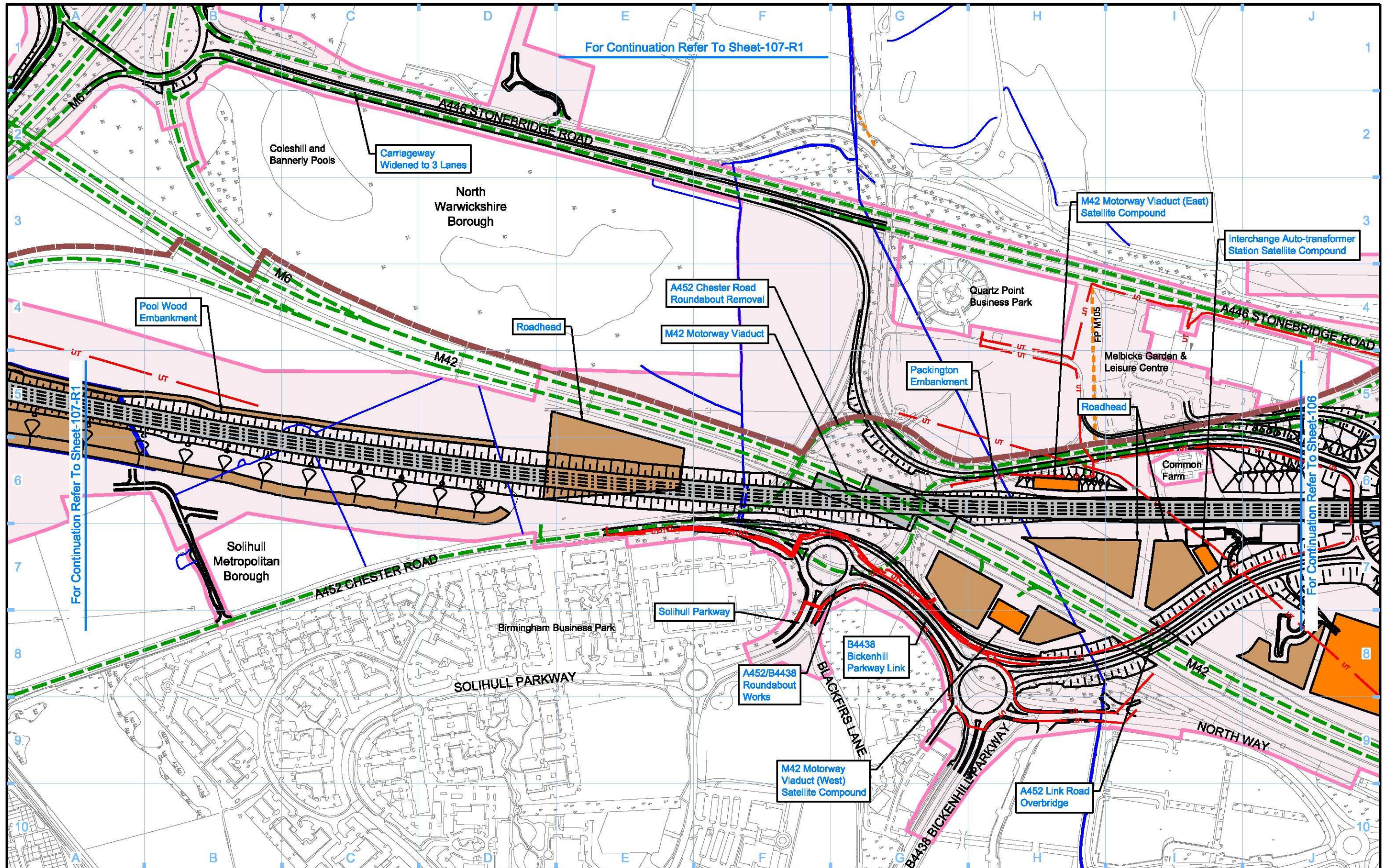
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f08080; border: 1px solid black;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #add8e6; border: 1px solid black;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffff00; border: 1px solid black;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2b48c; border: 1px solid black;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dotted black;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> Land potentially required during construction</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff69b4; border: 1px solid black;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Main utility works</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Rail alignment</li> </ul>		<b>Map Number</b> <b>S17-CP-106</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough / North Warwickshire Borough	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA. Scale at A3: 1:5,000  © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. <b>Doc Number:</b> G224-HS2-TP-DPL-040-205106 <b>P00.1</b> <b>Date:</b>
---	--	--	--





<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Electricity substation</li> <li>Land drainage area</li> <li>Ecological mitigation pond</li> <li>Balancing pond</li> </ul>		<ul style="list-style-type: none"> <li>Replacement floodplain storage</li> <li>Woodland habitat creation</li> <li>Wetland habitat creation</li> <li>Grassland habitat creation</li> <li>Landscape mitigation planting (scrub / woodland)</li> <li>Grassed areas</li> <li>Sustainable placement</li> </ul>		<ul style="list-style-type: none"> <li>Public realm/Replacement community facility</li> <li>Engineering earthworks</li> <li>Landscape earthworks</li> <li>Rail alignment formation</li> <li>Returned to suitable development use</li> <li>County boundary</li> <li>Borough / District boundary</li> </ul>		<ul style="list-style-type: none"> <li>Planning authority boundary</li> <li>Watercourse diversion</li> <li>Existing watercourse</li> <li>Ditches - new</li> <li>Hedgerow habitat creation</li> <li>Main utility works</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> </ul>		<ul style="list-style-type: none"> <li>Stopped-up PRoW</li> <li>Tunnels external extent</li> <li>Rail alignment</li> <li>HS2 Access road</li> <li>Noise fence barrier</li> <li>Chainage (e.g. 10+000)</li> </ul>		<b>Map Number</b> <b>S17-OP-106</b> <b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough / North Warwickshire Borough		<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791866          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C224-HS2-TP-DPL-040-206106 P00.1 Date:</p>	
--	--	---	--	---	--	--	--	--	--	---	--	---	--





