

HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

Volume 2 | Map books - Part 6 of 6

CFA 23 Balsall Common and Hampton-in-Arden

CFA 24 Birmingham Interchange and Chelmsley Wood

CFA 25 Castle Bromwich and Bromford

CFA 26 Washwood Heath to Curzon Street

September 2014
ES 3.2.6

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Department
for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

A report prepared for High Speed Two (HS2) Limited:

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| Map series name | CT-05 – Construction Phase | CT-06 – Proposed Scheme | LV-01 – Photomontages | LV-03 – Construction Phase Significantly Affected Viewpoints | LV-04 – Operational Phase Significantly Affected Viewpoints | SV-05 – Operational Airborne Noise and Vibration Impacts and Likely Significant Effects |
|--|---|---|--|---|--|---|
| Map series description | <i>These maps show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The maps also show the construction phase arrangements for public access using Public Rights of Way. The base mapping is reflective of 2013 Ordnance Survey (OS) data.</i> | <i>These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme. The base mapping is reflective of 2013 Ordnance Survey (OS) data.</i> | <i>Photomontages illustrating the Proposed Scheme during construction and operation.</i> | <i>Maps showing the viewpoint locations from which the Proposed Scheme has been assessed to give rise to significant effects during the construction phase.</i> | <i>Maps showing the viewpoint locations from which the Proposed Scheme has been assessed to give rise to significant effects during the operational phase.</i> | <i>SV-05 presents the direct operational noise impacts and likely significant effects of the scheme. The SV-05 figure series contains a large amount of information relating to the operational noise and vibration assessment. It is designed to communicate visually the assessment process from the prediction of impacts to the determination of likely residual significant effects. The corresponding text is included in Vol2.</i> |
| Community Forum Area name | | | | | | |
| CFA 23 – Balsall Common and Hampton-in-Arden | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| CFA 24 – Birmingham Interchange and Chelmsley Wood | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| CFA 25 – Castle Bromwich and Bromford | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| CFA 26 – Washwood Heath to Curzon Street | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |

Mapping explanatory notes

Copyright statements

Copyright statements are presented in the Data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

Ordnance Survey data

All maps produced as part of the London-West Midlands Additional Provision Environmental Statement (AP ES) contain Ordnance Survey (OS) data. HS2 Ltd use the most up to date mapping available, where possible, supplied by the OS and as such, we cannot be held responsible for any inaccuracies within this data.

As part of our licence conditions, all digital maps carry a watermark.

Chainage

Most of the maps presented as part of the AP ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XX+YYY. E.g. 77+000 or 158+500.

Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres. E.g. 77+000 refers to the point, 77,000m, or 77km, from Euston Station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000 scale chainage is shown at 5km intervals. For maps at 1:25,000 scale chainage is shown at 2km intervals. For maps at 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing different map sets showing the different environmental themes or engineering plans, due to map sets having different scales and therefore showing differing amounts of alignment on the map.

Map sheet layout

Each map in volume 2 is presented twice, with the main ES map on the left hand page and the AP map on the right. For the CT-05 and CT-06 map series, the AP map is annotated with a red cloud which highlights the area of change. A red outlined text box provides a brief description of the AP, and gives the AP reference number. Only maps which have been amended as a result of the AP are included within the map books.

Each volume 5 map is annotated to describe the change to a receptor or significant effect, and to give the AP reference number. For more detailed information about the AP annotation, refer to the map series legend. Only maps which have been amended as a result of the AP are included within the map book.

Map orientation

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the right hand side of the page, and the West Midlands to the left.

The exception to this, are map series LV-03 and LV-04, which present the alignment running from bottom to top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and the West Midlands to the top.

Map books

In total there are seven map books which make up the AP ES, spread across volumes 2 and 5. A list of the titles is provided below for reference.

| Volume number | Title |
|---------------------------------|---|
| Volume 2 Map book – Part 1 of 6 | CFA 07 Colne Valley CFA 09 Central Chilterns CFA 10 Dunsmore, Wendover and Halton |
| Volume 2 Map book – Part 2 of 6 | CFA 11 Stoke Mandeville and Aylesbury |
| Volume 2 Map book – Part 3 of 6 | CFA 12 Waddesdon and Quainton CFA 13 Calvert, Steeple Claydon, Twyford and Chetwode CFA 14 Newton Purcell to Brackley CFA 15 Greatworth to Lower Boddington |
| Volume 2 Map book – Part 4 of 6 | CFA 16 Ladbroke and Southam CFA 17 Offchurch and Cubbington CFA 18 Stoneleigh, Kenilworth and Burton Green |
| Volume 2 Map book – Part 5 of 6 | CFA 19 Coleshill Junction CFA 20 Curdworth to Middleton CFA 21 Drayton Bassett, Hints and Weeford CFA 22 Whittington to Handsacre |
| Volume 2 Map book – Part 6 of 6 | CFA 23 Balsall Common and Hampton-in-Arden CFA 24 Birmingham Interchange and Chelmsley Wood CFA 25 Castle Bromwich and Bromford CFA 26 Washwood Heath to Curzon Street |
| Volume 5 Map Book | Environmental topics |



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HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

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Data dictionary and definitions

September 2014

Data dictionary and definitions

| Legend features | Definition | Source | Copyright |
|--|--|---------------------------|--|
| Balancing pond | The proposed location and extent of balancing ponds for drainage attenuation and infiltration. Outer boundary represents the perimeter. | High Speed Two (HS2) Ltd | |
| Chainage | <p>Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres. E.g. 77+000 refers to the point, 77,000m, or 77km, from Euston Station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000 scale chainage is shown at 5km intervals. For maps at 1:25,000 scale chainage is shown at 2km intervals. For maps at 1:10,000, 1:5,000 and 1:2,500 scale chainage is shown at 1km intervals.</p> <p>Chainage has been included on the maps as a useful tool for comparing different map sets showing the different environmental themes or engineering plans, due to map sets having different scales and therefore showing differing amounts of alignment on the map.</p> | High Speed Two (HS2) Ltd | |
| Community forum boundary | The Environmental Statement has been split into 26 sections called Community Forum Areas. | High Speed Two (HS2) Ltd | © Crown Copyright and database rights 2014 Ordnance Survey Licence Number 100049190. |
| Construction traffic route | Public highways which may be used for HGV construction traffic. | High Speed Two (HS2) Ltd | |
| County boundary | County boundaries from Ordnance Survey boundary mapping. | Ordnance Survey | © Crown Copyright and database rights 2014 Ordnance Survey Licence Number 100049190. |
| Depot, station, headhouse or portal building | Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures. | High Speed Two (HS2) Ltd | |
| District/Borough boundary | Ordnance Survey local authority boundary mapping. | Ordnance Survey | © Crown Copyright and database rights 2014 Ordnance Survey Licence Number 100049190. |
| Ditches – new | The proposed location and extent of drainage ditches. | High Speed Two (HS2) Ltd | |
| Ecological mitigation pond | Ponds whose primary function is to provide ecological mitigation. This could be a standalone pond or part of a wider wetland habitat creation plan. | High Speed Two (HS2) Ltd | |
| Electricity substation | Includes all auto-transformers and feeder stations. | High Speed Two (HS2) Ltd | |
| Engineering earthworks | Engineering (structural) earthworks which include railway slopes and crossings (roads etc.). | High Speed Two (HS2) Ltd | |
| Existing public right of way (PRoW) | See Public Rights of Way. | See Public Rights of Way. | See Public Rights of Way. |
| Existing watercourse | See Watercourse. | See Watercourse. | See Watercourse. |
| Grassed areas | Any other area grassed not included in landscaped earthworks or ecological habitat. | High Speed Two (HS2) Ltd | |
| Grassland habitat creation | Soft landscape design that can include any seeded areas for the purpose of creating grassland except for the engineering earthworks. | High Speed Two (HS2) Ltd | |
| Hedgerow habitat creation | Ecological mitigation to provide new hedgerow planting, connectivity enhancements to existing areas and areas for ecological management. This level does not include screening planting for visual mitigation purposes. | High Speed Two (HS2) Ltd | |

| Legend features | Definition | Source | Copyright |
|--|--|--|---|
| HS2 Access road | Access road to HS2 infrastructure such as electricity substations, balancing ponds and maintenance access points to the railway. | High Speed Two (HS2) Ltd | |
| Land drainage area | Provision of land to attenuate or infiltrate overland flows at or beyond the HS2 railway boundaries; for example, where existing land drainage systems are altered by the HS2 works, where the existing landform is reshaped by landscape earthworks or where surface water from third party land is intercepted by the HS2 perimeter drainage system. | High Speed Two (HS2) Ltd | |
| Land potentially required during construction | Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works. | High Speed Two (HS2) Ltd | |
| Landscape earthworks | Landscape earthworks to provide permanent landscape, visual or acoustic mitigation. | High Speed Two (HS2) Ltd | |
| Landscape mitigation planting (scrub / woodland) | Screening planting, using woodland, for visual mitigation and landscape integration purposes. | High Speed Two (HS2) Ltd | |
| Main construction compound | Main Construction Compounds in which main contractors offices and welfare facilities will be located. | High Speed Two (HS2) Ltd | |
| Main utility works | Represents all new major utility installations (included in the hybrid Bill) and also modifications to existing utilities required to construct the scheme. Includes water, electricity, telecommunications and gas. | High Speed Two (HS2) Ltd | |
| New, diverted or realigned PRoW | New, realigned or diverted Public Rights of Way (PRoW). | High Speed Two (HS2) Ltd | |
| Noise fence barrier | Denotes fence-style barriers provided as part of the noise mitigation measures. Note that other noise barriers have also been included in the form of landscaping and engineering cuttings - see the SV map series for more detail on noise mitigation. | High Speed Two (HS2) Ltd | |
| Public realm | Specifically provided to show areas to be used for public realm. This layer is mainly associated with station sites and is to be used to indicate general areas for designed soft and hard landscaping. | High Speed Two (HS2) Ltd | |
| Public Rights of Way | <p>Public rights of way are highways which can be used for the following purposes:</p> <ul style="list-style-type: none"> - Footpaths - pedestrians only - Bridleways - pedestrians, cyclists and equestrians - Restricted byways - as bridleways plus non-motorised vehicles - Byways open to all traffic. <p>Definitive Map data supplied by surveying authorities (i.e. county councils, London Boroughs and metropolitan borough councils in the West Midlands).</p> | <p>Buckinghamshire County Council Birmingham City Council Coventry City Council City of Westminster Hertfordshire County Council London Borough of Brent London Borough of Camden London Borough of Ealing London Borough of Hammersmith & Fulham London Borough of Hillingdon Northamptonshire County Council Oxfordshire County Council Royal Borough of Kensington & Chelsea Solihull Metropolitan Borough Council Staffordshire County Council</p> | <p>© Crown Copyright and database rights 2014 Ordnance Survey Licence Number 100049190.</p> <p>This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Buckinghamshire County Council Licence No. 100021529, 2012. Copyright Buckinghamshire County Council.</p> <p>© Copyright Coventry City Council</p> <p>© Northamptonshire County Council</p> |

| Legend features | Definition | Source | Copyright |
|---|--|-----------------------------|--|
| | | Warwickshire County Council | |
| Rail alignment | Longitudinal geometry of the tracks consisting of a series of straights and curves. | High Speed Two (HS2) Ltd | |
| Rail alignment formation | The space required to accommodate the railway infrastructure which typically includes the tracks, overhead line equipment, drainage, lineside access paths and cable routes for electrification and communication systems. | High Speed Two (HS2) Ltd | |
| Replacement floodplain storage | Provision of storage to replace floodplain occupied by the Proposed Scheme. Equivalent storage is provided for events up to the 1 in 100 (1%) annual probability event with an allowance for climate change. | High Speed Two (HS2) Ltd | |
| Returned to suitable development use | Post construction land will be reinstated to enable potential future development. | High Speed Two (HS2) Ltd | |
| Route in tunnel Route on surface | Represents the proposed route of HS2, split into route on surface and tunnelled sections. | High Speed Two (HS2) Ltd | |
| Satellite construction compound | Represents satellite construction compounds which serve local works for major construction elements within a main contract. | High Speed Two (HS2) Ltd | |
| Stopped-up PRoW | Public rights of way that will be closed due to construction of the scheme. | High Speed Two (HS2) Ltd | |
| Sustainable placement | Sustainable placement: the on-site placement for disposal of surplus excavated material to avoid causing environmental effects (e.g. transport) that would otherwise be associated with the off-site disposal of that material. "On-site" in this context means within the land required for the purposes of the Proposed Scheme and "off-site" means external land (or landfill site) which is not specifically required for the purposes of the Proposed Scheme. | High Speed Two (HS2) Ltd | |
| Temporary highway diversion / realignment | Indicative temporary highway diversion layouts during the construction phase. | High Speed Two (HS2) Ltd | |
| Temporary material stockpile | Represents temporary stockpiling of topsoil, subsoil and other excavated materials to be used for reinstatement purposes, and also stockpile areas for managing movement of excavated materials during construction. | High Speed Two (HS2) Ltd | |
| Temporary PRoW diversion / realignment | Indicative temporary diversions to public rights of way as a result of construction of the scheme. These will vary depending on construction phase and local conditions. | High Speed Two (HS2) Ltd | |
| Tunnel portal | The footprint of a tunnel portal. | High Speed Two (HS2) Ltd | |
| Tunnels external extent | The external excavated extent of each tunnel bore. | High Speed Two (HS2) Ltd | |
| Watercourse | The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales. | Environment Agency | Contains Environment Agency information © Environment Agency and database right. |
| Watercourse diversion | Includes rivers, streams, ditches and other open channels, diversions to these, together with any new culverts required. | High Speed Two (HS2) Ltd | |
| Wetland habitat creation | Ecological mitigation area to provide new wetland habitat creation, enhancements to existing areas and areas for ecological management. This level does not include screening planting for visual mitigation purposes. | High Speed Two (HS2) Ltd | |

| Legend features | Definition | Source | Copyright |
|---------------------------|--|--------------------------|-----------|
| Woodland habitat creation | Ecological mitigation area to provide new woodland planting, connectivity enhancements to existing areas and areas for ecological management. This level does not include screening planting for visual mitigation purposes. | High Speed Two (HS2) Ltd | |



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HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

Volume 2 | CFA23 Balsall Common and Hampton-in-Arden

September 2014



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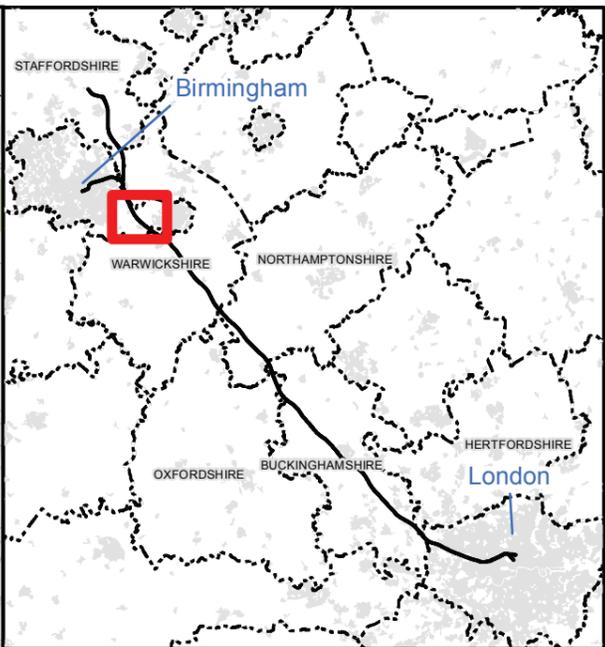
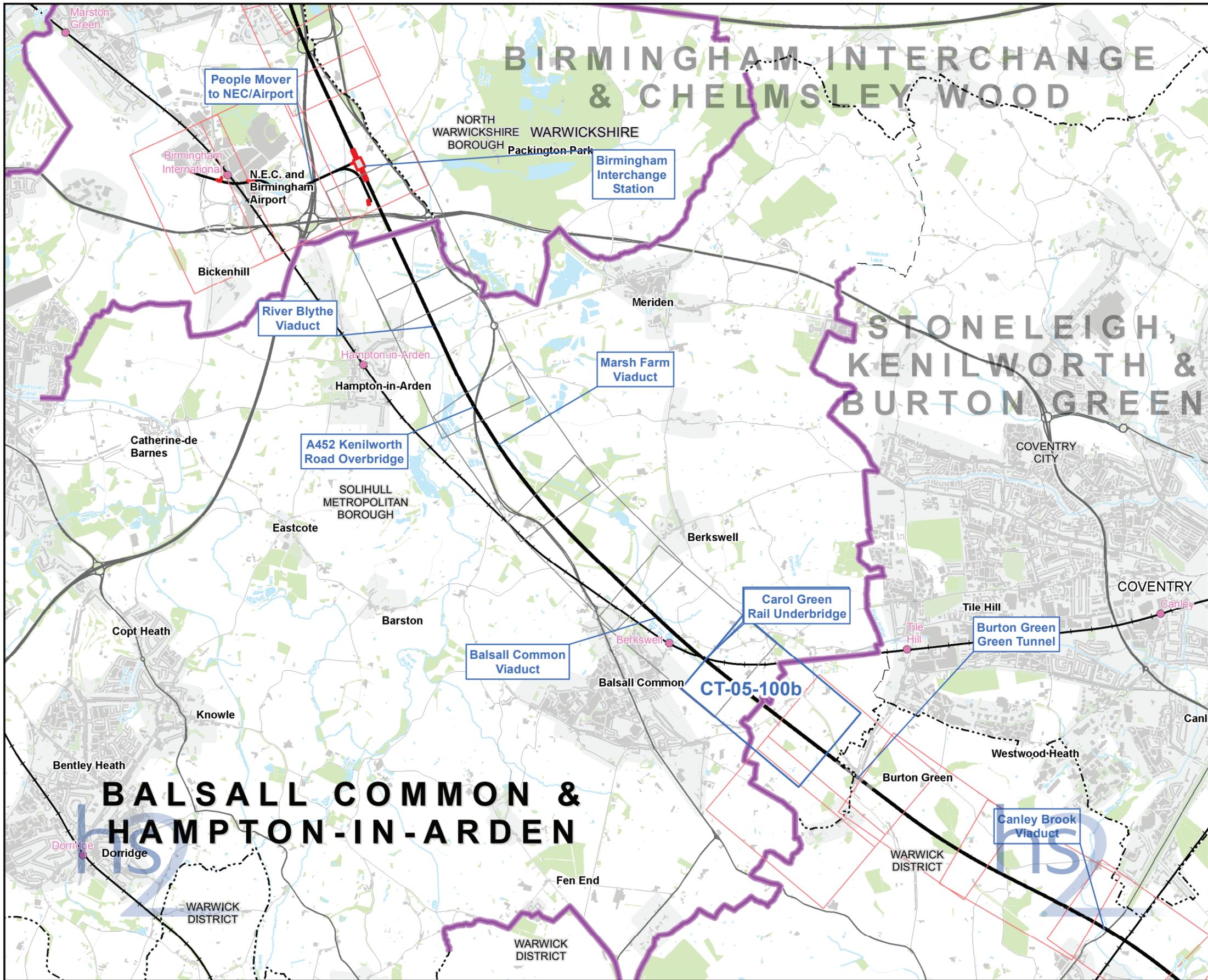
HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

CT-05 - Construction Phase

September 2014

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Map Series Information:

These plans show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The plans also show the construction phase arrangements for public access using Public Rights of Way.

