

High Speed Rail (West Midlands - Crewe)

Environmental Statement

Volume 4: Map book

Off-route effects

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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.

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

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Map series name	Map series description
CT-05 – Construction Phase	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 2017 Ordnance Survey (OS) data.
CT-06 – Proposed Scheme	These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme. The base mapping shown on the plans is reflective of 2017 Ordnance Survey (OS) data.
CT-27 – Environmental Baseline - Crewe Interventions	The Environmental Baseline maps display a range of environmental data layers.
CT-28 – Off-Route Modifications to Existing Highways	The Environmental Baseline maps display a range of environmental data layers.

Mapping explanatory notes

Structure of the HS2 Phase 2a Environmental Statement

This map book is part of the suite of documents that make up the Environmental Statement (ES) for Phase 2a of the proposed High Speed Two (HS2) rail network between the West Midlands and Crewe (the Proposed Scheme).

The ES documentation comprises the following:

- Non-technical summary. This provides: a summary in non-technical language of the Proposed Scheme and the reasonable alternatives studied; the likely significant effects of the Proposed Scheme; the means to avoid, prevent or reduce the likely significant environmental effects; and an outline of the monitoring measures to manage the effects of construction and the effectiveness of mitigation post construction, as well as appropriate operational phase monitoring.
- Glossary of terms and list of abbreviations. This contains terms and abbreviations, including units of measurement used throughout the ES documentation.
- Volume 1: Introduction and methodology. This provides: a description of HS2, the EIA process and the approach to consultation and engagement; details of the permanent features of the Proposed Scheme and general construction techniques; a summary of the scope and methodology for the environmental topics; an outline of the general approach to mitigation; an outline of the approach to monitoring, including measures to manage the effects of construction, the effectiveness of mitigation post construction, as well as the approach to operational phase monitoring; and a summary of the reasonable alternatives studied (including local alternatives studied prior to the November 2015 route announcement). Local alternatives studied post November 2015 are discussed in the relevant Volume 2 community area reports.
- Volume 2: Community area reports and map books. These cover the following community areas: 1 Fradley to Colton; 2 Colwich to Yarlet; 3 Stone and Swynnerton; 4 Whitmore Heath to Madeley; and 5 South Cheshire. The reports provide the following for each area: an overview of the area; a description of the construction and operation of the Proposed Scheme within the area; a summary of the local alternatives studied since November 2015; a description of the environmental baseline; a description of the likely significant environmental effects of the Proposed Scheme; the proposed means to avoid, prevent or reduce the likely significant environmental effects; and the proposals for monitoring, including measures during and post construction, and during the operational phase.
The maps relevant to each community area are provided in separate Volume 2 map books. These maps should be read in conjunction with the relevant community area report. These maps include the location of the key environmental features (Map Series CT-10), key construction features (Map Series CT-05) and key operation features (Map Series CT-06) of the Proposed Scheme. There are also specific maps showing viewpoint and photomontage locations (Map Series LV, to be read in conjunction with Section 11, Landscape and visual of the Volume 2: community area reports) and noise contours (Map Series SV, to be read in conjunction with Section 13, Sound, noise and vibration of the Volume 2: community area reports).
- Volume 3: Route-wide effects. This describes the likely significant environmental effects that are likely to occur at a geographical scale greater than the community areas described in Volume 2.
- Volume 4: Off-route effects. This provides an assessment of the likely significant environmental effects of the Proposed Scheme at locations beyond the Phase 2a route corridor and its associated local environment. The maps relevant to the assessment of off-route effects are provided in a separate map book.
- Volume 5: Appendices and map books. This contains supporting technical information and associated map books to be read in conjunction with the other volumes of the ES.

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 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.

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Chainage

Most of the maps presented as part of the 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. 192+000 or 239+500.

Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres. E.g. 192+000 refers to the point, 192,000m, or 192km, 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 1:20,000, 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 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 Crewe to the left.

The exception to this, are map series LV-02, LV-03, LV-04, LV-07 and LV-08, 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 Crewe to the top. Map series TR-08 is orientated north.

Map books

In total there are 22 map books which make up the ES, spread across volumes 2, 4 and 5. A list of the titles is provided below for reference.

Name	Name
Volume 2: Map book – CA1: Fradley to Colton	Volume 5: Map book – Land Quality (LQ-01)
Volume 2: Map book – CA2: Colwich to Yarlet	Volume 5: Map book – CA1: Fradley to Colton - Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – CA3: Stone and Swynnerton	Volume 5: Map book – CA2: Colwich to Yarlet - Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – CA4: Whitmore Heath to Madeley	Volume 5: Map book – CA3: Stone and Swynnerton - Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – CA5: South Cheshire	Volume 5: Map book – CA4: Whitmore Heath to Madeley - Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 4: Map book – Off-route effects	Volume 5: Map book – CA5: South Cheshire - Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – Agriculture, forestry and soils (AG-01, AG-02 & AG-04)	Volume 5: Map book – Planning Data/Committed Development (CT-13)
Volume 5: Map book – Air quality (AQ-01)	Volume 5: Map book – Socio-Economics (SE-01)
Volume 5: Map book – Community (CM-01)	Volume 5: Map book – Sound, Noise and Vibration (SV-01, SV-02, SV-03 & SV-04)
Volume 5: Map book – Cultural Heritage (CH-01, CH-02, CH-03)	Volume 5: Map book – Traffic and Transport (TR-03, TR-04 & TR-08)
Volume 5: Map book – Ecology - designated sites (EC-01)	Volume 5: Map book – Water Resources and Flood Risk (WR-01, WR-02, WR-03, WR-05, WR-06)

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High Speed Rail (West Midlands-Crewe)
Environmental Statement
Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Ancient Woodland Inventory Sites (AWIS)	Ancient Woodland is land that has had continuous woodland cover since at least 1600AD. Natural England maintain an inventory of ancient woodlands.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2017
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	
Borrow Pit	Area excavated to provide material for construction purposes.	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. 192+000 refers to the point, 192,000m, or 192km, 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 area boundary	The Environmental Statement has been split into 5 sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017.
Conservation areas	Areas considered worthy of preservation or enhancement because of their special architectural or historic interest. Conservation Areas have been captured and digitised from desktop based studies using publically available local authority information. Accuracy of the data is dependent upon that of the individual data source and areas are provided as indicative site boundaries only.	Staffordshire County Council Cheshire Historic Environment Record	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017. © Staffordshire County Council © Cheshire Historic Environment Record
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. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017.
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. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017.
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	

Legend features	Definition	Source	Copyright
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 buildings	Extent of buildings derived from Ordnance Survey MasterMap data.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017.
Existing contours	Lines depicting land heights to show topography.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017.
Existing inland water	See Water body.	See Water body.	See Water body.
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.
Existing woodland	See Woodland.	See Woodland.	See Woodland.
Extent of land potentially required during construction for mitigation planting	Areas of land outside the main works identified for the planting of woodland, grassland mitigation.	High Speed Two (HS2) Ltd	
Gazetteer ID	Heritage assets identified for the purposes of assessment in the Environmental Statement.	High Speed Two (HS2) Ltd	
Gazetteer ID group boundary	The boundary that defines a grouping of heritage assets identified for the purposes of assessment in the Environmental Statement.	High Speed Two (HS2) Ltd	
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	
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	
Listed building grade I	Buildings and structures in England of special architectural or historic interest. In some instances the source data for individual	Historic England	© Historic England 2017. Contains Ordnance Survey data © Crown copyright and database right 2017

Legend features	Definition	Source	Copyright
Listed building grade II* Listed building grade II	buildings is grouped under a single grid reference, in these instances the data may have been interrogated further to identify addresses of individual buildings with Listed Building status so that these can be displayed individually on the map. The Listed Building data consists of approximately 375,000 standing structures. The information has been converted from paper records georeferenced to digital mapping. A small percentage of the data was manually located. The data is subject to continuous review and regularly updated as new structures are designated and positional accuracy improves.		The Historic England GIS Data contained in this material was obtained on 25 January 2017. The most publicly available up to date Historic England GIS Data can be obtained from HistoricEngland.org.uk .
Local Nature Reserve (LNR)	A Local Nature Reserve (LNR) is a statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949 by principal local authorities. Data supplied has the status of Declared. The boundaries are interpreted from material gathered from the local authorities and does not currently cover all LNRs. This national dataset is indicative not definitive. Definitive information can only be provided by individual local authorities and you should refer directly to their information for all purposes that require the most up to date and complete dataset.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2017
Local Wildlife Site (LWS)	Local Wildlife Sites (LWS) are identified and selected for their local nature conservation value. They protect threatened species and habitats acting as buffers, stepping stones and corridors between nationally-designated wildlife sites. Local Wildlife Sites (LWS) are local non-statutory nature conservation sites. They were formerly referred to as County Wildlife Sites. In some cases Local Wildlife data is not shown as this is still being verified.	Staffordshire Ecological Record Cheshire East Council	© Staffordshire Ecological Record © Cheshire East Council
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	
Non-designated heritage asset	Assets that are not designated as, for example Scheduled Monument, Listed Building, Registered Park and Garden, Registered Battlefield or Conservation area.	Staffordshire County Council Cheshire Historic Environment Record	© Staffordshire County Council © Cheshire Historic Environment Record 2017
Public realm/Replacement community facility	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	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
	to indicate general areas for designed soft and hard landscaping. Replacement community facility: Area of land for the provision of a permanent replacement community facility, such as a playground, community centre or activity centre.		
Public Rights of Way (PRoW)	Public rights of way are highways which can be used for the following purposes: - Footpaths - pedestrians only - Bridleways - pedestrians, cyclists and equestrians - Restricted byways - as bridleways plus non-motorised vehicles - Byways open to all traffic. Definitive Map data supplied by surveying authorities.	Staffordshire County Council Cheshire East Council	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017. © Staffordshire County Council © Cheshire East 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	
Railway systems compound	Represents railway systems compounds which facilitate installation, testing and commissioning of the railway systems, including track, overhead line equipment, communications and signalling equipment and traction power supply.	High Speed Two (HS2) Ltd	
Ramsar Site – Wetland of International Importance	A Ramsar Site is the land listed as a Wetland of International Importance under the Convention on Wetlands of International Importance Especially as Waterfowl Habitat (the Ramsar Convention) 1971. Data supplied has the status of "Listed".	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2017
Registered park or garden	Parks and Gardens of special historic interest. Supplied by Historic England. Of the 1,590 Registered Parks and Gardens, over 91% were captured against the 1:10,000 Ordnance Survey Raster product. 135 records are potentially subject to movement under Positional Accuracy Improvement (PAI) improvements.	Historic England	© Historic England 2017. Contains Ordnance Survey data © Crown copyright and database right 2017 The Historic England GIS Data contained in this material was obtained on 25 January 2017. The most publicly available up to date Historic England GIS Data can be obtained from HistoricEngland.org.uk .
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	
Scheduled monument	A schedule has been kept since 1882 of monuments considered to be of national importance by the government. The current legislation, the Ancient Monuments and Archaeological Areas Act 1979, supports a formal system of Scheduled Monument Consent for any work to a designated monument. The Scheduled	Historic England	© Historic England 2017. Contains Ordnance Survey data © Crown copyright and database right 2017 The Historic England GIS Data contained in this material was obtained on 25 January 2017. The most

Legend features	Definition	Source	Copyright
	Monument layer consists of approximately 22,380 monuments tied into the Ordnance Survey. The majority of these are fixed; however, a small number of records may be updated as digital positional accuracy improves. The data is subject to continuous review and regularly updated as new monuments are designated.		publicly available up to date Historic England GIS Data can be obtained from HistoricEngland.org.uk .
Site of Special Scientific Interest (SSSI)	A Site of Special Scientific Interest (SSSI) is the land notified as an SSSI under the Wildlife and Countryside Act (1981), as amended.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2017
Stopped-up PRoW	Public rights of way that will be closed due to construction of the scheme.	High Speed Two (HS2) Ltd	
Storage / prefabrication / laydown areas	Storage, prefabrication or laydown areas.	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	
Temporary replacement community facility	Area of land for the provision of a temporary replacement community facility, such as a playground, community centre or activity centre, whilst construction works are in progress.	High Speed Two (HS2) Ltd	
Temporary workers accommodation	Temporary accommodation for workers during the construction period.	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	
Water body	Any mass of water having definite hydrological, physical, chemical and biological characteristics.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2017.
Watercourse	Any channel through which water flows, can be natural or manmade. They are split into two categories (main rivers or ordinary watercourses) in England and Wales for regulation purposes.	Environment Agency	© Environment Agency copyright and/or database right 2017. All rights reserved.
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	
Woodland	Woodland areas derived from Ordnance Survey MasterMap data.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of

Legend features	Definition	Source	Copyright
			Publication 2017.
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	

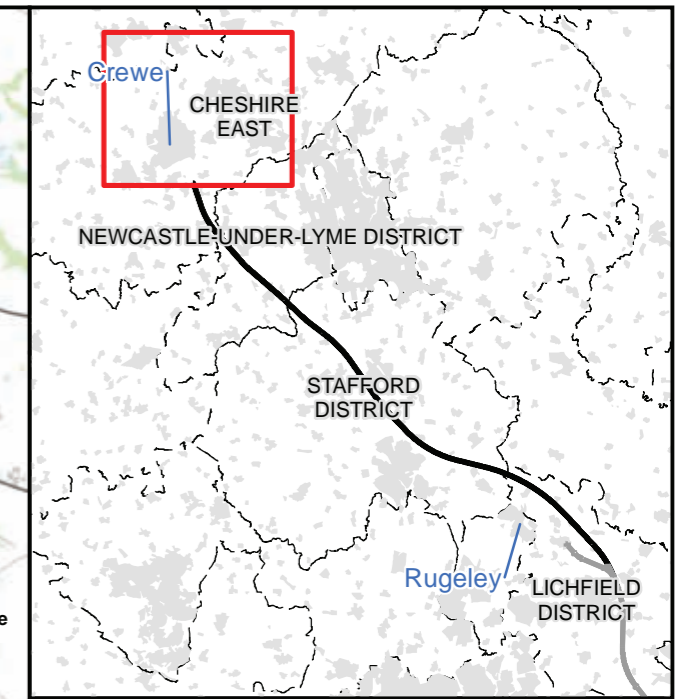
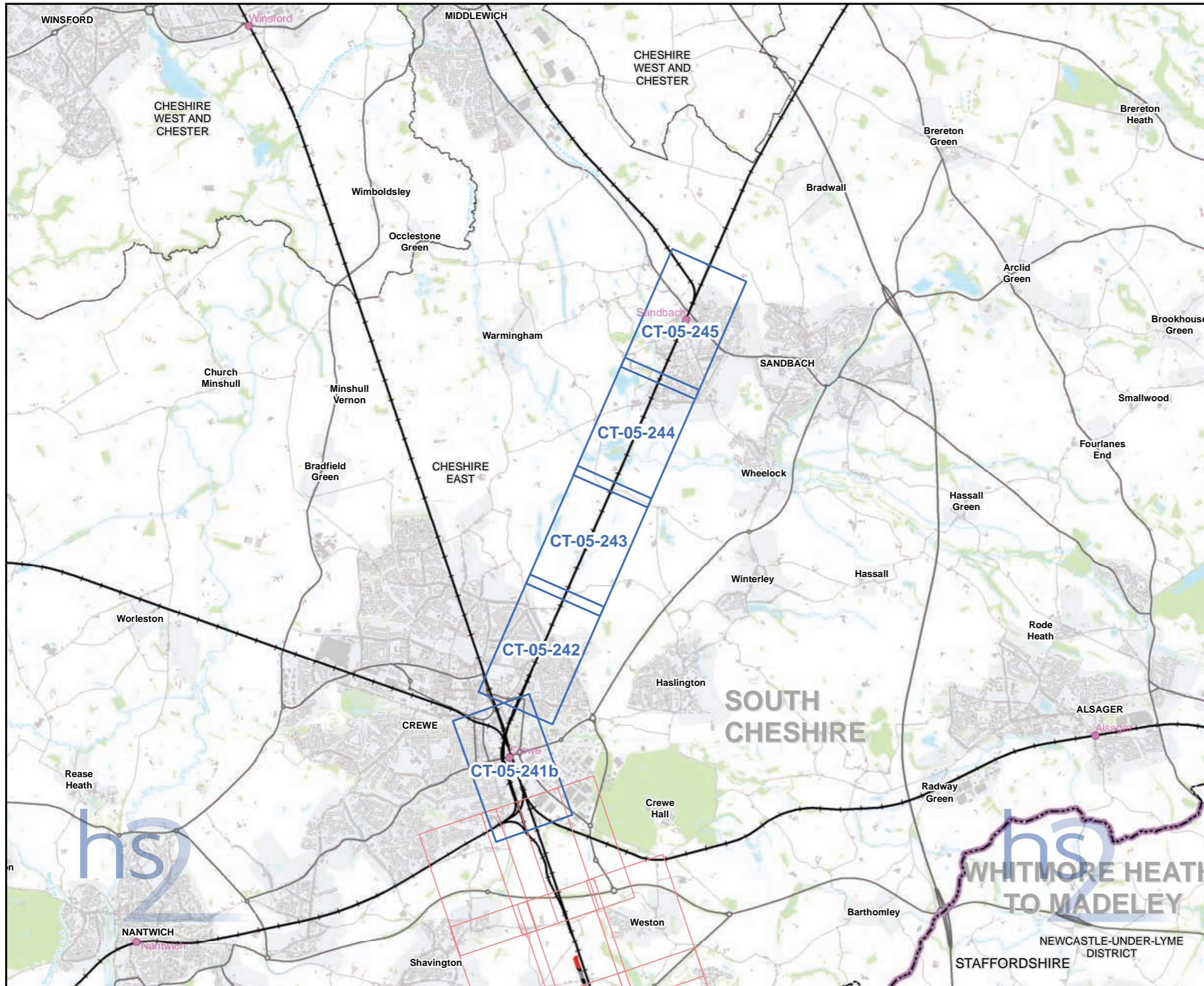
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High Speed Rail (West Midlands-Crewe)

Environmental Statement

CT-05 – Construction Phase

CT-06 – Proposed Scheme



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 2017 Ordnance Survey (OS) data.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community area boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary
 - Map sheets included in this off-route works package
 - Map sheets not included in this off-route works package

Map Number	CT-05-INDEX-OR
Map Name	Index Map of: Construction Phase
Off-route: Modifications to WCML between Crewe and Sandbach	

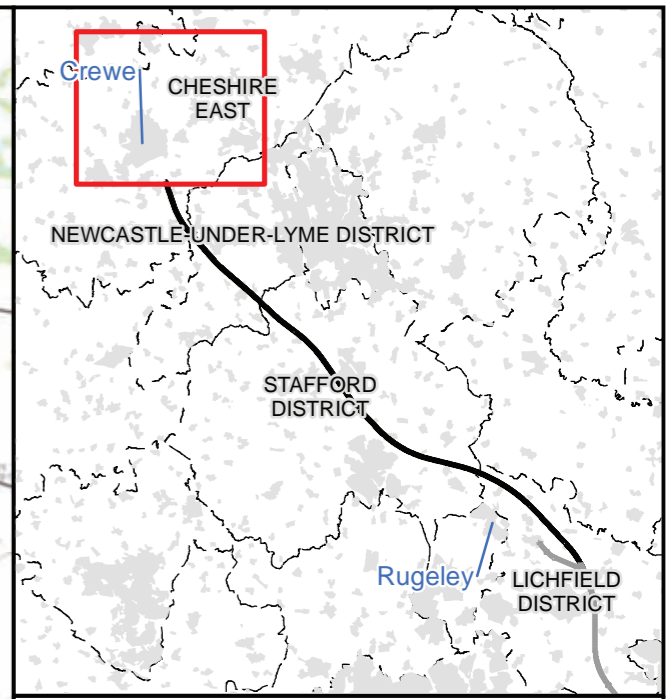
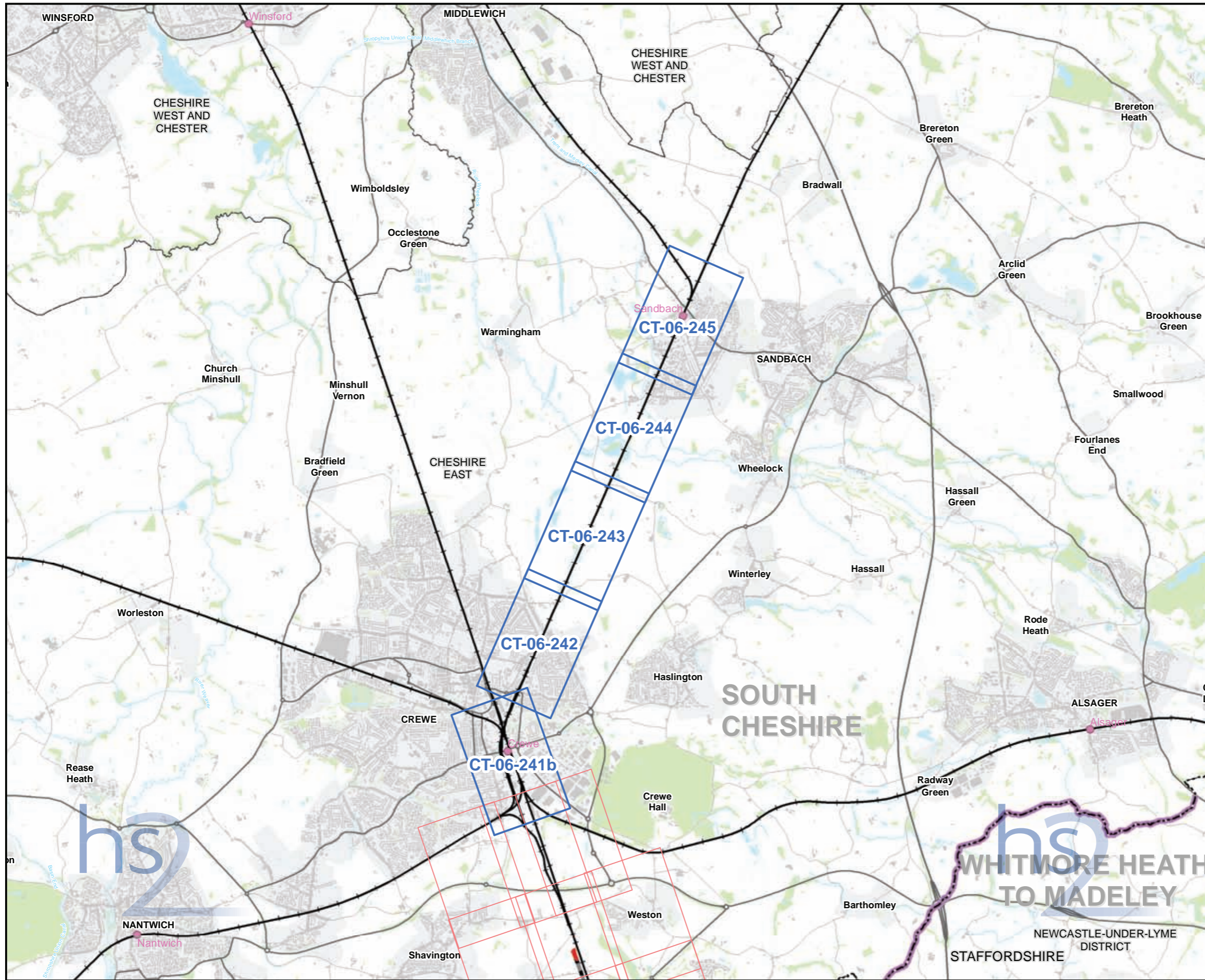
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Map Series Information:

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

The base mapping shown on the plans is reflective of 2017 Ordnance Survey (OS) data.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community area boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary
 - Map sheets included in this off-route works package
 - Map sheets not included in this off-route works package

Map Number	CT-06-INDEX-OR
Map Name	Index Map of: Proposed Scheme
Off-route: Modifications to WCML between Crewe and Sandbach	