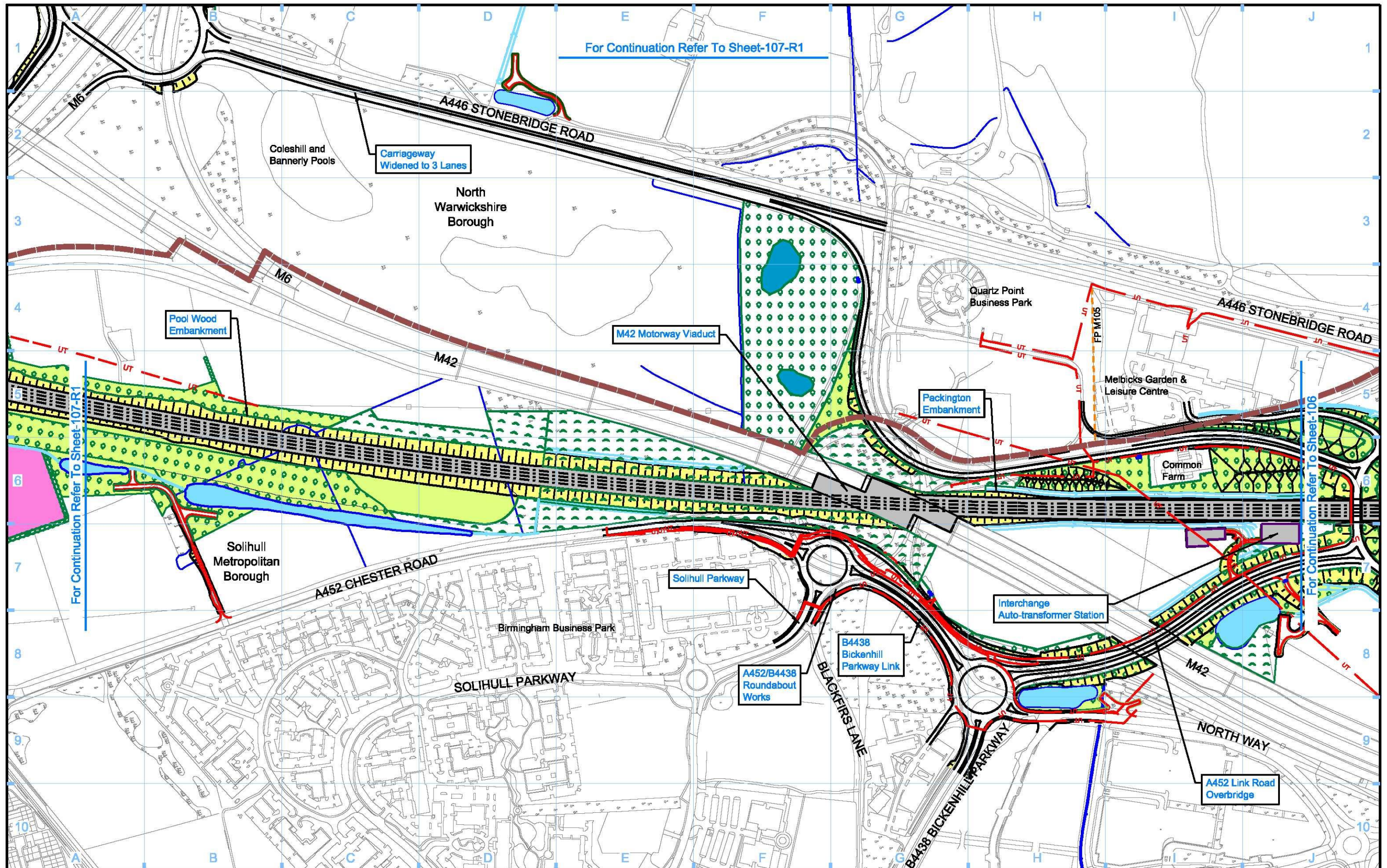
For Continuation Refer To Sheet-107-R1

For Continuation Refer To Sheet-107-R1

For Continuation Refer To Sheet-106

<b>Legend</b> 		<b>Map Number</b> <p><b>S17-CP-107</b></p>		<p>Scale at A3: 1:5,000</p>
<b>Map Name</b> <p><b>Construction Phase Sch 17 Planning Context Report Plan</b></p>		<b>Map Number</b> <p>S17-CP-107</p>		
<b>Planning Authority Area</b> <p>Solihull Metropolitan Borough / North Warwickshire Borough</p>		<b>Registered in England</b> Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA. © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. <b>Doc Number:</b> G224-HS2-TP-DPL-040-205107 <b>P00.1</b> <b>Date:</b>		