The base mapping shown on the plans is reflective of 2014 Ordnance Survey (OS) data.

| Main Map Legend | |
|--|---|
| Route in tunnel | Map sheets included in this community forum with amendment |
| Route on surface | Map sheets included in this community forum with no amendment |
| Depot, station, headhouse or portal building | Map sheets not included in this community forum |
| Community forum boundary | |
| Existing railway station | |
| County boundary | |
| District/Borough boundary | |

| | |
|------------|--|
| Map Number | CT-05-INDEX-CFA23 |
| Map Name | Index Map of: Construction Phase AP1 Community Forum Area CFA23: Balsall Common & Hampton in Arden |

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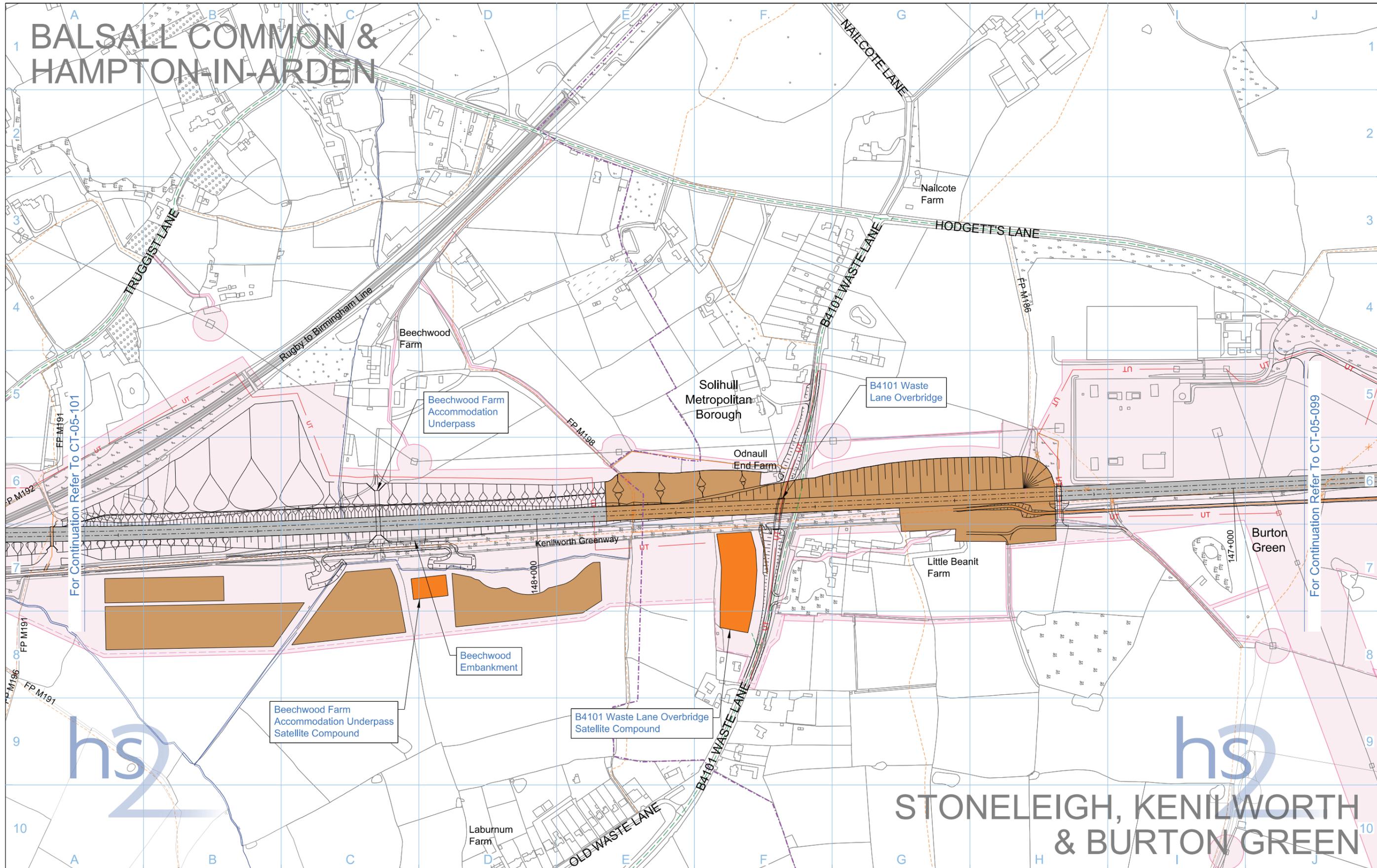
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BALSALL COMMON & HAMPTON-IN-ARDEN



STONELEIGH, KENILWORTH & BURTON GREEN

| 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 |
| | Community forum 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 | CT-05-100b |
| Map Name | Construction Phase |
| Community Forum Area | CFA23 Balsall Common and Hampton in Arden |

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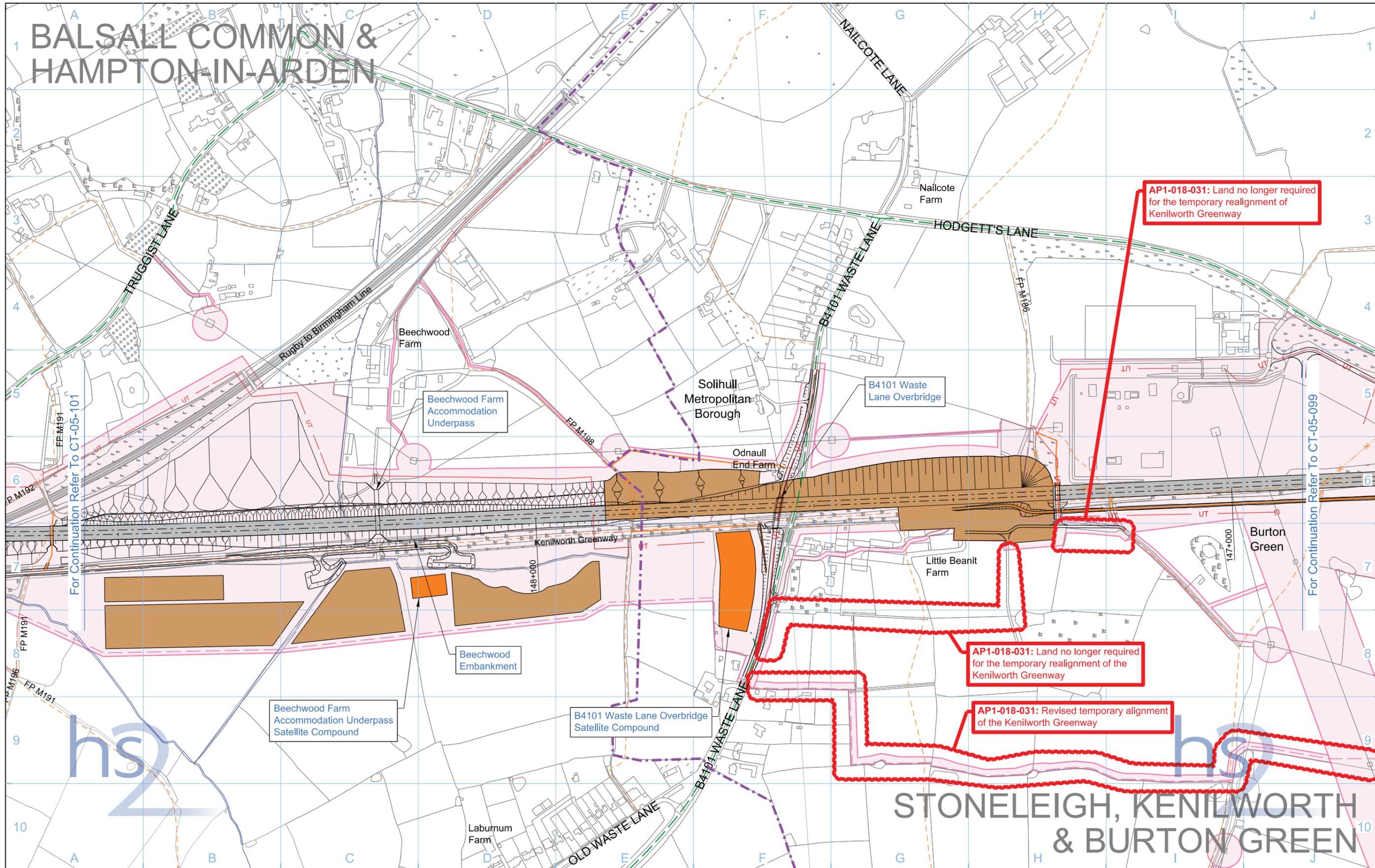
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BALSALL COMMON & HAMPTON-IN-ARDEN



AP1-018-031: Land no longer required for the temporary realignment of Kenilworth Greenway

AP1-018-031: Land no longer required for the temporary realignment of the Kenilworth Greenway

AP1-018-031: Revised temporary alignment of the Kenilworth Greenway

| Legend | |
|--------|---|
| | Rail alignment formation |
| | Depot, station, headhouse or portal building |
| | Tunnel portal |
| | Main construction compound |
| | Satellite construction compound |
| | Temporary material stockpile |
| | Landscape earthworks |
| | Engineering earthworks |
| | County boundary |
| | Borough / District boundary |
| | Land potentially required during construction |
| | Community forum 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 | CT-05-100b |
| Map Name | Construction Phase AP1 |
| Community Forum Area | CFA23 Balsall Common and Hampton in Arden |

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HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

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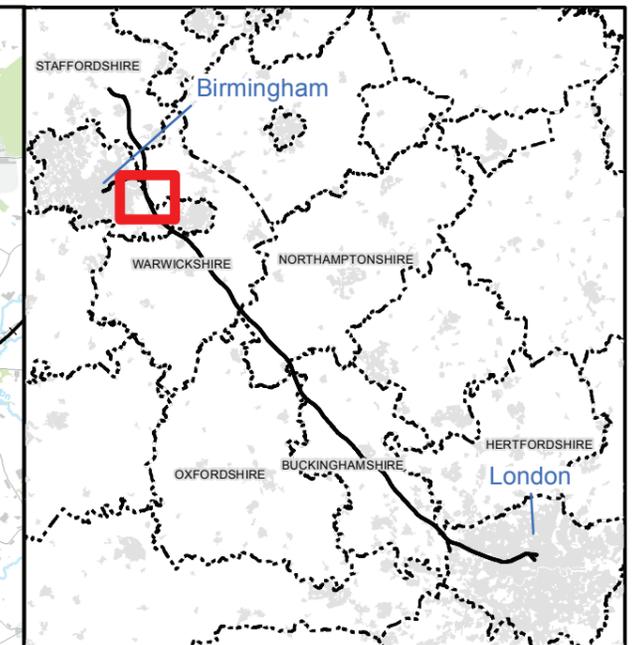
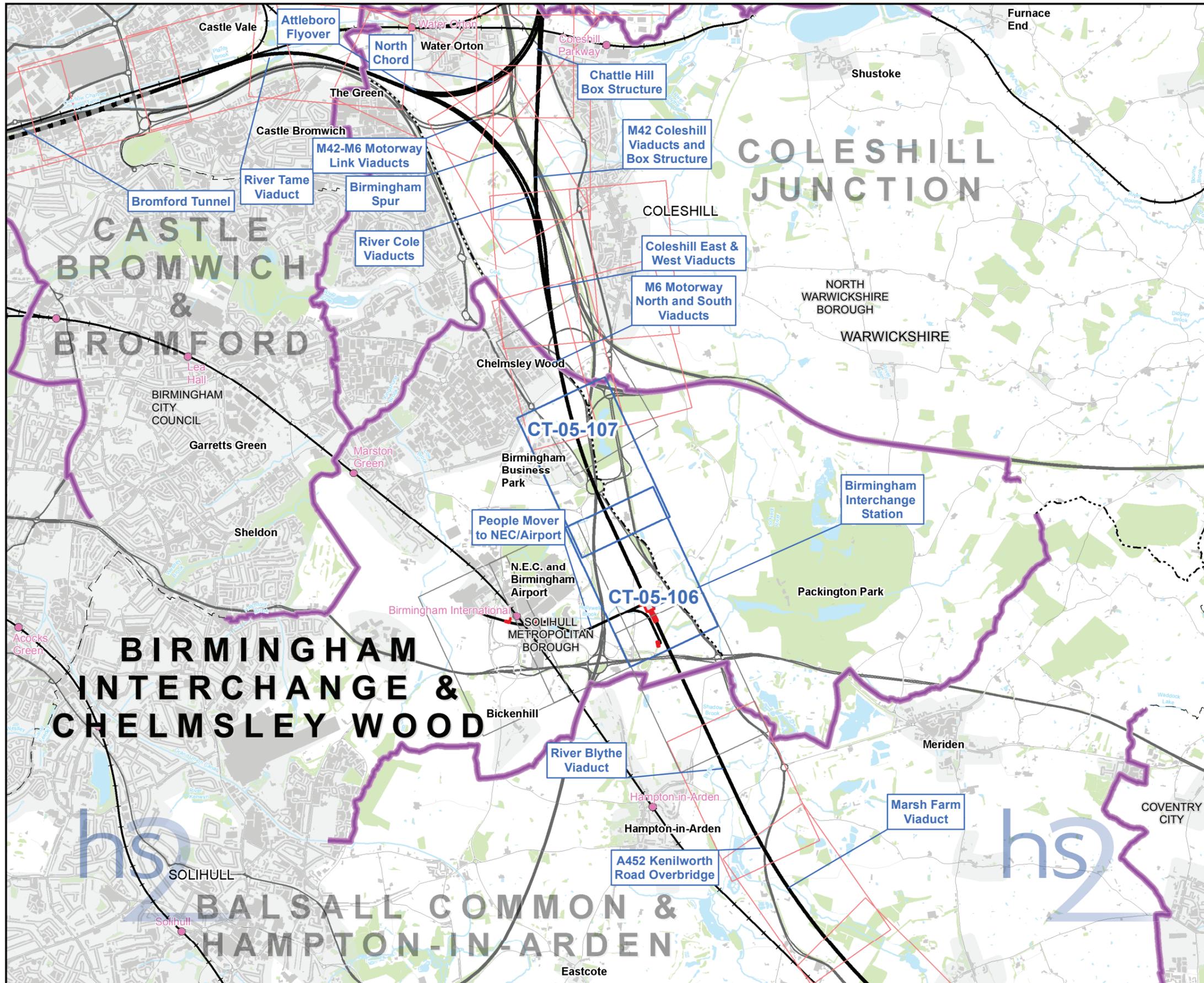
HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

CT-05 - Construction Phase

CT-06 - Proposed Scheme

September 2014



Map Series Information:

These plans show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The plans also show the construction phase arrangements for public access using Public Rights of Way.