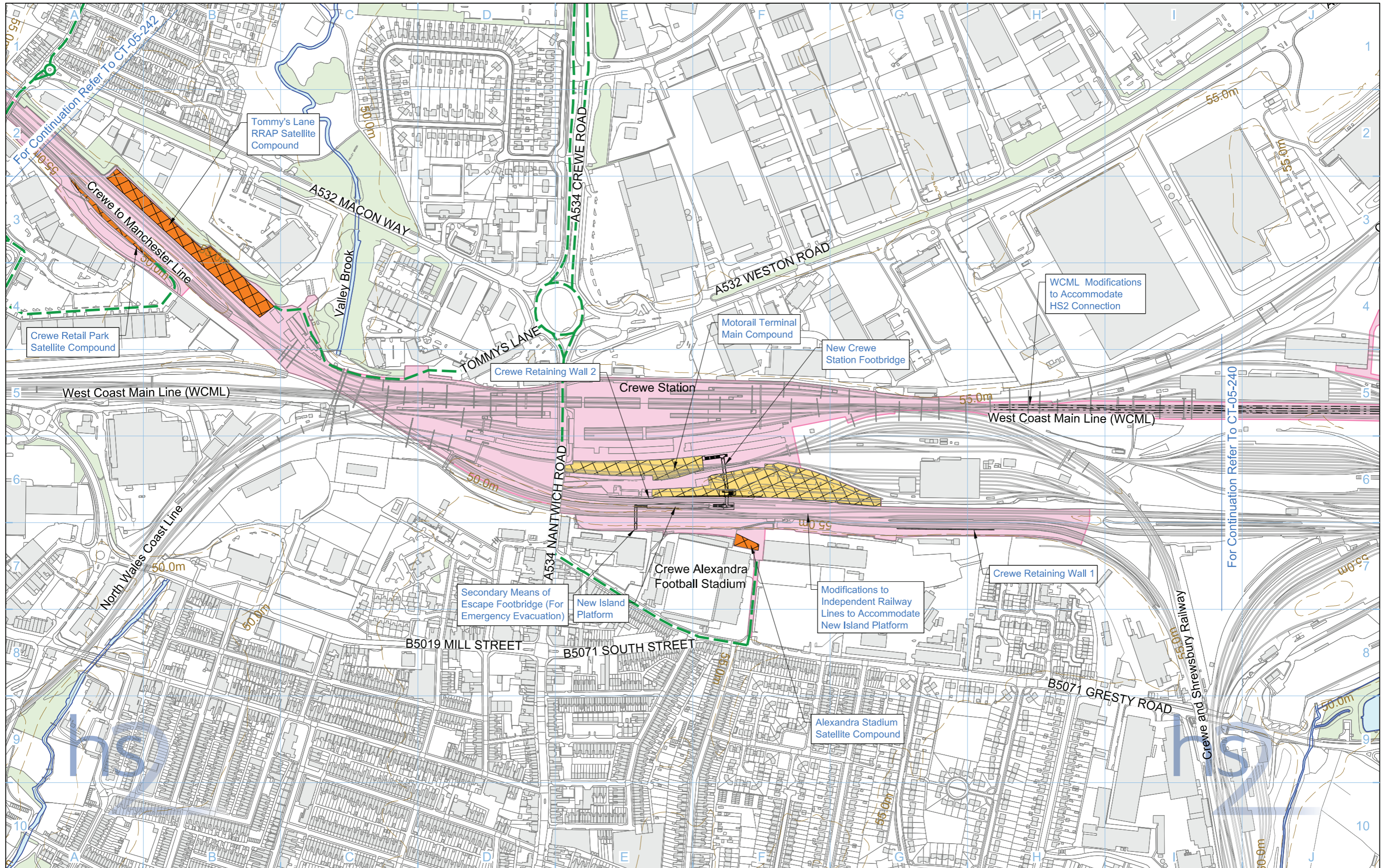
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- Legend**
- Depot, station, headhouse or portal building
 - Tunnel portal
 - Main construction compound
 - Satellite construction compound
 - Railway systems compound
 - Temporary material stockpile
 - Borrow Pit
 - Storage / prefabrication / laydown areas
 - Land potentially required during construction
 - Extent of land potentially required during construction for mitigation planting
 - Temporary replacement community facility

- Community Area boundary
- Tunnels external extent
- Construction traffic route
- Existing public right of way (PRoW)
- New, diverted or realigned PRoW
- Stopped-up PRoW
- Temporary PRoW diversion / realignment

- Landscape earthworks
- Engineering earthworks
- Temporary highway diversion / realignment
- Main utility works
- Rail alignment
- Chainage (e.g. 10+000)

- Existing woodland
- Existing buildings
- Existing inland water
- Existing watercourse
- Existing contours
- Rail alignment formation
- Temporary workers accommodation

Map Number: **CT-05-241b**

Map Name: **Construction Phase**

Community Area: **Off-route Modifications to WCML between Crewe and Sandbach**

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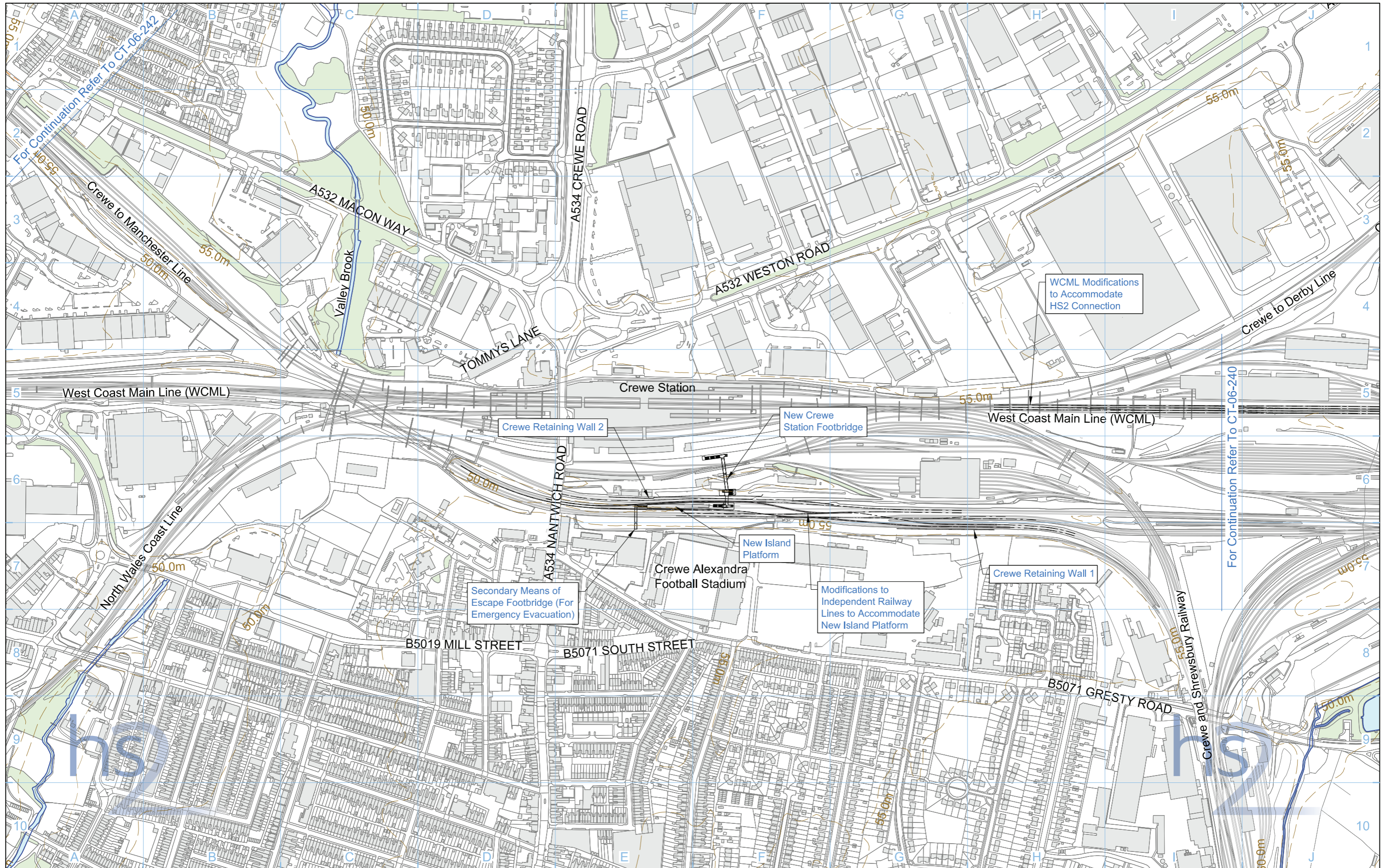
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Scale at A3: 1:5,000

0 50 100 150 200 250 Metres

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Doc Number: C861-ARP-EV-DPL-000-055341 P04 Date: 14/06/17



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
	Community Area 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

	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number: **CT-06-241b**

Map Name: **Proposed Scheme**

Community Area: **Off-route Modifications to WCML between Crewe and Sandbach**

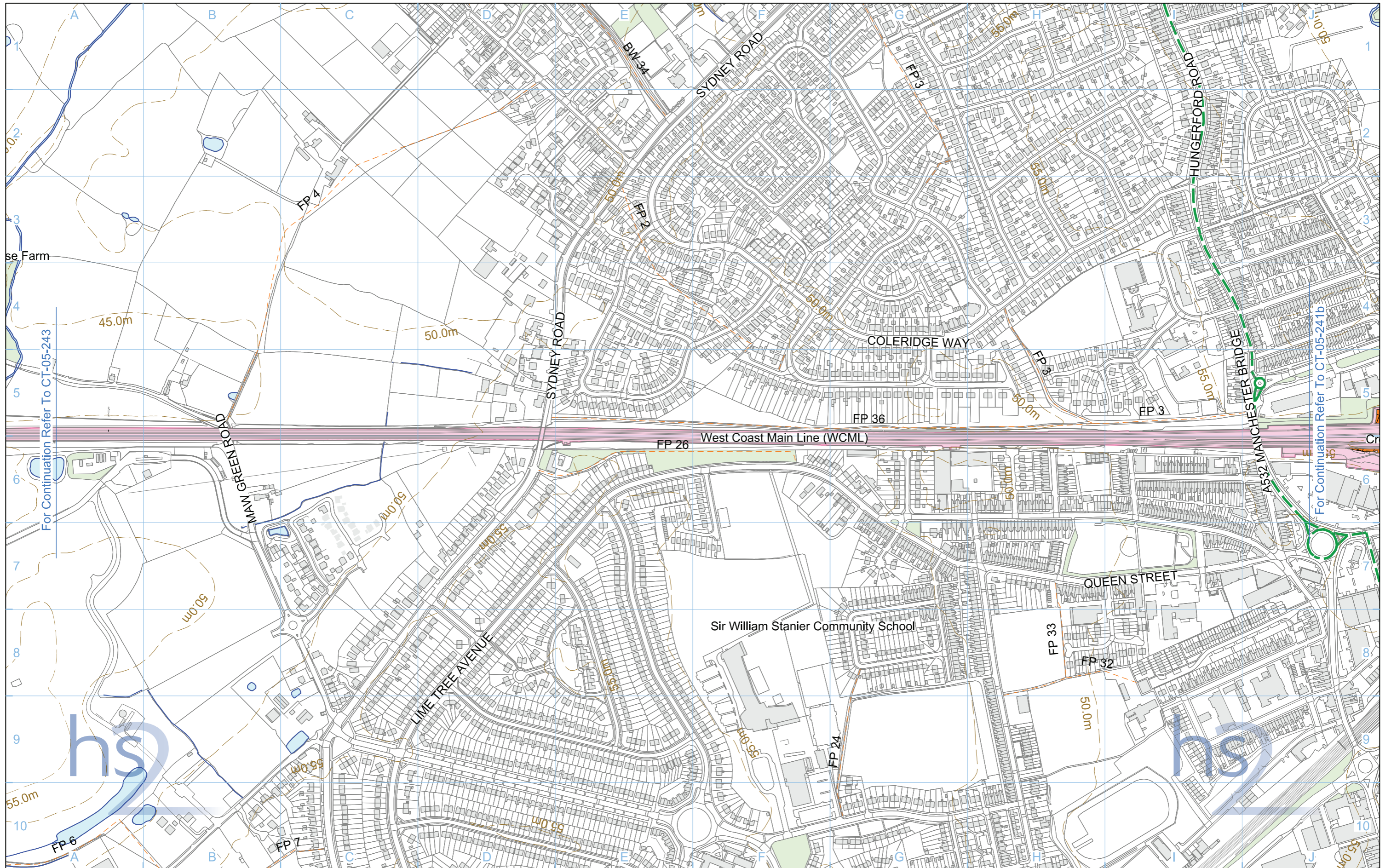
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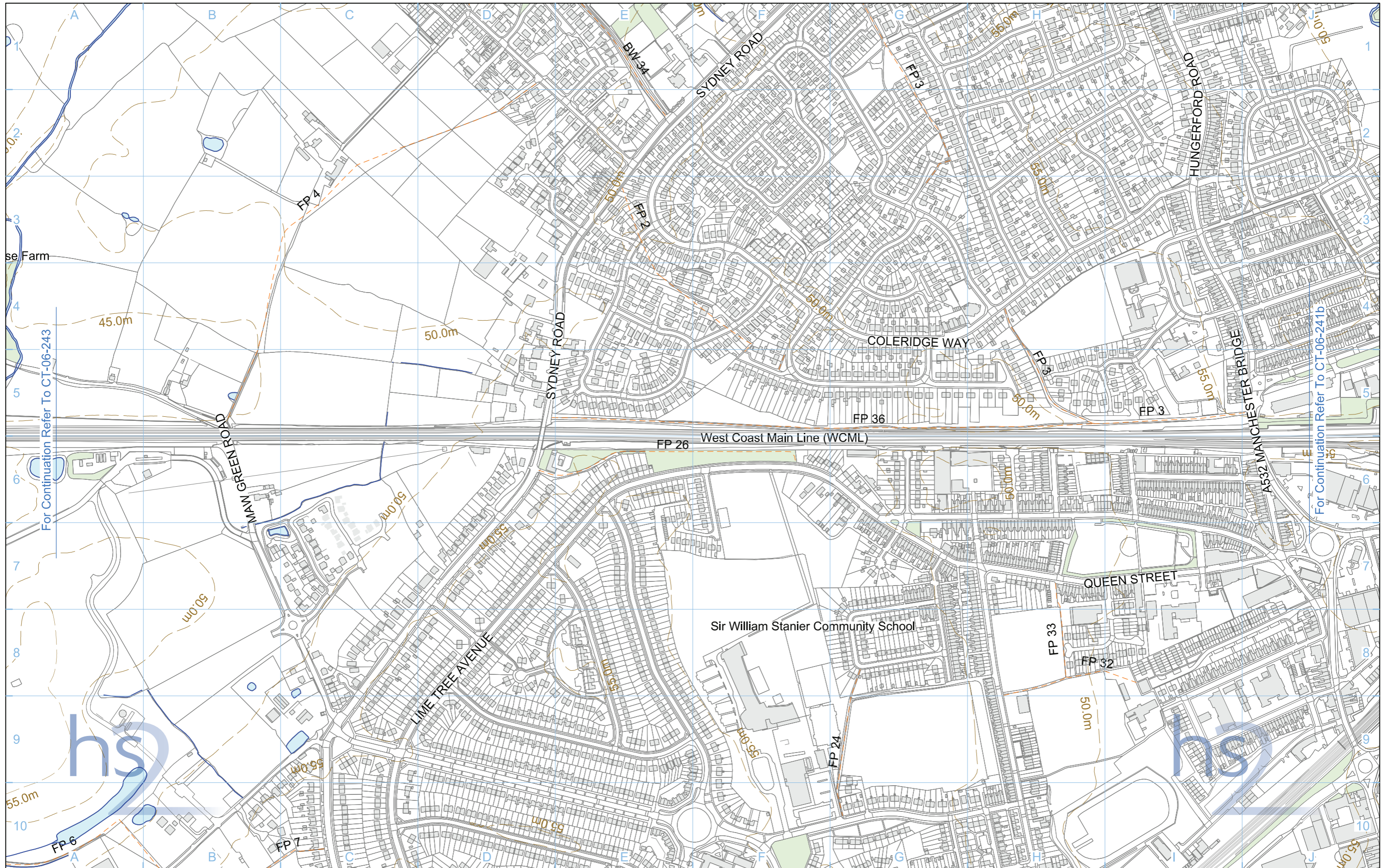
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Doc Number: C861-ARP-EV-DPL-000-056341 P02 Date: 08/06/17



Legend 									
<p>Depot, station, headhouse or portal building</p> <p>Tunnel portal</p> <p>Main construction compound</p> <p>Satellite construction compound</p> <p>Railway systems compound</p> <p>Temporary material stockpile</p>		<p>Borrow Pit</p> <p>Storage / prefabrication / laydown areas</p> <p>Land potentially required during construction</p> <p>Extent of land potentially required during construction for mitigation planting</p> <p>Temporary replacement community facility</p>		<p>Community Area boundary</p> <p>Tunnels external extent</p> <p>Construction traffic route</p> <p>Existing public right of way (PRoW)</p> <p>New, diverted or realigned PRoW</p> <p>Stopped-up PRoW</p> <p>Temporary PRoW diversion / realignment</p>		<p>Landscape earthworks</p> <p>Engineering earthworks</p> <p>Temporary highway diversion / realignment</p> <p>Main utility works</p> <p>Rail alignment</p> <p>Chainage (e.g. 10+000)</p>		<p>Existing woodland</p> <p>Existing buildings</p> <p>Existing inland water</p> <p>Existing watercourse</p> <p>Existing contours</p> <p>Rail alignment formation</p> <p>Temporary workers accommodation</p>	
<p>Map Number</p> <p>CT-05-242</p> <p>Map Name</p> <p>Construction Phase</p> <p>Community Area</p> <p>Off-route Modifications to WCML between Crewe and Sandbach</p>		<p>Registered in England, Registration number 06791686</p> <p>Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</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: C861-ARP-EV-DPL-000-055242 P03 Date: 08/06/17</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>North Arrow</p>		<p>Map Number</p> <p>CT-05-242</p> <p>Map Name</p> <p>Construction Phase</p> <p>Community Area</p> <p>Off-route Modifications to WCML between Crewe and Sandbach</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

- Community Area 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

- Existing woodland
- Existing buildings
- Existing inland water
- Existing contours
- HS2 access road
- Noise fence barrier
- Rail alignment
- Chainage (e.g. 10+000)

Map Number
CT-06-242

Map Name
Proposed Scheme

Community Area
Off-route Modifications to WCML between Crewe and Sandbach

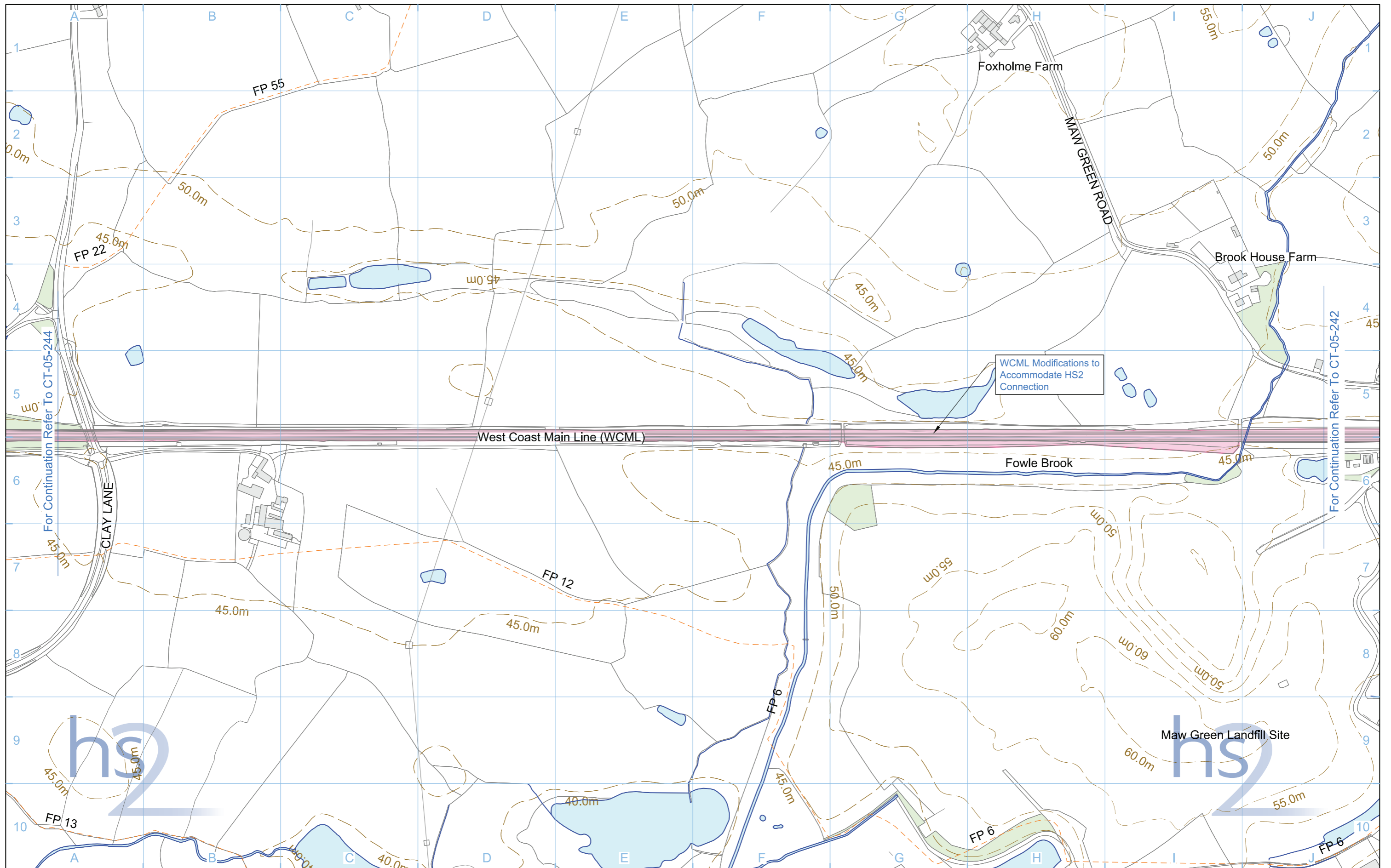
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Doc Number: C861-ARP-EV-DPL-000-056242 **P03** **Date:** 08/06/17



Legend 							

Map Number: **CT-05-243**

Map Name: **Construction Phase**

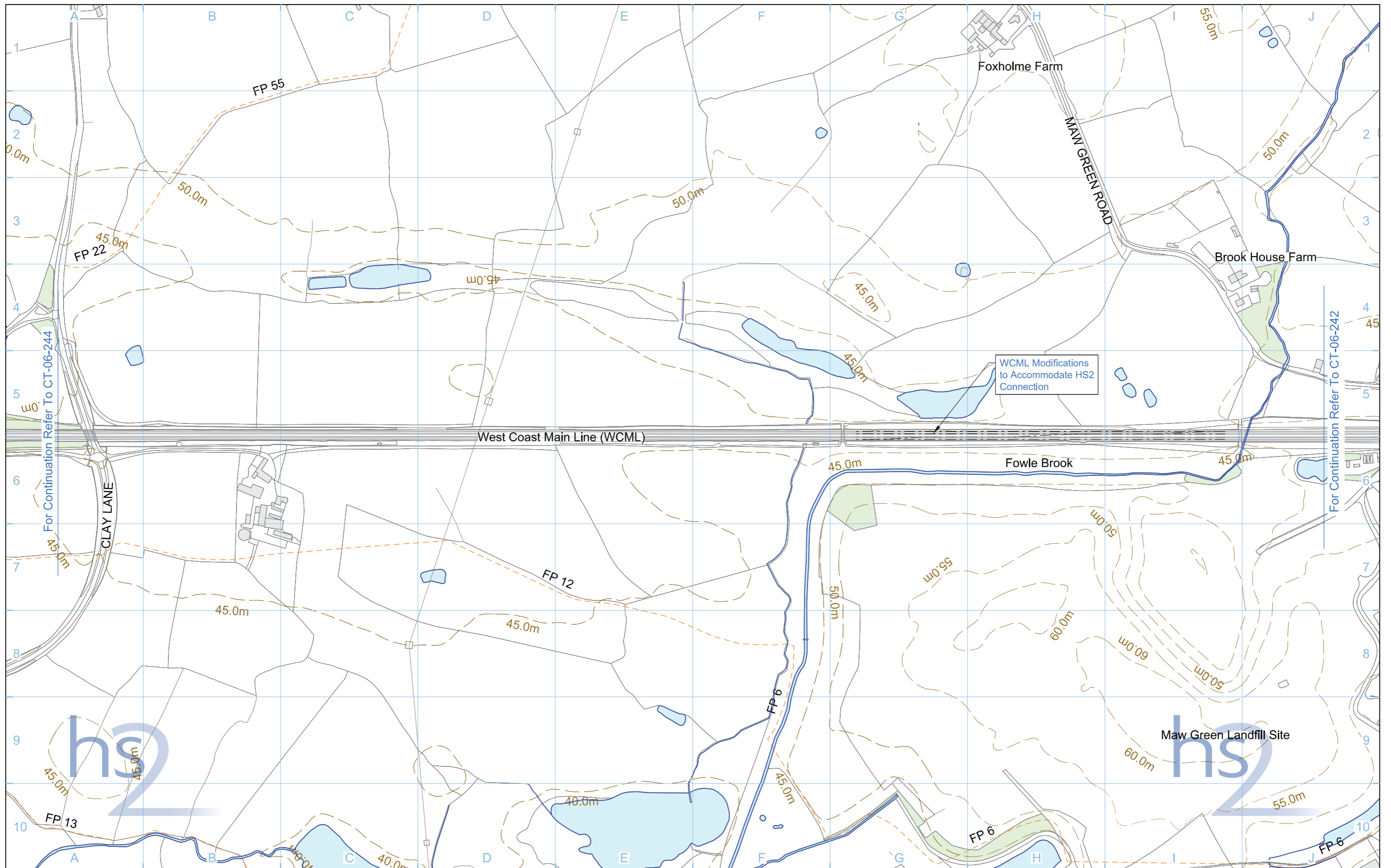
Community Area: **Off-route Modifications to WCML between Crewe and Sandbach**