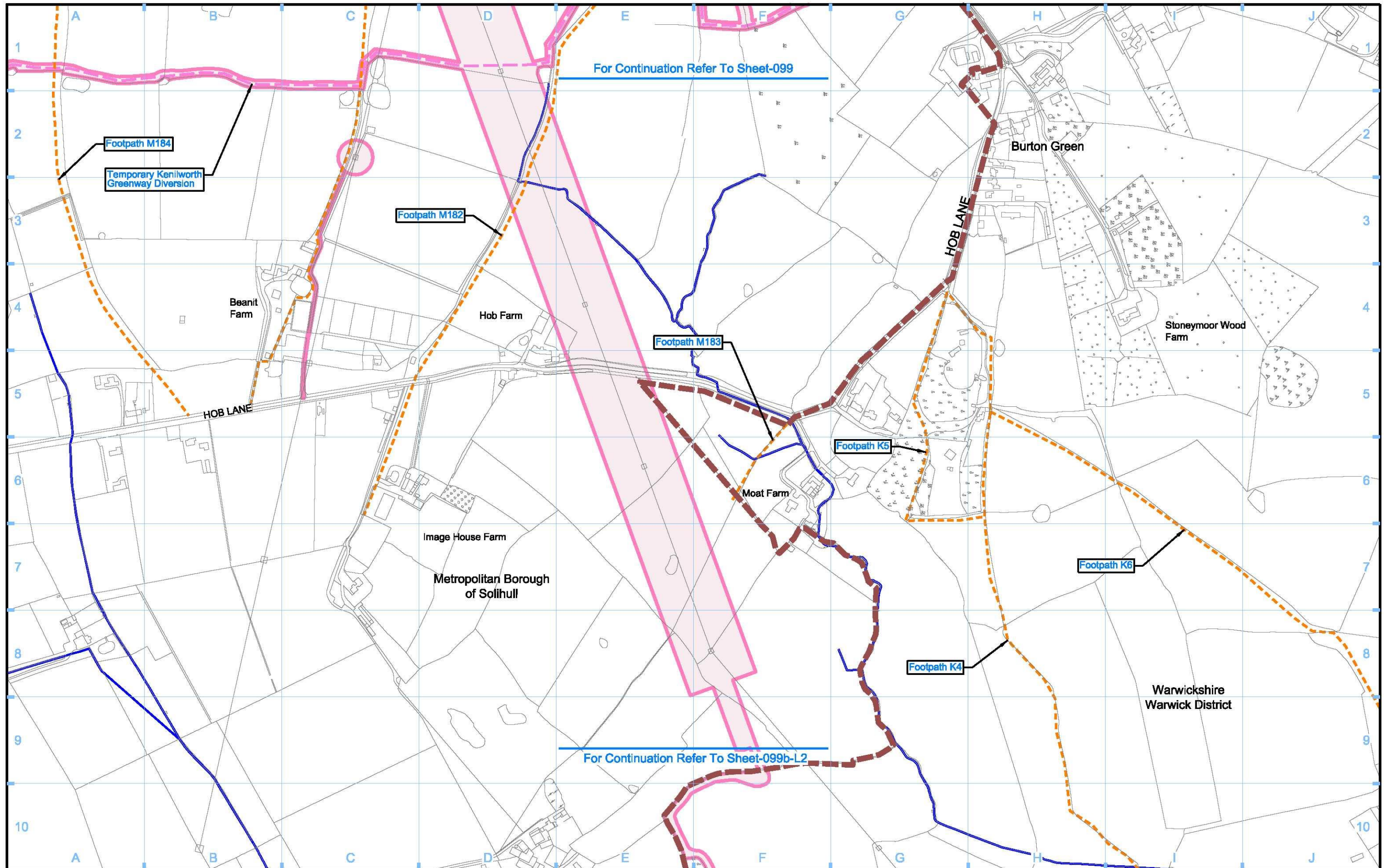
For Continuation Refer To Sheet-107-R1

For Continuation Refer To Sheet-107-R1

For Continuation Refer To Sheet-106

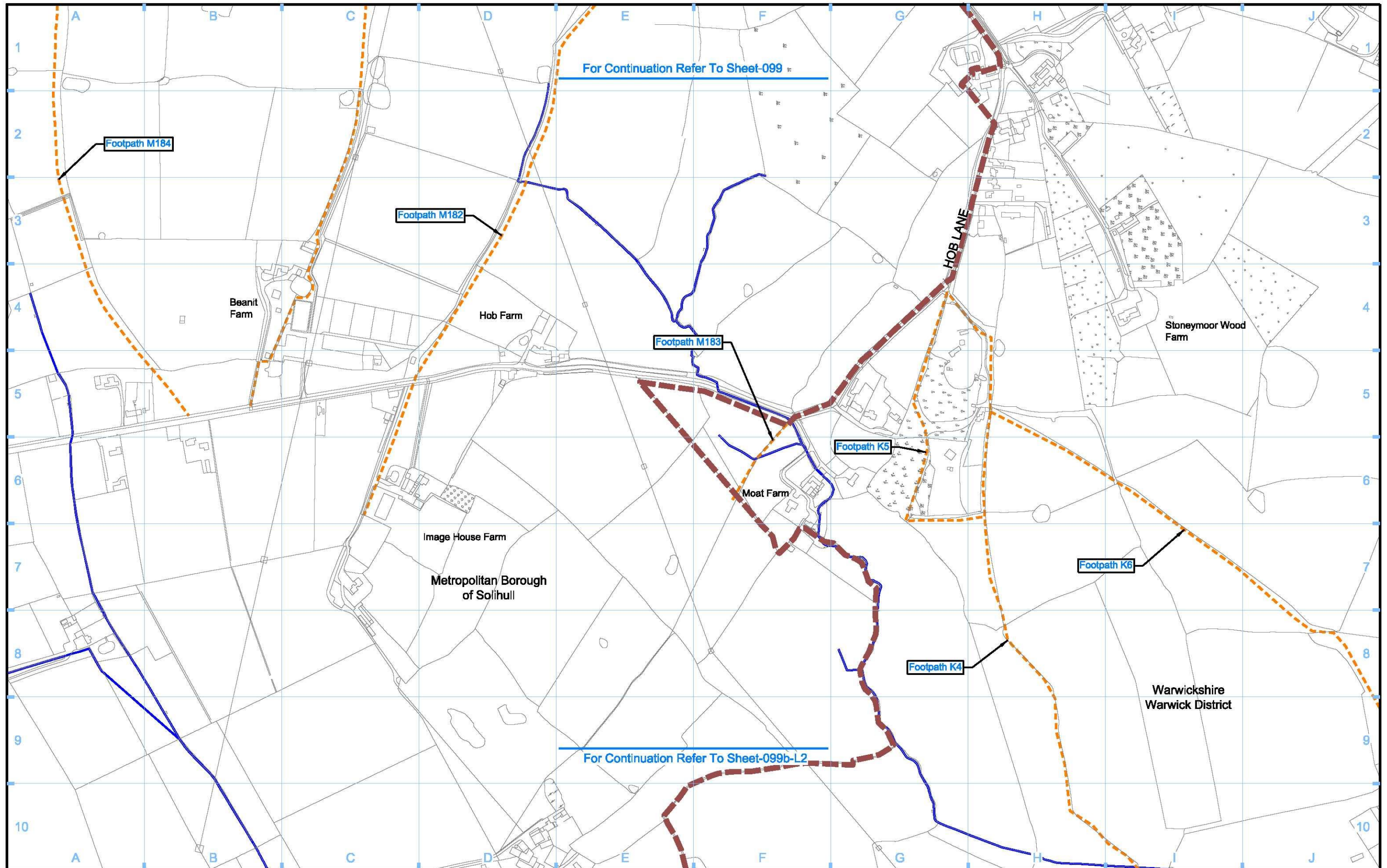
<b>Legend</b> 		<b>Map Number</b> <b>S17-OP-107</b>	 <small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small> <small>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</small> <small>Scale at A3: 1:5,000</small>  <small>0 50 100 150 200 250 Metres</small> <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small> <b>Doc Number:</b> G224-HS2-TP-DPL-040-206107 <b>P00.1</b> <b>Date:</b>
<b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b>		<b>Planning Authority Area</b> Solihull Metropolitan Borough / North Warwickshire Borough	





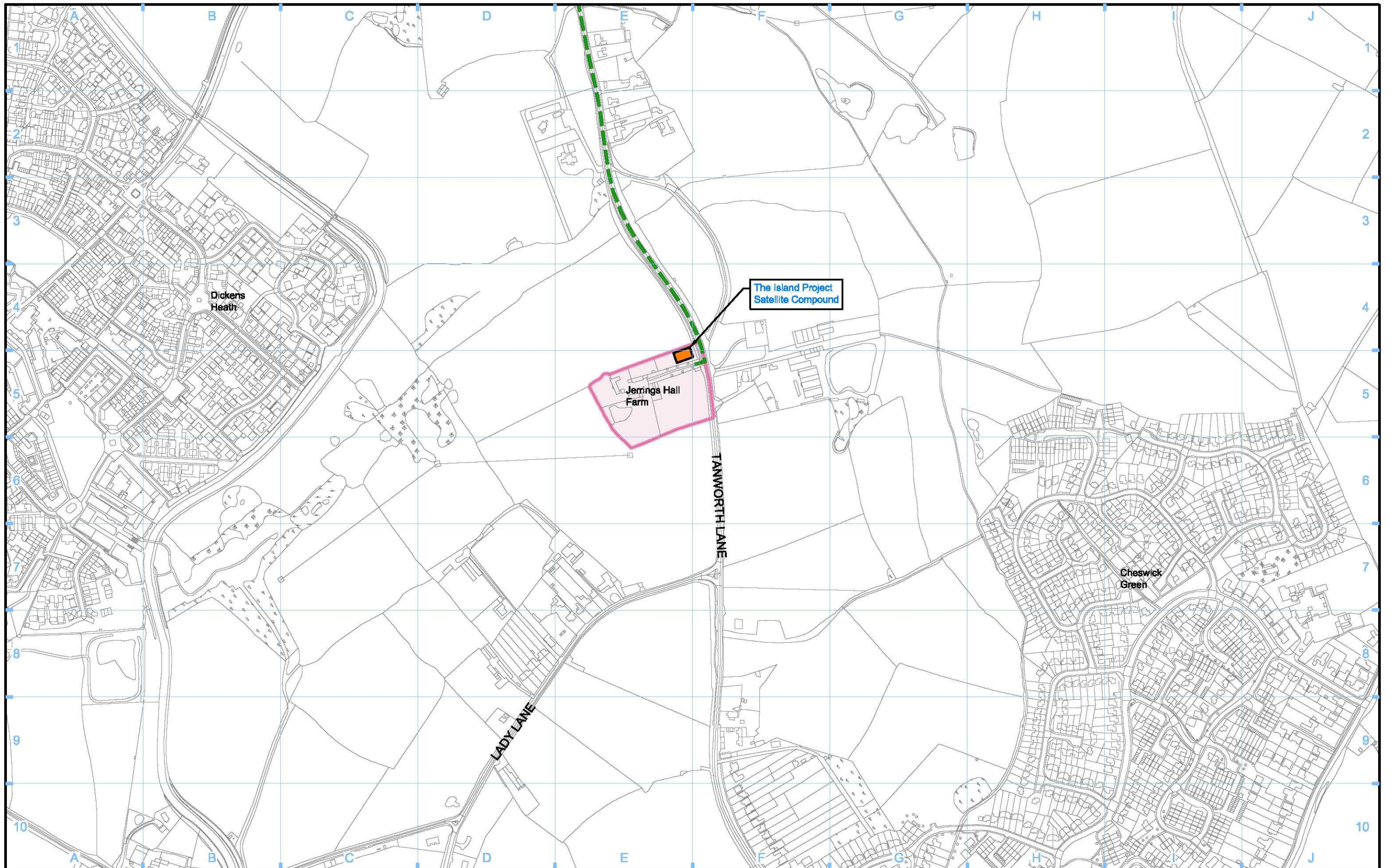
<b>Legend</b> 		<b>Map Number</b> <b>S17-CP-099b-L1</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> <b>Metropolitan Borough of Solihull / Warwick District</b>		 <small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small> <small>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</small> <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small> <b>Scale at A3: 1:5,000</b>  <b>Doc Number:</b> G224-HS2-TP-DPL-040-205199 <b>P00.1 Data:</b>	
-------------------	--	--	--	---	--