The base mapping shown on the plans is reflective of 2014 Ordnance Survey (OS) data.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum with amendment
- Map sheets included in this community forum with no amendment
- Map sheets not included in this community forum

Map Number **CT-05-INDEX-CFA24**

Map Name
**Index Map of:
 Construction Phase
 AP1**
 Community Forum Area CFA24:
 Birmingham Interchange & Chelmsley Wood

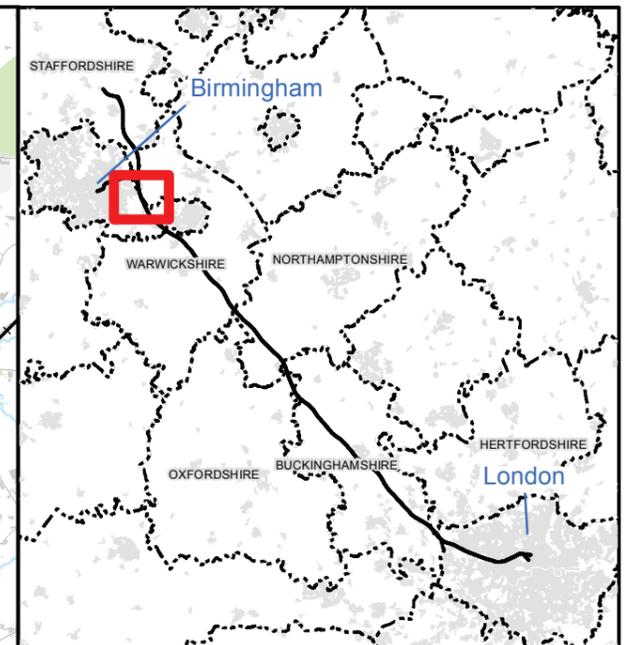
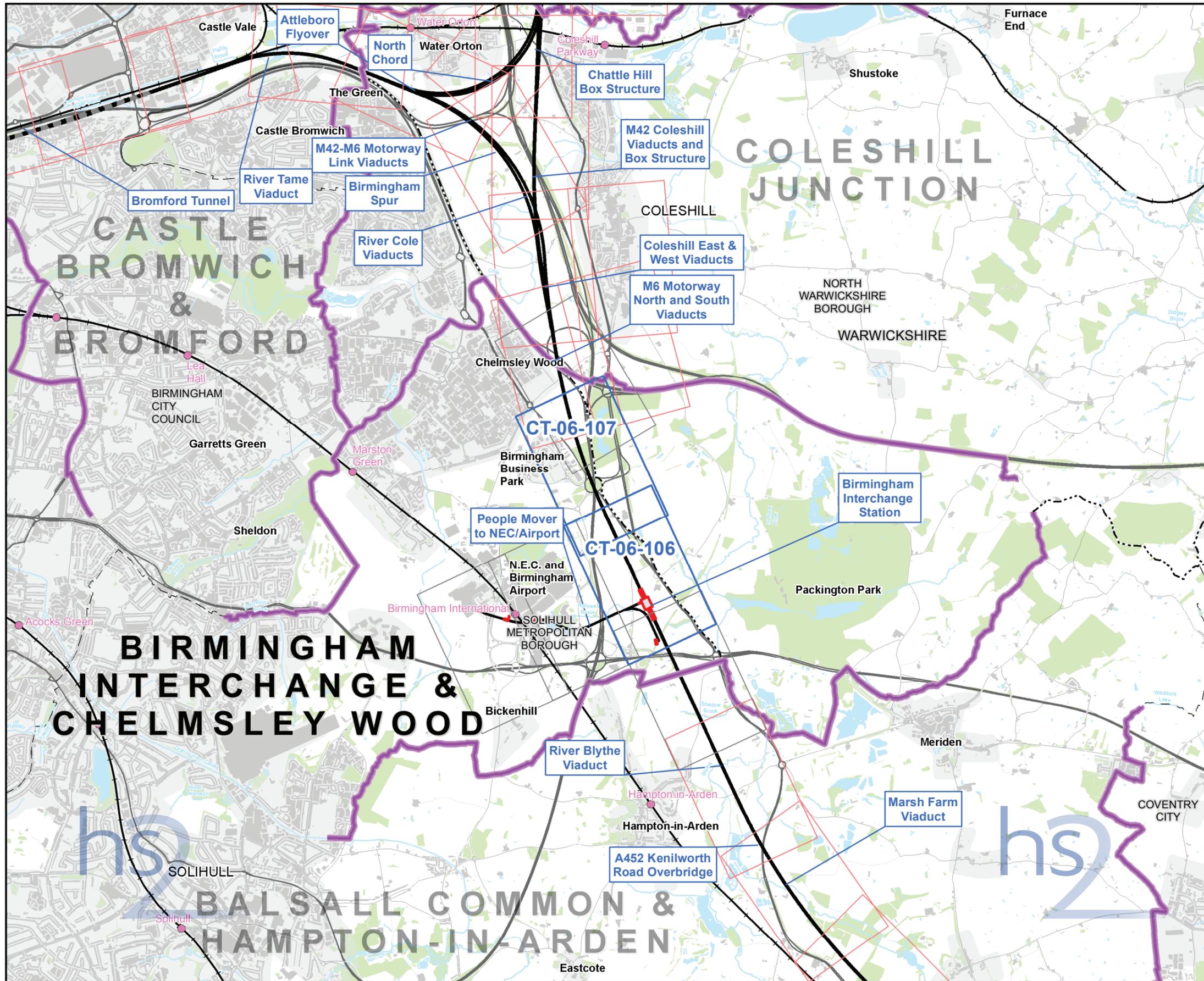
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Map Series Information:

These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme.

The base mapping is reflective of 2014 Ordnance Survey (OS) data.

Main Map Legend

| | |
|--|---|
| Route in tunnel | Map sheets included in this community forum with amendment |
| Route on surface | Map sheets included in this community forum with no amendment |
| Depot, station, headhouse or portal building | Map sheets not included in this community forum |
| Community forum boundary | |
| Existing railway station | |
| County boundary | |
| District/Borough boundary | |

| | |
|------------|---|
| Map Number | CT-06-INDEX-CFA24 |
| Map Name | Index Map of: Proposed Scheme AP1 Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood |

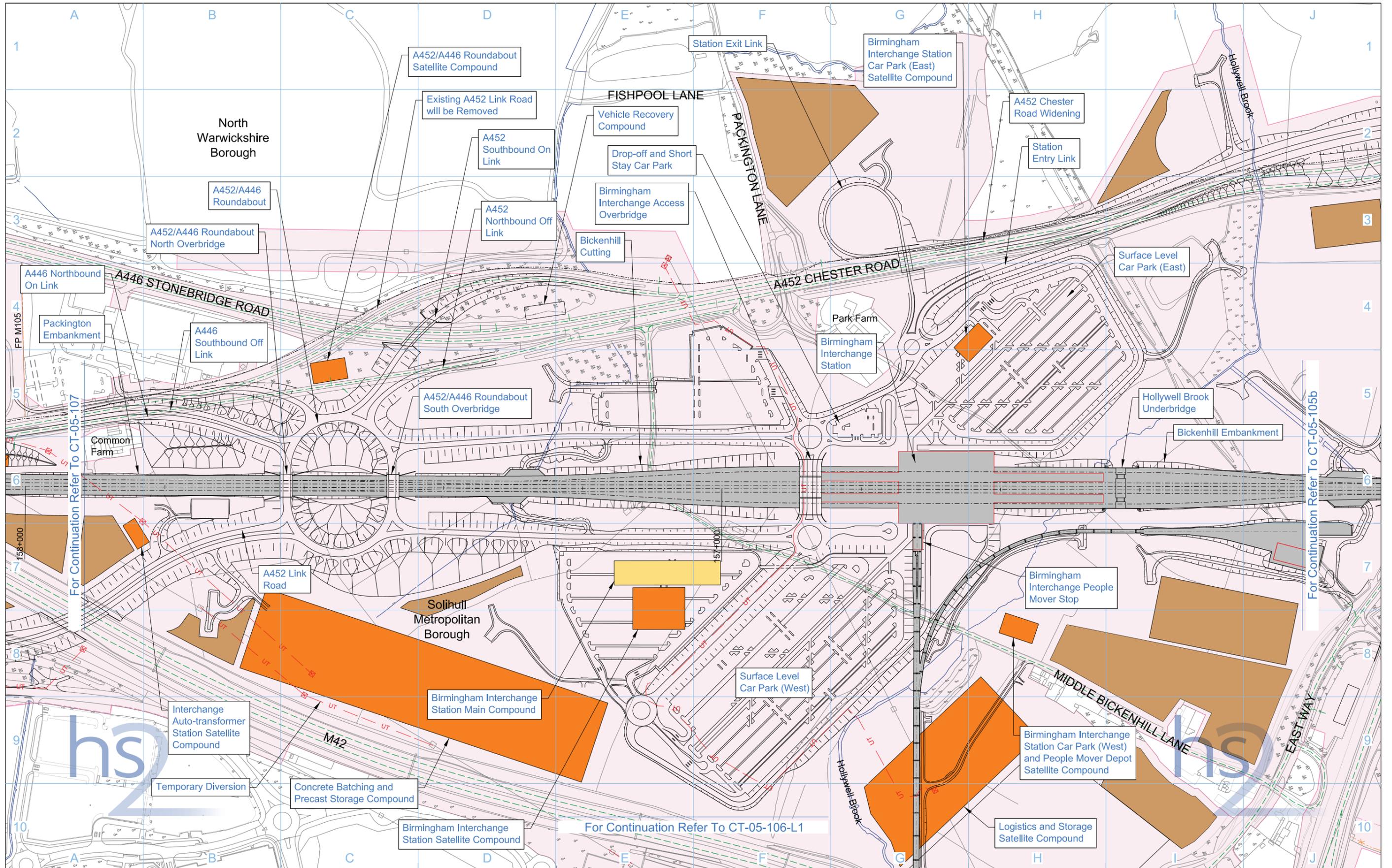
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| Legend | | | |
|--------|---|--|-------------------------------------|
| | Rail alignment formation | | Stopped-up PRoW |
| | Depot, station, headhouse or portal building | | Existing watercourse |
| | Tunnel portal | | Tunnels external extent |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

| | |
|----------------------|--|
| Map Number | CT-05-106 |
| Map Name | Construction Phase |
| Community Forum Area | CFA24 Birmingham Interchange and Chelmsley Wood |

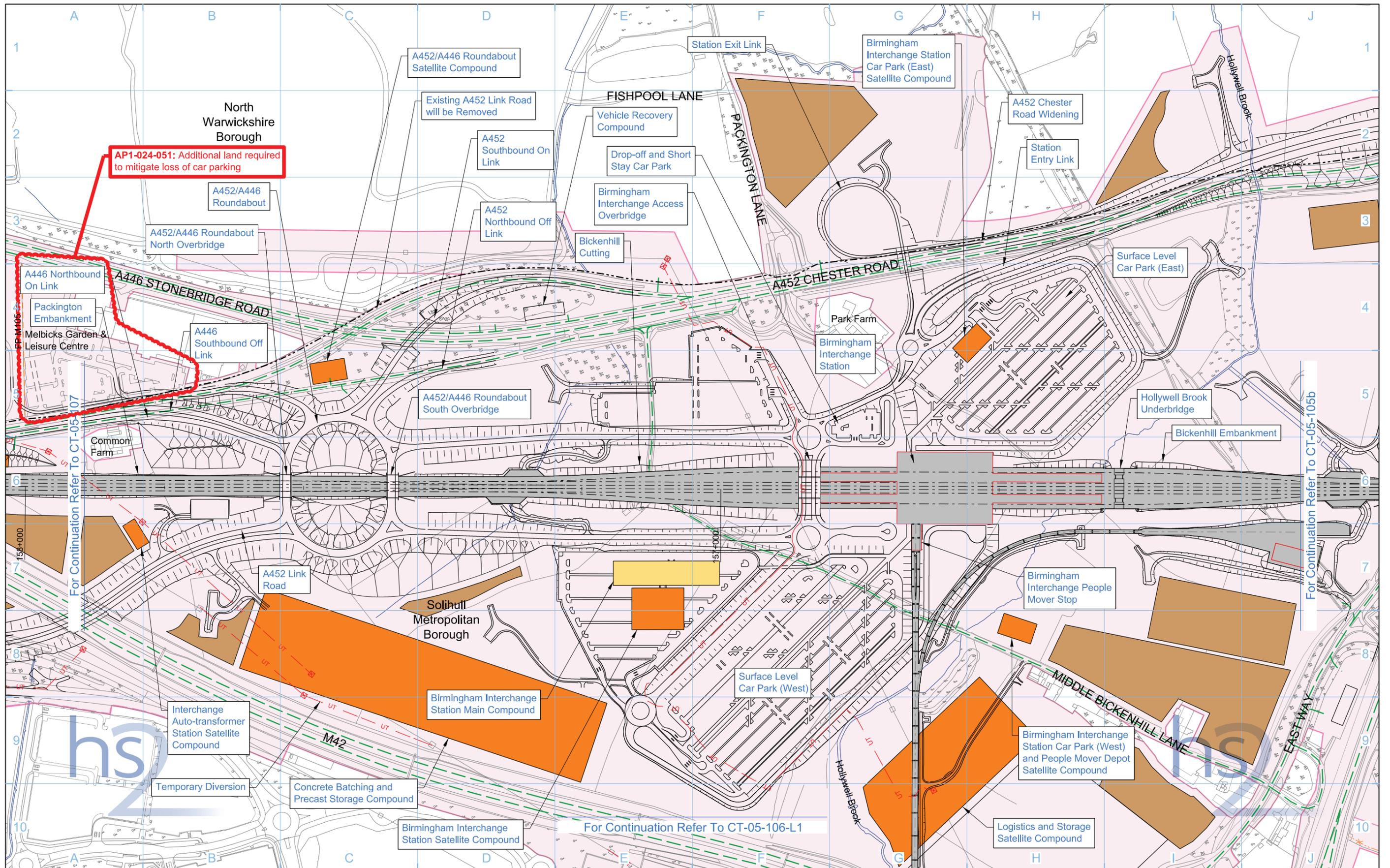
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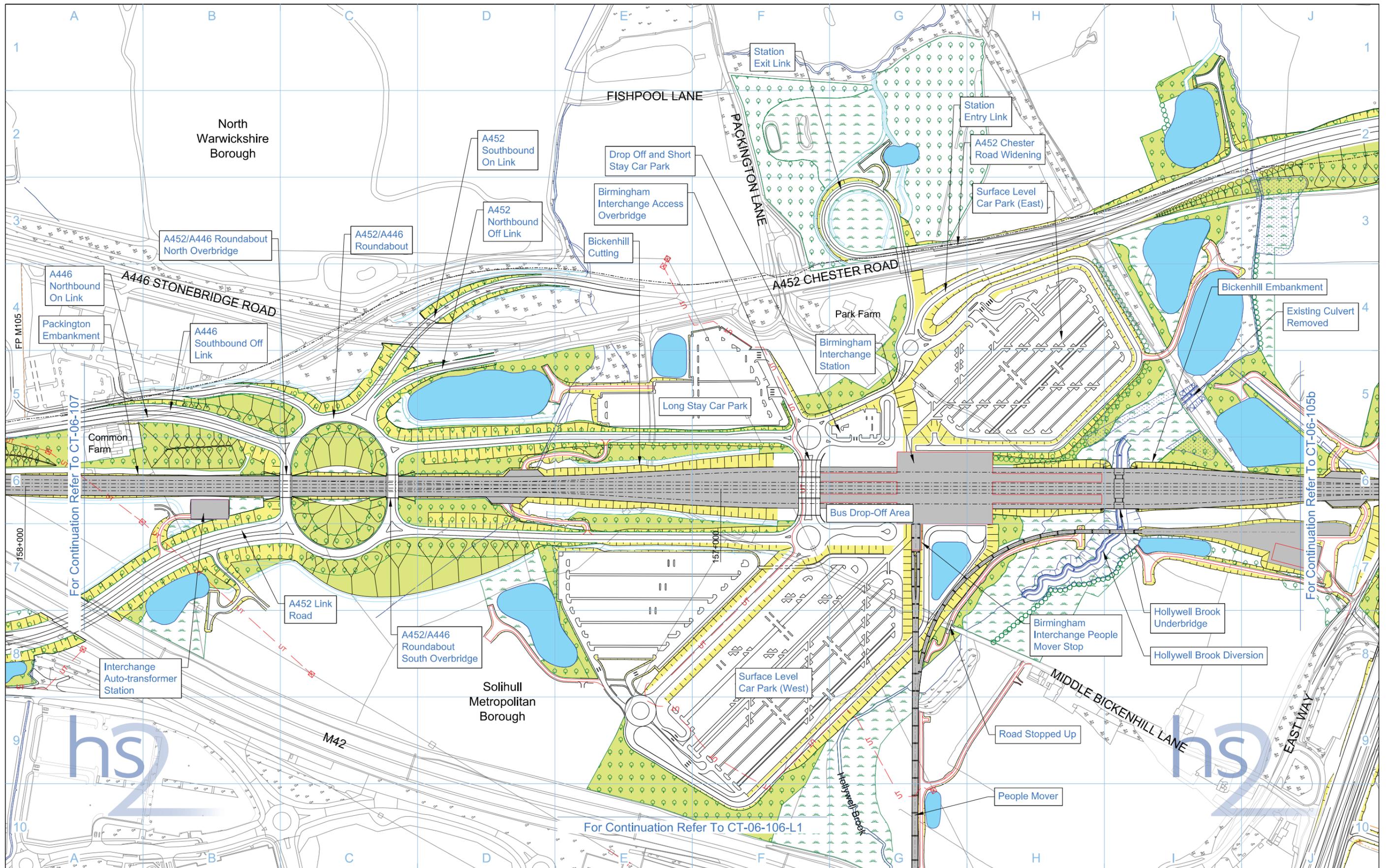
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Doc Number: C224-ARP-EV-DPL-040-205106 **P06** **Date:** 29/10/13