Scale at A3: 1:5,000

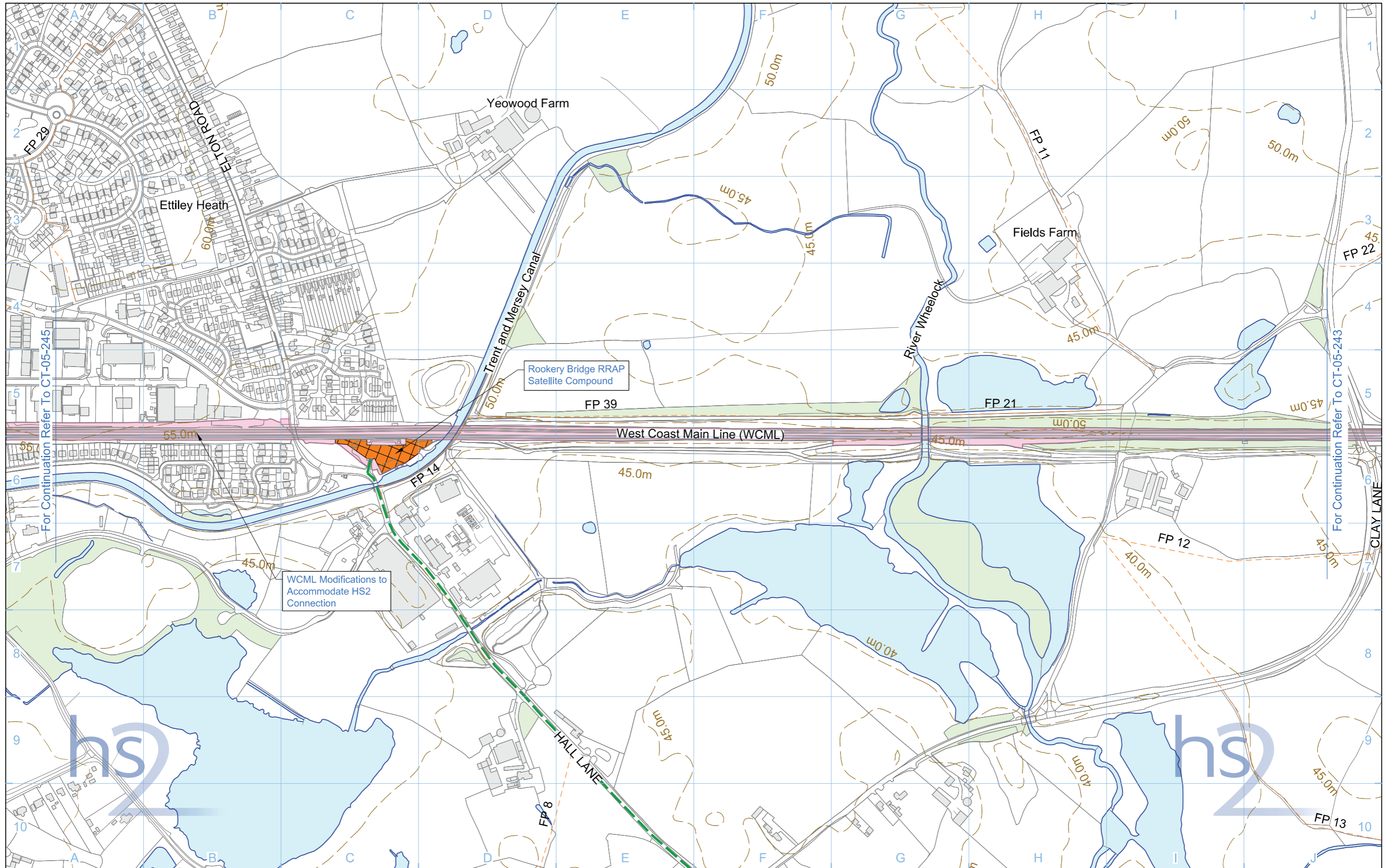
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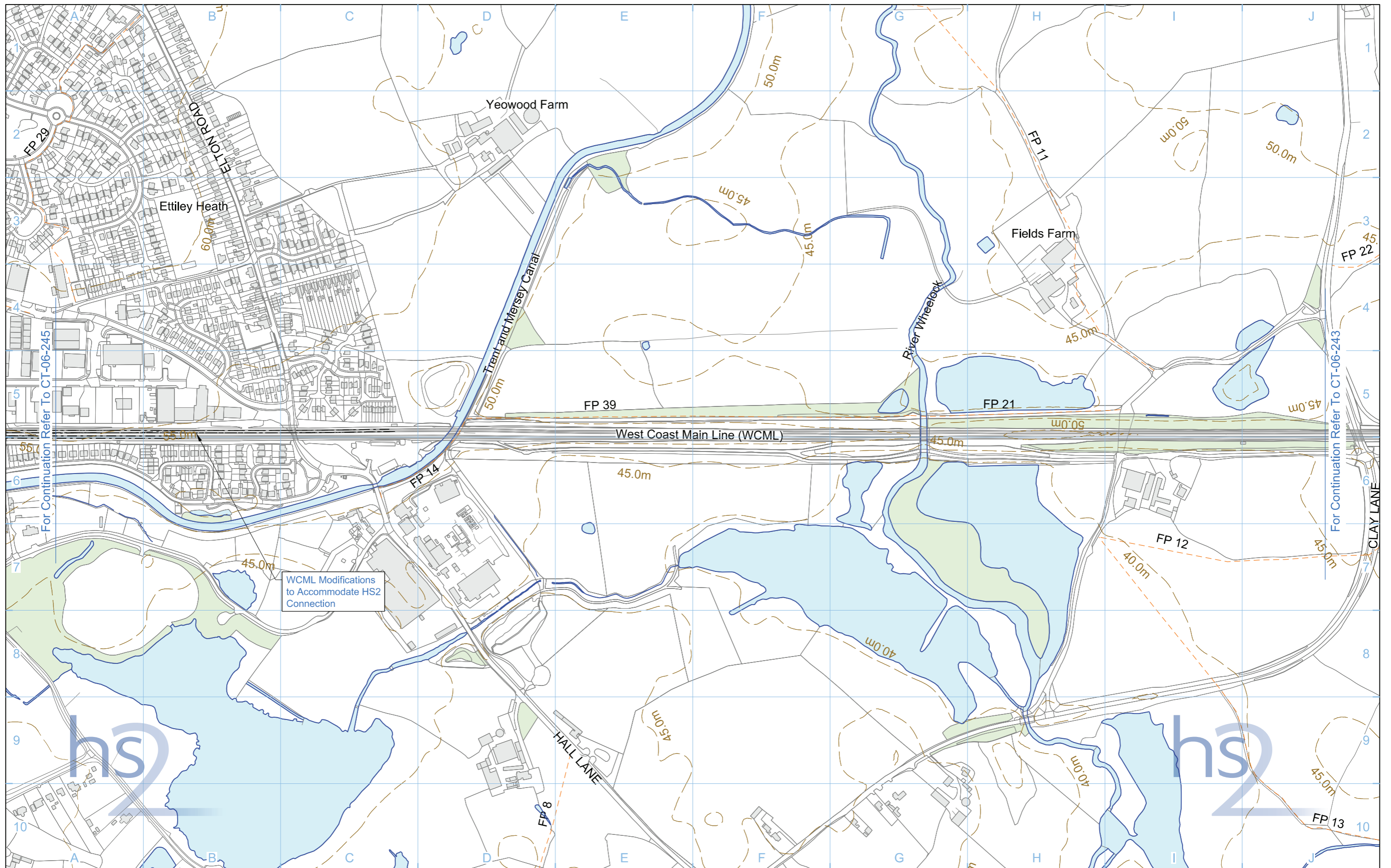
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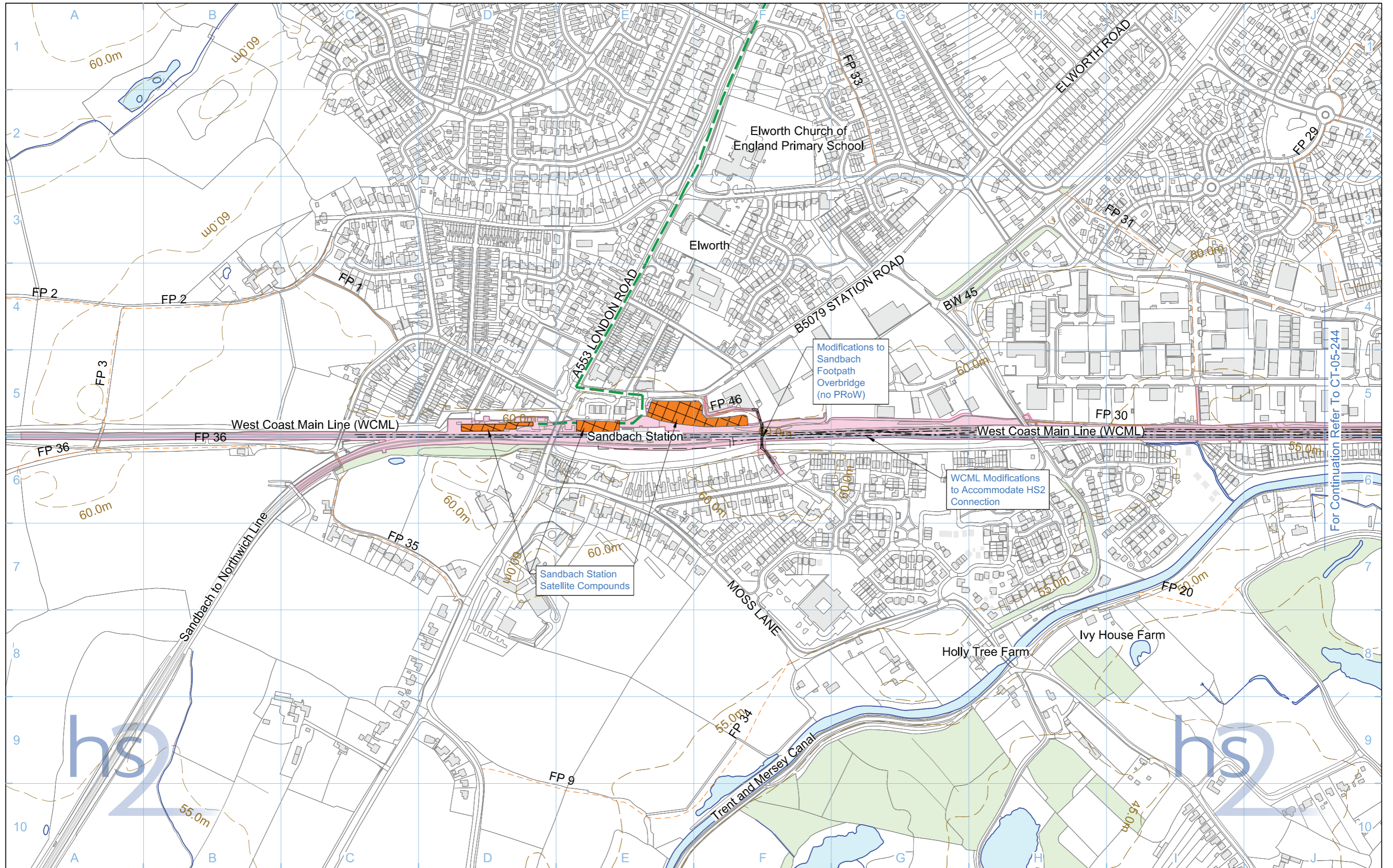
Legend 		Map Number CT-06-243 Map Name Proposed Scheme Community Area Off-route Modifications to WCML between Crewe and Sandbach	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England, Registration number 06791686 Registered offices: 2 Snow Hill, Queensway, Birmingham, B4 6GA 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: C861-ARP-EV-DPL-000-056243 P03 Date: 08/06/17
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Legend 							
Map Number CT-05-244		Map Name Construction Phase				<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>	
Community Area Off-route Modifications to WCML between Crewe and Sandbach		<small>Registered in England, Registration number 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</small>		<small>Scale at A3: 1:5,000</small> 		<small>© Crown copyright and database rights 2017, Ordnance Survey Licence Number 100049190.</small>	
				<small>Doc Number: C861-ARP-EV-DPL-000-055244</small>		<small>P03 Date: 08/06/17</small>	

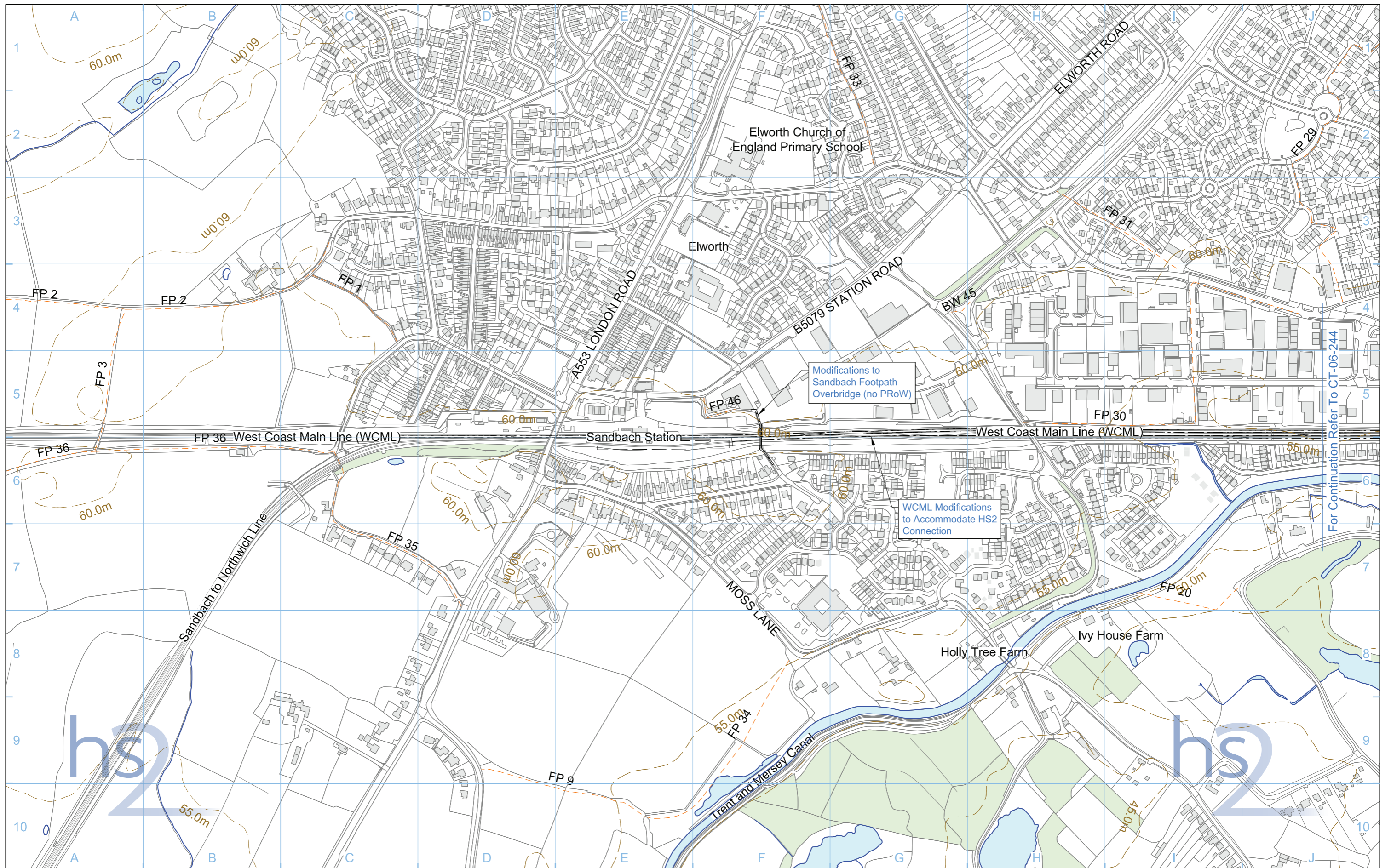


Legend 		Map Number CT-06-244		<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England, Registration number 06791686 Registered offices: 2 Snow Hill, Queensway, Birmingham, B4 6GA</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: C861-ARP-EV-DPL-000-056244 P03 Date: 08/06/17</p>
Map Name Proposed Scheme		Community Area Off-route Modifications to WCML between Crewe and Sandbach		



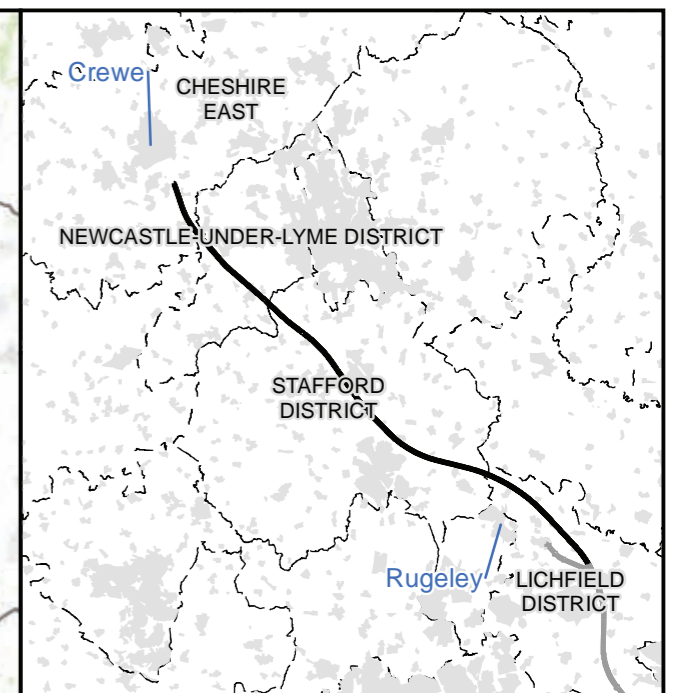
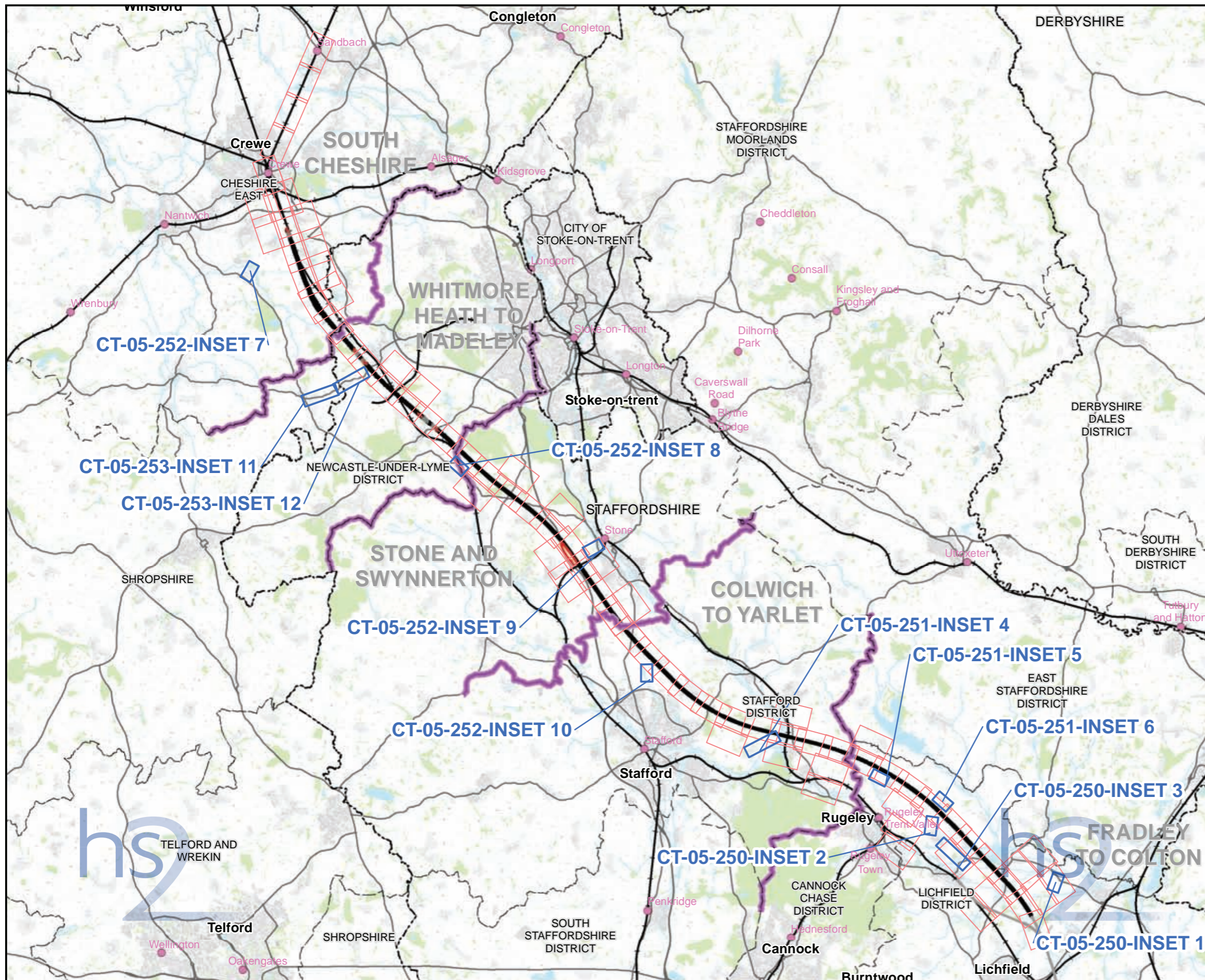
For Continuation Refer To CT-05-244

Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Railway systems compound Temporary material stockpile Borrow Pit Storage / prefabrication / laydown areas Land potentially required during construction Extent of land potentially required during construction for mitigation planting Temporary replacement community facility 		<ul style="list-style-type: none"> Community Area boundary Tunnels external extent Construction traffic route Existing public right of way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Temporary PRoW diversion / realignment 		<ul style="list-style-type: none"> Existing woodland Existing buildings Existing inland water Existing watercourse Existing contours Rail alignment formation Temporary workers accommodation 		<ul style="list-style-type: none"> Landscape earthworks Engineering earthworks Temporary highway diversion / realignment Main utility works Rail alignment Chainage (e.g. 10+000) 	
Map Number <p style="text-align: center; font-weight: bold; font-size: 1.2em;">CT-05-245</p>		Map Name <p style="text-align: center; font-weight: bold;">Construction Phase</p>					
Community Area <p>Off-route Modifications to WCML between Crewe and Sandbach</p>		<p>Registered in England, Registration number 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</p> <p style="text-align: right;">Scale at A3: 1:5,000</p>		<p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C861-ARP-EV-DPL-000-055245 P03 Date: 08/06/17</p>			



For Continuation Refer To CT-06-244

Legend 		Map Number CT-06-245 Map Name Proposed Scheme Community Area Off-route Modifications to WCML between Crewe and Sandbach	 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: 2 Snow Hill, Queensway, Birmingham, B4 6GA Scale at A3: 1:5,000 © Crown copyright and database rights 2017, Ordnance Survey Licence Number 100049190. Doc Number: C861-ARP-EV-DPL-000-056245 P03 Date: 08/06/17
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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 2017 Ordnance Survey (OS) data.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community area boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary
 - Map sheets included in offroute works package
 - Map sheets not included in offroute works package

Map Number	CT-05-INDEX-OR
Map Name	Index Map of: Construction Phase
	Off-route: Modifications to Existing Highways