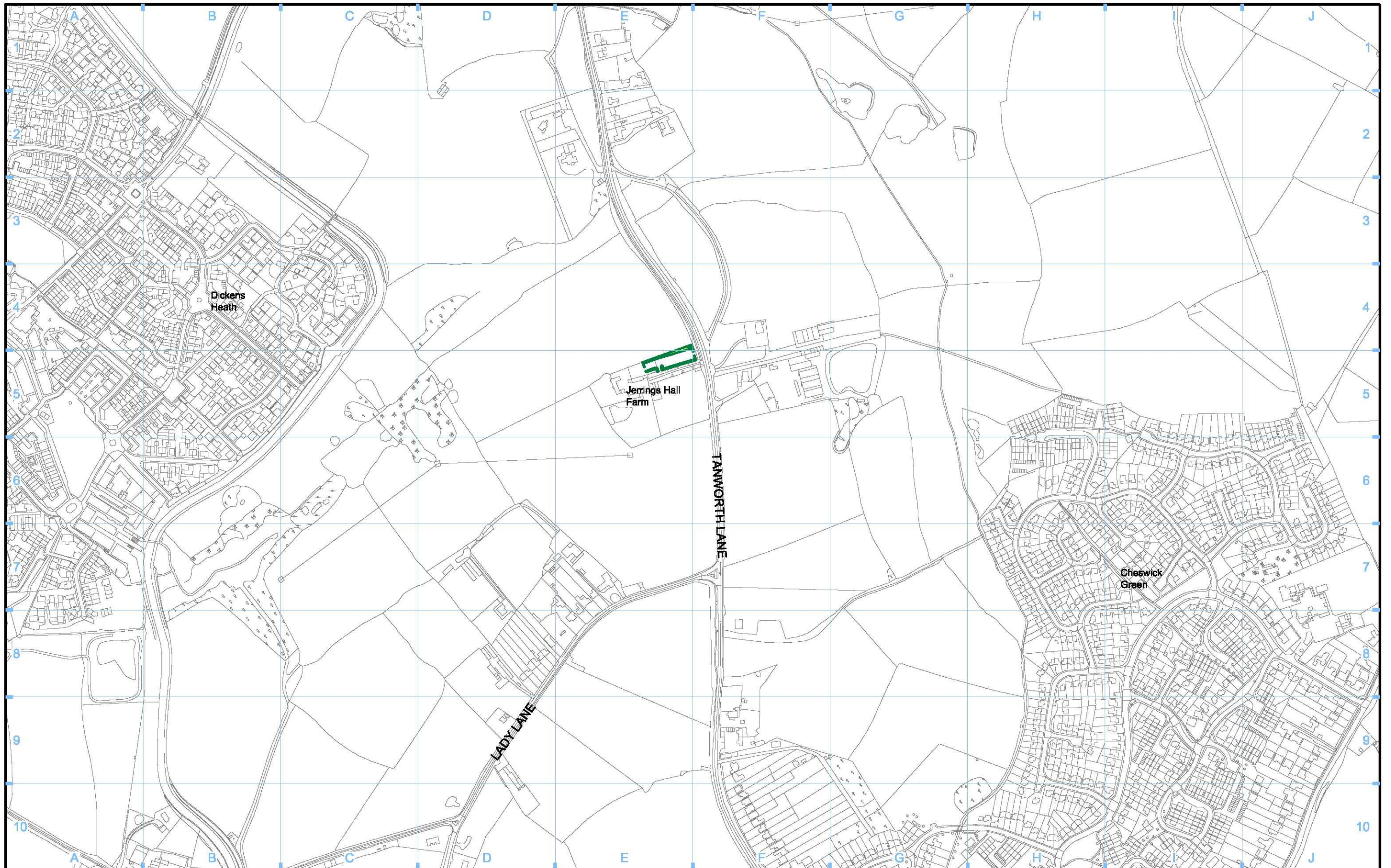
<b>Legend</b> 		<b>Map Number</b> <b>S17-OP-099b-L1</b> <b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> <b>Metropolitan Borough of Solihull /</b> <b>Warwick District</b>	 <small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small> <small>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</small> <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small> <b>Scale at A3: 1:5,000</b>  <b>Doc Number:</b> G224-HS2-TP-DPL-040-206199 <b>P00.1</b> <b>Date:</b>
-------------------	--	---	--





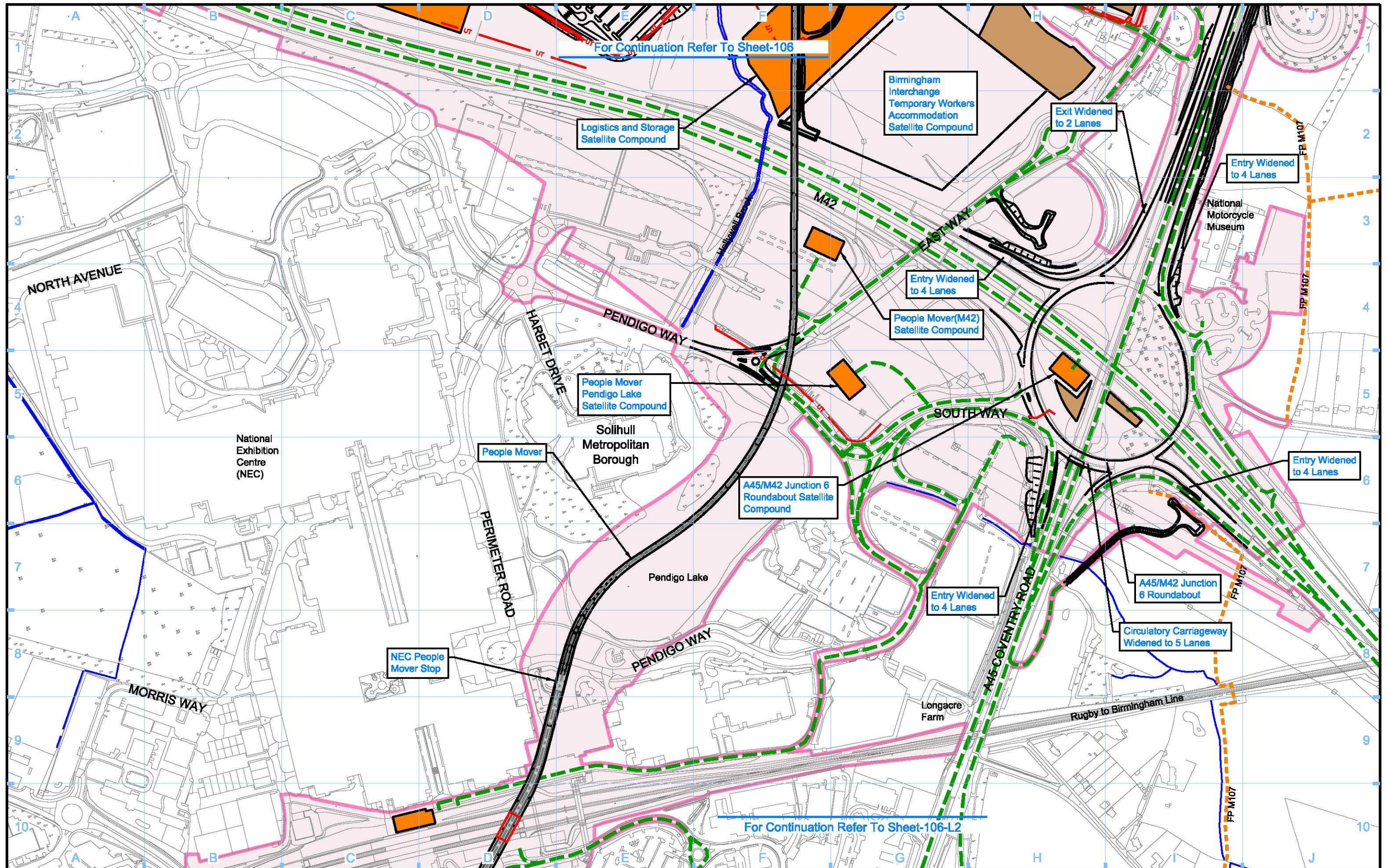
<b>Legend</b> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Temporary material stockpile		Rail alignment formation Landscape earthworks Engineering earthworks County boundary Borough / District boundary Land potentially required during construction		Temporary replacement community facility Planning authority boundary Existing watercourse Tunnels external extent Construction traffic route Existing public right of way (PRoW)		New, diverted or realigned PRoW Stopped-up PRoW Temporary PRoW diversion / realignment Temporary highway diversion / realignment UT - Main utility works		Chainage (e.g. 10+000) Rail alignment		<b>Map Number</b> <b>S17-CP-105a-L1</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch17 Planning Context Report Plan</b> <b>Planning Authority Area</b> <b>Solihull Metropolitan Borough</b>		 <small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small> <small>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</small> <b>Scale at A3: 1:5,000</b>  <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small> <b>Doc Number:</b> C224-HS2-TP-DPL-040-205205 <b>P00.1</b> <b>Date:</b>	
---	--	---	--	---	--	--	--	--	--	---	--	---	--