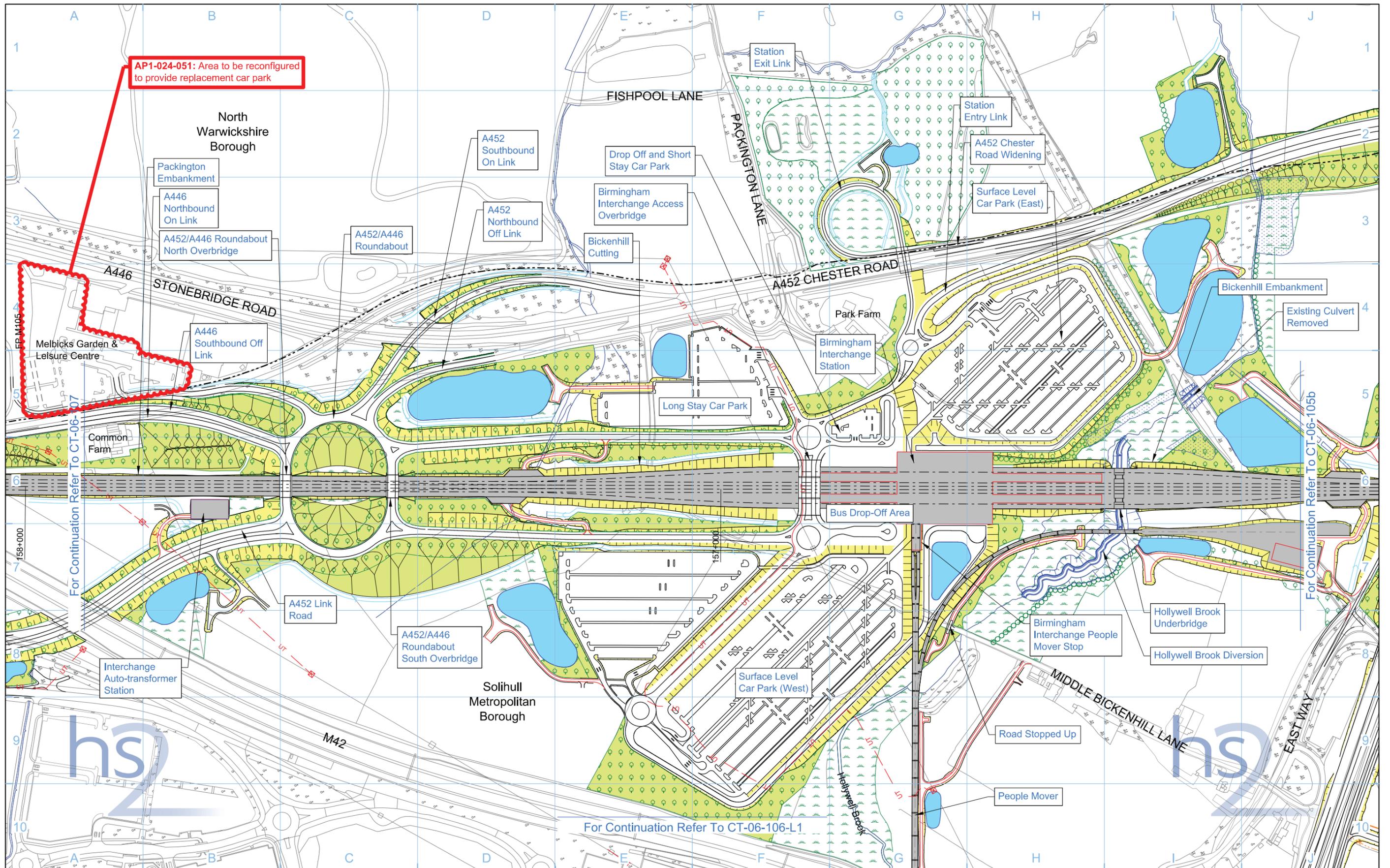


AP1-024-051: Additional land required to mitigate loss of car parking

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|-------------------|--|--|--|--|--|
| Legend | | Map Number CT-05-106 Map Name Construction Phase AP1 Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | | 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 offices: One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205106-AP01 P02 Date: 19/08/14 | |
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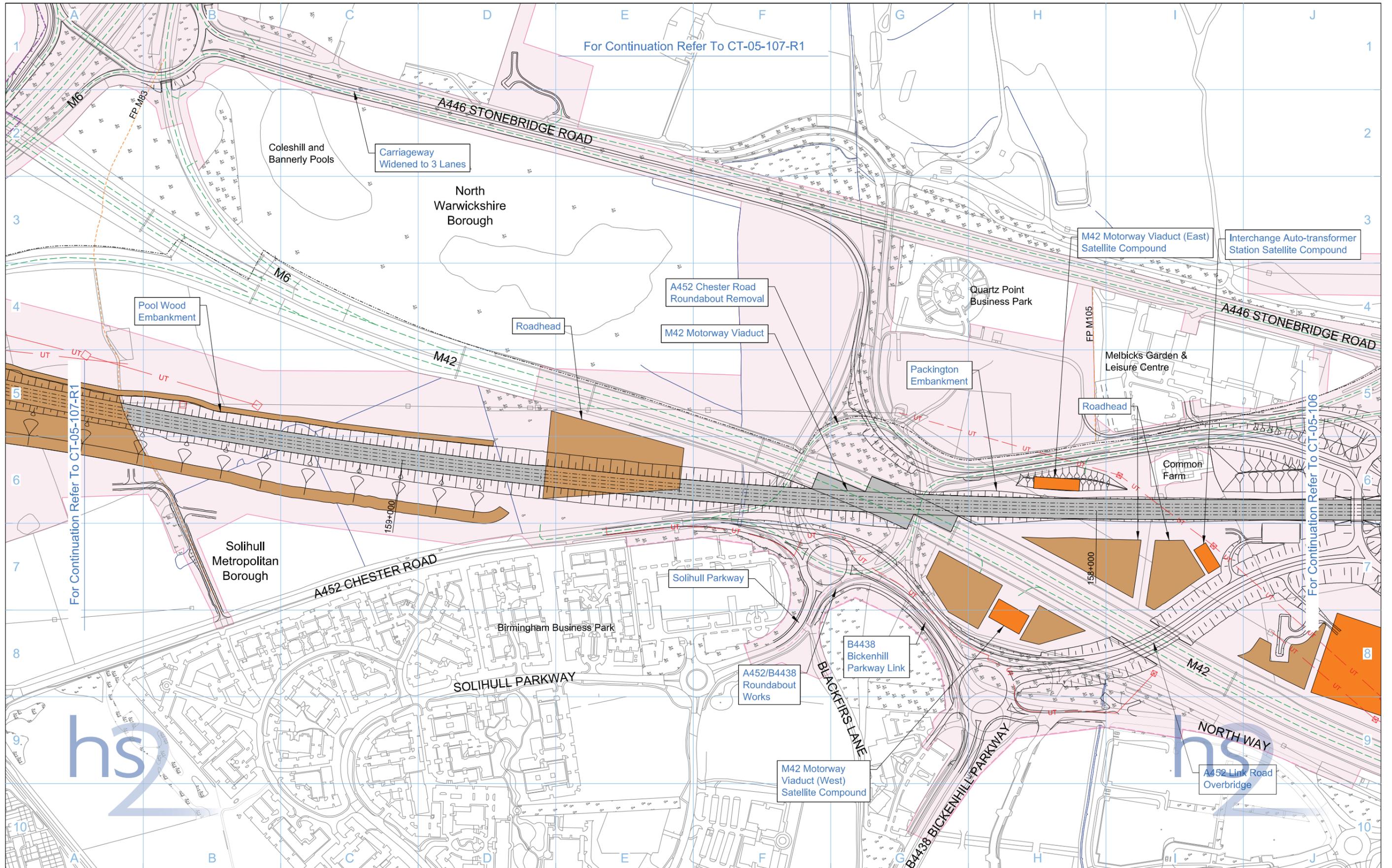


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| Legend | | Map Number CT-06-106 Proposed Scheme Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England, Registration number 06791686 Registered office: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-206106 P06 Date: 29/10/13 |
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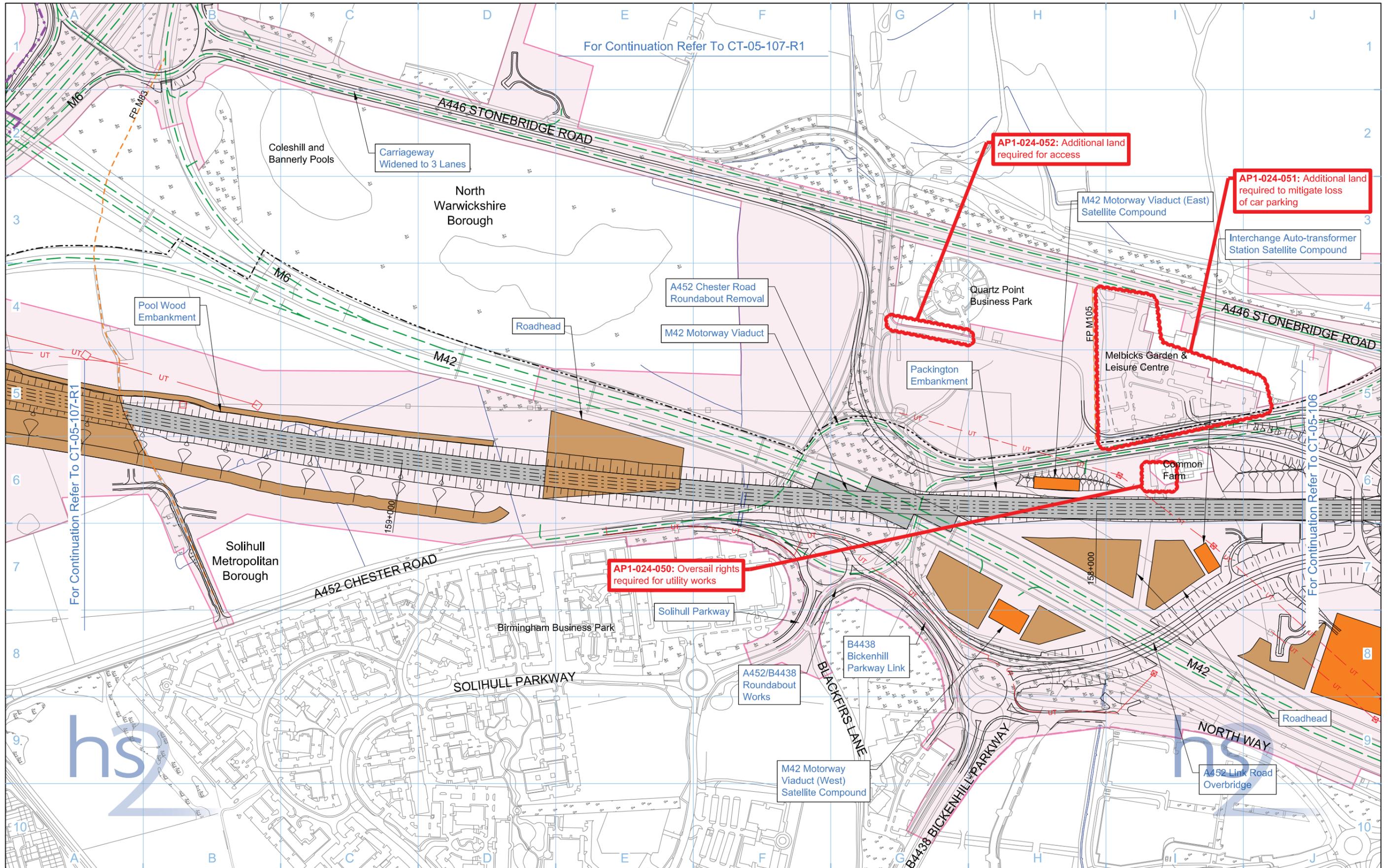


AP1-024-051: Area to be reconfigured to provide replacement car park

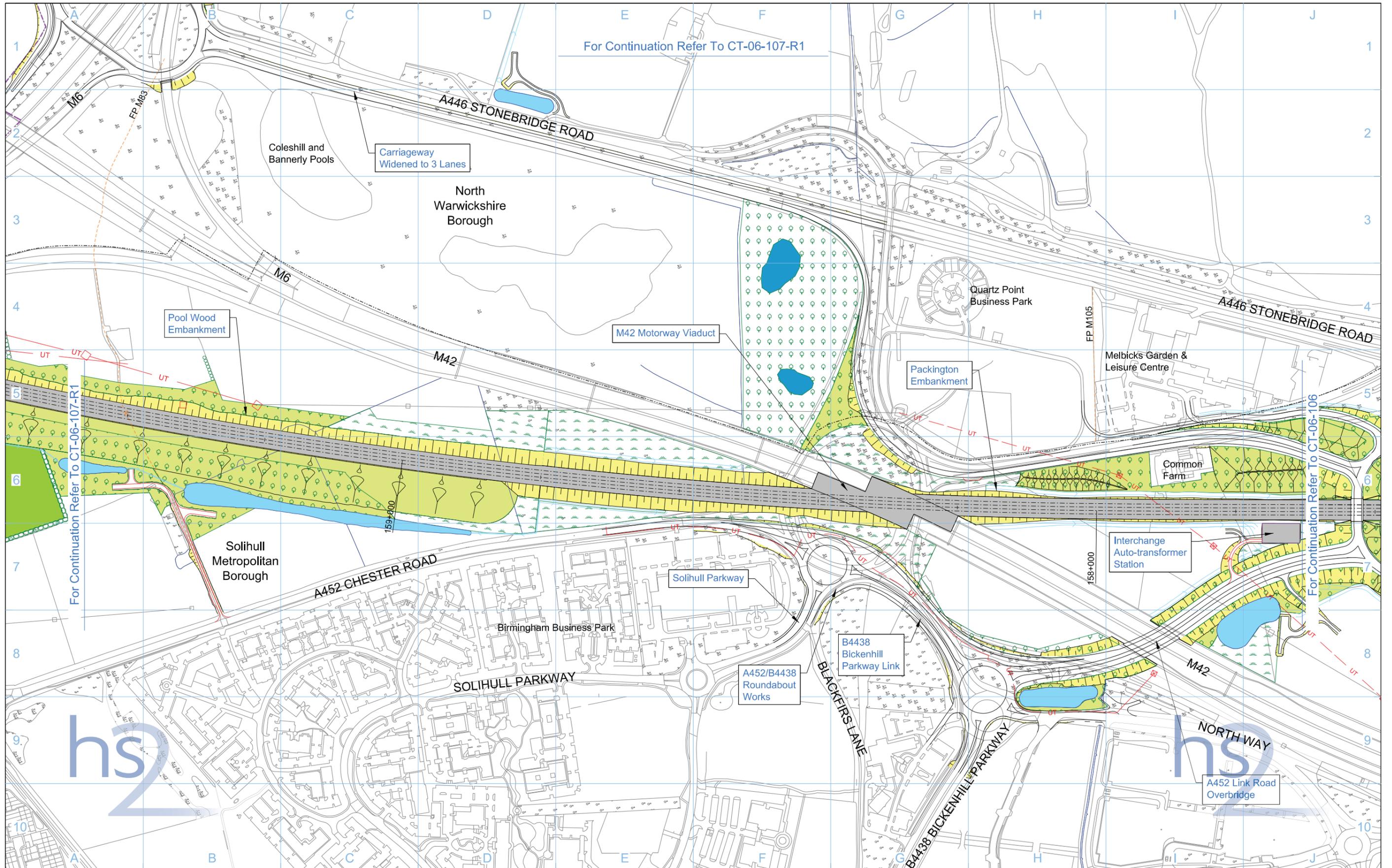
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| Legend | | Map Number CT-06-106 Map Name Proposed Scheme AP1 Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England, Registration number 06791686 Registered offices One Canada Square, London, E14 5AB Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-206106-AP01 P01 Date: 29/07/14 |
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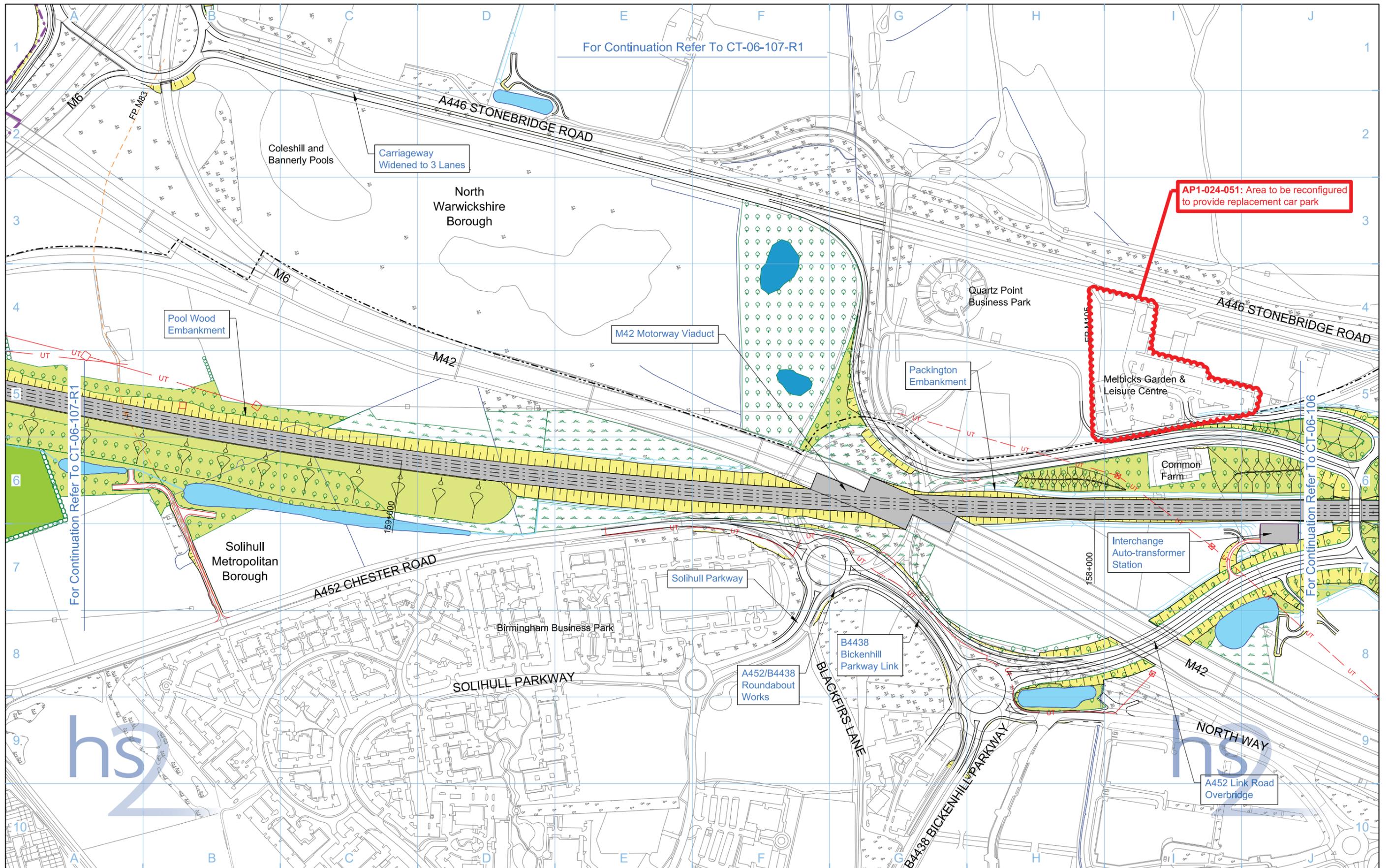
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| Legend | | Map Number CT-05-107 Map Name Construction Phase Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | | HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England, Registration number 06791686 Registered office: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205107 P06 Date: 29/10/13 | |
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| Legend | | Map Number CT-05-107 Map Name Construction Phase AP1 Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | | HST 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 offices: One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205107-AP01 P02 Date: 07/08/14 | |
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| Legend | | Map Number CT-06-107 Map Name Proposed Scheme Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | 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: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-206107 P06 Date: 29/10/13 |
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For Continuation Refer To CT-06-107-R1