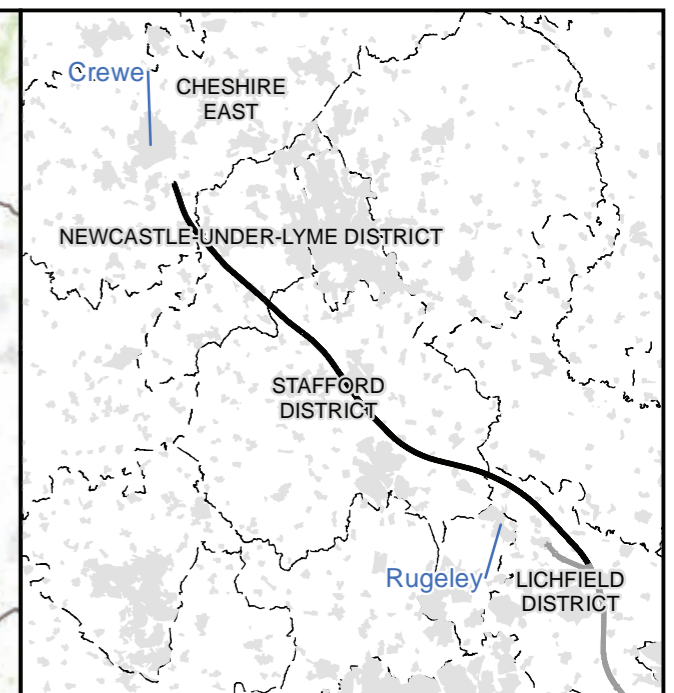
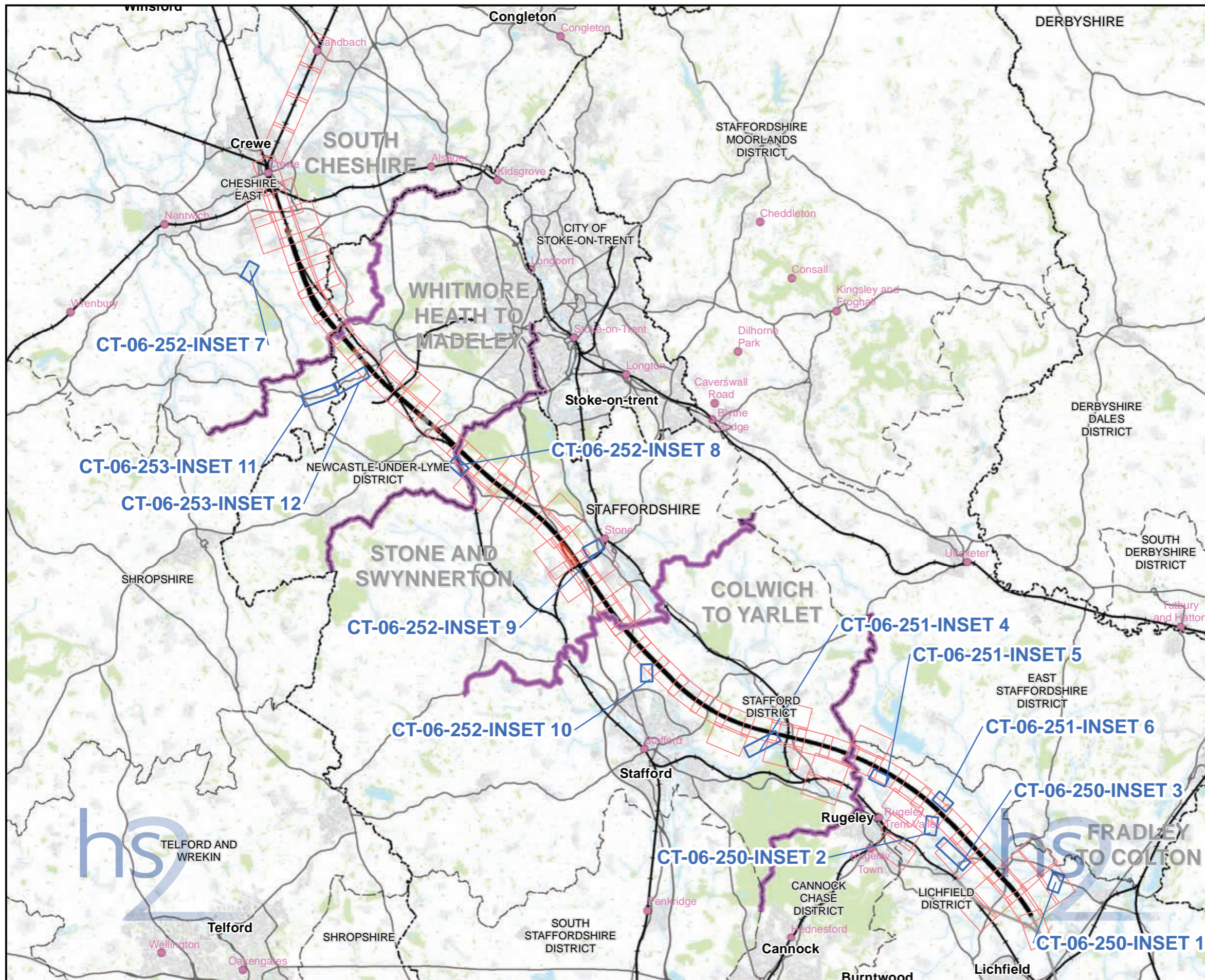
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Doc Number: C861-ARP-EV-MAP-000-000058-P03 Date: 06/06/17



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 shown on the plans is reflective of 2017 Ordnance Survey (OS) data.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community area boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary
 - Map sheets included in offroute works package
 - Map sheets not included in offroute works package

Map Number	CT-06-INDEX-OR
Map Name	Index Map of: Proposed Scheme
	Off-route: Modifications to Existing Highways

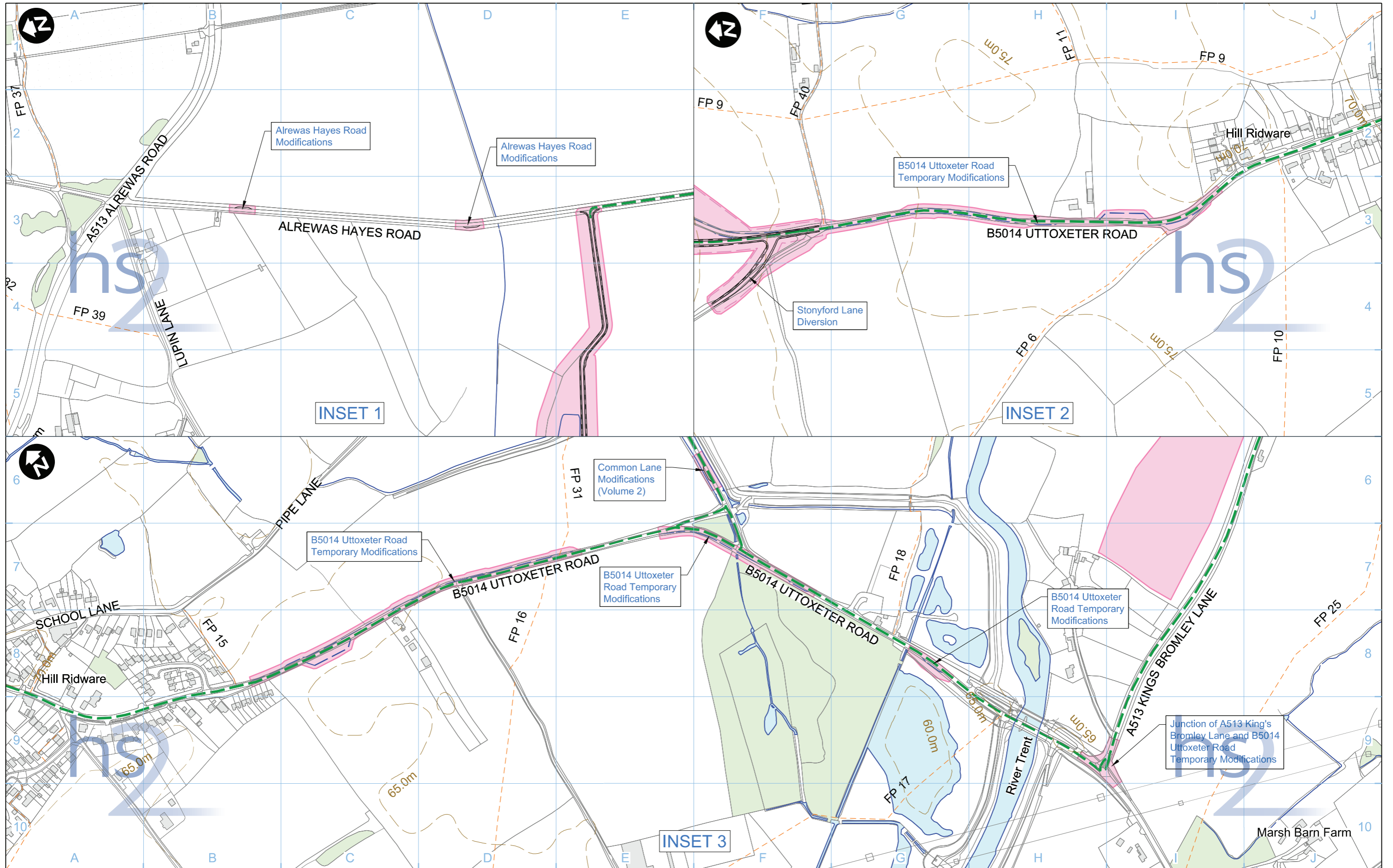
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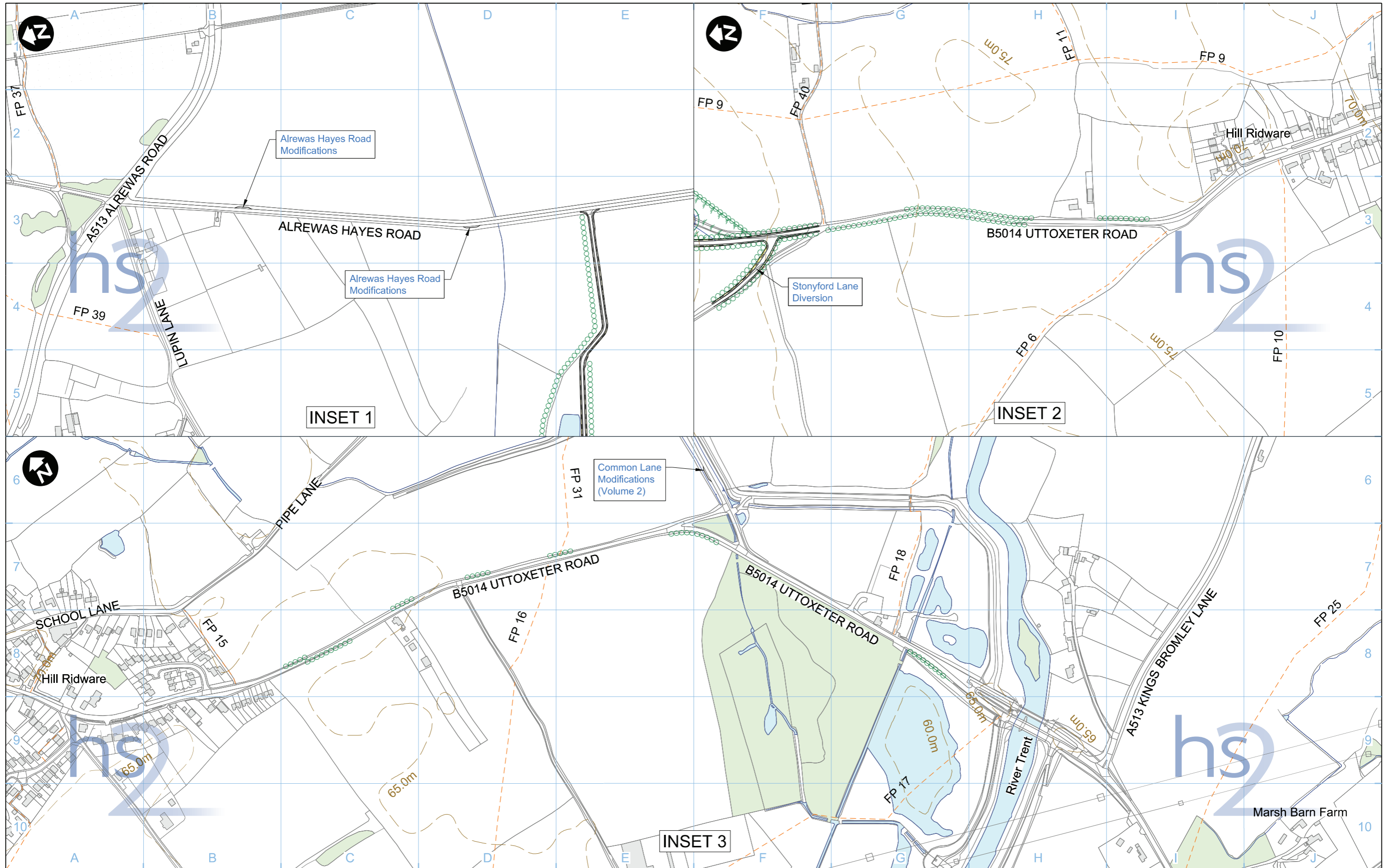
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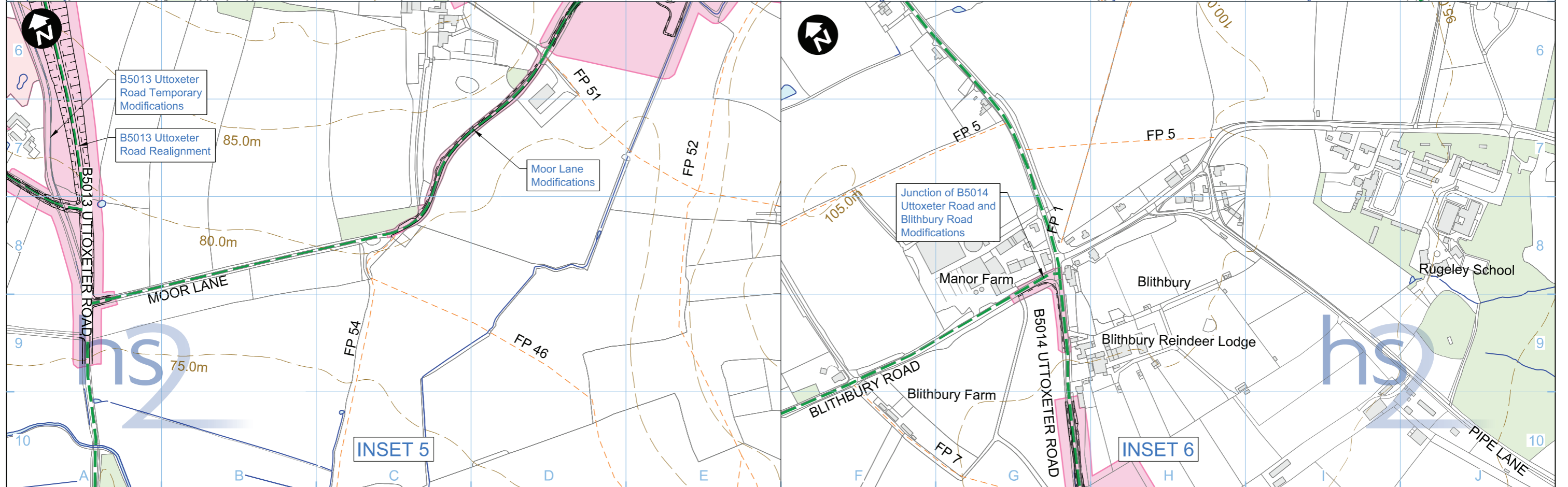
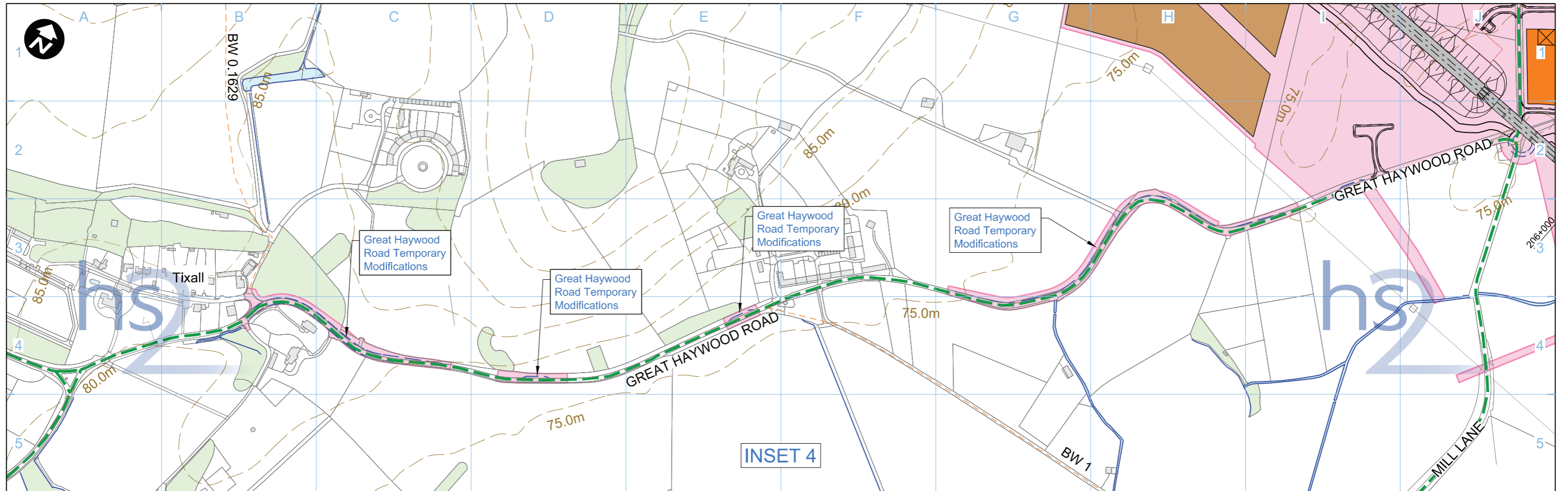
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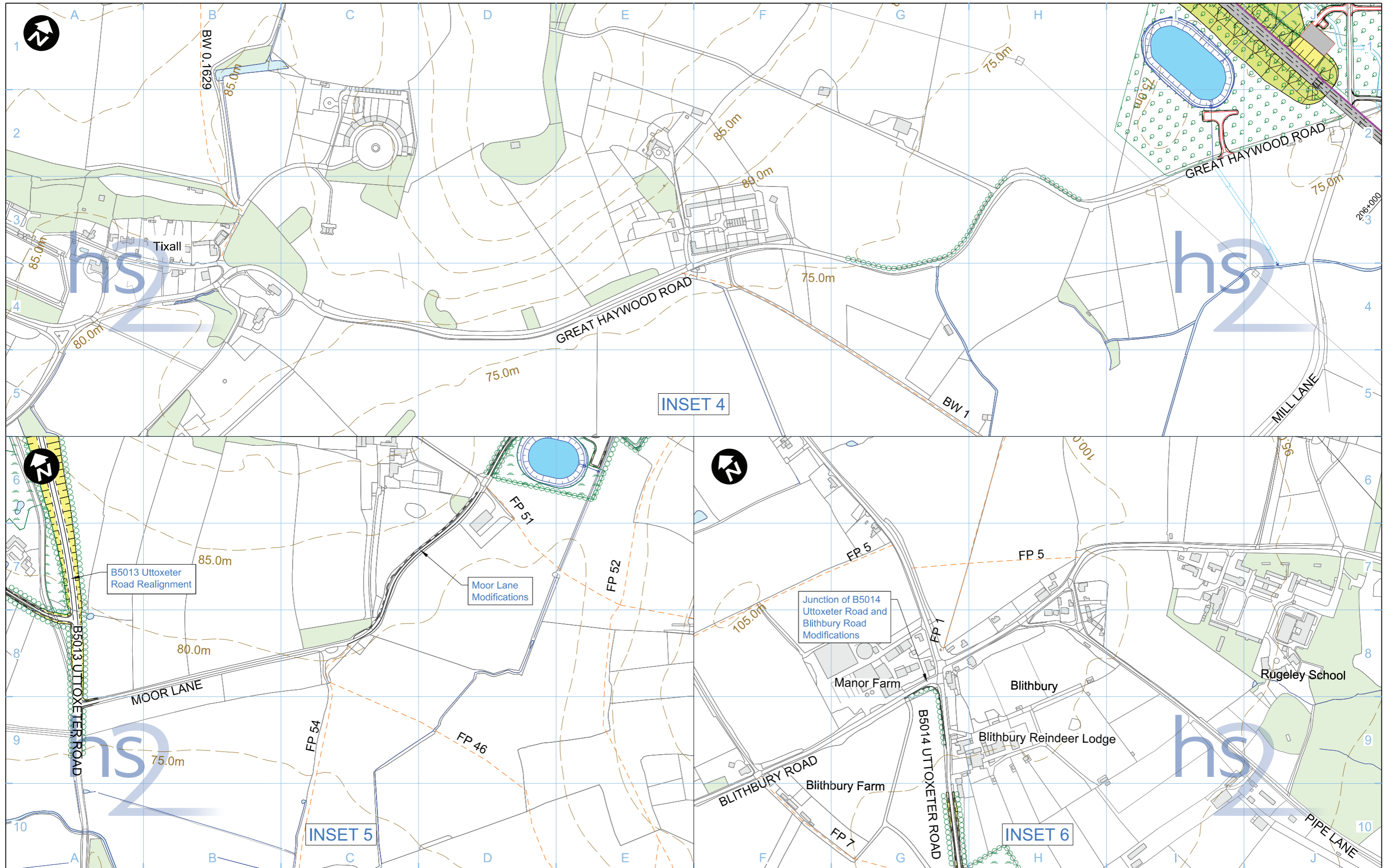
Legend 							
Map Number CT-05-250		Map Name Construction Phase				<small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small>	
Community Area Off-route Modifications to Existing Highways		<small>Registered in England, Registration number 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</small>		<small>Scale at A3: 1:5,000</small>		<small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small>	
				<small>Doc Number: C861-ARP-EV-DPL-000-065000</small>		<small>P02 Date: 08/06/17</small>	



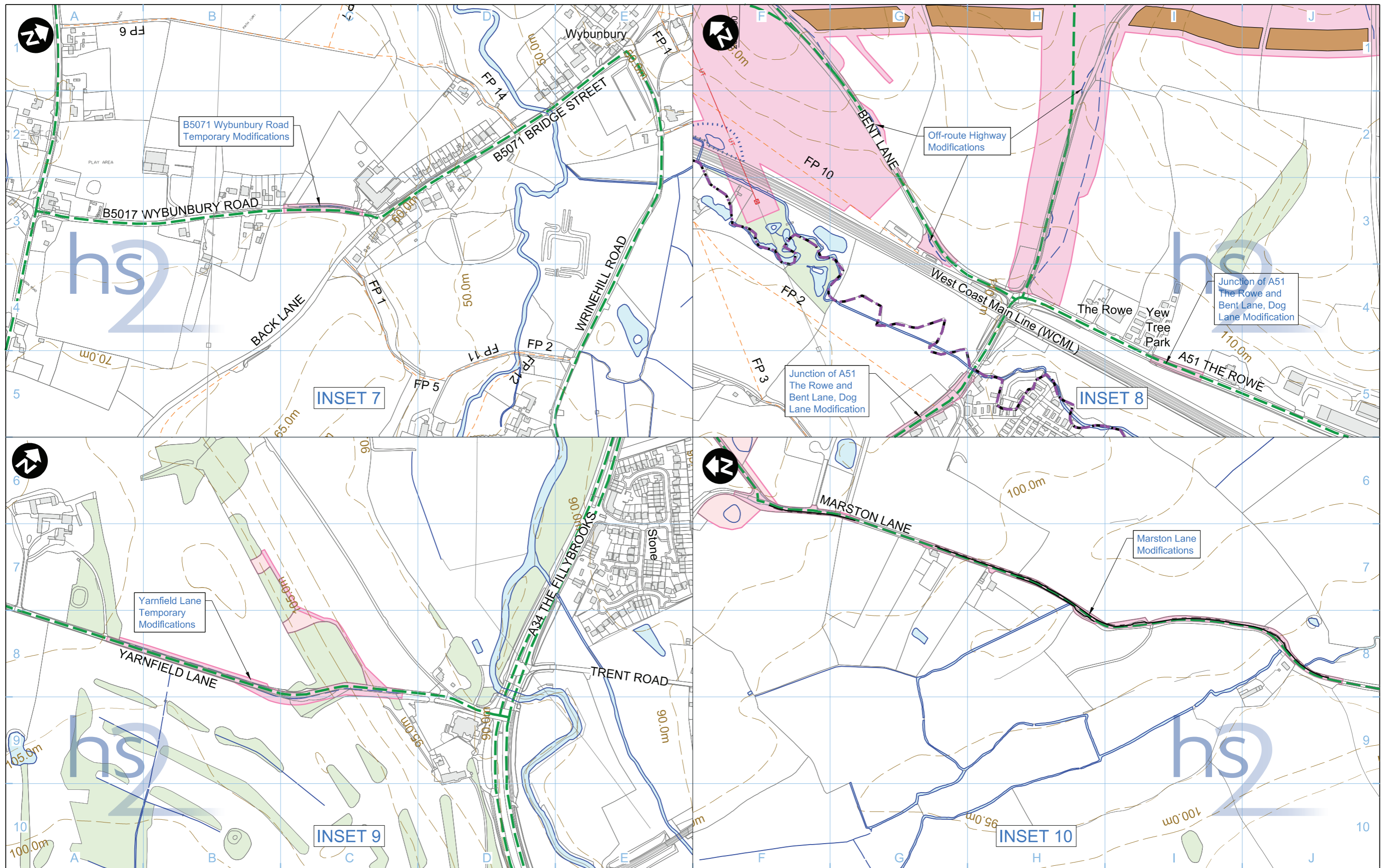
Legend 								
<ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond 	<ul style="list-style-type: none"> Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement 	<ul style="list-style-type: none"> Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary 	<ul style="list-style-type: none"> Community Area 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 	<ul style="list-style-type: none"> Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000) 	<p>Map Number: CT-06-250</p> <p>Map Name: Proposed Scheme</p> <p>Community Area: Off-route Modifications to Existing Highways</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 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</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: C861-ARP-EV-DPL-000-066000 P02 Date: 08/06/17</p>	