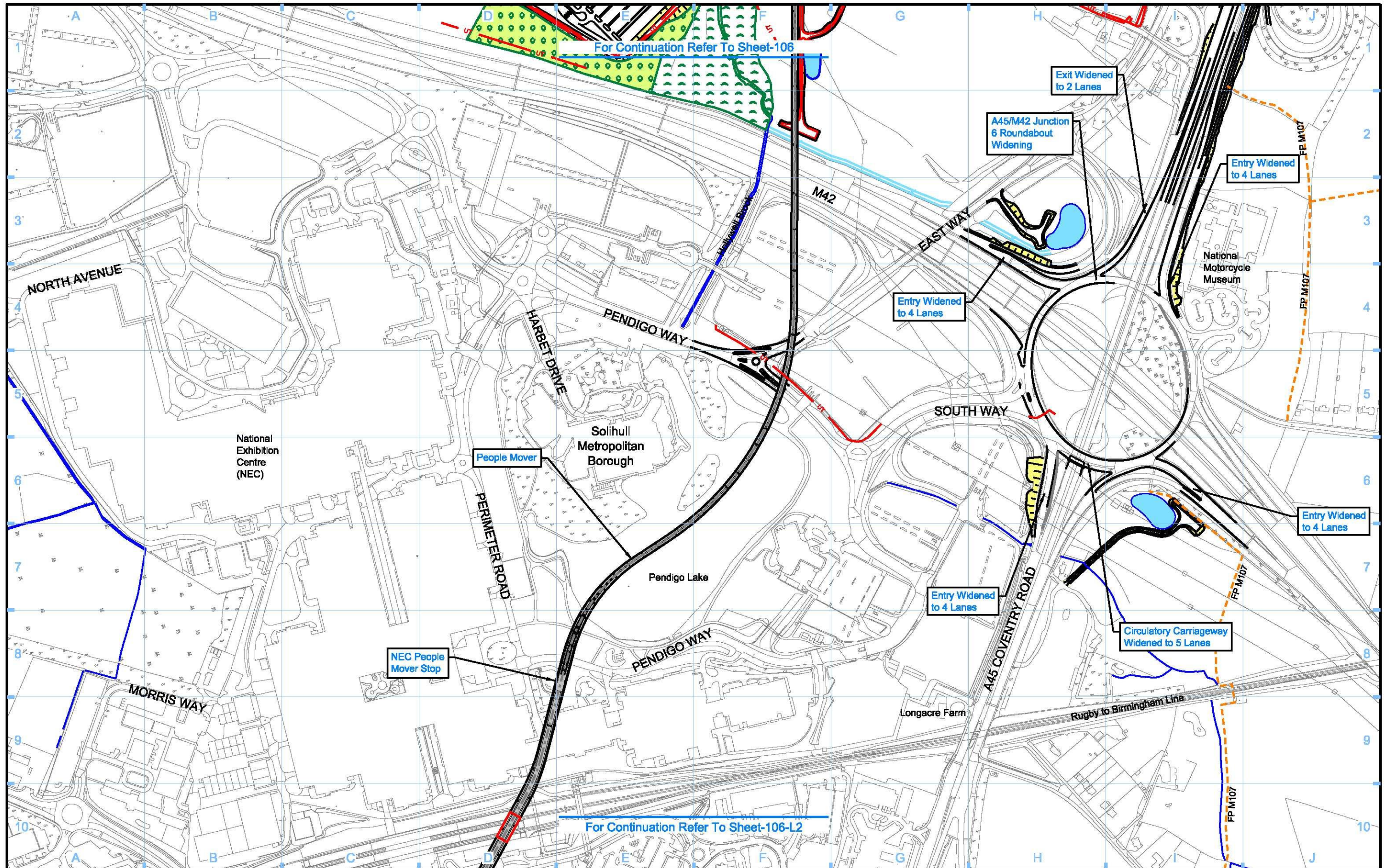
<b>Legend</b> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond		Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement		Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary		Planning authority boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW		Stopped-up PRoW Tunnels external extent Rail alignment HS2 Access road Noise fence barrier Chainage (e.g. 10+000)		<b>Map Number</b> <b>S17-OP-105a-L1</b> <b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> <b>Solihull Metropolitan Borough</b>		 <small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small> <small>Registered in England. Registration number 06791686 Registered office 2 Snow Hill, Queensway, Birmingham, B4 6QA.</small> <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small> <b>Scale at A3: 1:5,000</b>  <small>0 50 100 150 200 250</small> <small>Metres</small> <b>Doc Number:</b> C224-HS2-TP-DPL-040-206205 <b>P00.0</b> <b>Date:</b>	
--	--	---	--	---	--	--	--	--	--	---	--	--	--





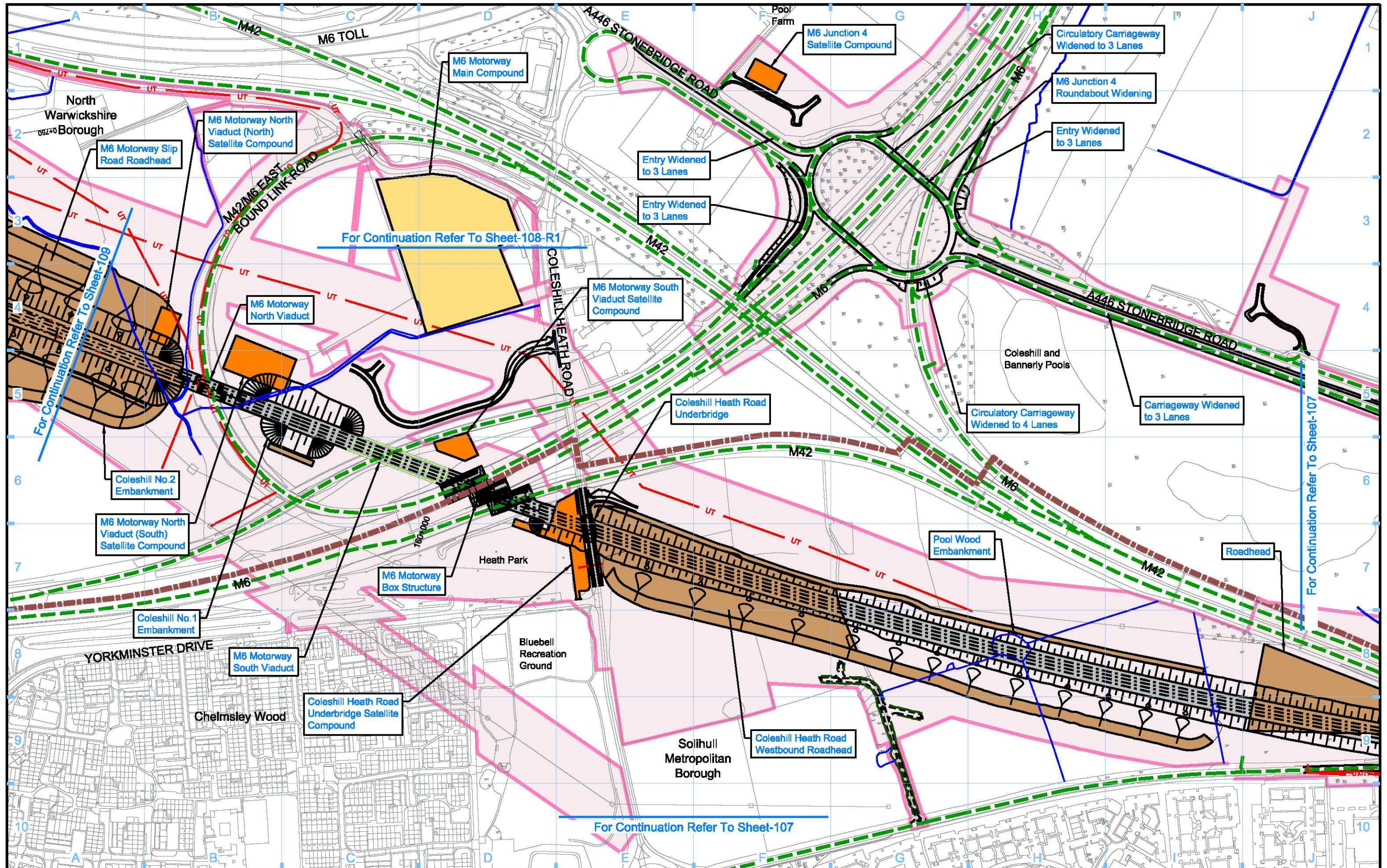
<b>Legend</b> 		<b>Map Number</b> <b>S17-CP-106-L1</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough		 Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA. Scale at A3: 1:5,000 © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. Doc Number: C224-HS2-TP-DPL-040-205206 P00.1 Date:	
-------------------	--	--	--	--	--