AP1-024-051: Area to be reconfigured to provide replacement car park

For Continuation Refer To CT-06-107-R1

For Continuation Refer To CT-06-106

| | | | |
|-------------------|--|---|---|
| Legend | | Map Number CT-06-107 Map Name Proposed Scheme AP1 Community Forum Area CFA24 Birmingham Interchange and Chelmsley Wood | 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 offices One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-206107-AP01 P01 Date: 29/07/14 |
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HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

Volume 2 | CFA25 Castle Bromwich and Bromford

September 2014



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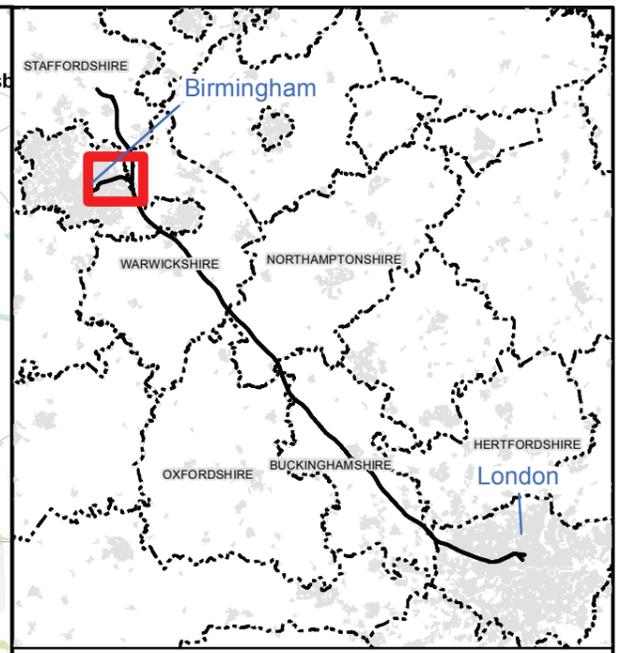
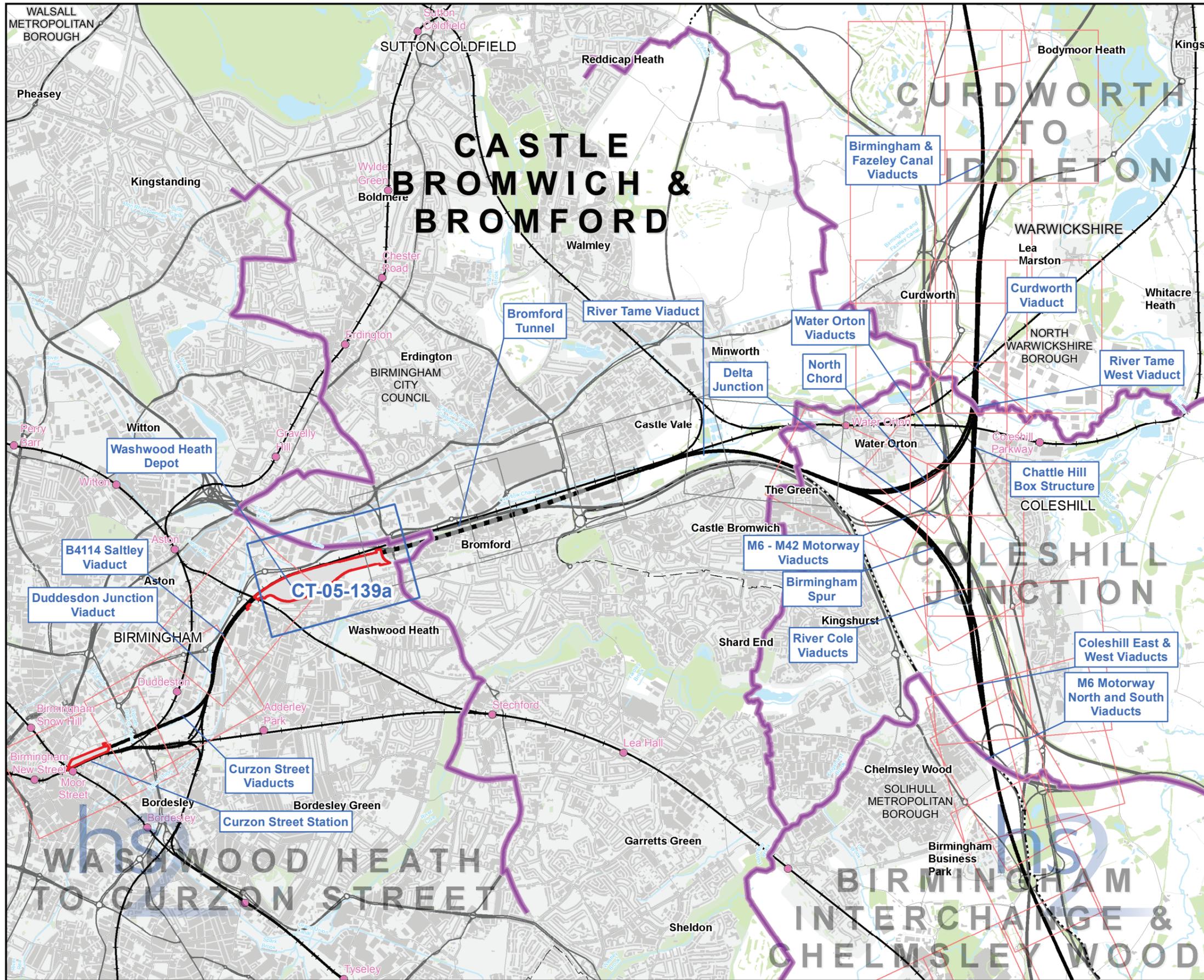
HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

CT-05 - Construction Phase

CT-06 - Proposed Scheme

September 2014



Map Series Information:

These plans show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The plans also show the construction phase arrangements for public access using Public Rights of Way.

The base mapping shown on the plans is reflective of 2014 Ordnance Survey (OS) data.

| Main Map Legend | |
|-----------------|---|
| | Route in tunnel |
| | Route on surface |
| | Depot, station, headhouse or portal building |
| | Community forum boundary |
| | Existing railway station |
| | County boundary |
| | District/Borough boundary |
| | Map sheets included in this community forum with amendment |
| | Map sheets included in this community forum with no amendment |
| | Map sheets not included in this community forum |

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| Map Number | CT-05-INDEX-CFA25 |
| Map Name | Index Map of: Construction Phase AP1 Community Forum Area CFA25: Castle Bromwich & Bromford |

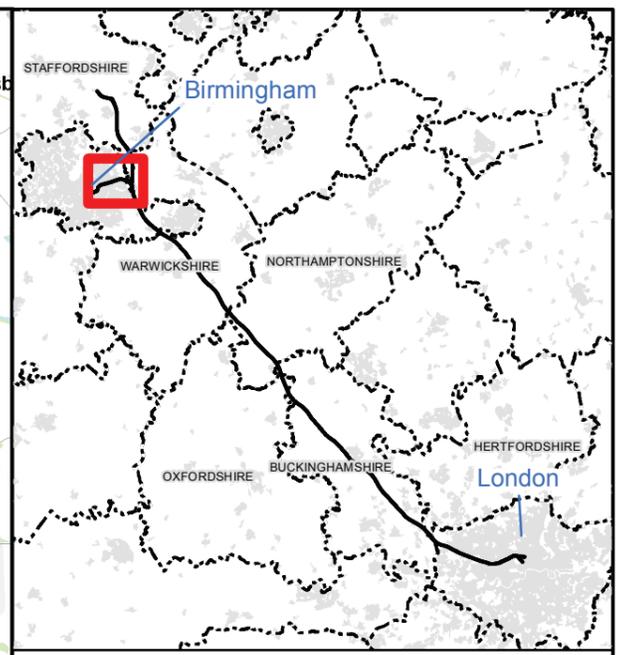
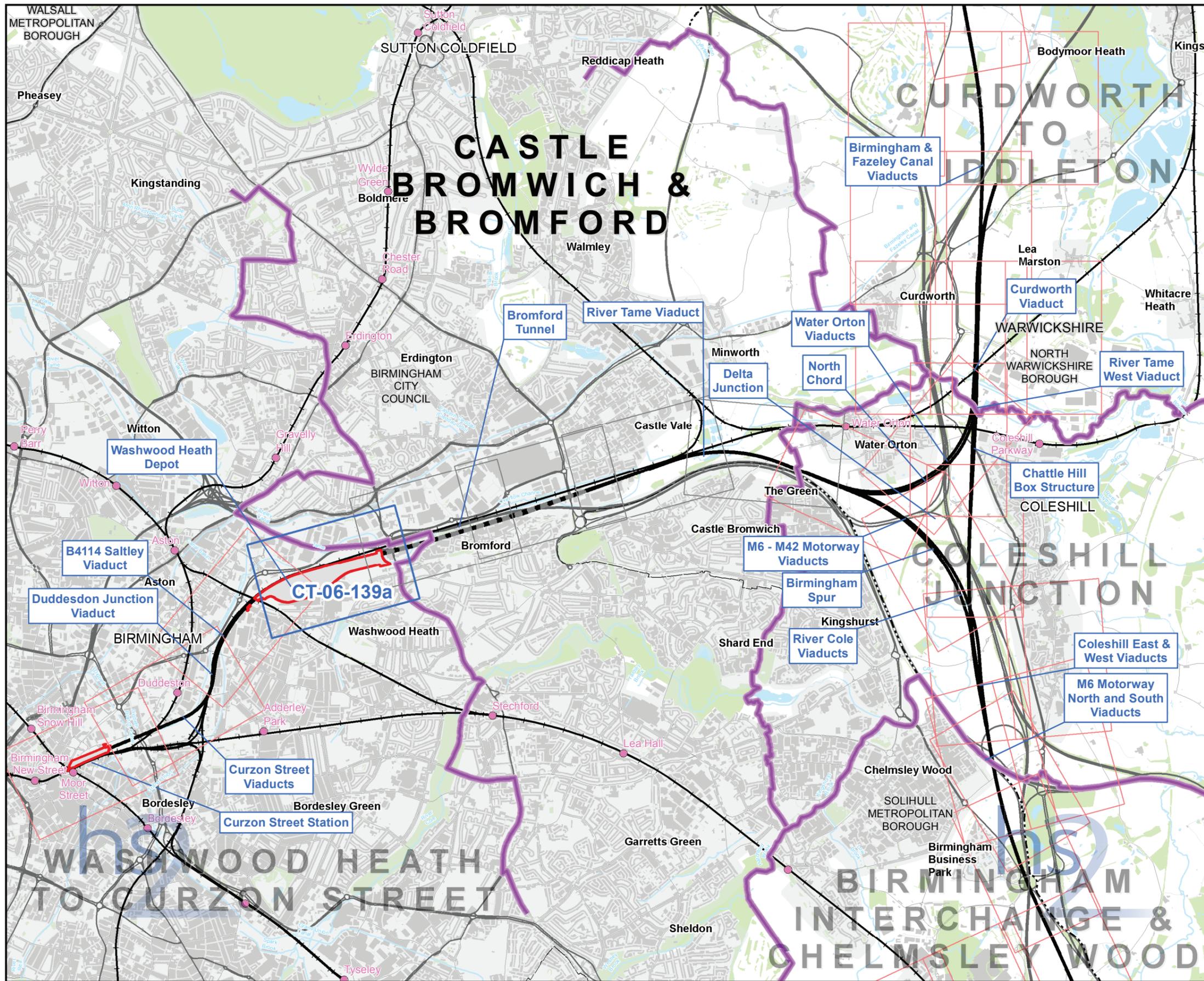
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Map Series Information:

These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme.

The base mapping is reflective of 2014 Ordnance Survey (OS) data.

| Main Map Legend | |
|-----------------|---|
| | Route in tunnel |
| | Route on surface |
| | Depot, station, headhouse or portal building |
| | Community forum boundary |
| | Existing railway station |
| | County boundary |
| | District/Borough boundary |
| | Map sheets included in this community forum with amendment |
| | Map sheets included in this community forum with no amendment |
| | Map sheets not included in this community forum |

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| Map Name | Index Map of: Proposed Scheme AP1 Community Forum Area CFA25: Castle Bromwich & Bromford |

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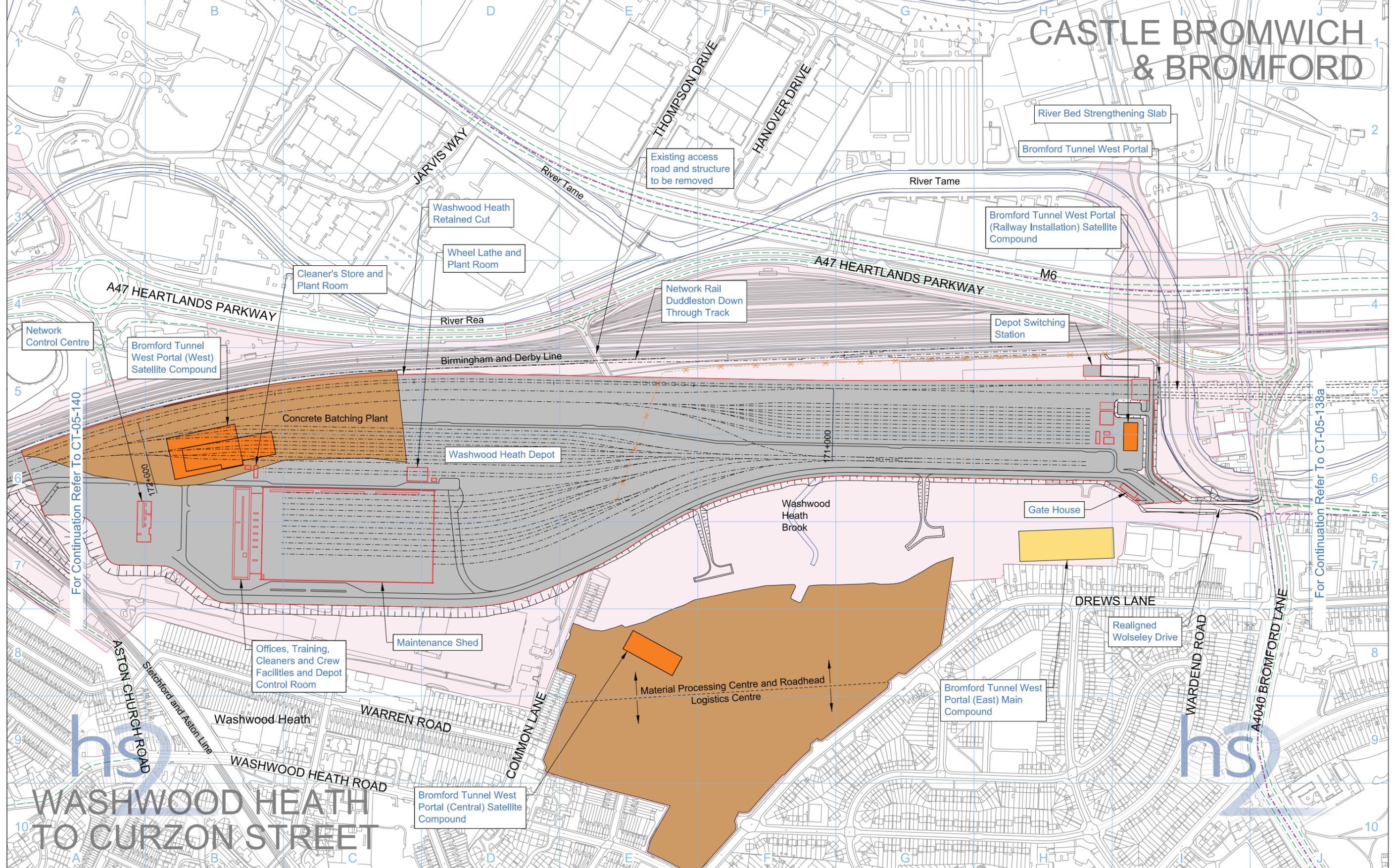
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CASTLE BROMWICH & BROMFORD