Legend 		Map Number CT-05-251	 <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 offices: 2 Snow Hill, Queensway, Birmingham, B4 6GA</small> <small>Scale at A3: 1:5,000</small> <small>© Crown copyright and database rights 2017, Ordnance Survey Licence Number 100049190.</small> Doc Number: C861-ARP-EV-DPL-000-065001 P02 Date: 08/06/17
Map Name Construction Phase Community Area Off-route Modifications to Existing Highways			



Legend 		Map Number CT-06-251	 <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 offices: 2 Snow Hill, Queensway, Birmingham, B4 6GA</small> <small>Scale at A3: 1:5,000</small> <small>© Crown copyright and database rights 2017, Ordnance Survey Licence Number 100049190.</small> Doc Number: C861-ARP-EV-DPL-000-066001 P02 Date: 08/06/17
Map Name Proposed Scheme		Community Area Off-route Modifications to Existing Highways	



Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Main construction compound
	Satellite construction compound
	Railway systems compound
	Temporary material stockpile
	Borrow Pit
	Storage / prefabrication / laydown areas
	Land potentially required during construction
	Extent of land potentially required during construction for mitigation planting
	Temporary replacement community facility
	Community Area boundary
	Tunnels external extent
	Construction traffic route
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
	Landscape earthworks
	Engineering earthworks
	Temporary highway diversion / realignment
	Main utility works
	Rail alignment
	Chainage (e.g. 10+000)
	Existing woodland
	Existing buildings
	Existing inland water
	Existing watercourse
	Existing contours
	Rail alignment formation
	Temporary workers accommodation

Map Number	CT-05-252
Map Name	Construction Phase
Community Area	Off-route Modifications to Existing Highways

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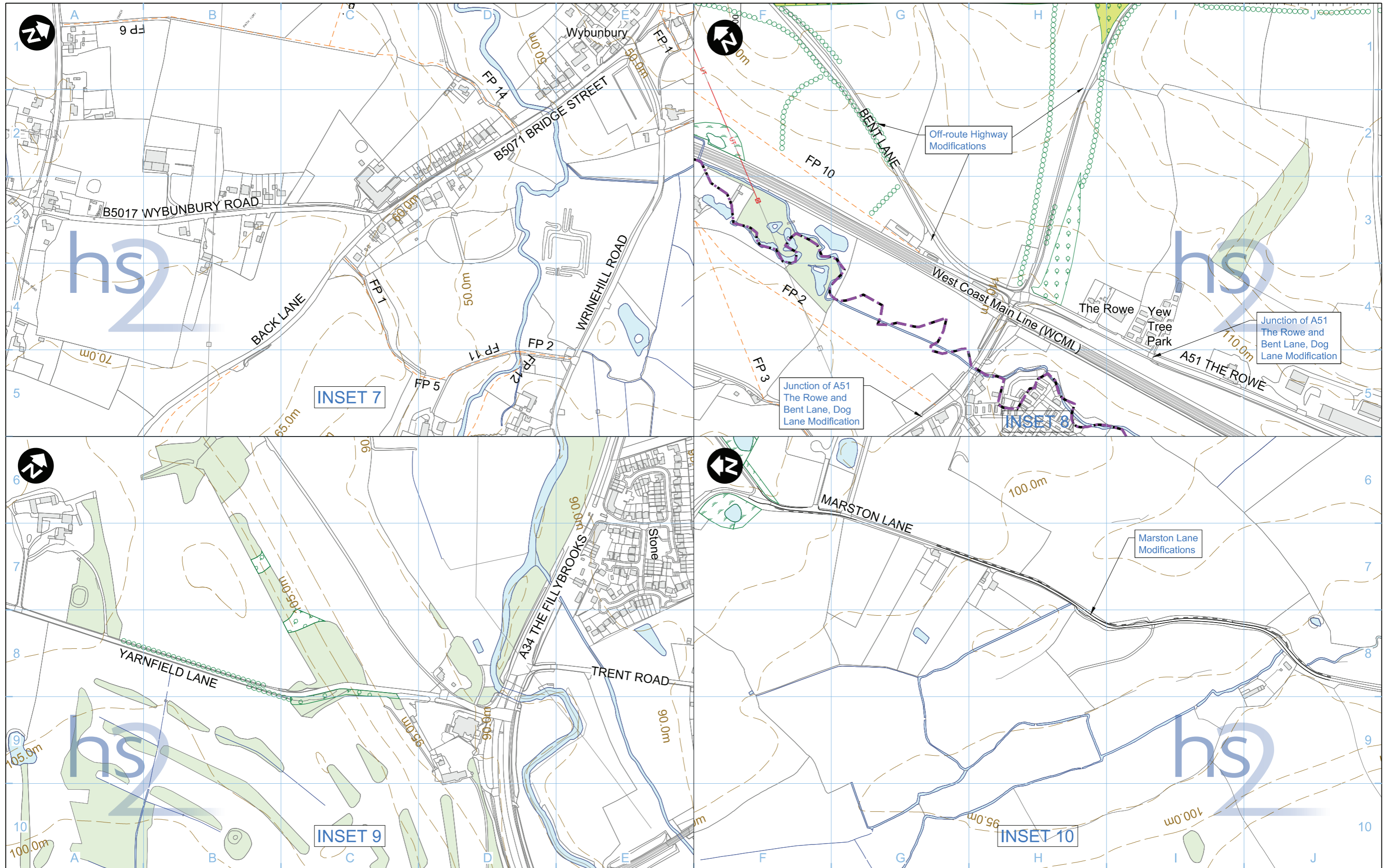
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Metres

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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
	Community Area boundary
	Watercourse diversion or Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	UT Main utility works
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent

	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number	CT-06-252
Map Name	Proposed Scheme
Community Area	Off-route Modifications to Existing Highways

hs2

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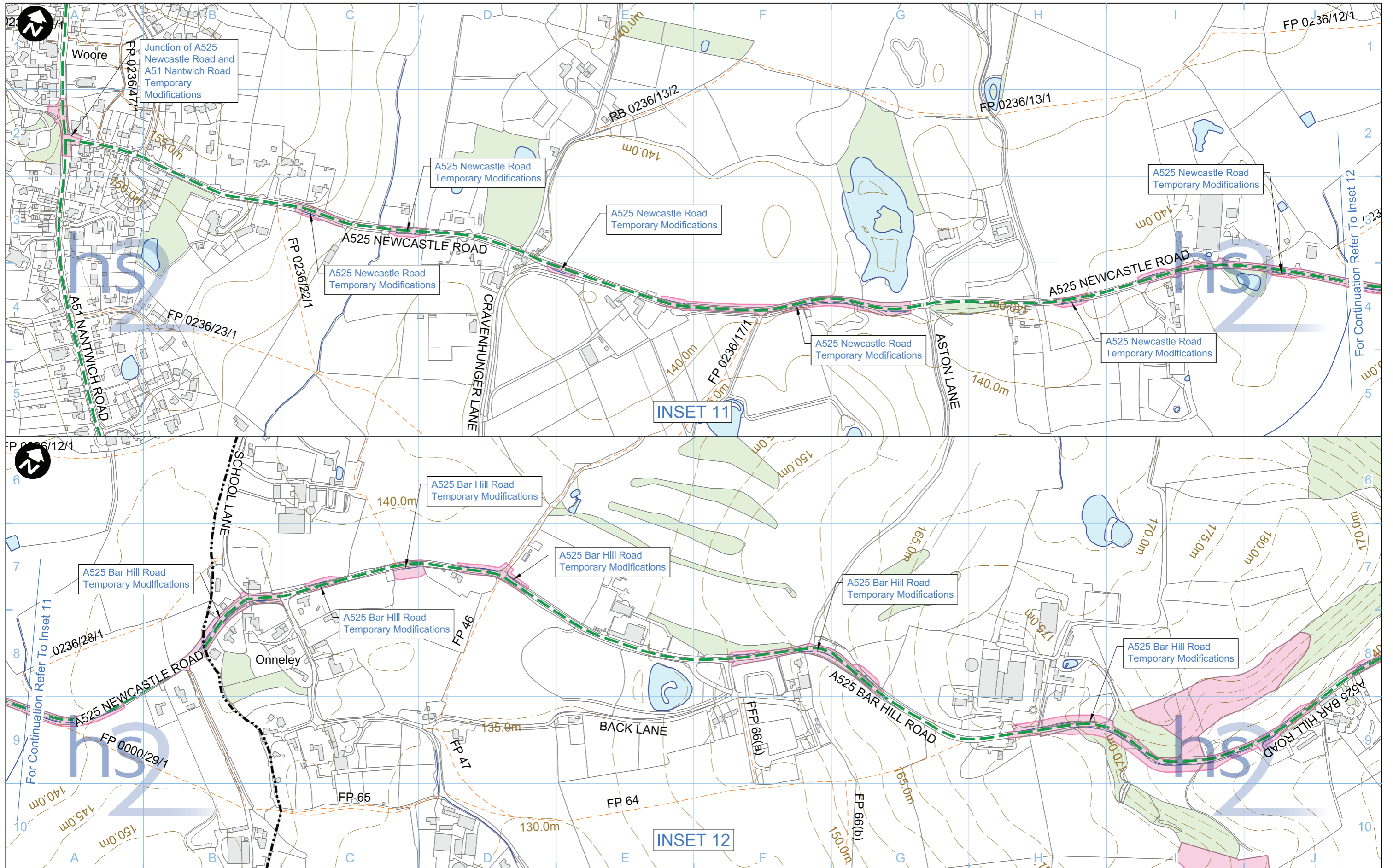
Registered in England, Registration number 06791686
Registered offices: 2 Snow Hill, Queensway, Birmingham, B4 6GA

Scale at A3: 1:5,000

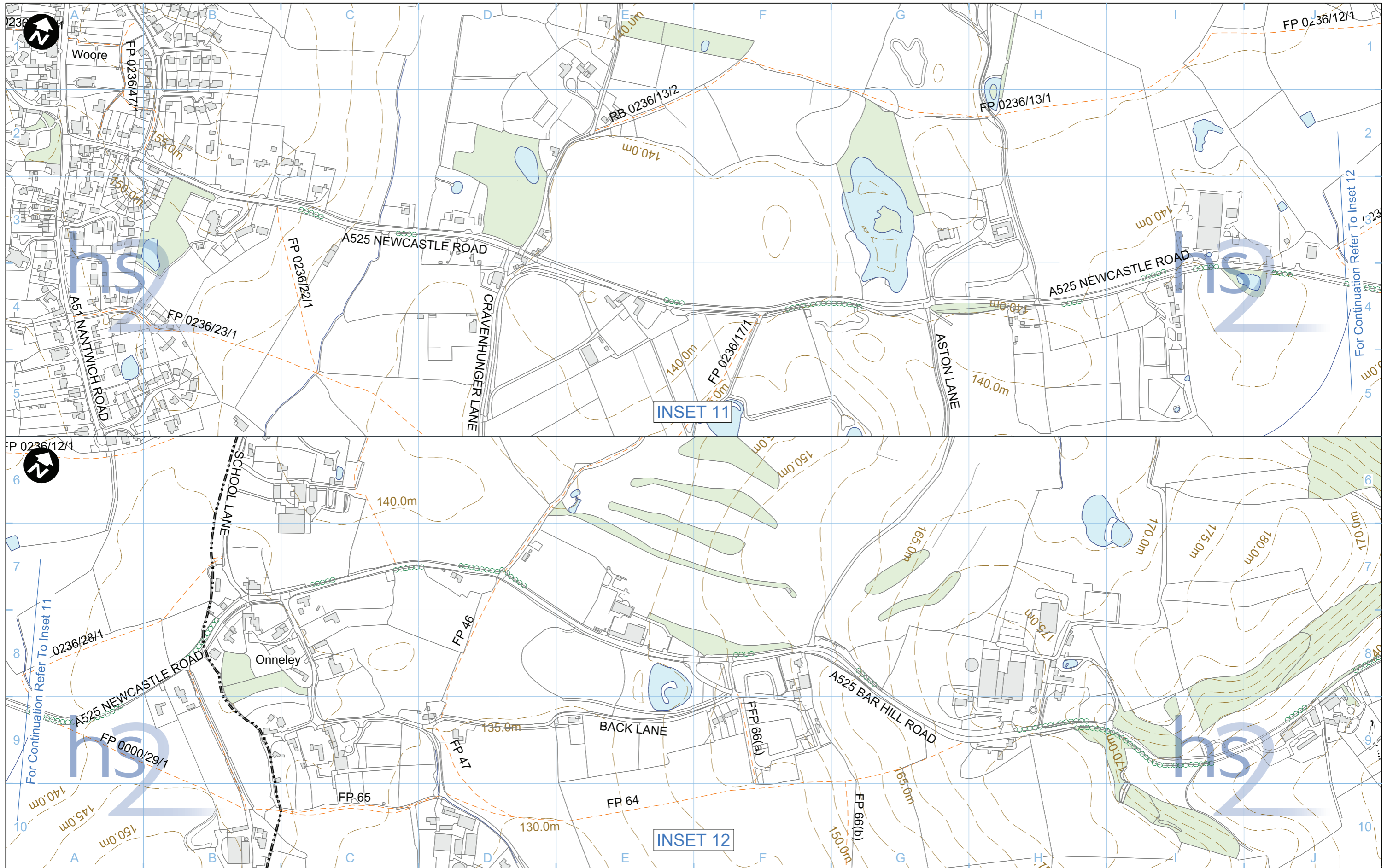
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Doc Number: C861-ARP-EV-DPL-000-066002 P03 Date: 14/06/17



Legend 										Map Number CT-05-253		<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: 2 Snow Hill, Queensway, Birmingham, B4 6GA</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: C861-ARP-EV-DPL-000-065003 P02 Date: 08/06/17</p>
										Map Name Construction Phase		
										Community Area Off-route Modifications to Existing Highways		



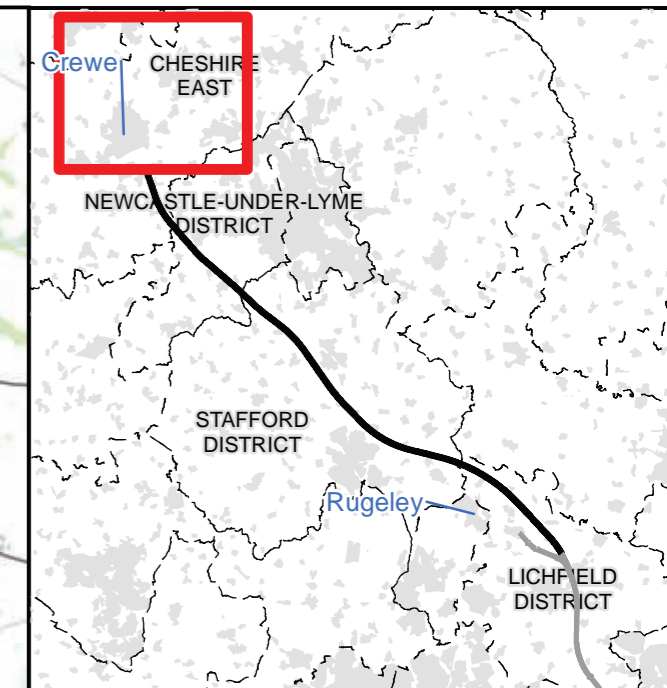
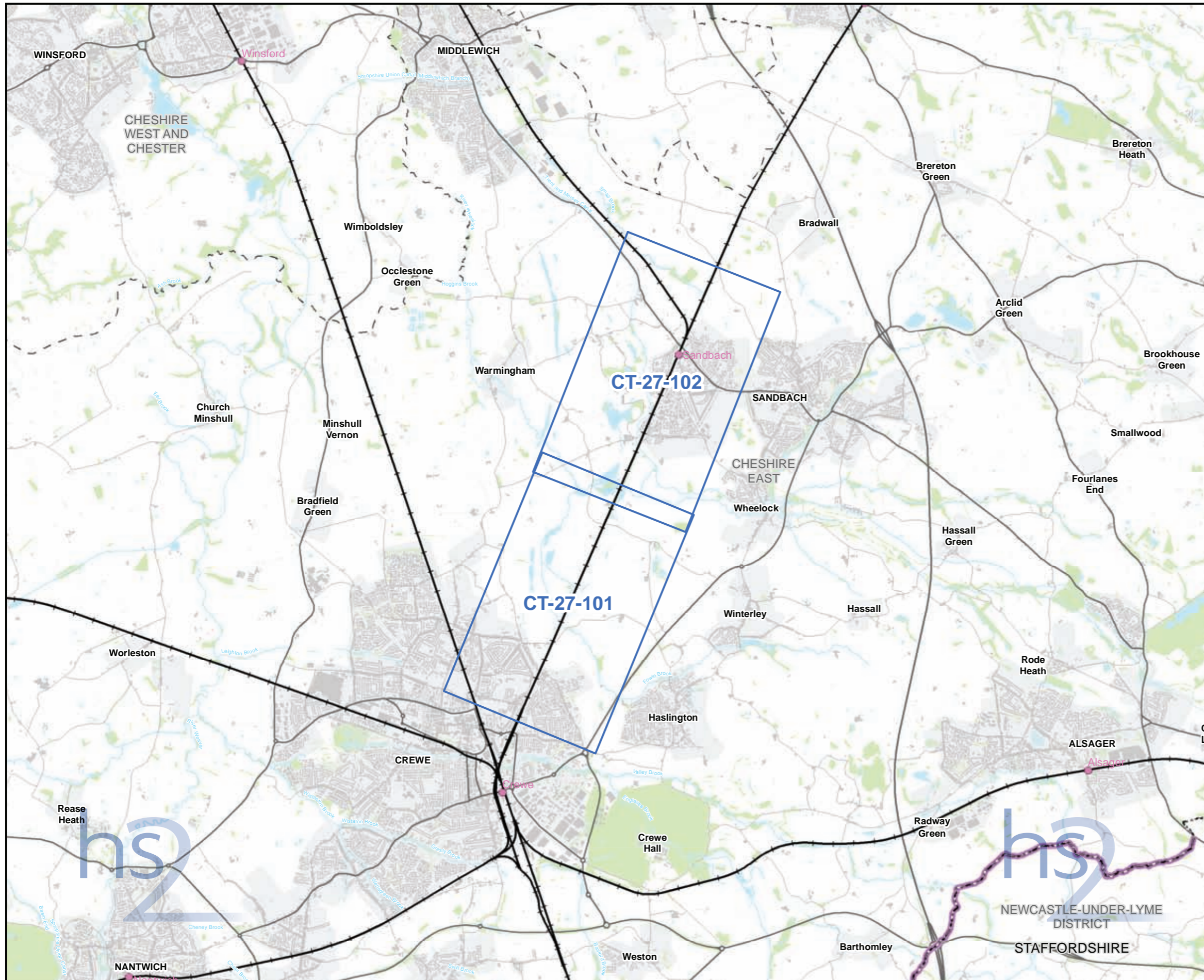
Legend 		Map Number CT-06-253	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England, Registration number 06791686 Registered offices: 2 Snow Hill, Queensway, Birmingham, B4 6GA Scale at A3: 1:5,000
Map Name Proposed Scheme		Community Area Off-route Modifications to Existing Highways	
Doc Number: C861-ARP-EV-DPL-000-066003		P02	Date: 08/06/17

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High Speed Rail (West Midlands-Crewe)

Environmental Statement

CT-27 – Environmental baseline - Crewe interventions



Map Series Information:

The Environmental Baseline maps display a range of environmental data layers.

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

Main Map Legend	
Route in tunnel	Map sheets included in this community area
Route on surface	Map sheets not included in this community area
Depot, station, headhouse or portal building	Existing railway station
Community area boundary	County boundary
Existing railway station	District/Borough boundary

Map Number	CT-27-INDEX
Map Name	Index Map of: Environmental Baseline - Crewe Interventions
Off-route Works Crewe to Manchester Line: Crewe to Sandbach	

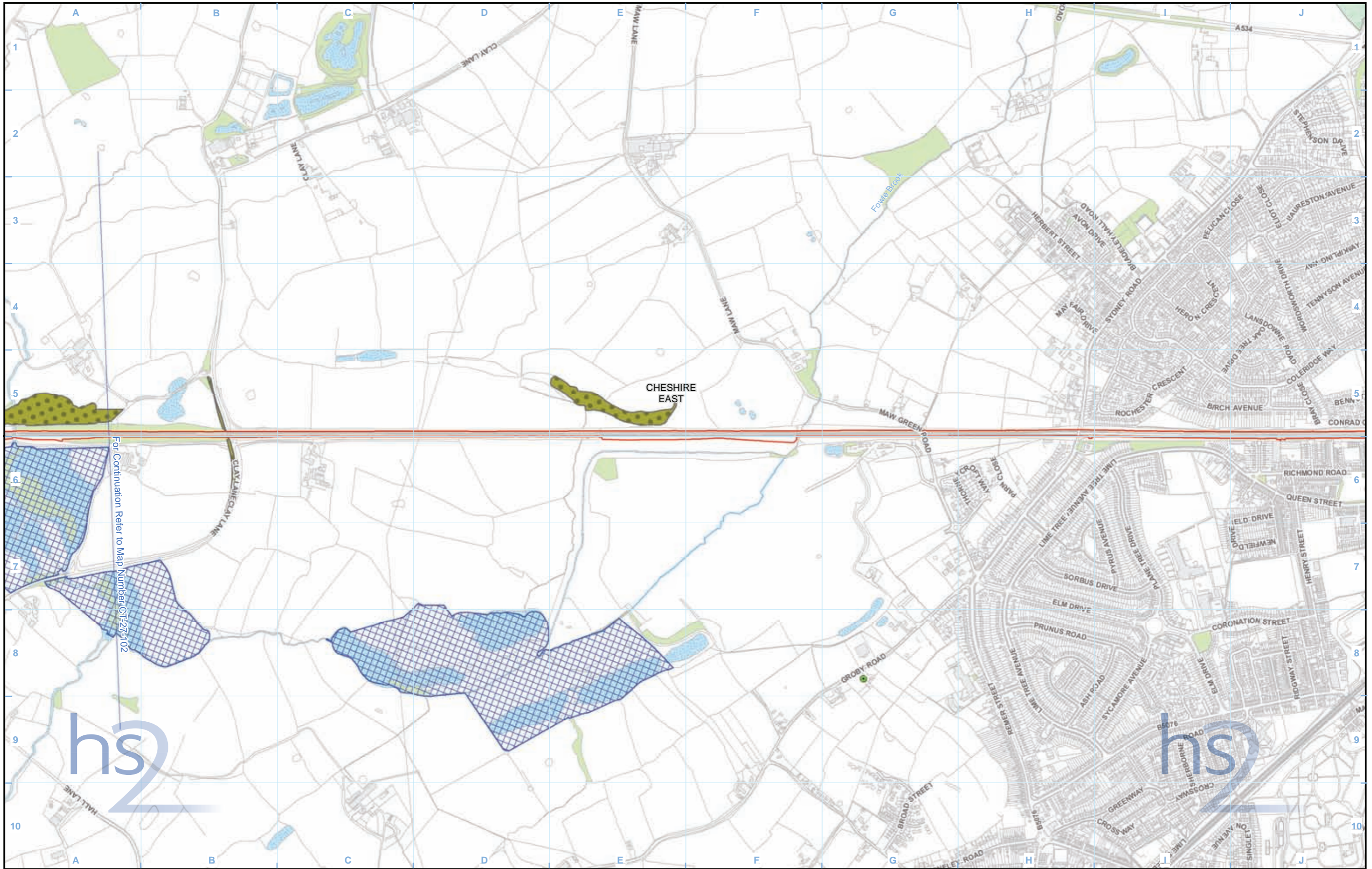
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For Continuation Refer to Map Number CT-27-102