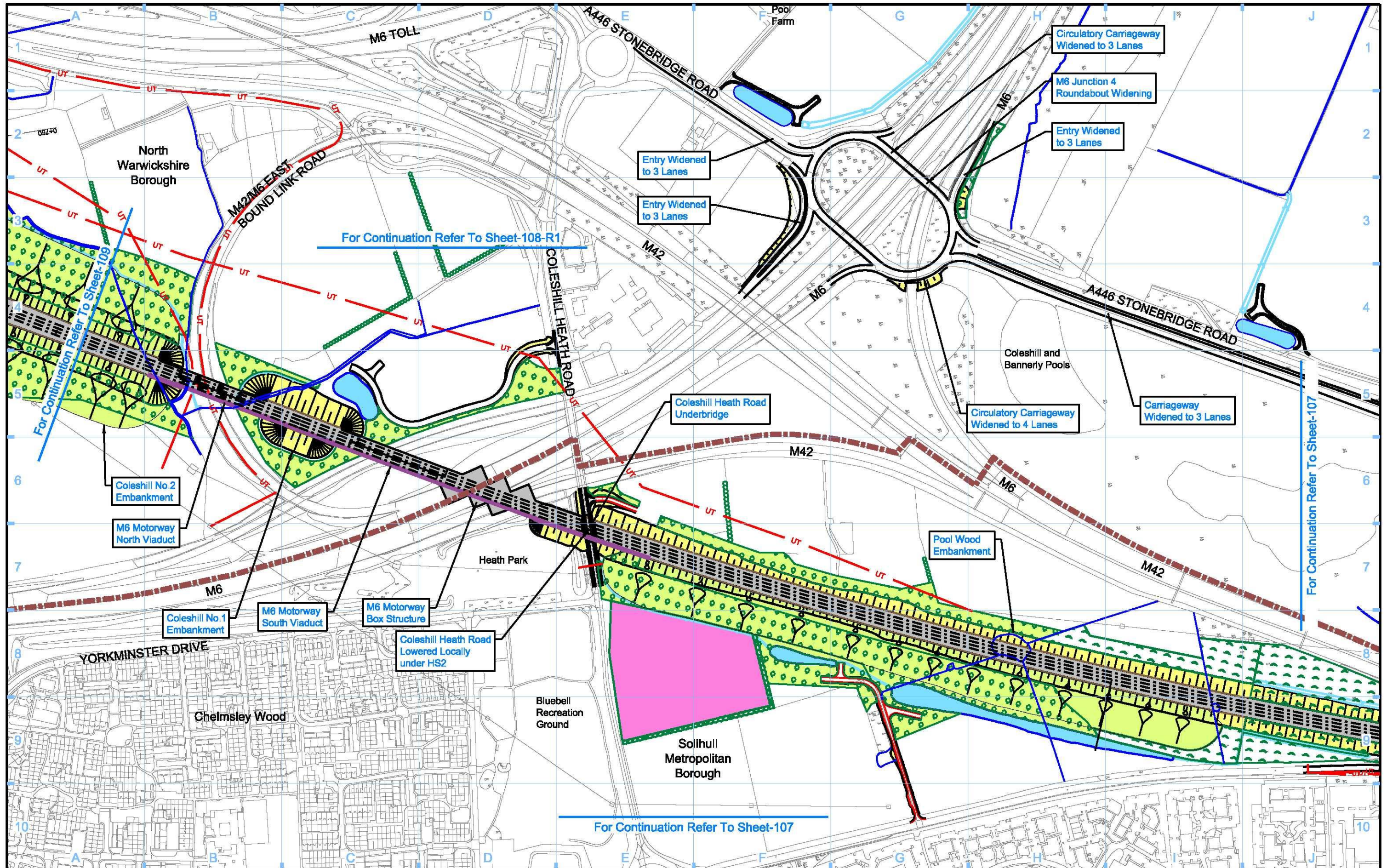
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: blue; border: 1px solid black;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: purple; border: 1px solid black;"></span> Electricity substation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> Land drainage area</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: cyan; border: 1px solid black;"></span> Ecological mitigation pond</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> Balancing pond</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Replacement floodplain storage</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; border: 1px solid black;"></span> Woodland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Wetland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Grassland habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Landscape mitigation planting (scrub / woodland)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Grassed areas</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Sustainable placement</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: pink; border: 1px solid black;"></span> Public realm/Replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; border: 1px solid black;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black;"></span> Returned to suitable development use</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: black; border: 1px solid black;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: black; border: 1px solid black;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid brown;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid blue;"></span> Watercourse diversion</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid blue;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid blue;"></span> Ditches - new</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid green;"></span> Hedgerow habitat creation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid red;"></span> Main utility works</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed orange;"></span> Existing public right of way (PRoW)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid orange;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed orange;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px dashed black;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Rail alignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid red;"></span> HS2 Access road</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid purple;"></span> Noise fence barrier</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid black;"></span> Chainage (e.g. 10+000)</li> </ul>		<b>Map Number</b> <b>S17-OP-106-L1</b> <b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough	<p>Registered in England. Registration number 06791686          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C224-HS2-TP-DPL-040-206206 P00.1 Date:</p>
--	--	---	--





