In Parliament – Session 2021 - 2022

HS2

High Speed Rail (Crewe – Manchester) Environmental Statement

Volume 5: Map Book

Traffic and transport
(TR-01, TR-03, TR-04, TR-08)

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Volume 5: Map Book

Traffic and transport
(TR-01, TR-03, TR-04, TR-08)

M297

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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Map series name	TR-01 - Station Impacts (Operational)	TR-03 - Construction Lorry Routes and Residual Significant Transport Effects	TR-04 - Operational Residual Significant Transport Effects	TR-08 – Construction Routes to the Strategic Network
Map series description	These maps identify the station impacts and modal station access and facilities at HS2 station buildings once the new/enhanced stations are operational. This includes station building access, pedestrian links, cycle links and parking, bus links (including bus stops), links to conventional rail and Local Underground, taxi access and ranks, and car parking.	This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).	Identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2027 (Opening Year) and 2041 (Design Year).	This map series identifies the main construction access routes for construction compounds to and from the strategic highway network. Construction routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main road network within each CA. Also shown is construction compound data which provides the transport activity at each compound including start-up date and duration of use of compound. For each compound the peak month of activity is the month within which HGV traffic is at its highest for that compound. The busy period is that period during which HGV traffic serving that compound will be greater than 50% of the HGV traffic in the peak month. The average daily combined two-way vehicle trips shown for the busy period is the lower end of the range shown in the table. The average daily combined two-way vehicle trips shown for the peak month is the upper end of the range shown in the table.
Community Area name				
MA01 Hough to Walley's Green		✓	✓	✓
MA02 Wimboldsley to Lostock Gralam		✓	✓	✓
MA03 Pickmere to Agden and Hulseheath		✓	✓	✓
MA04 Broomedge to Glazebrook		✓	✓	✓
MA05 Risley to Bamfurlong		✓	✓	✓
MA06 Hulseheath to Manchester Airport	✓	✓	✓	✓
MA07 Davenport Green to Ardwick		✓	✓	✓
MA08 Manchester Piccadilly Station	✓	✓	✓	✓
ORW1 Preston Station (PSTN)				
ORW2 Carlisle Station (CSTN)				
ORW3 Annandale Depot (ADEP)				

Mapping explanatory notes

Structure of the HS2 Phase 2b Environmental Statement

This map book is part of the suite of documents that make up the Environmental Statement (ES) that accompanies the deposit of the High Speed Rail (Crewe – Manchester) hybrid Bill. The structure of the ES is shown in the diagram below:

Non-technical summary

Provides a summary in non-technical language of the Proposed Scheme and its likely significant effects on the environment. This presents a summary of information included within the Environmental Statement.

Glossary, abbreviations and references

Contains terms, abbreviations and references.

Volume 1: Introduction and methodology

Provides an overview of the Proposed Scheme and the Environmental Impact Assessment (EIA) process.

Volume 3: Route-wide effects

Describes the effects that are likely to occur at a geographical scale greater than the community areas described in the Volume 2: Community Area reports.

Volume 4: Off-route effects

Sets out the likely significant effects at locations beyond the Phase 2b Western Leg corridor and its local environment.

Map Book

Volume 2: Community Area (CA) reports

Consists of eight reports and their associated map books. These reports set out the design and environmental assessment for the Proposed Scheme at a community area level, as shown below.

MA01 Report	MA02 Report	MA03 Report	MA04 Report	MA05 Report	MA06 Report	MA07 Report	MA08 Report
Hough to Walley's Green	Wimboldsley to Lostock Gralam	Pickmere to Agden and Hulseheath	Broomedge to Glazebrook	Risley to Bamfurlong	Hulseheath to Manchester Airport	Davenport Green to Ardwick	Manchester Piccadilly Station
MA01 Map Book	MA02 Map Book	MA03 Map Book	MA04 Map Book	MA05 Map Book	MA06 Map Book	MA07 Map Book	MA08 Map Book

Volume 5: Appendices and map books

The majority of appendices in Volume 5 examine certain topics in detail, either within a community area or more widely. Appendices assessing a particular topic are identified by the reference codes below. Volume 5 also contains supporting documents, such as the draft Code of Construction Practice. The topics which also have map books are noted below.