Legend			

Map Number	CT-27-101
Map Name	Environmental Baseline - Crewe Interventions
	Off-route Works Crewe to Manchester Line: Crewe to Sandbach

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Date: 14/06/17



Legend			

Map Number	CT-27-102
Map Name	Environmental Baseline - Crewe Interventions
Off-route Works Crewe to Manchester Line: Crewe to Sandbach	

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Doc Number: C861-ARP-EV-MAP-000-061102-P04

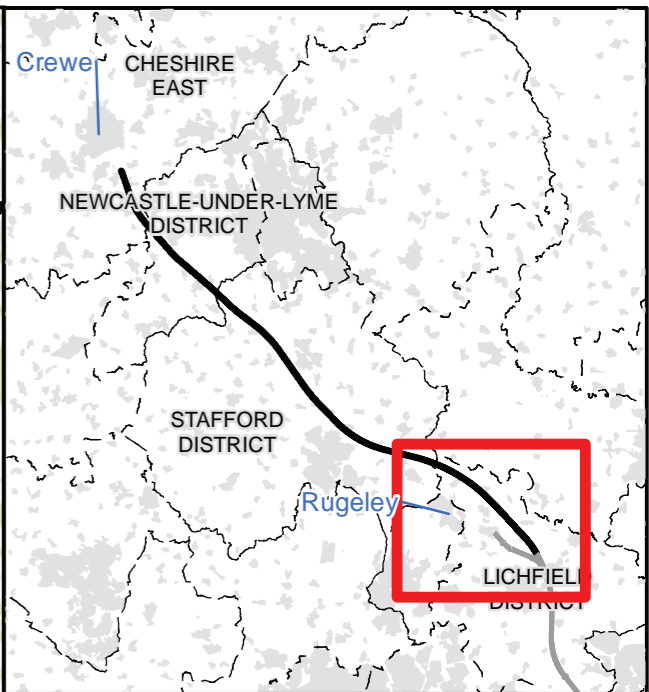
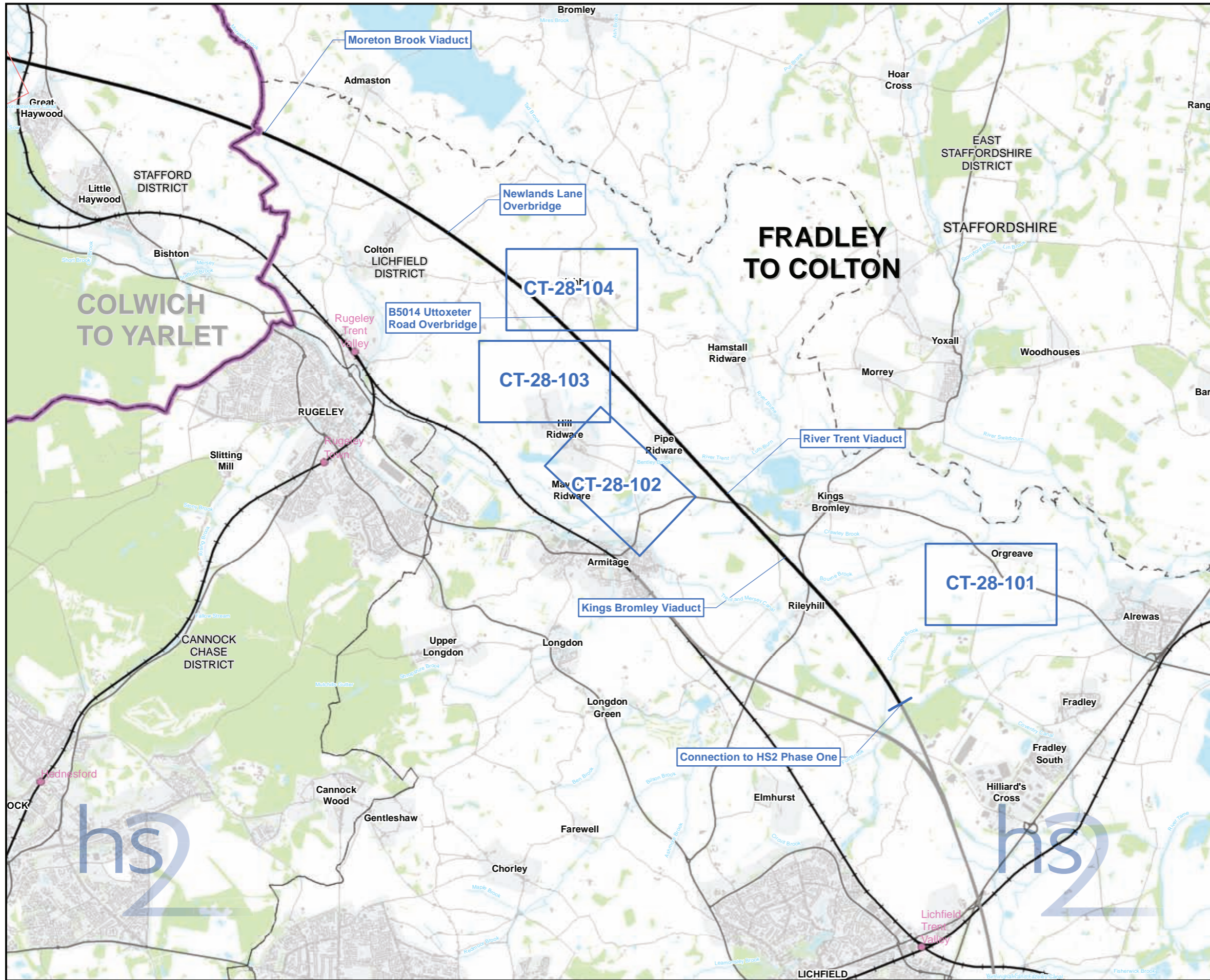
Date: 14/06/17

For Continuation Refer to Map Number CT-27-101

High Speed Rail (West Midlands-Crewe)

Environmental Statement

CT-28 – Environmental baseline including heritage assets



Map Series Information:
 The Environmental Baseline maps display a range of environmental data layers.

Main Map Legend	
Route in tunnel	Map sheets included in this community area
Route on surface	Map sheets not included in this community area
Depot, station, headhouse or portal building	Community area boundary
Existing railway station	County boundary
District/Borough boundary	

Map Number	CT-28-INDEX-CA1
Map Name	Index Map of: Environmental Baseline including Heritage Assets
Community Area 1: Fradley to Colton	

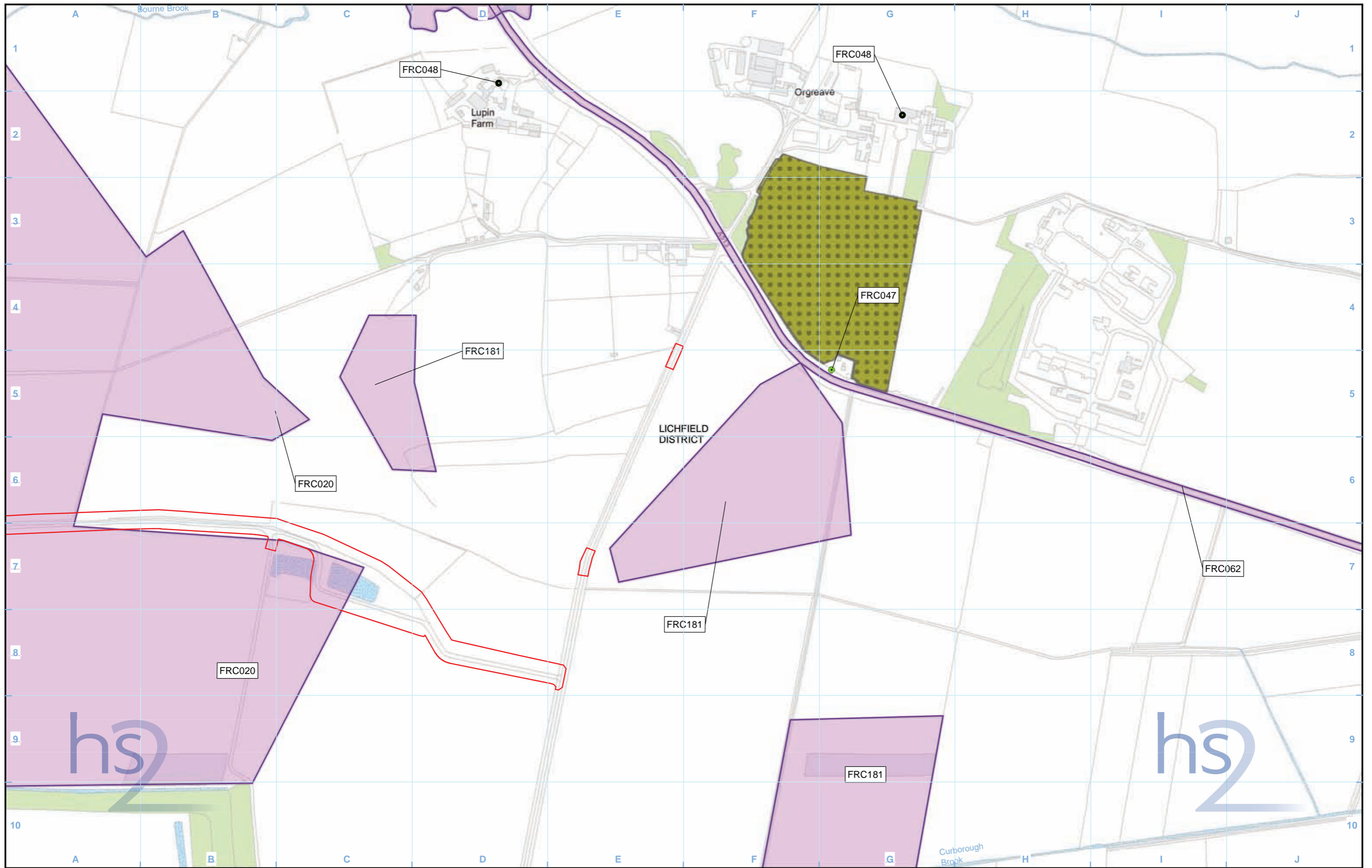
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Legend			

Map Number	CT-28-101
Map Name	Environmental Baseline including Heritage Assets
	Community Area 1: Fradley to Colton

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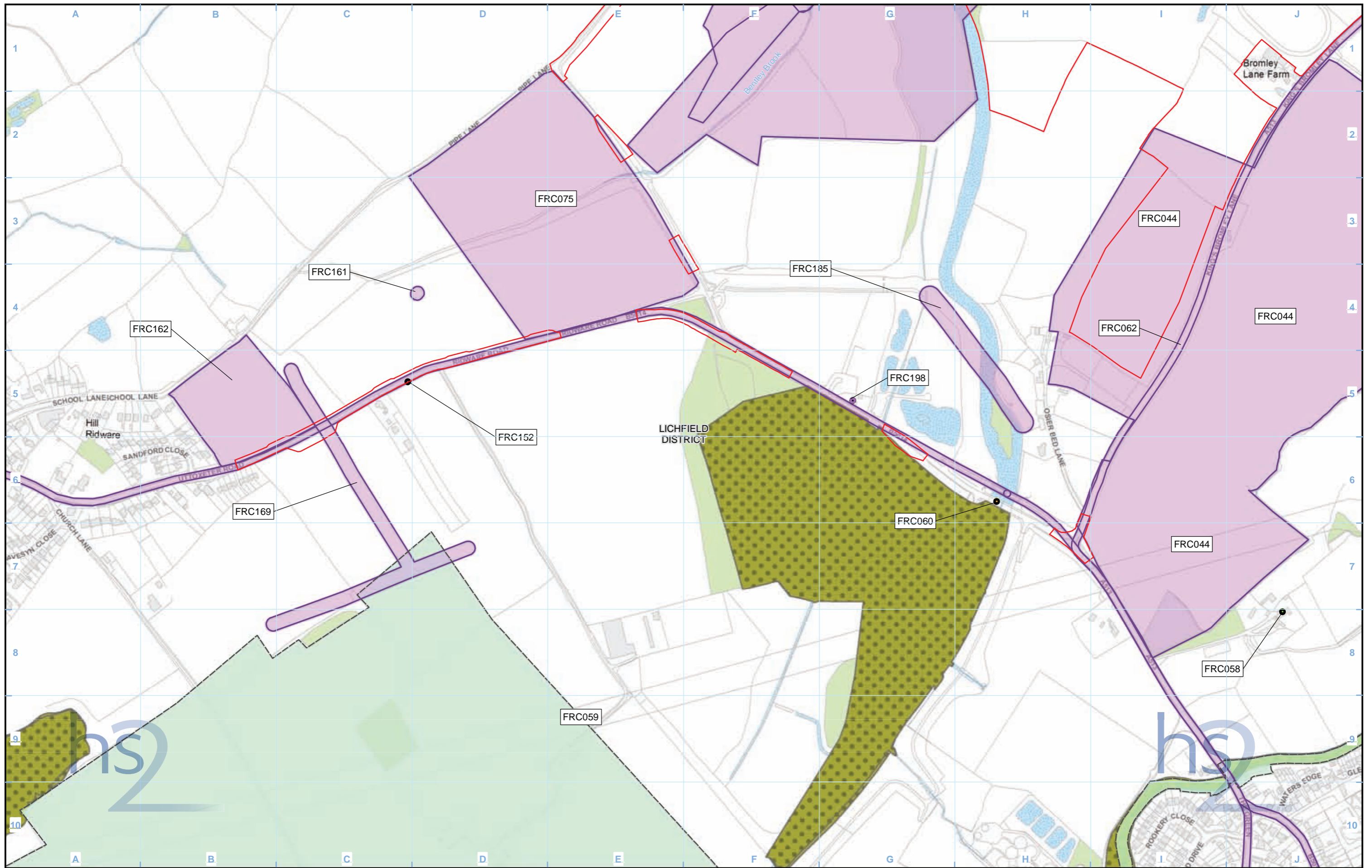
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Legend			

Map Number	CT-28-102
Map Name	Environmental Baseline including Heritage Assets
	Community Area 1: Fradley to Colton

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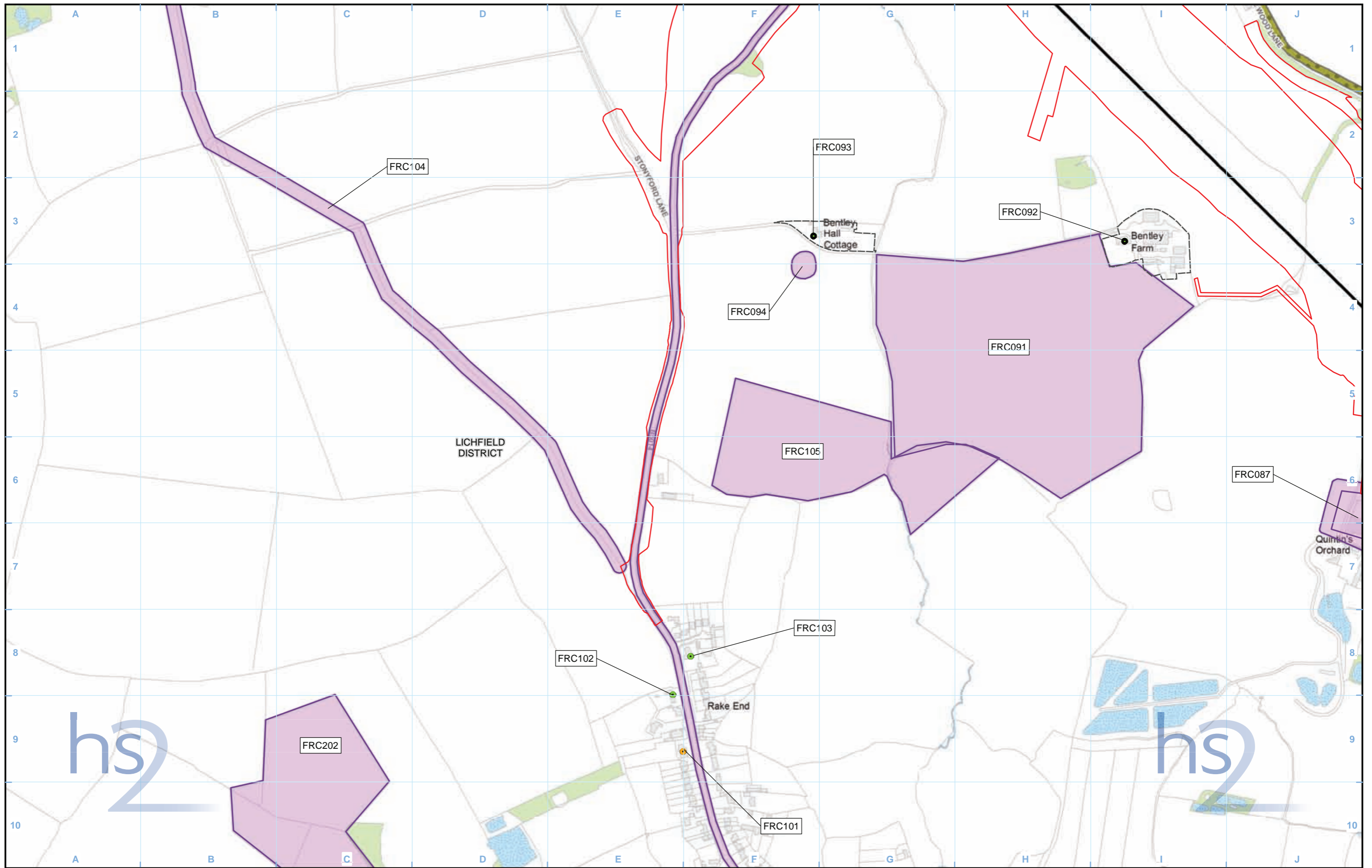
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Legend			

Map Number	CT-28-103
Map Name	Environmental Baseline including Heritage Assets
	Community Area 1: Fradley to Colton

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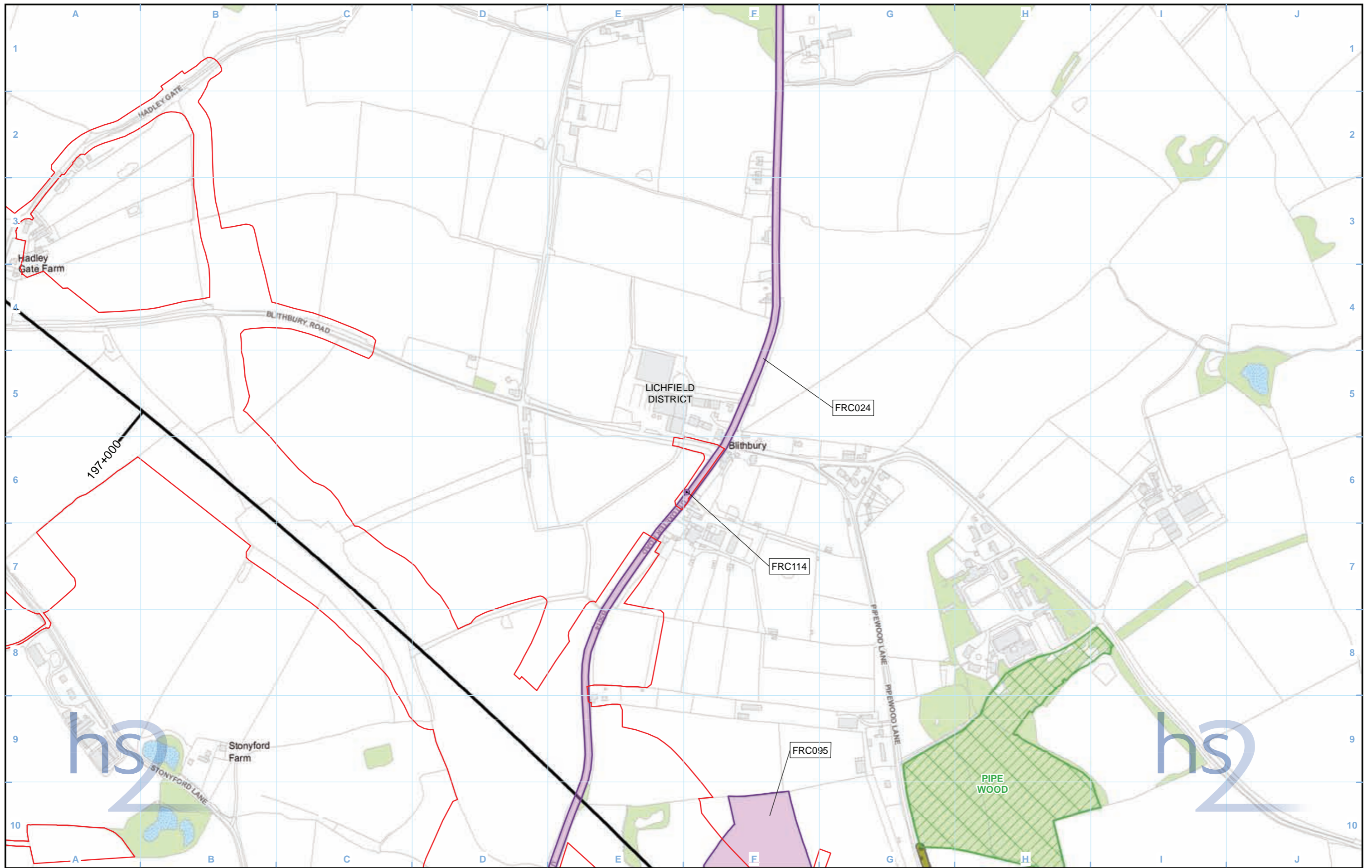
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Legend			

Map Number	CT-28-104
Map Name	Environmental Baseline including Heritage Assets
	Community Area 1: Fradley to Colton

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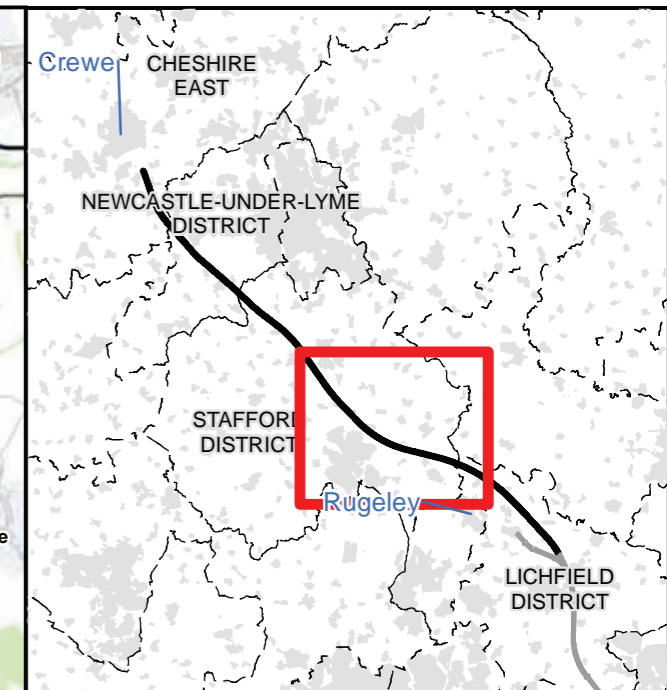
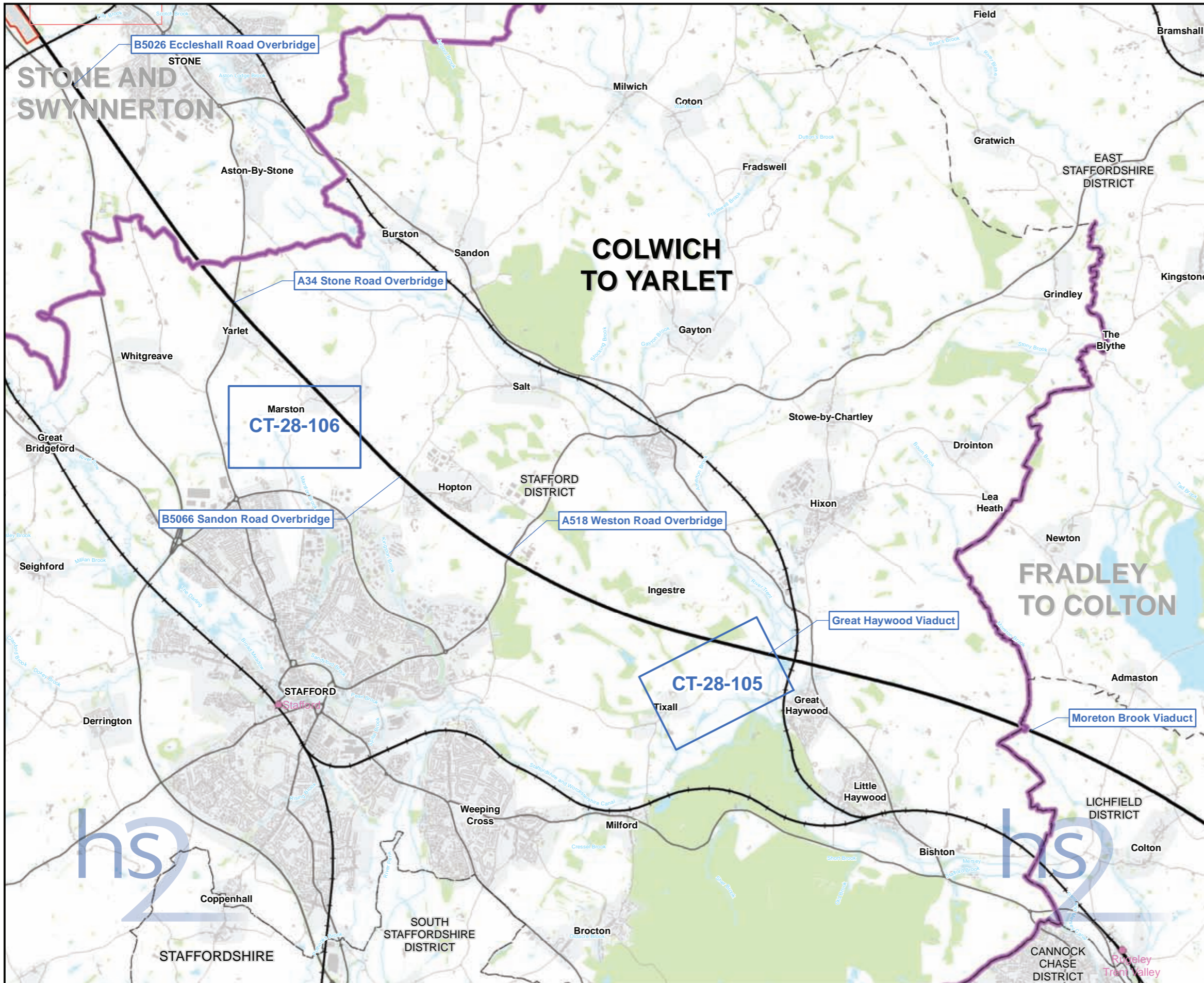
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Main Map Legend	
Route in tunnel	Map sheets included in this community area
Route on surface	Map sheets not included in this community area
Depot, station, headhouse or portal building	Community area boundary
Community area boundary	Existing railway station
County boundary	District/Borough boundary