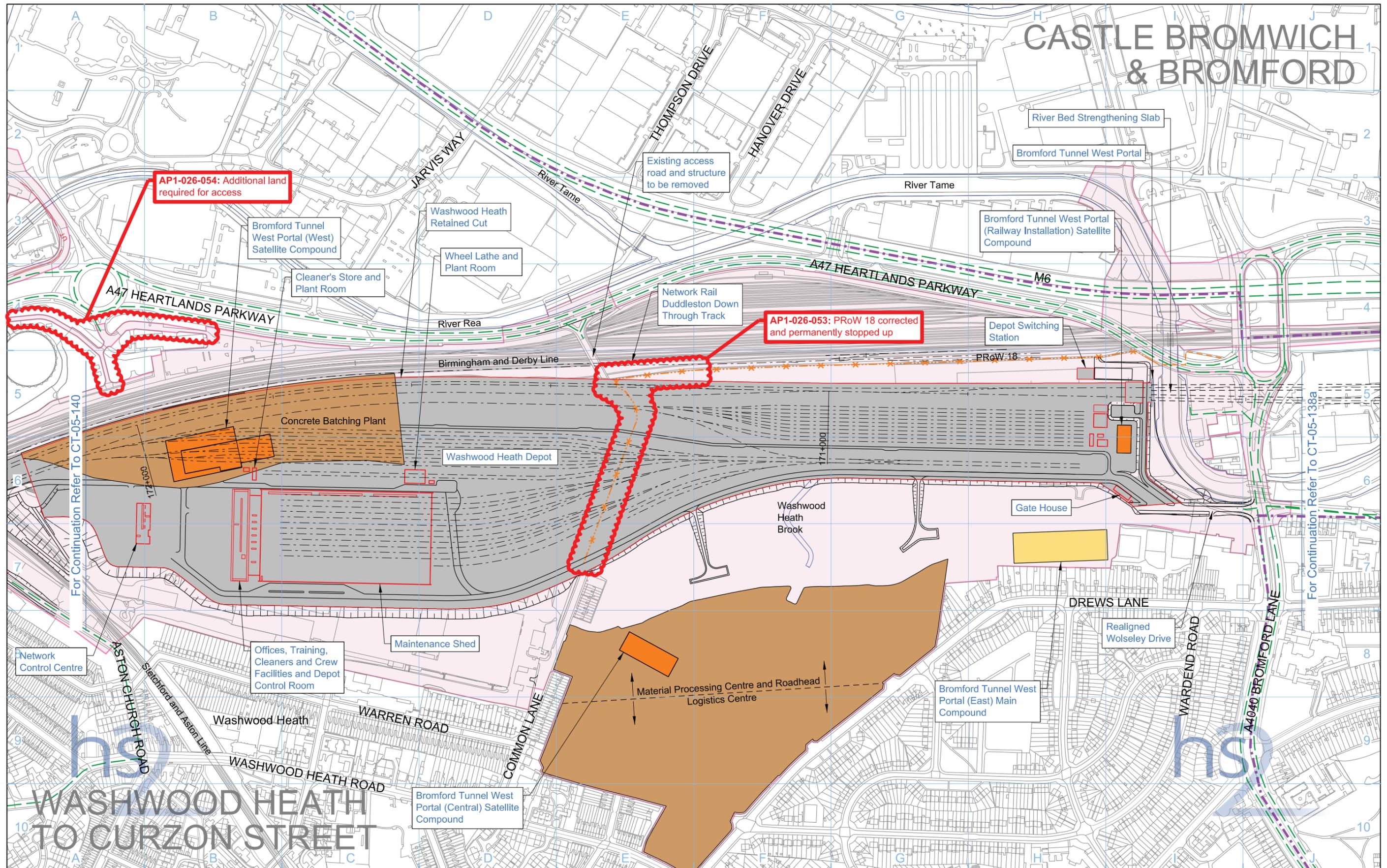


For Continuation Refer To CT-05-140

For Continuation Refer To CT-05-138a

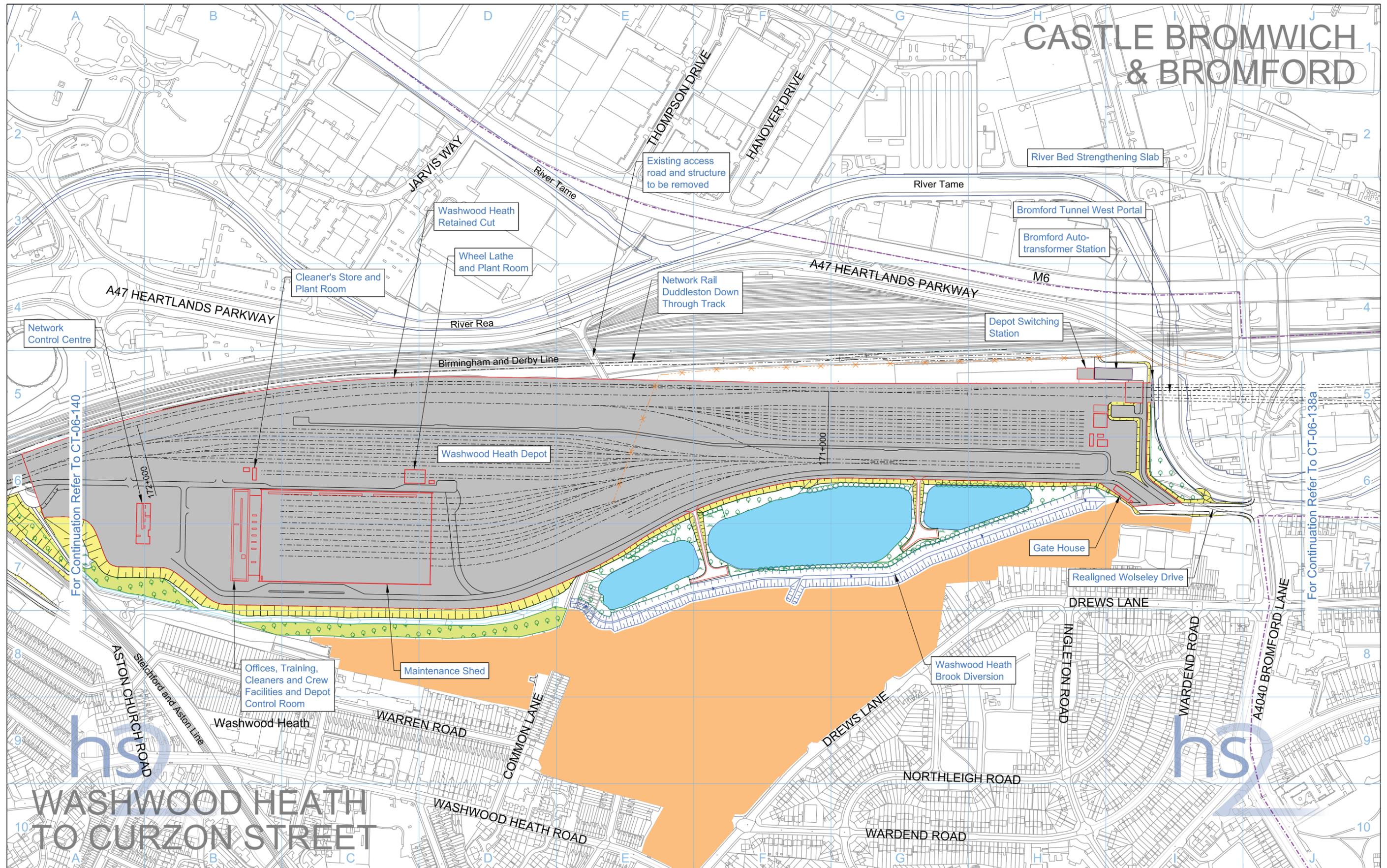
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| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Temporary material stockpile Rail alignment formation Landscape earthworks Engineering earthworks County boundary Borough / District boundary Land potentially required during construction Community forum 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) 10+000 Rail alignment | Map Number CT-05-139a Map Name Construction Phase Community Forum Area CFA25 Castle Bromwich and Bromford | 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: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205039 P06 Date: 29/10/13 |
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|--|--|---|---|
| Legend <ul style="list-style-type: none"> 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 Community forum 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 CT-05-139a Map Name Construction Phase AP1 Community Forum Area CFA25 Castle Bromwich and Bromford | HST 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 offices: One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205039-AP01 P01 Date: 29/07/14 |
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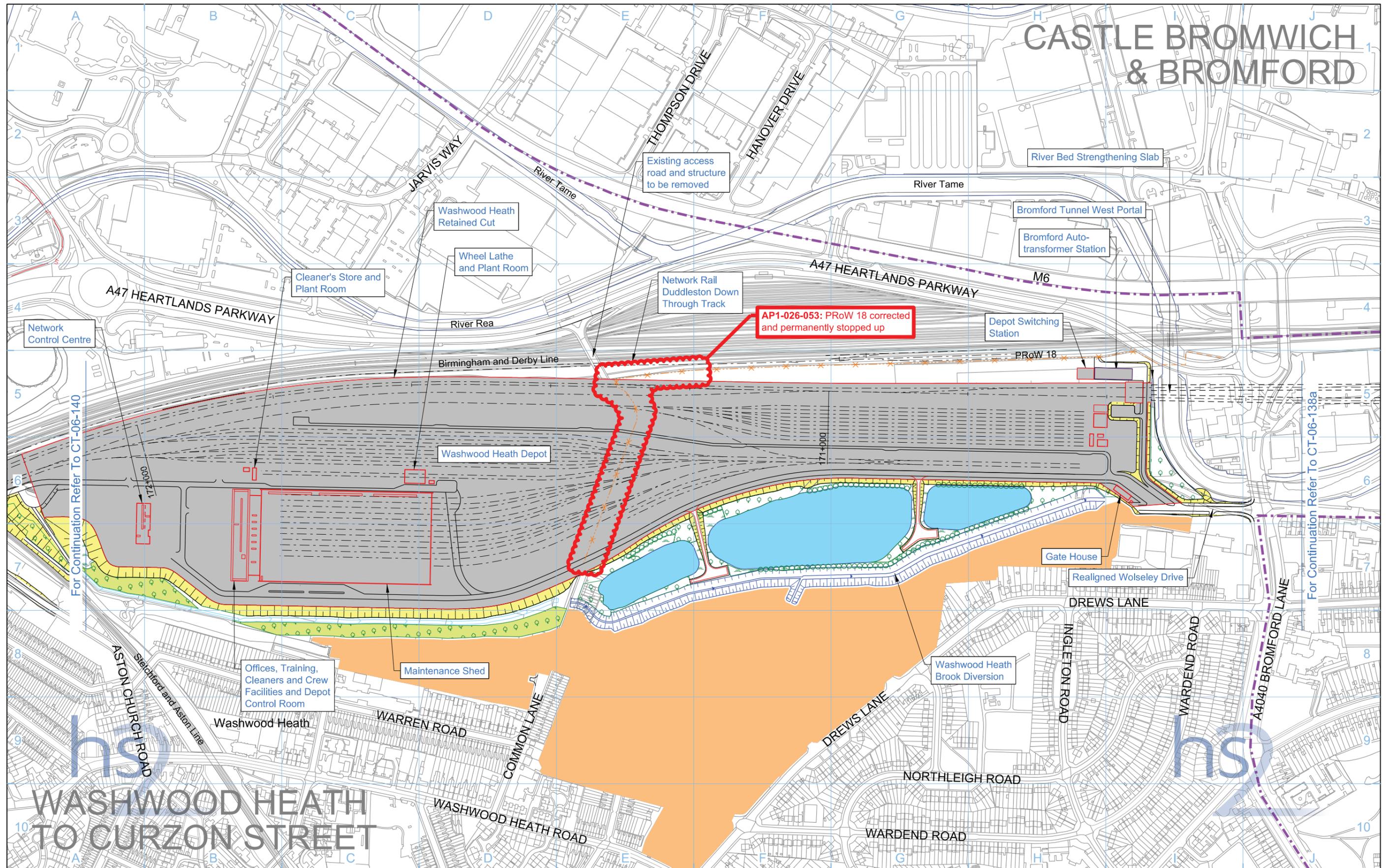
CASTLE BROMWICH & BROMFORD



WASHWOOD HEATH TO CURZON STREET

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| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond | | <ul style="list-style-type: none"> Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement | | <ul style="list-style-type: none"> Public realm Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary | | <ul style="list-style-type: none"> Community forum boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW | | <ul style="list-style-type: none"> Stopped-up PRoW Tunnels external extent Rail alignment HS2 Access road Noise fence barrier Chainage (e.g. 10+000) | | <p>Map Number: CT-06-139a</p> <p>Map Name: Proposed Scheme</p> <p>Community Forum Area: CFA25 Castle Bromwich and Bromford</p> | | <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>Doc Number: C224-ARP-EV-DPL-040-206039 P06 Date: 29/10/13</p> | |
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CASTLE BROMWICH & BROMFORD



WASHWOOD HEATH TO CURZON STREET

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| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond | | <ul style="list-style-type: none"> Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement | | <ul style="list-style-type: none"> Public realm Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary | | <ul style="list-style-type: none"> Community forum boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW | | <ul style="list-style-type: none"> Stopped-up PRoW Tunnels external extent Rail alignment HS2 Access road Noise fence barrier Chainage (e.g. 10+000) | | Map Number CT-06-139a Map Name Proposed Scheme AP1 Community Forum Area CFA25 Castle Bromwich and Bromford | | <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 06791686 Registered office: One Canada Square, London, E14 5AB</p> <p>Scale at A3: 1:5,000</p> <p>© Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C224-ARP-EV-DPL-040-206039-AP01 P01 Date: 29/07/14</p> | |
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HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

Volume 2 | CFA26 Washwood Heath to Curzon Street

September 2014



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HIGH SPEED RAIL (LONDON - WEST MIDLANDS) ADDITIONAL PROVISION

Environmental Statement

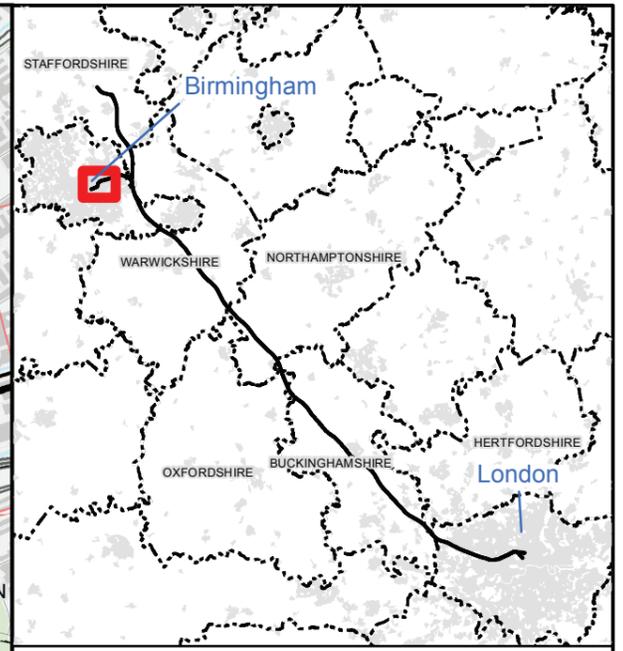
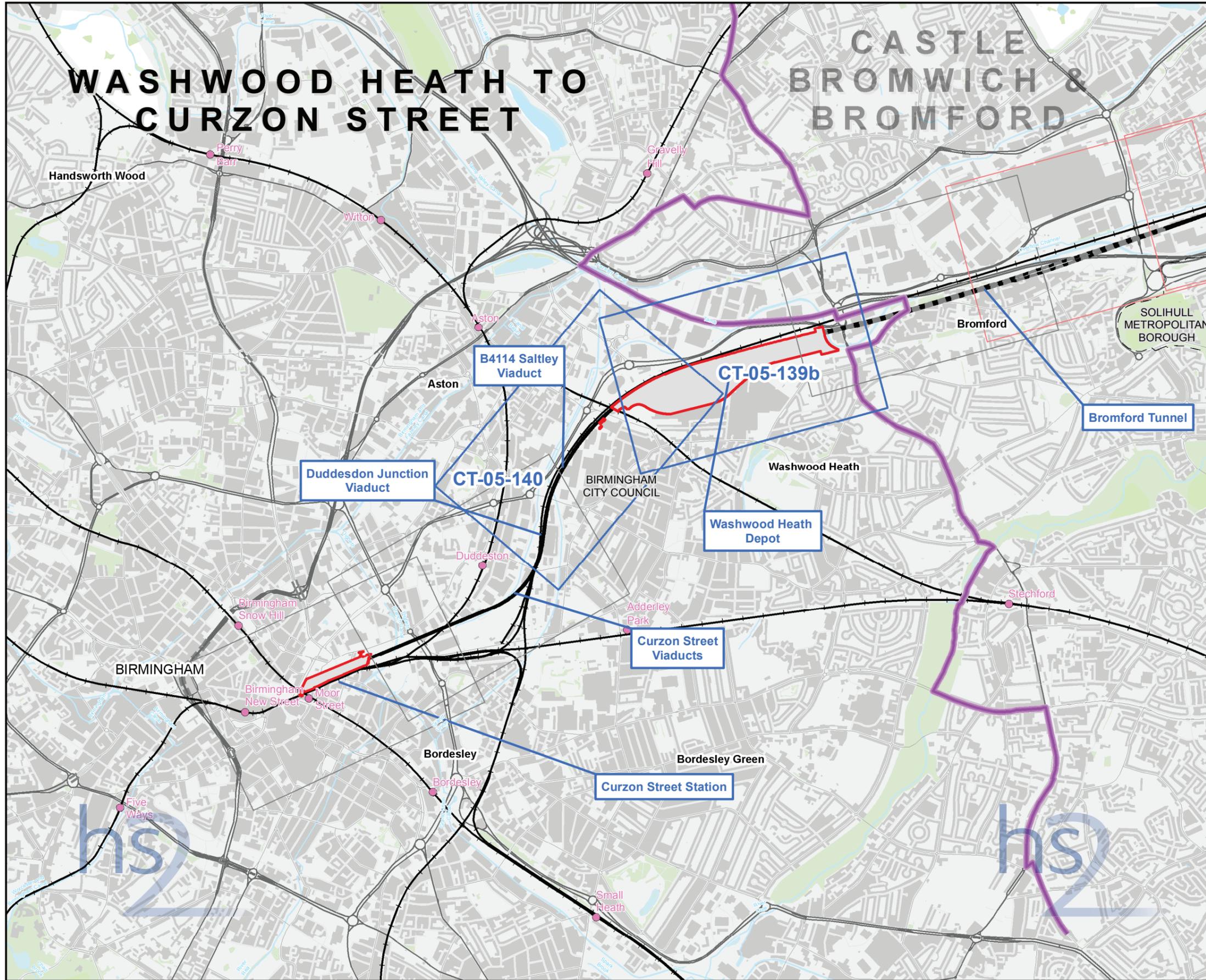
CT-05 - Construction Phase

CT-06 - Proposed Scheme

September 2014

WASHWOOD HEATH TO CURZON STREET

CASTLE BROMWICH & BROMFORD



Map Series Information:

These plans show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The plans also show the construction phase arrangements for public access using Public Rights of Way.