Map Book	Map Book		Map Book	Map Book		Map Book	Map Book	Map Book		Map Book	Map Book	Map Book		Map Book
Agriculture, forestry and soils	Air quality	Climate change	Community	Ecology and biodiversity	Electromagnetic interference	Health	Historic environment	Land quality	Landscape and visual	Major accidents and natural disasters	Socio-economics	Sound, noise and vibration	Traffic and transport	Waste and material resources	Water resources and flood risk
AG Appendices	AQ Appendices	CL Appendices	CM Appendices	EC Appendices	EM Appendices	HA Appendices	HE Appendices	LQ Appendices	LV Appendices	MA Appendices		SV Appendices	TR Appendices	WM Appendices	WR Appendices

Scope and Methodology Report

Draft Code of Construction Practice

Alternatives report

Planning data

Wider effects report

Working Draft Environmental Statement consultation summary report

Borrow pit report

Published outside the ES

Background Information and Data (BID) and associated BID map books

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

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 XXX+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 left hand side of the page, and Manchester to the right.

The exception to this, are map series LV-00, LV-02, 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 Manchester to the top.

Map books

In total, there are 29 map books, which make up the ES, found in volume 2, volume 4 and volume 5. A list of the titles is provided below for reference.

Name	Name
Volume 2: Map book – MA01: Hough to Walley's Green	Volume 5: Map book – Agriculture (AG-01, AG02, AG-04)
Volume 2: Map book – MA02: Wimboldsley to Lostock Gralam	Volume 5: Map book – Air quality (AQ-01)
Volume 2: Map book – MA03: Pickmere to Agden and Hulseheath	Volume 5: Map book – Community (CM-01)
Volume 2: Map book – MA04: Broomedge to Glazebrook	Volume 5: Map book – Ecology and biodiversity (EC-01)
Volume 2: Map book – MA05: Risley to Bamfurlong	Volume 5: Map book – Historic Environment (HE-01, HE-02, HE-03)
Volume 2: Map book – MA06: Hulseheath to Manchester Airport	Volume 5: Map book – Land quality (LQ-01)
Volume 2: Map book – MA07: Davenport to Green Ardwick	Volume 5: Map book – MA01: Hough to Walley's Green Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – MA08: Manchester Piccadilly Station	Volume 5: Map book – MA02: Wimboldsley to Lostock Gralam Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 4: Map book – Off-route effects	Volume 5: Map book – MA03: Pickmere to Agden and Hulseheath Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)

Name	Name
Volume 5: Map book – MA04: Broomedge to Glazebrook Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – MA05: Risley to Bamfurlong Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – MA06: Hulseheath to Manchester Airport Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – MA07: Davenport to Green Ardwick Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – MA08: Manchester Piccadilly Station Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – OR003 Annandale Depot Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – Planning Data/Committed Development (CT-13)	Volume 5: Map book – Socio-economics (SE-01)
Volume 5: Map book – Sound, noise and vibration (SV-02, SV-03, SV-08, SV-09)	Volume 5: Map book – Traffic and transport (TR-01, TR-03, TR-04, TR-08)
Volume 5: Map book – Water resources and flood risk (WR-01, WR-02, WR-03, WR-05, WR-06)	