Map Number	CT-28-INDEX-CA2
Map Name	Index Map of: Environmental Baseline including Heritage Assets
	Community Area 2: Colwich to Yarlet

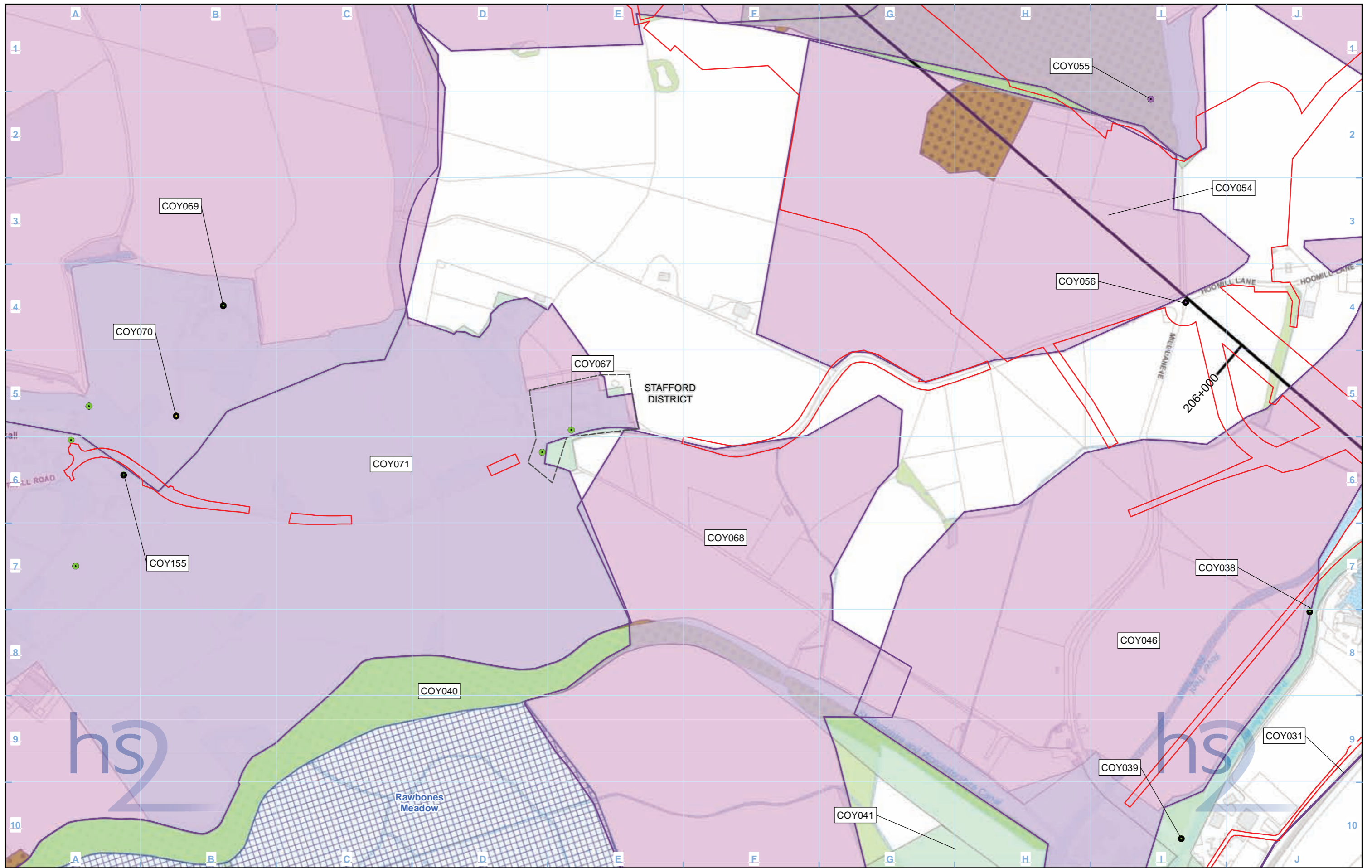
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Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland
	Conservation areas
	Scheduled monument
	Listed building grade I
	Listed building grade II*
	Listed building grade II
	Registered park or garden
	Site of Special Scientific Interest (SSSI)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)
	Ancient Woodland Inventory Sites (AWIS)
	Ramsar Site - Wetland of International Importance
	Gazetteer ID group boundary
	Non-designated heritage asset
	Non-designated heritage asset
	ABC123 Gazetteer ID

Map Number	CT-28-105
Map Name	Environmental Baseline including Heritage Assets
	Community Area 2: Colwich to Yarlet

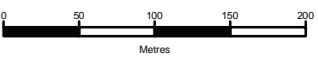


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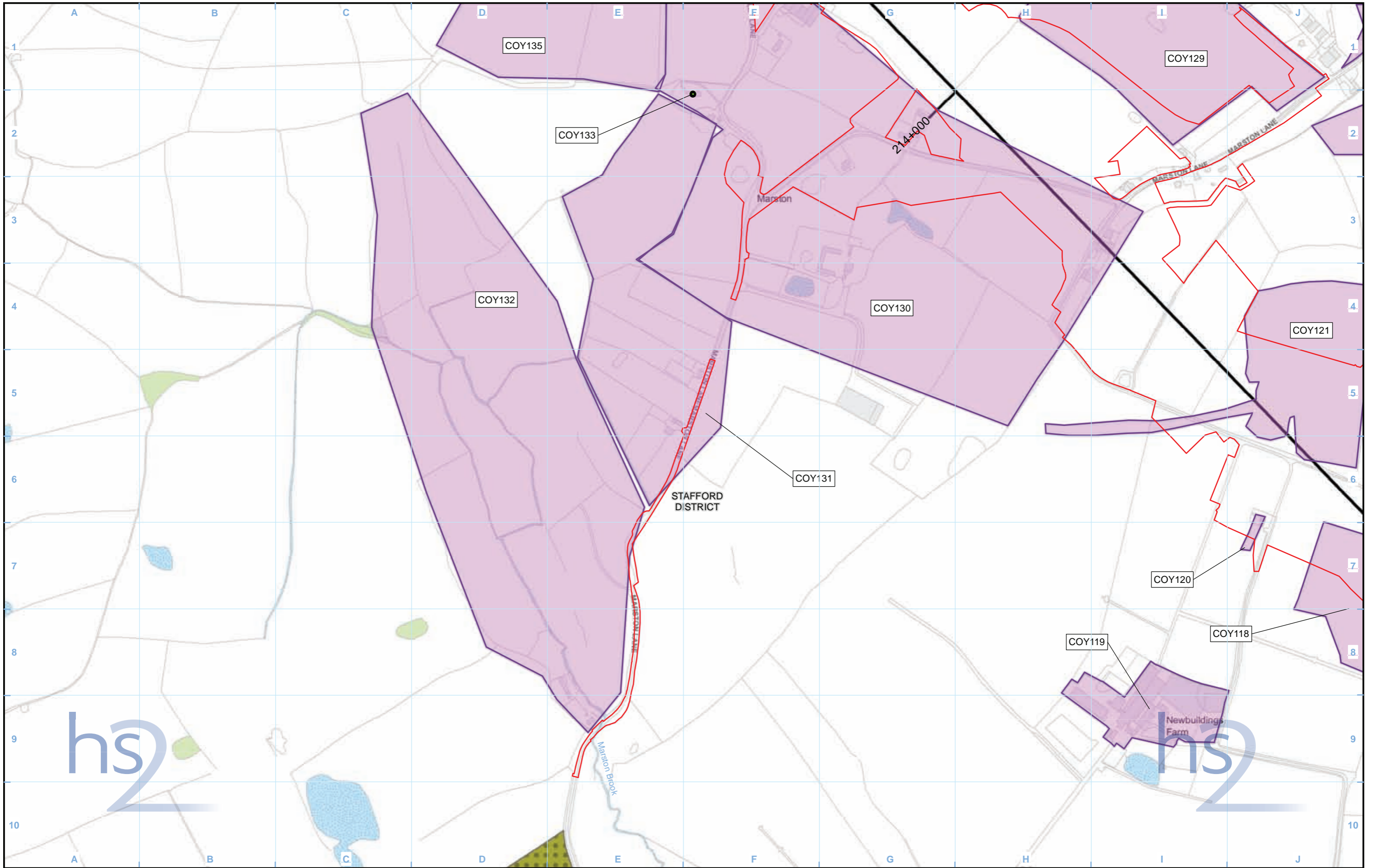


Metres



Date: 14/06/17

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Legend

<ul style="list-style-type: none"> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary 	<ul style="list-style-type: none"> Watercourse Water body Woodland Conservation areas Scheduled monument Listed building grade I Listed building grade II* Listed building grade II Registered park or garden 	<ul style="list-style-type: none"> Site of Special Scientific Interest (SSSI) Local Nature Reserve (LNR) Local Wildlife Site (LWS) Ancient Woodland Inventory Sites (AWIS) Ramsar Site - Wetland of International Importance 	<ul style="list-style-type: none"> Gazetteer ID group boundary Non-designated heritage asset Non-designated heritage asset Non-designated heritage asset Gazetteer ID
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Map Number	CT-28-106
Map Name	Environmental Baseline including Heritage Assets
Community Area 2: Colwich to Yarlet	

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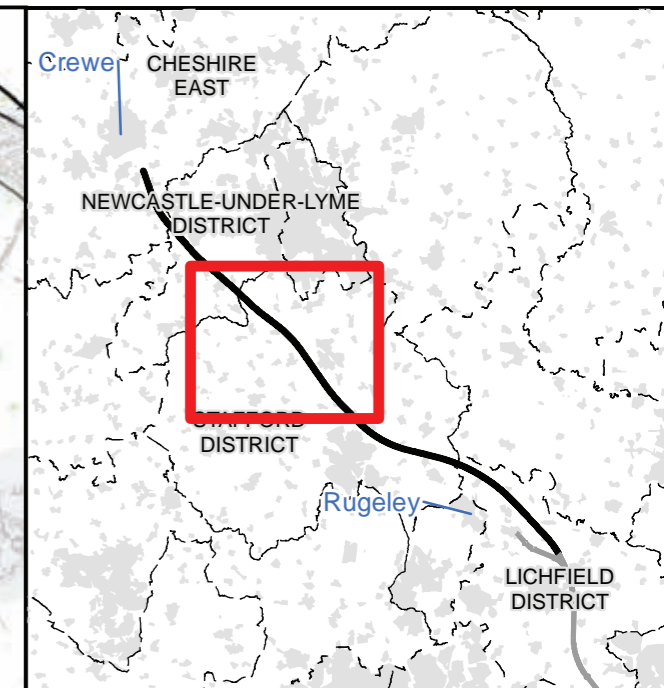
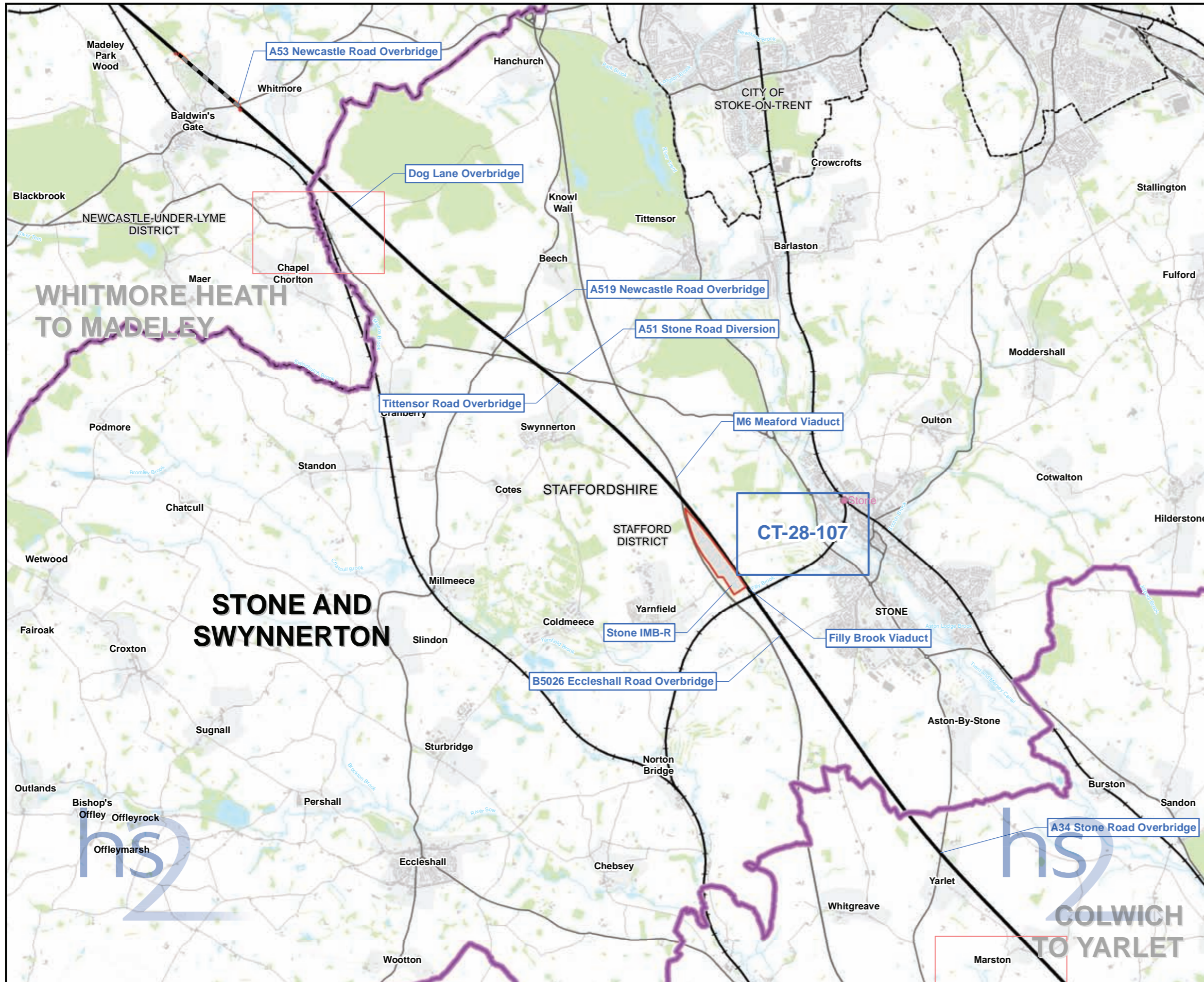
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Map Series Information:

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Main Map Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Community area boundary
	Existing railway station
	County boundary
	District/Borough boundary
	Map sheets included in this community area
	Map sheets not included in this community area

Map Number	CT-28-INDEX-CA3
Map Name	Index Map of: Environmental Baseline including Heritage Assets
	Community Area 3: Stone and Swynnerton

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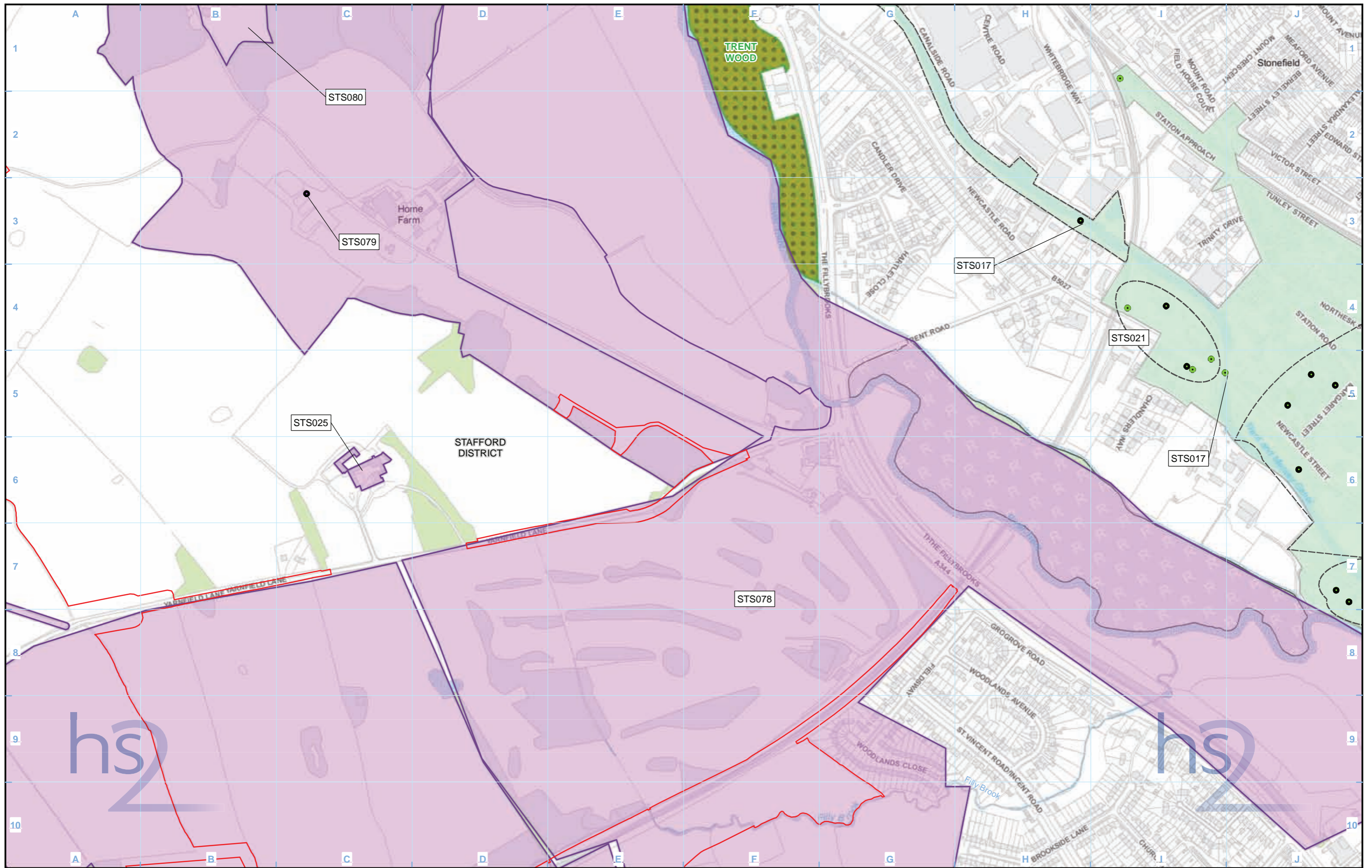
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Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland
	Conservation areas
	Scheduled monument
	Listed building grade I
	Listed building grade II*
	Listed building grade II
	Registered park or garden
	Site of Special Scientific Interest (SSSI)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)
	Ancient Woodland Inventory Sites (AWIS)
	Ramsar Site - Wetland of International Importance
	Gazetteer ID group boundary
	Non-designated heritage asset
	Non-designated heritage asset
	Non-designated heritage asset
	Gazetteer ID

Map Number	CT-28-107
Map Name	Environmental Baseline including Heritage Assets
	Community Area 3: Stone and Swynnerton

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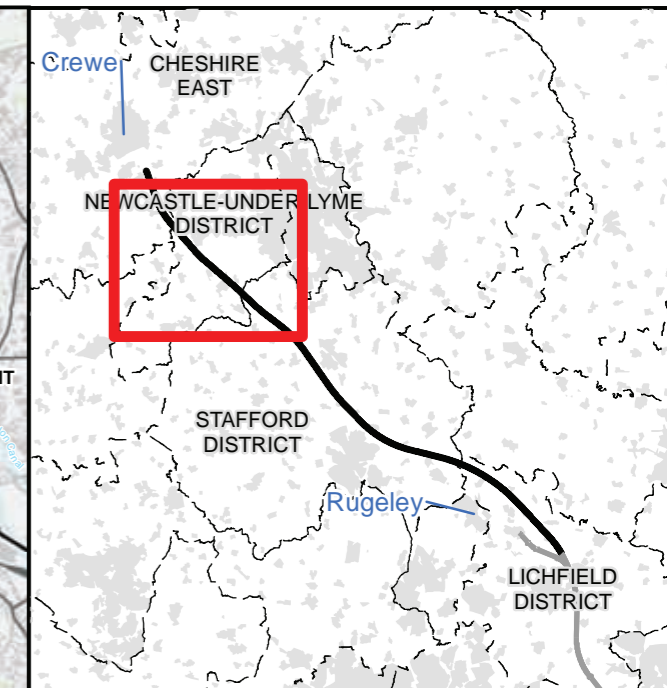
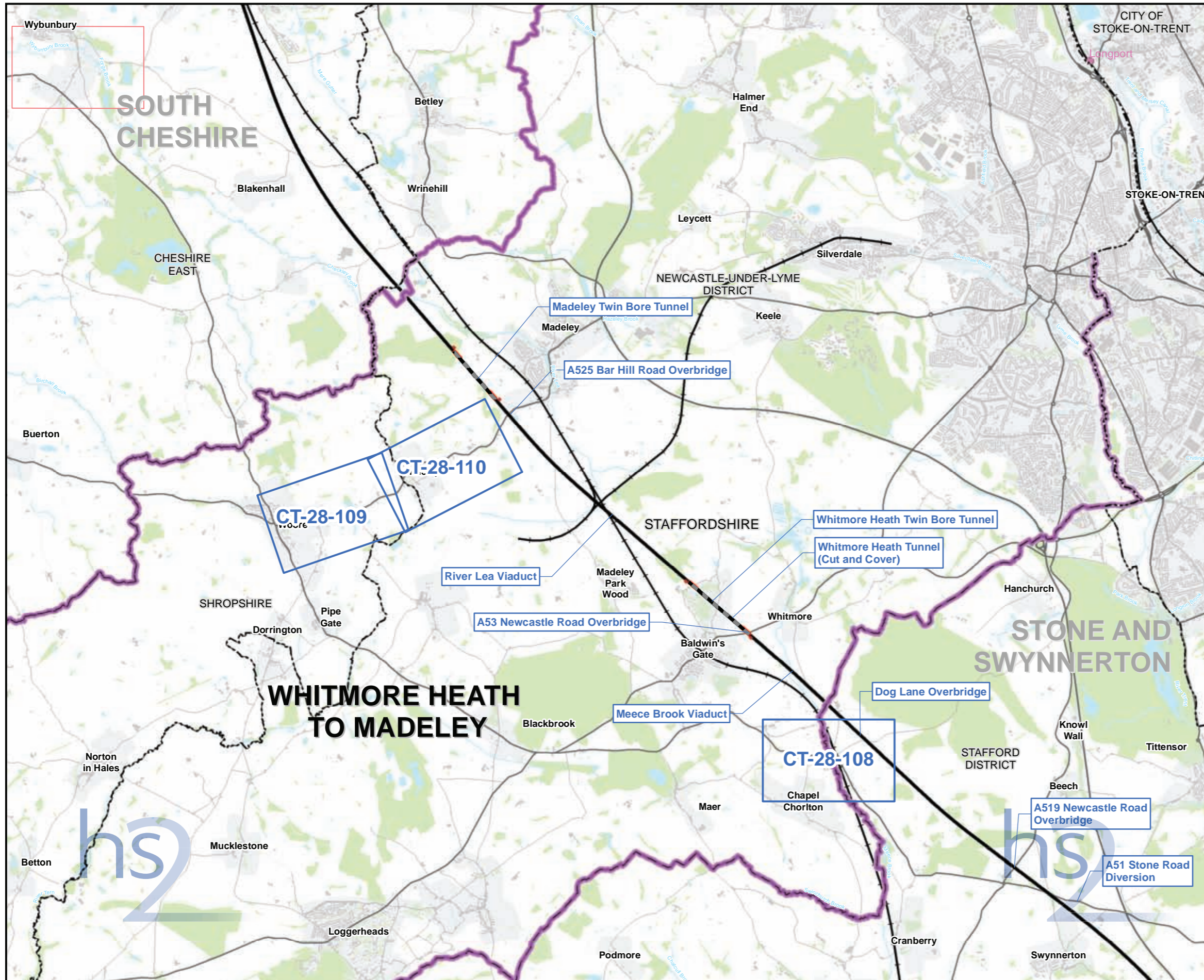
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Map Series Information:

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Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community area
- Map sheets not included in this community area

Map Number: **CT-28-INDEX-CA4**

Map Name: **Index Map of:
Environmental Baseline
including Heritage Assets**

Community Area 4:
Whitmore Heath to Madeley

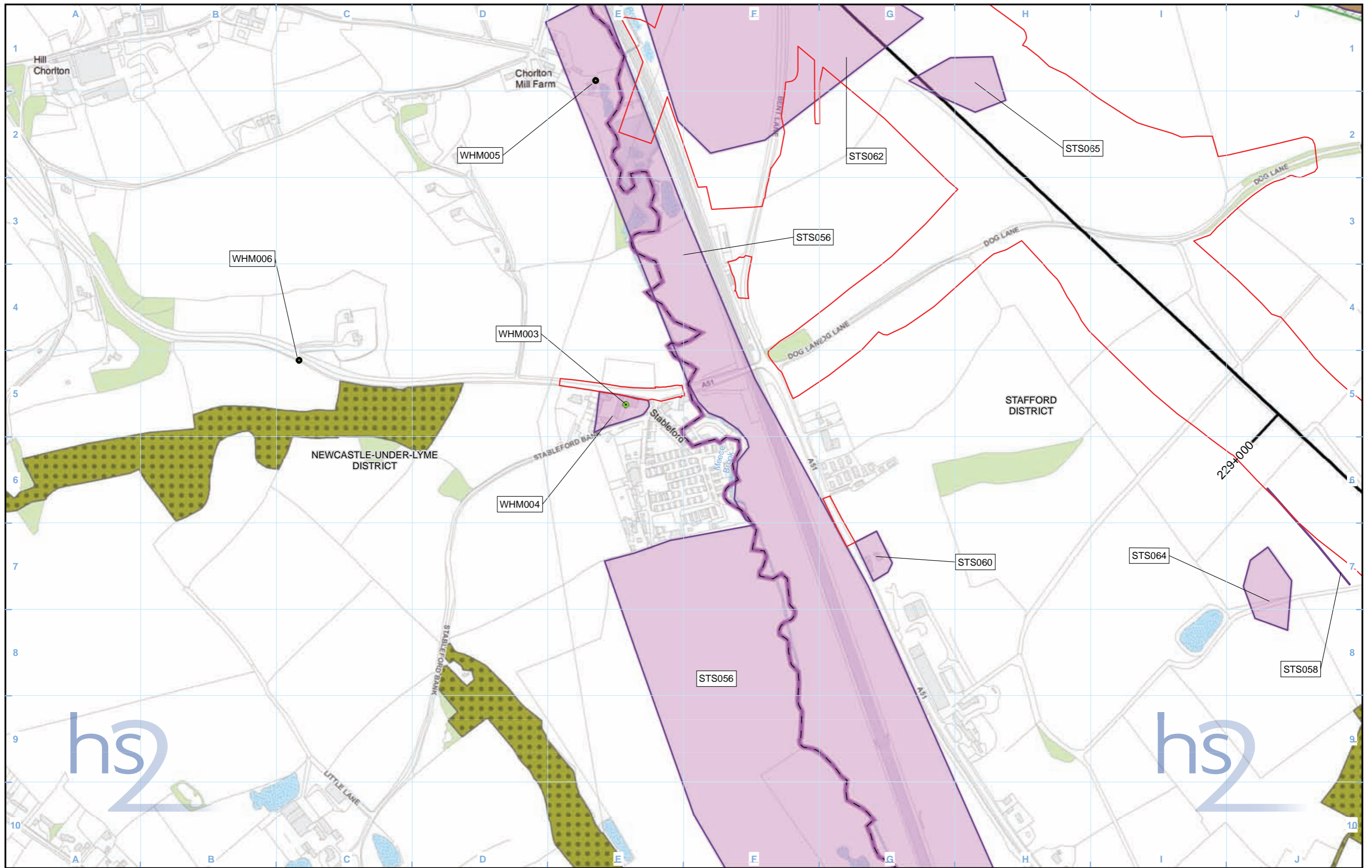
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Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland
	Conservation areas
	Scheduled monument
	Listed building grade I
	Listed building grade II*
	Listed building grade II
	Registered park or garden
	Site of Special Scientific Interest (SSSI)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)
	Ancient Woodland Inventory Sites (AWIS)
	Ramsar Site - Wetland of International Importance
	Gazetteer ID group boundary
	Non-designated heritage asset
	Non-designated heritage asset
	Non-designated heritage asset
	Gazetteer ID

Map Number	CT-28-108
Map Name	Environmental Baseline including Heritage Assets
	Community Area 4: Whitmore Heath and Madeley




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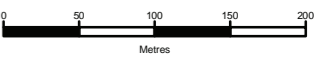
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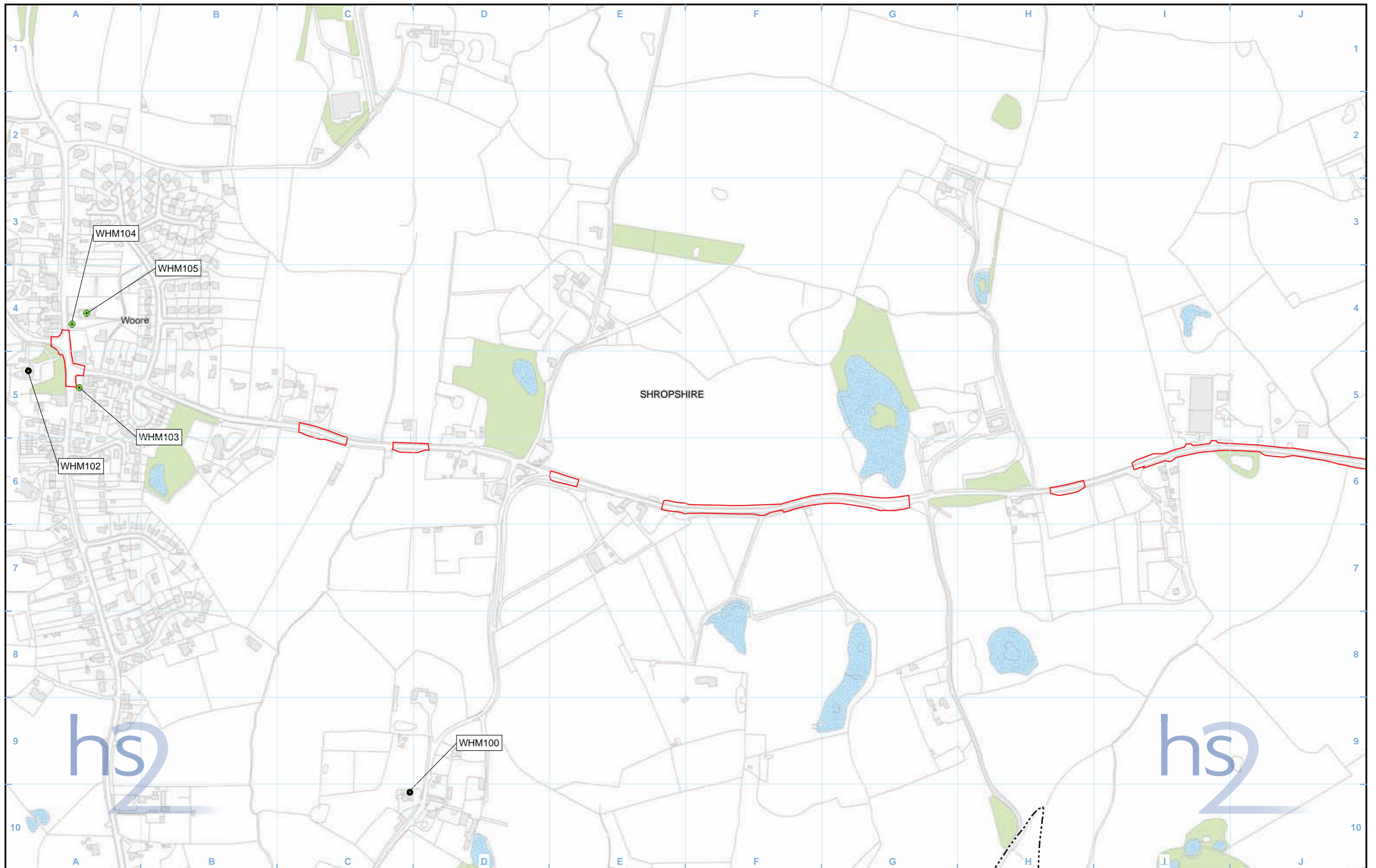


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Metres

Date: 14/06/17



Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland
	Conservation areas
	Scheduled monument
	Listed building grade I
	Listed building grade II*
	Listed building grade II
	Registered park or garden
	Site of Special Scientific Interest (SSSI)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)
	Ancient Woodland Inventory Sites (AWIS)
	Ramsar Site - Wetland of International Importance
	Gazetteer ID group boundary
	Non-designated heritage asset
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	ABC123 Gazetteer ID

Map Number	CT-28-109
Map Name	Environmental Baseline including Heritage Assets
	Community Area 4: Whitmore Heath and Madeley

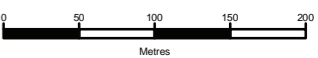


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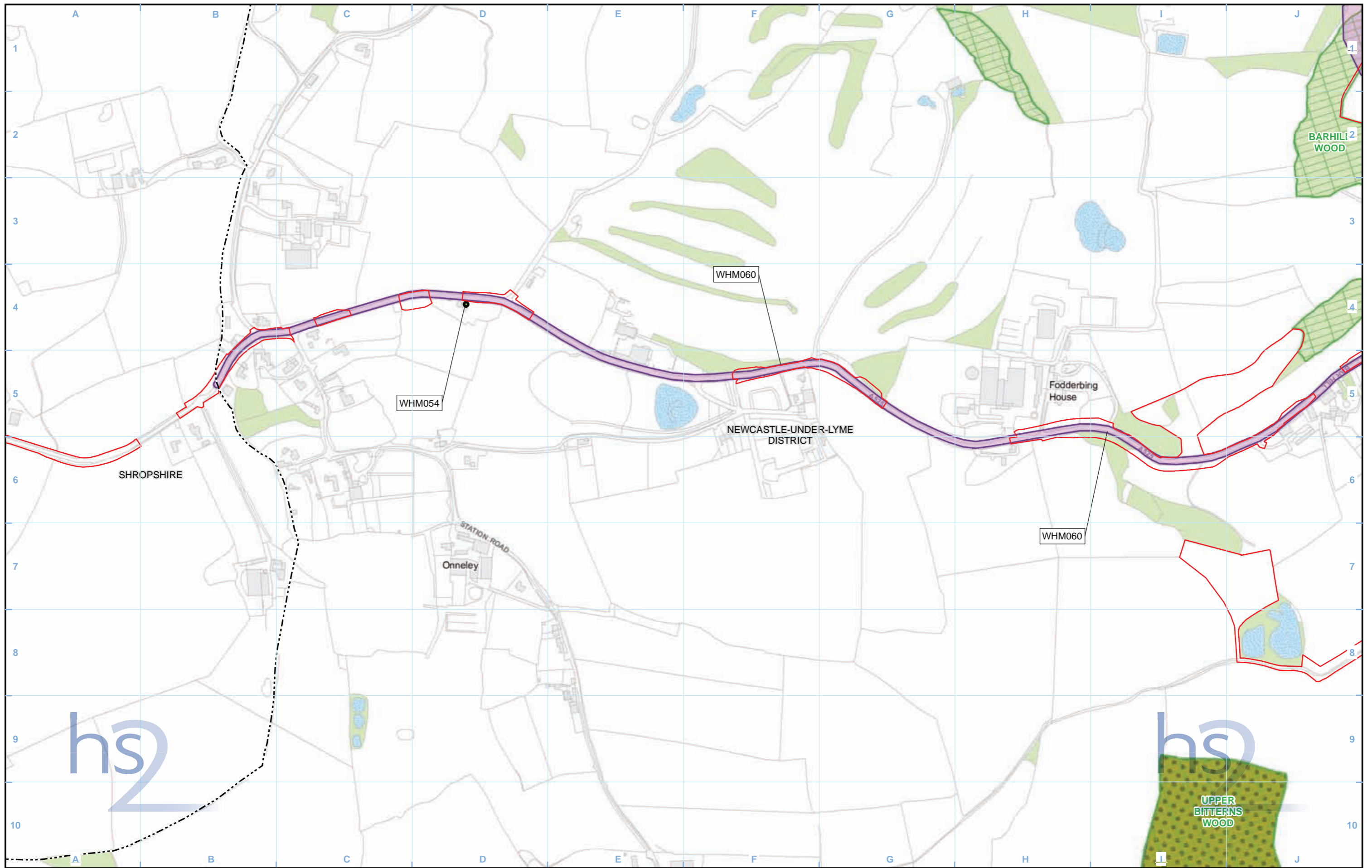


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Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland
	Conservation areas
	Scheduled monument
	Listed building grade I
	Listed building grade II*
	Listed building grade II
	Registered park or garden
	Site of Special Scientific Interest (SSSI)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)
	Ancient Woodland Inventory Sites (AWIS)
	Ramsar Site - Wetland of International Importance
	Gazetteer ID group boundary
	Non-designated heritage asset
	Non-designated heritage asset
	Gazetteer ID

Map Number	CT-28-110
Map Name	Environmental Baseline including Heritage Assets
	Community Area 4: Whitmore Heath and Madeley

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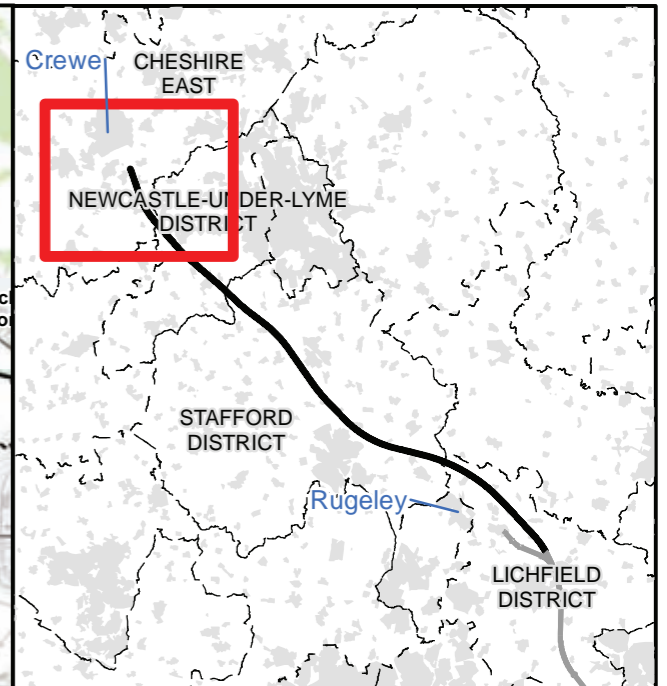
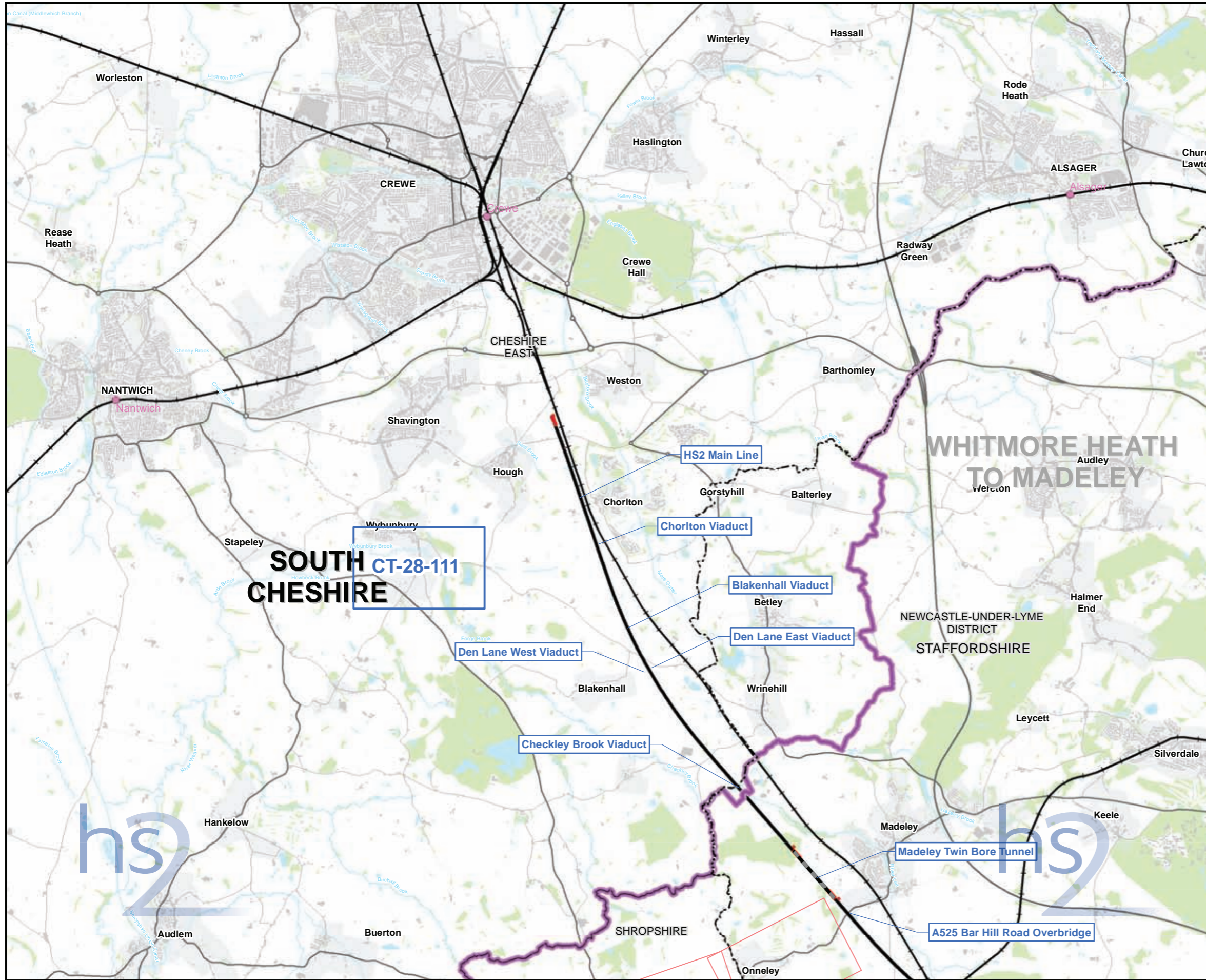
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Main Map Legend

Map Number	CT-28-INDEX-CA5
Map Name	Index Map of: Environmental Baseline including Heritage Assets
	Community Area 5: South Cheshire

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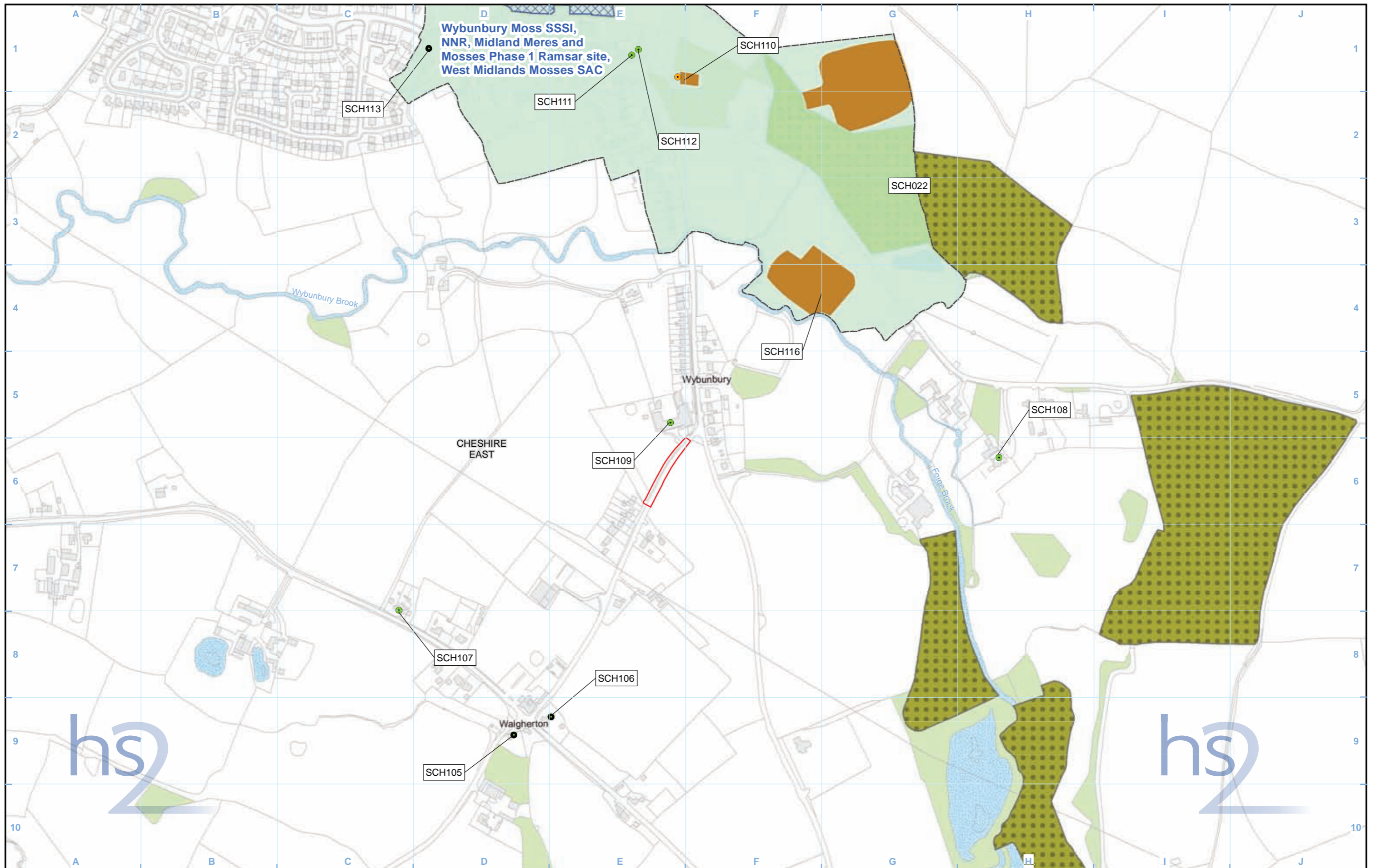
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Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland
	Conservation areas
	Scheduled monument
	Listed building grade I
	Listed building grade II*
	Listed building grade II
	Registered park or garden
	Site of Special Scientific Interest (SSSI)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)
	Ancient Woodland Inventory Sites (AWIS)
	Ramsar Site - Wetland of International Importance
	Gazetteer ID group boundary
	Non-designated heritage asset
	Non-designated heritage asset
	Non-designated heritage asset
	ABC123 Gazetteer ID

Map Number	CT-28-111
Map Name	Environmental Baseline including Heritage Assets
	Community Area 5: South Cheshire

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