The base mapping shown on the plans is reflective of 2014 Ordnance Survey (OS) data.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum with amendment
- Map sheets included in this community forum with no amendment
- Map sheets not included in this community forum

| | |
|------------|--|
| Map Number | CT-05-INDEX-CFA26 |
| Map Name | Index Map of: Construction Phase AP1 Community Forum Area CFA26: Washwood Heath to Curzon Street |

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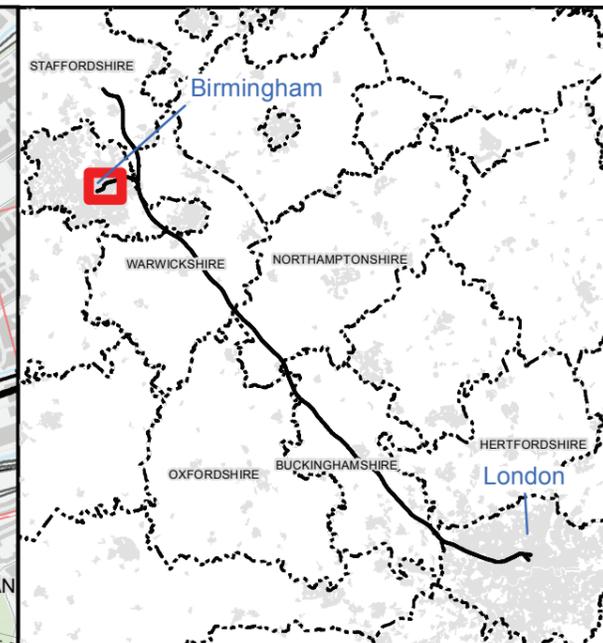
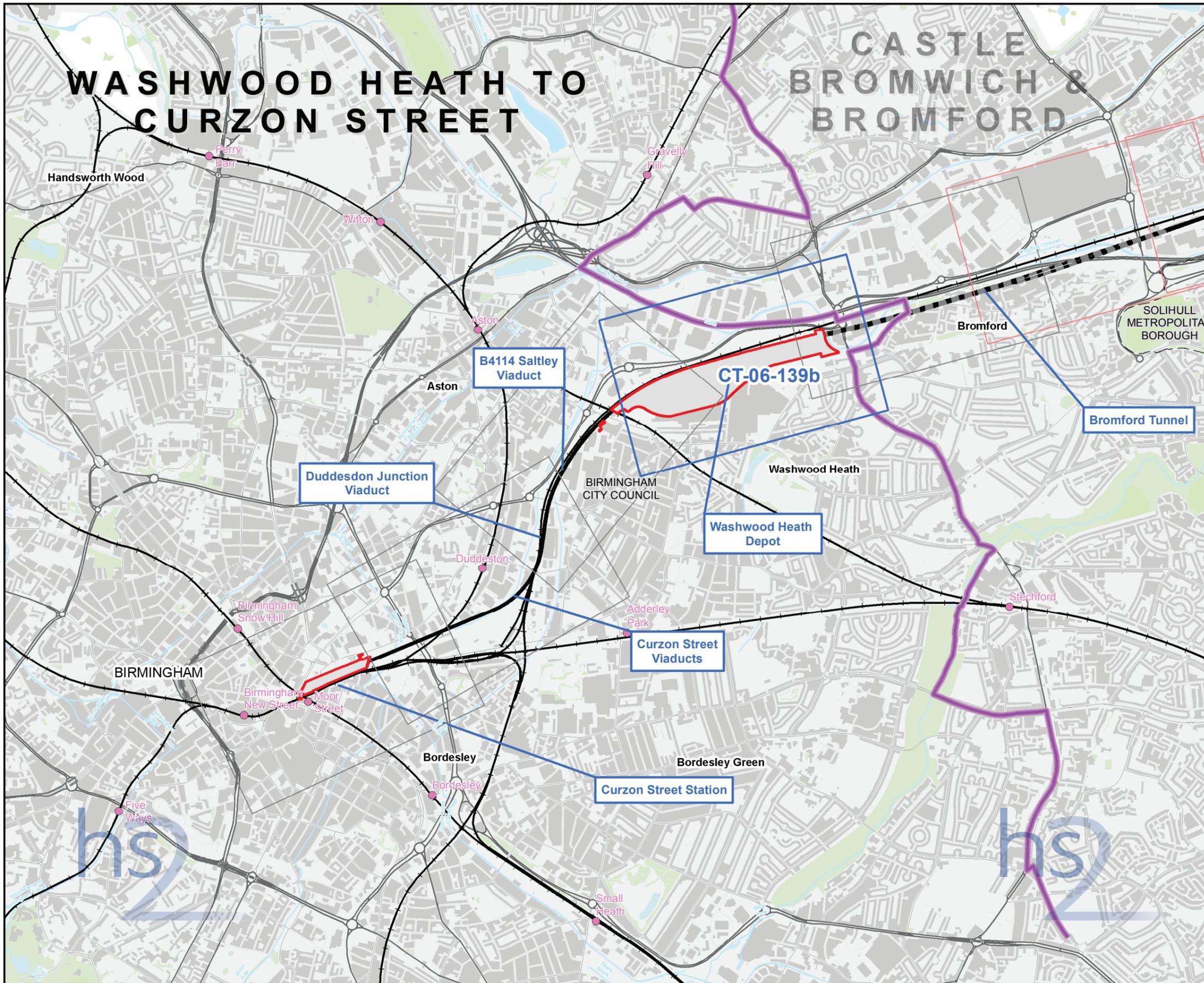
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Doc Number: C250-ARP-EV-MAP-000-005018-AP01 P01.00 Date: 19/08/14

Note: Not all data layers in the legend are represented on every map.

WASHWOOD HEATH TO CURZON STREET

CASTLE BROMWICH & BROMFORD



Map Series Information:

These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme.

The base mapping is reflective of 2014 Ordnance Survey (OS) data.

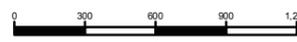
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| | Route in tunnel |
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| | Community forum boundary |
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| | Map sheets not included in this community forum |

| | |
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| Map Number | CT-06-INDEX-CFA26 |
| Map Name | Index Map of: Proposed Scheme AP1 Community Forum Area CFA26: Washwood Heath to Curzon Street |


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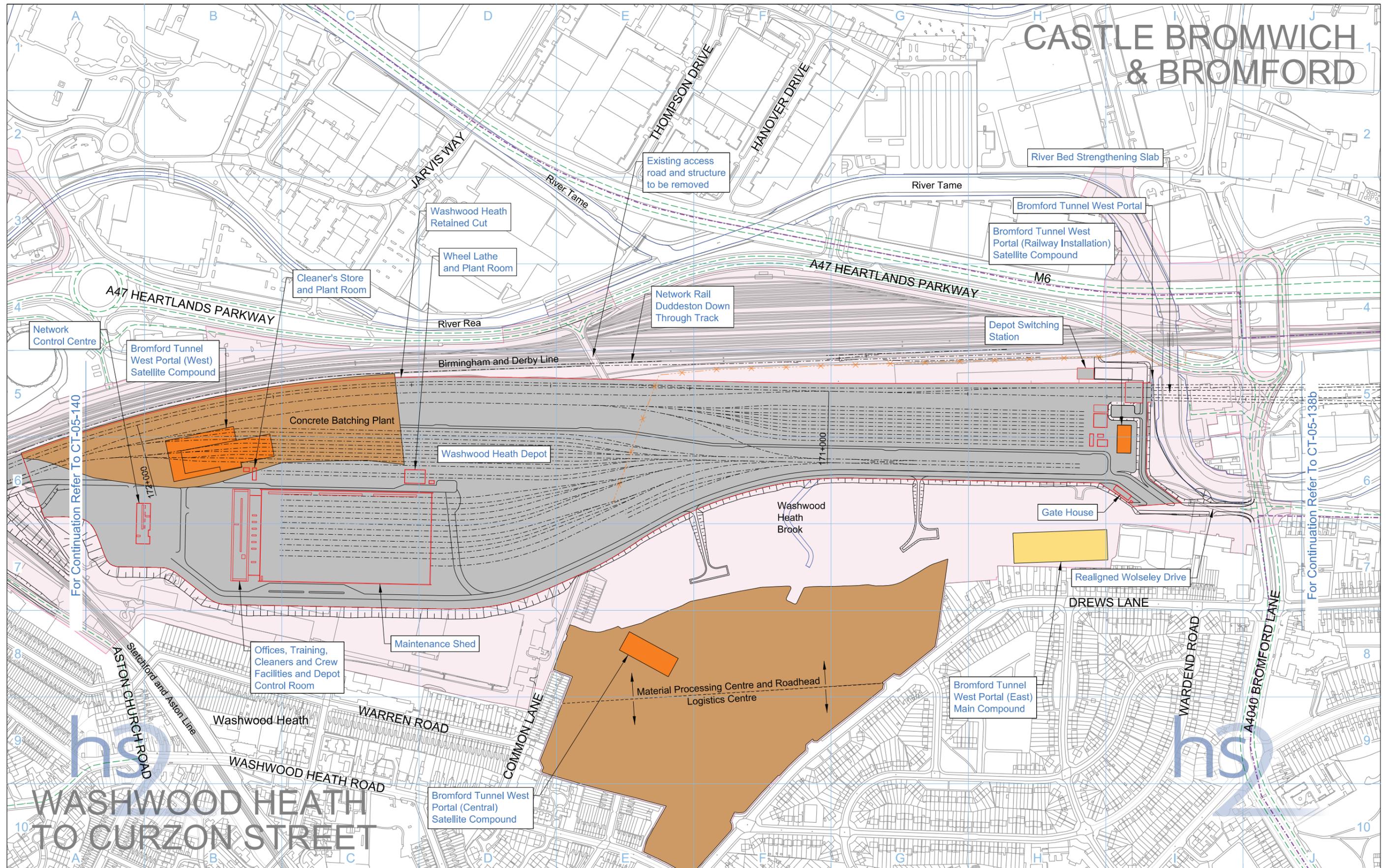
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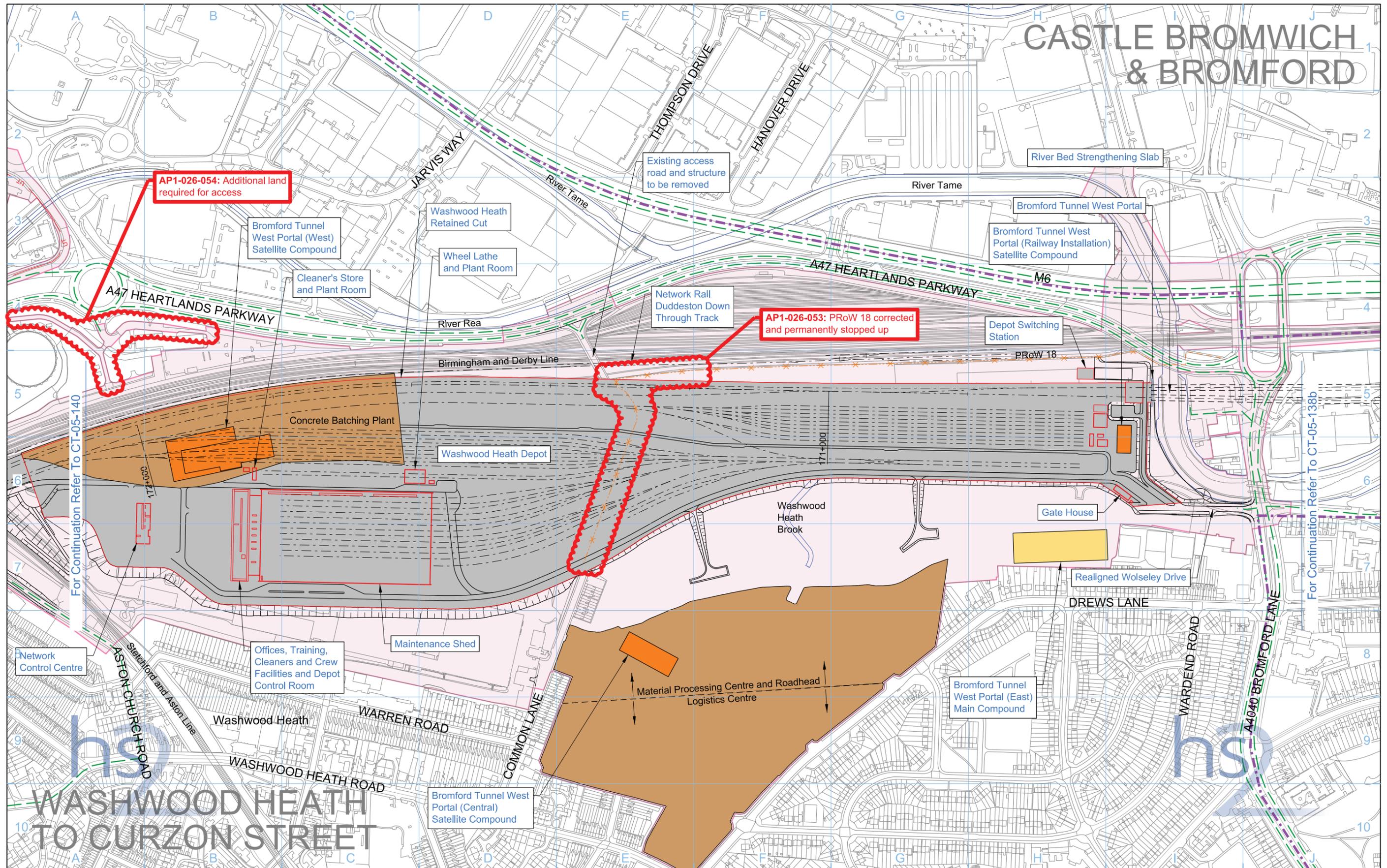
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WASHWOOD HEATH TO CURZON STREET