High Speed Rail (Crewe – Manchester) Environmental Statement

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Bus and or coach stops	Existing or proposed stop locations available for HS2 rail passengers within the vicinity of proposed HS2 Phase One stations.	High Speed Two (HS2) Ltd	
Car parks	Existing or proposed car parking spaces within the vicinity of station for potential rail passengers.	High Speed Two (HS2) Ltd	
Community area boundary	The Environmental Statement has been split into eight sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
Compound traffic routes	Public highways which may be used for HGV construction traffic to construction compounds.	High Speed Two (HS2) Ltd	
Construction compounds	A strategic construction hub for core project management (engineering, planning and construction delivery), commercial and administrative staff associated with the construction of the Proposed Scheme. These compounds will include an area for equipment and materials storage, as well as providing main welfare facilities for construction staff, with some compounds also providing overnight sleeping accommodation for construction staff.	High Speed Two (HS2) Ltd	
Construction significant effects	Adverse – deterioration in existing conditions as a result of the Proposed Scheme Beneficial – improvement of existing conditions as a result of the Proposed Scheme Permanent – permanent change as a result of the Proposed Scheme Temporary – temporary change as a result of the Proposed Scheme (likely within construction phase of scheme).	High Speed Two (HS2) Ltd	
Construction traffic routes	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 2019.
Cycle parking	Location of proposed cycle parking provision at HS2 Phase One stations.	High Speed Two (HS2) Ltd	
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/Unitary authority boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
HS2 engineering design	Outline of proposed realigned highways and bridges.	High Speed Two (HS2) Ltd	
HS2 route	Represents the proposed route of HS2.	High Speed Two (HS2) Ltd	
Kiss and ride	Area located within the vicinity of proposed HS2 Phase One station for private vehicle dropoff/pick-up of rail passengers.	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	
Link to classic rail	Link from high-speed rail services to classic rail services.	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Movement of excavated material	Public highways which may be used for HGV movements of excavated material to construction compounds.	High Speed Two (HS2) Ltd	
Onward construction routes	Directional symbol that indicates the construction routes continuing along the Strategic Road Network.	High Speed Two (HS2) Ltd	
Operational significant effects	Adverse- deterioration in existing conditions as a result of the Proposed Scheme Beneficial – improvement of existing conditions as a result of the Proposed Scheme Permanent – permanent change as a result of the Proposed Scheme, effects can be for 2027, 2041 or both operational assessment years. Temporary – temporary change as a result of the Proposed Scheme.	High Speed Two (HS2) Ltd	
Pedestrian and cycle links	Existing and proposed pedestrian and cycling infrastructure in the vicinity of proposed stations, available to passengers.	High Speed Two (HS2) Ltd	
Potential bus links	Potential bus infrastructure and links to bus services in the vicinity of Proposed Scheme.	High Speed Two (HS2) Ltd	
Route in tunnel	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Site haul to compound	Construction traffic access or movement of excavated materials that may use the site haul road, usually from public highway to construction compound.	High Speed Two (HS2) Ltd	
Station access points	Pedestrian access points (entrances/exits) within proposed HS2 Phase One station buildings.	High Speed Two (HS2) Ltd	
Taxi ranks	Location of proposed taxi ranks at HS2 Phase One stations.	High Speed Two (HS2) Ltd	
Through construction traffic routes	Compound traffic routes from neighbouring CAs that may use the public highways within the represented CA.	High Speed Two (HS2) Ltd	
Through site haul to compound	Construction traffic access or movement of excavated materials from neighbouring CAs that may use site haul roads within the represented CA.	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 2019.
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.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
Woodland	Woodland areas derived from Ordnance Survey MasterMap data.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.

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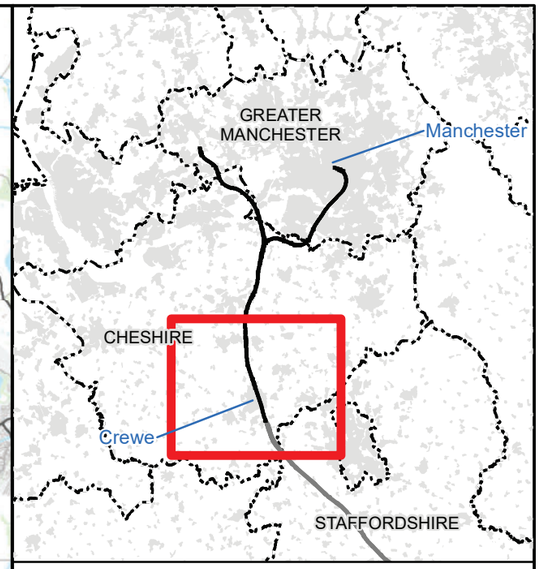
High Speed Rail (Crewe – Manchester) Environmental Statement