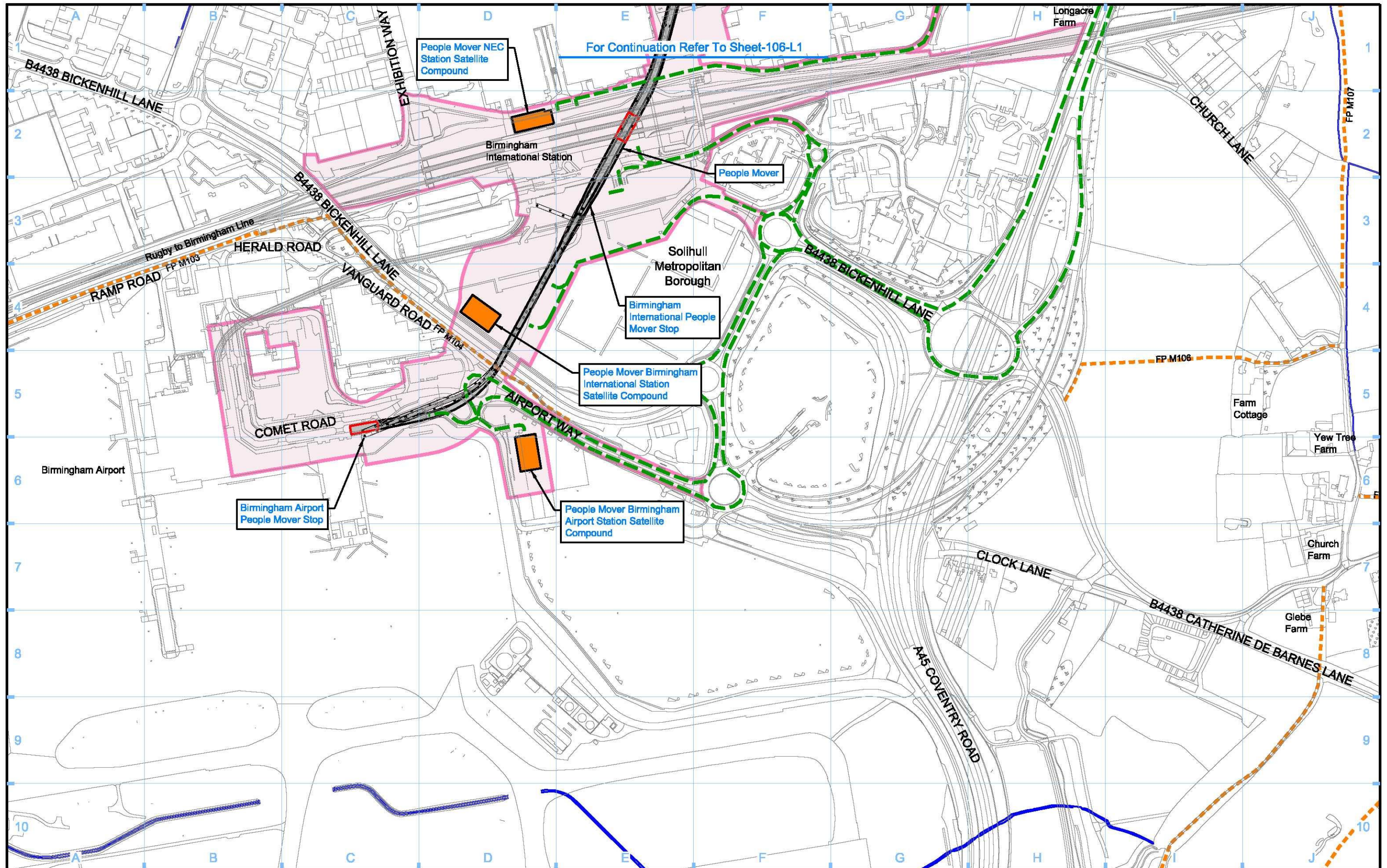
<b>Legend</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f08080; border: 1px solid black;"></span> Depot, station, headhouse or portal building</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #add8e6; border: 1px solid black;"></span> Tunnel portal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffff00; border: 1px solid black;"></span> Main construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> Satellite construction compound</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2b48c; border: 1px solid black;"></span> Temporary material stockpile</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black;"></span> Rail alignment formation</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Landscape earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Engineering earthworks</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dotted black;"></span> County boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Borough / District boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Land potentially required during construction</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff69b4; border: 1px solid black;"></span> Temporary replacement community facility</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Planning authority boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Existing watercourse</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Tunnels external extent</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Construction traffic route</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Existing public right of way (PRoW)</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> New, diverted or realigned PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Stopped-up PRoW</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Temporary PRoW diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Temporary highway diversion / realignment</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Main utility works</li> </ul>		<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid black;"></span> Chainage (e.g. 10+000)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed black;"></span> Rail alignment</li> </ul>	
<p>Map Number: <b>S17-CP-107-R1</b></p> <p>Map Name: <b>Construction Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area: Solihull Metropolitan Borough / North Warwickshire Borough</p>				<p>hs2</p> <p>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205207 P00.1 Date:</p>			





<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Electricity substation</li> <li>Land drainage area</li> <li>Ecological mitigation pond</li> <li>Balancing pond</li> <li>Replacement floodplain storage</li> <li>Woodland habitat creation</li> <li>Wetland habitat creation</li> <li>Grassland habitat creation</li> <li>Landscape mitigation planting (scrub / woodland)</li> <li>Grassed areas</li> <li>Sustainable placement</li> <li>Public realm/Replacement community facility</li> <li>Engineering earthworks</li> <li>Landscape earthworks</li> <li>Rail alignment formation</li> <li>Returned to suitable development use</li> <li>County boundary</li> <li>Borough / District boundary</li> <li>Planning authority boundary</li> <li>Watercourse diversion</li> <li>Existing watercourse</li> <li>Ditches - new</li> <li>Hedgerow habitat creation</li> <li>Main utility works</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> <li>Stopped-up PRoW</li> <li>Tunnels external extent</li> <li>Rail alignment</li> <li>HS2 Access road</li> <li>Noise fence barrier</li> <li>Chainage (e.g. 10+000)</li> </ul>		<p>Map Number <b>S17-OP-107-R1</b></p> <p>Map Name <b>Operational Phase Sch 17 Planning Context Report Plan</b></p> <p>Planning Authority Area Solihull Metropolitan Borough / North Warwickshire Borough</p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-206207 P00.1 Date:</p>
--	--	---	--