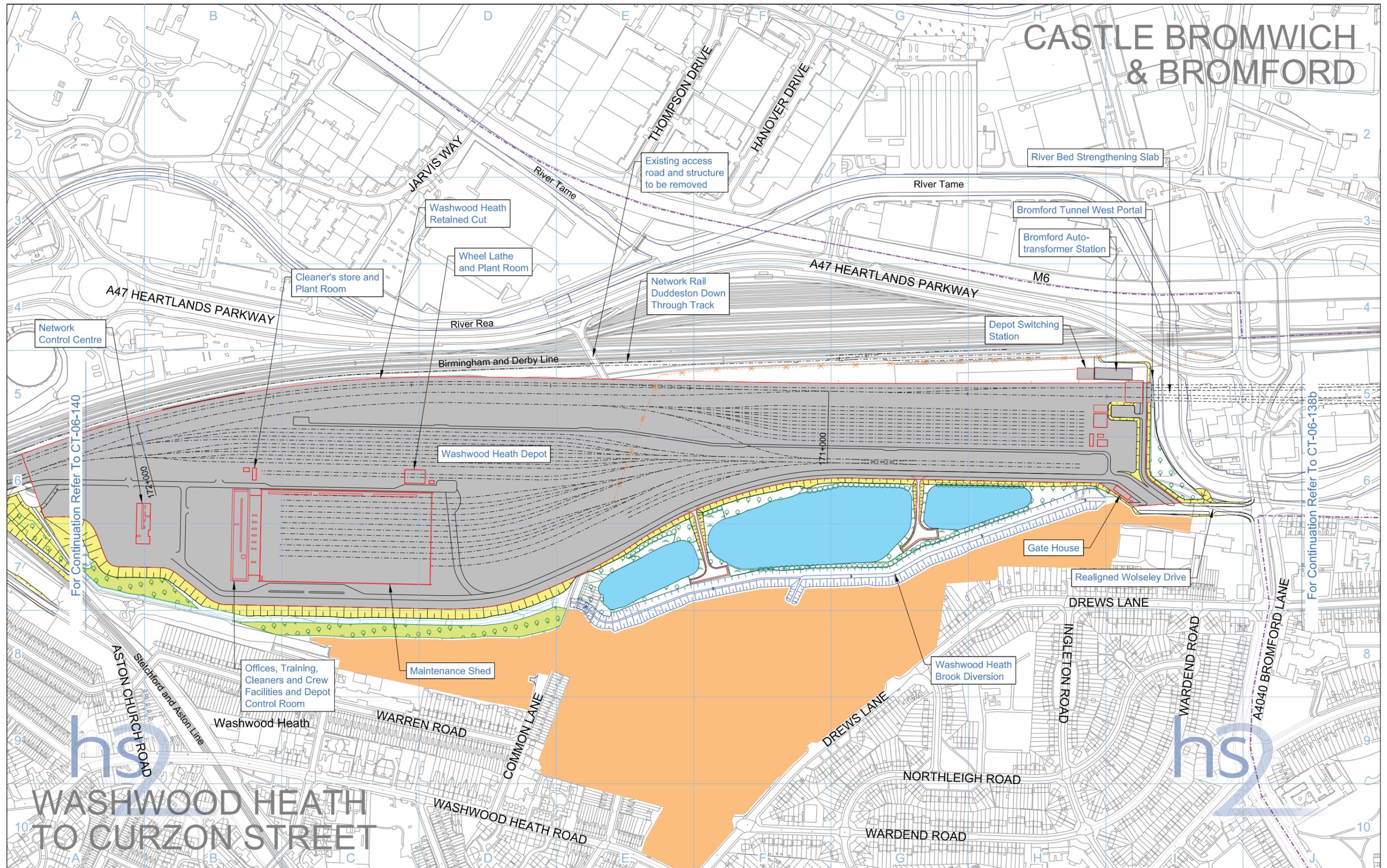
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| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Temporary material stockpile | | <ul style="list-style-type: none"> Rail alignment formation Landscape earthworks Engineering earthworks County boundary Borough / District boundary Land potentially required during construction | | <ul style="list-style-type: none"> Community forum boundary Existing watercourse Tunnels external extent Construction traffic route Existing public right of way (PRoW) New, diverted or realigned PRoW | | <ul style="list-style-type: none"> Stopped-up PRoW Temporary PRoW diversion / realignment Temporary highway diversion / realignment Main utility works | | <ul style="list-style-type: none"> Chainage (e.g. 10+000) Rail alignment | | Map Number: CT-05-139b Map Name: Construction Phase Community Forum Area: CFA26 Washwood Heath to Curzon Street | | 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: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205139 P06 Date: 29/10/13 | |
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| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Temporary material stockpile | | <ul style="list-style-type: none"> Rail alignment formation Landscape earthworks Engineering earthworks County boundary Borough / District boundary Land potentially required during construction | | <ul style="list-style-type: none"> Community forum boundary Existing watercourse Tunnels external extent Construction traffic route Existing public right of way (PRoW) New, diverted or realigned PRoW | | <ul style="list-style-type: none"> Stopped-up PRoW Temporary PRoW diversion / realignment Temporary highway diversion / realignment Main utility works | | <ul style="list-style-type: none"> Chainage (e.g. 10+000) Rail alignment | | Map Number: CT-05-139b Map Name: Construction Phase AP1 Community Forum Area: CFA26 Washwood Heath to Curzon Street | | 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: One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205139-AP01 P01 Date: 29/07/14 | |
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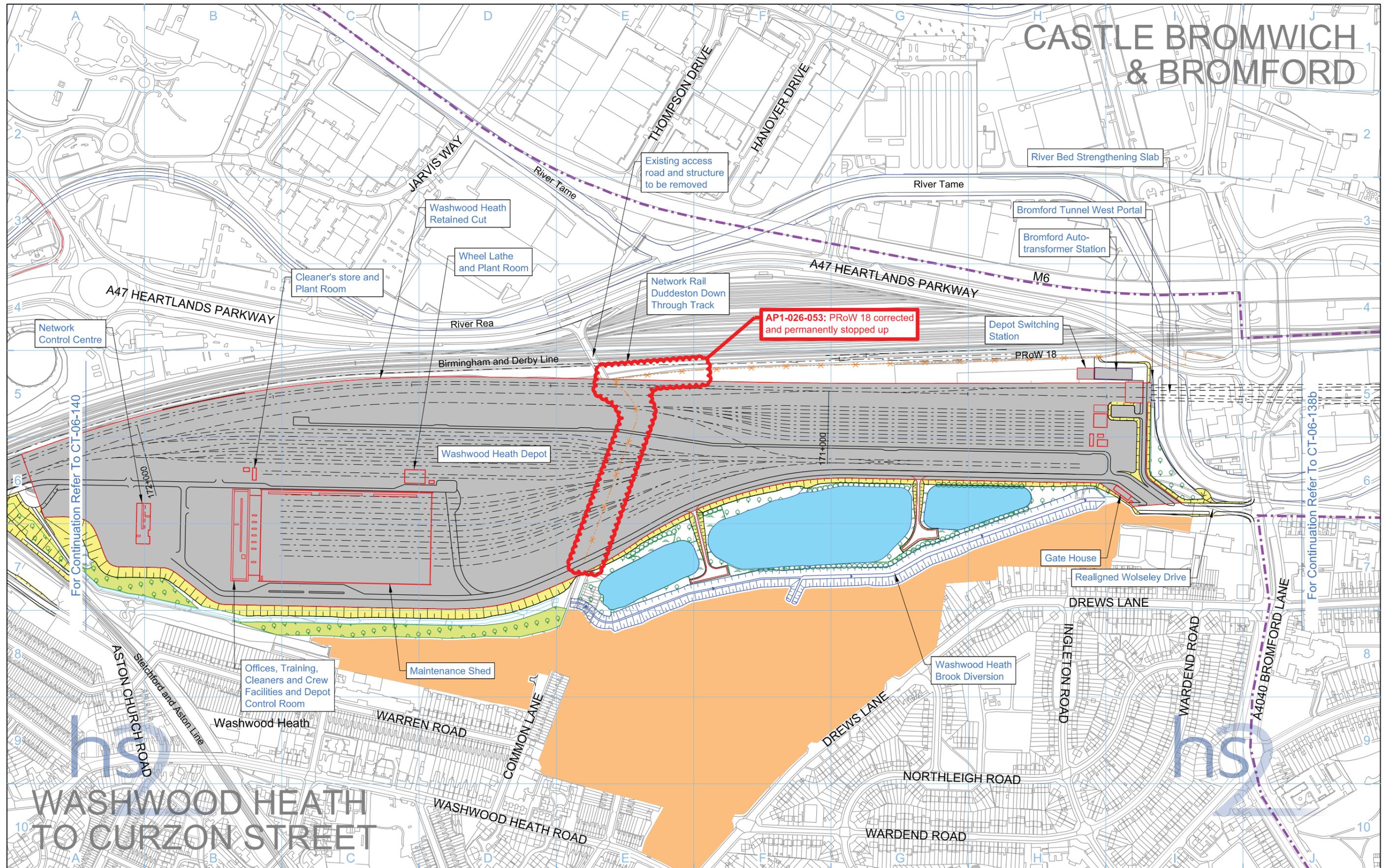
CASTLE BROMWICH & BROMFORD



WASHWOOD HEATH TO CURZON STREET

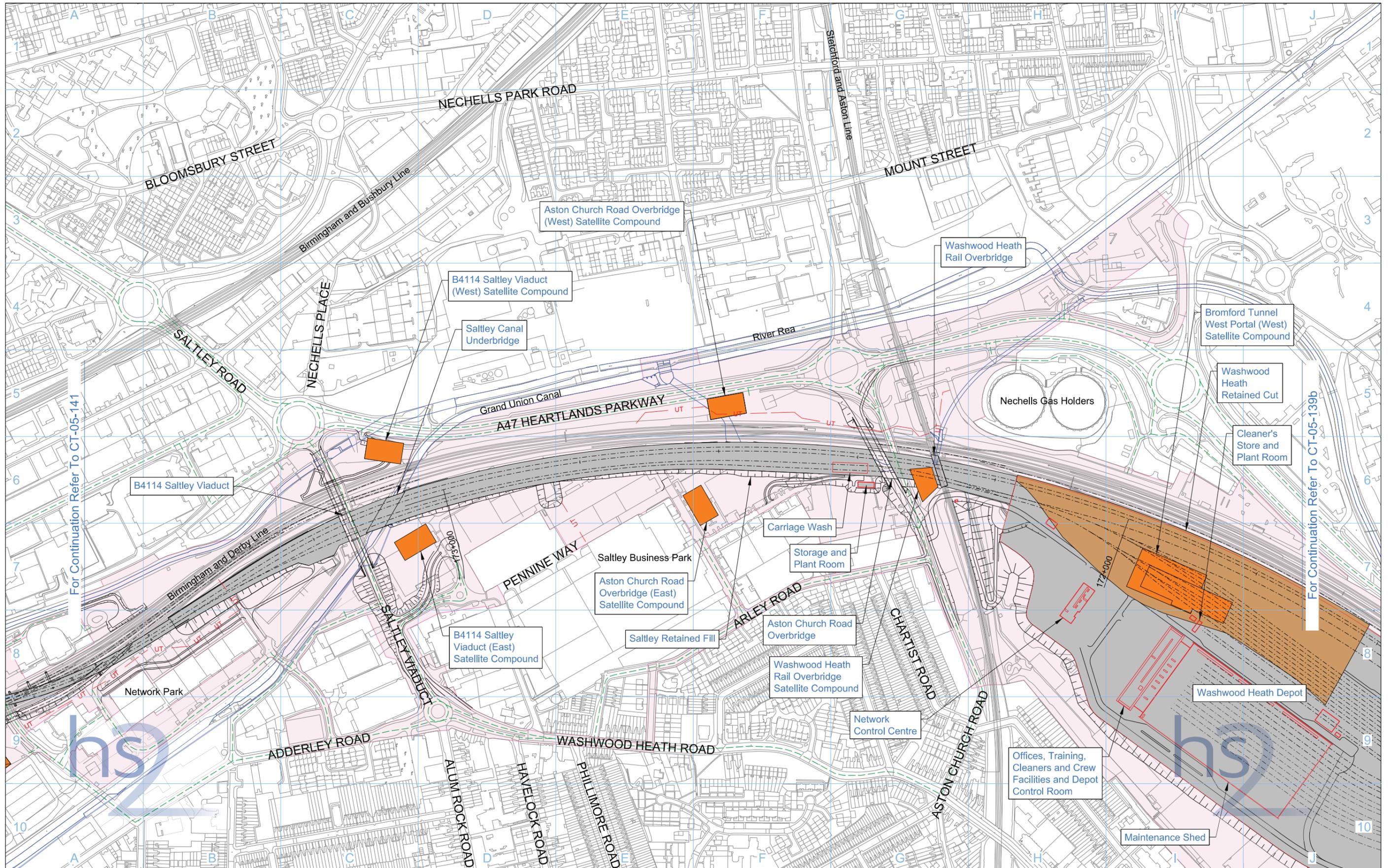
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| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond | | <ul style="list-style-type: none"> Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement | | <ul style="list-style-type: none"> Public realm Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary | | <ul style="list-style-type: none"> Community forum boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW | | <ul style="list-style-type: none"> Stopped-up PRoW Tunnels external extent Rail alignment HS2 Access road Noise fence barrier Chainage (e.g. 10+000) | | Map Number: CT-06-139b Map Name: Proposed Scheme Community Forum Area: CFA26 Washwood Heath to Curzon Street | | 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: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 © Crown copyright and database rights 2013, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-206139 P06 Date: 29/10/13 | |
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CASTLE BROMWICH & BROMFORD



WASHWOOD HEATH TO CURZON STREET

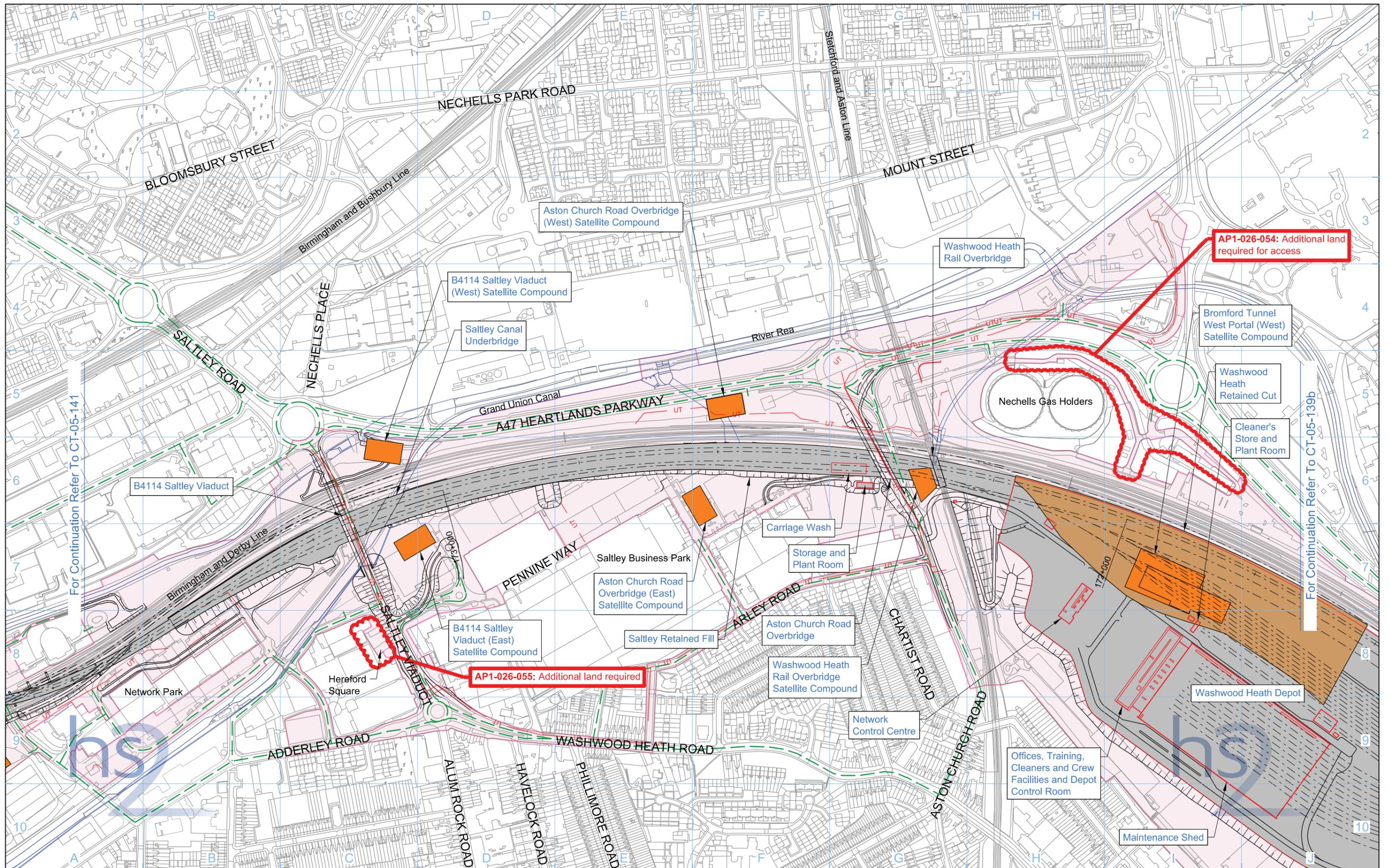
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|--|--|---|--|--|--|---|--|--|--|---|--|--|--|
| Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond | | <ul style="list-style-type: none"> Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement | | <ul style="list-style-type: none"> Public realm Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary | | <ul style="list-style-type: none"> Community forum boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW | | <ul style="list-style-type: none"> Stopped-up PRoW Tunnels external extent Rail alignment HS2 Access road Noise fence barrier Chainage (e.g. 10+000) | | Map Number: CT-06-139b Map Name: Proposed Scheme AP1 Community Forum Area: CFA26 Washwood Heath to Curzon Street | | 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: One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014, Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-206139-AP01 P01 Date: 29/07/14 | |
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For Continuation Refer To CT-05-141

For Continuation Refer To CT-05-139b

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| Legend | | Map Number CT-05-140 Map Name Construction Phase Community Forum Area CFA26 Washwood Heath to Curzon Street | | 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: Eland House, Bressenden Place, London SW1E 5DU Scale at A3: 1:5,000 © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205140 P06 Date: 29/10/13 | |
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| Legend | | Map Information Map Number: CT-05-140 Map Name: Construction Phase AP1 Community Forum Area: CFA26 Washwood Heath to Curzon Street | | 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: One Canada Square, London, E14 5AB Scale at A3: 1:5,000 © Crown copyright and database rights 2014. Ordnance Survey Licence Number 100049190. Doc Number: C224-ARP-EV-DPL-040-205140-AP01 P01 Date: 29/07/14 | |
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