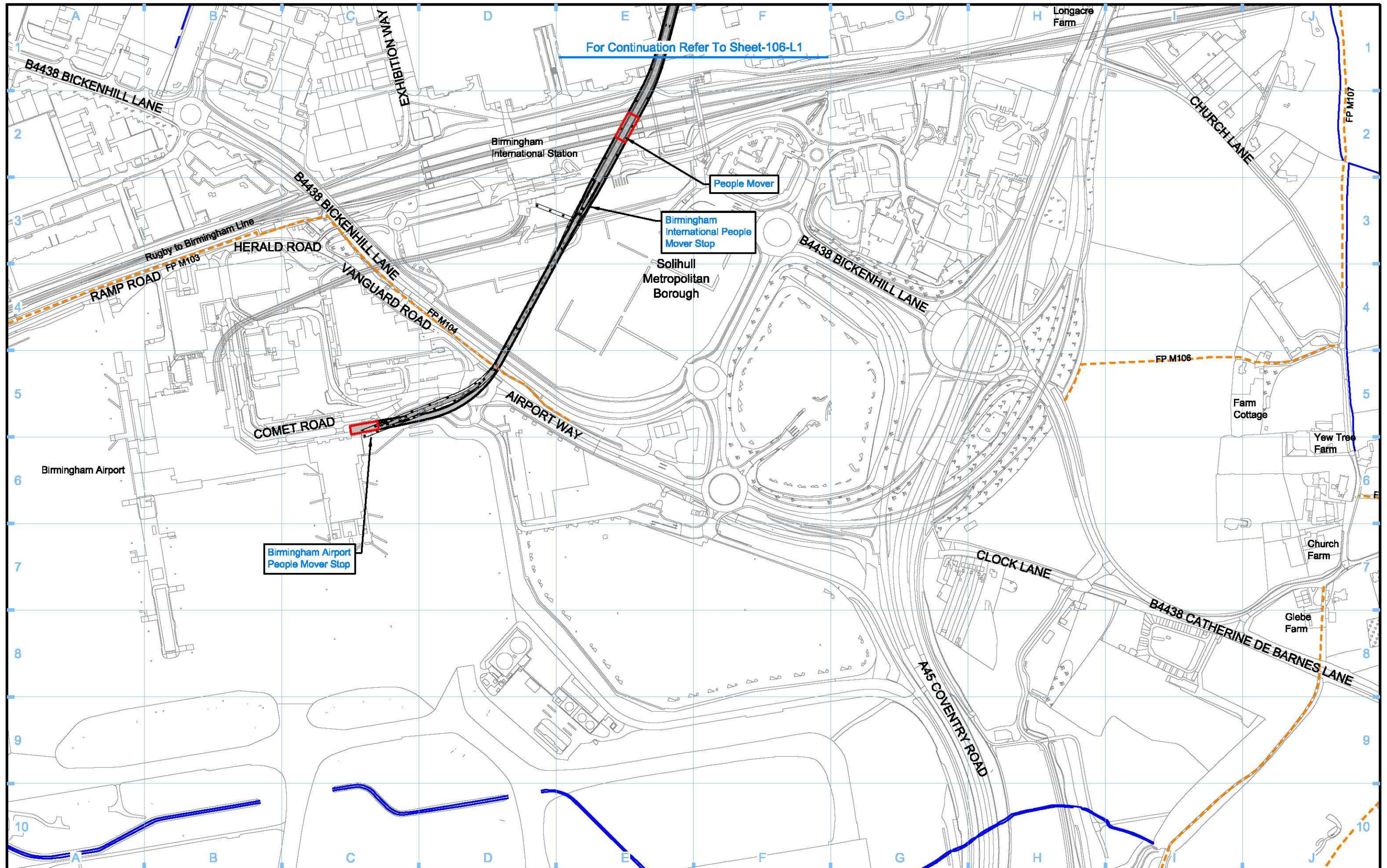




For Continuation Refer To Sheet-106-L1

<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Main construction compound</li> <li>Satellite construction compound</li> <li>Temporary material stockpile</li> <li>Rail alignment formation</li> <li>Landscape earthworks</li> <li>Engineering earthworks</li> <li>County boundary</li> <li>Borough / District boundary</li> <li>Land potentially required during construction</li> <li>Temporary replacement community facility</li> <li>Planning authority boundary</li> <li>Existing watercourse</li> <li>Tunnels external extent</li> <li>Construction traffic route</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> <li>Stopped-up PRoW</li> <li>Temporary PRoW diversion / realignment</li> <li>Temporary highway diversion / realignment</li> <li>Main utility works</li> <li>Chainage (e.g. 10+000)</li> <li>Rail alignment</li> </ul>		<b>Map Number</b> <b>S17-CP-106-L2</b> <b>Map Name</b> <b>Construction Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-205306 P00.1 Date:</p>
--	--	--	---





<b>Legend</b> <ul style="list-style-type: none"> <li>Depot, station, headhouse or portal building</li> <li>Tunnel portal</li> <li>Electricity substation</li> <li>Land drainage area</li> <li>Ecological mitigation pond</li> <li>Balancing pond</li> </ul>		<ul style="list-style-type: none"> <li>Replacement floodplain storage</li> <li>Woodland habitat creation</li> <li>Wetland habitat creation</li> <li>Grassland habitat creation</li> <li>Landscape mitigation planting (scrub / woodland)</li> <li>Grassed areas</li> <li>Sustainable placement</li> </ul>		<ul style="list-style-type: none"> <li>Public realm/Replacement community facility</li> <li>Engineering earthworks</li> <li>Landscape earthworks</li> <li>Rail alignment formation</li> <li>Returned to suitable development use</li> <li>County boundary</li> <li>Borough / District boundary</li> </ul>		<ul style="list-style-type: none"> <li>Planning authority boundary</li> <li>Watercourse diversion</li> <li>Existing watercourse</li> <li>Ditches - new</li> <li>Hedgerow habitat creation</li> <li>Main utility works</li> <li>Existing public right of way (PRoW)</li> <li>New, diverted or realigned PRoW</li> </ul>		<ul style="list-style-type: none"> <li>Stopped-up PRoW</li> <li>Tunnels external extent</li> <li>Rail alignment</li> <li>HS2 Access road</li> <li>Noise fence barrier</li> <li>Chainage (e.g. 10+000)</li> </ul>		<b>Map Number</b> <b>S17-OP-106-L2</b> <b>Map Name</b> <b>Operational Phase</b> <b>Sch 17 Planning Context Report Plan</b> <b>Planning Authority Area</b> Solihull Metropolitan Borough		<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791888          Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6QA.</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250          Metres</p> <p>© Crown copyright and database rights 2017.          Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: G224-HS2-TP-DPL-040-206306 P00.1 Date:</p>	
--	--	---	--	---	--	--	--	--	--	---	--	---	--



## Annex 1 – Signposting

Document	Link
High Speed Rail (London – West Midlands) Act 2017	<a href="http://www.legislation.gov.uk/ukpga/2017/7/contents/enacted">http://www.legislation.gov.uk/ukpga/2017/7/contents/enacted</a>
Schedule 17 Fee Regulations	<a href="http://www.legislation.gov.uk/uksi/2017/223/contents/made">http://www.legislation.gov.uk/uksi/2017/223/contents/made</a>
Schedule 17 Appeal Regulations	<a href="http://www.legislation.gov.uk/uksi/2017/227/contents/made">http://www.legislation.gov.uk/uksi/2017/227/contents/made</a>
High Speed Rail (London – West Midlands) Environmental Minimum Requirements	<a href="https://www.gov.uk/government/publications/environmental-minimum-requirements">https://www.gov.uk/government/publications/environmental-minimum-requirements</a>
	<a href="https://www.gov.uk/government/publications/high-speed-rail-london-west-midlands-bill-register-of-undertakings-and-assurances">https://www.gov.uk/government/publications/high-speed-rail-london-west-midlands-bill-register-of-undertakings-and-assurances</a>
Schedule 17 Statutory Guidance	<a href="https://www.gov.uk/government/publications/high-speed-rail-london-to-west-midlands-act-2017-schedule-17-statutory-guidance">https://www.gov.uk/government/publications/high-speed-rail-london-to-west-midlands-act-2017-schedule-17-statutory-guidance</a>
Phase One Information Papers	<a href="https://www.gov.uk/government/collections/high-speed-rail-london-west-midlands-bill#information-papers">https://www.gov.uk/government/collections/high-speed-rail-london-west-midlands-bill#information-papers</a>
Phase One – Planning Forum Notes	<a href="https://www.gov.uk/government/publications/planning-forum-notes">https://www.gov.uk/government/publications/planning-forum-notes</a>
Phase One Environmental Statement	<a href="https://www.gov.uk/government/collections/hs2-phase-one-environmental-statement-documents">https://www.gov.uk/government/collections/hs2-phase-one-environmental-statement-documents</a>
	<a href="https://www.gov.uk/government/collections/additional-provision-september-2014">https://www.gov.uk/government/collections/additional-provision-september-2014</a>
	<a href="https://www.gov.uk/government/collections/supplementary-environmental-statement-and-additional-provision-2-july-2015">https://www.gov.uk/government/collections/supplementary-environmental-statement-and-additional-provision-2-july-2015</a>
	<a href="https://www.gov.uk/government/collections/supplementary-environmental-statement-2-and-additional-provision-3-september-2015">https://www.gov.uk/government/collections/supplementary-environmental-statement-2-and-additional-provision-3-september-2015</a>
	<a href="https://www.gov.uk/government/collections/supplementary-environmental-statement-3-and-additional-provision-4-october-2015">https://www.gov.uk/government/collections/supplementary-environmental-statement-3-and-additional-provision-4-october-2015</a>
	<a href="https://www.gov.uk/government/collections/supplementary-environmental-statement-4-and-additional-provision-5-december-2015">https://www.gov.uk/government/collections/supplementary-environmental-statement-4-and-additional-provision-5-december-2015</a>