MA01: Hough to Walley's Green

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation

TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-03-INDEX-MA01

Map Name: Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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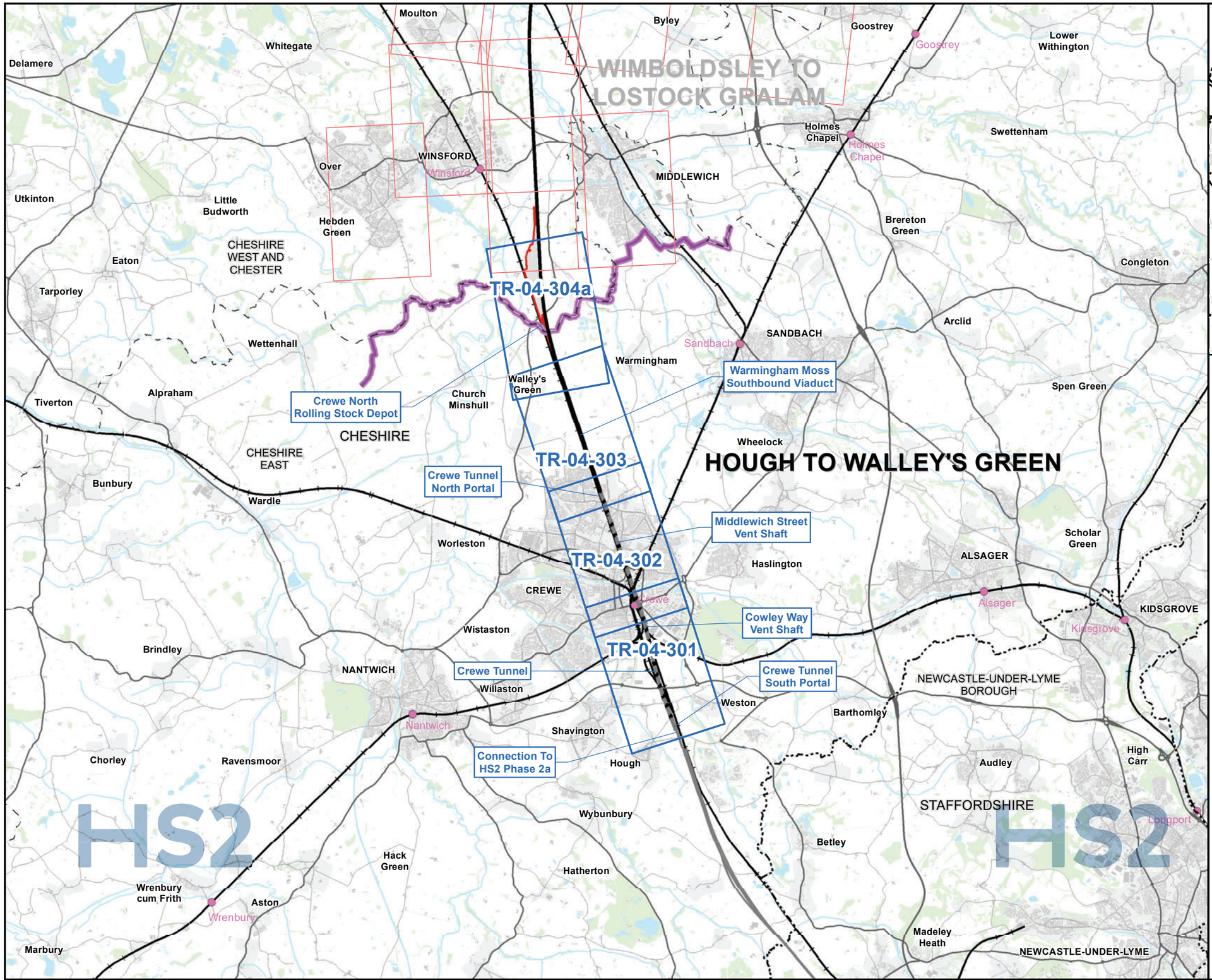

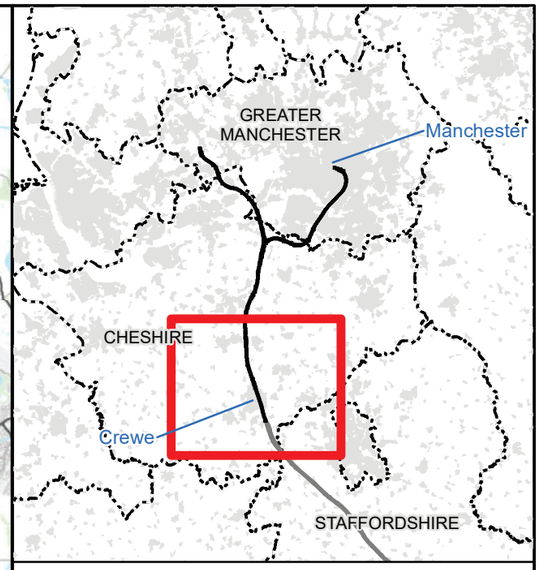

Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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

Map Number: TR-04-INDEX-MA01

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Community Area MA01: Hough to Walley's Green

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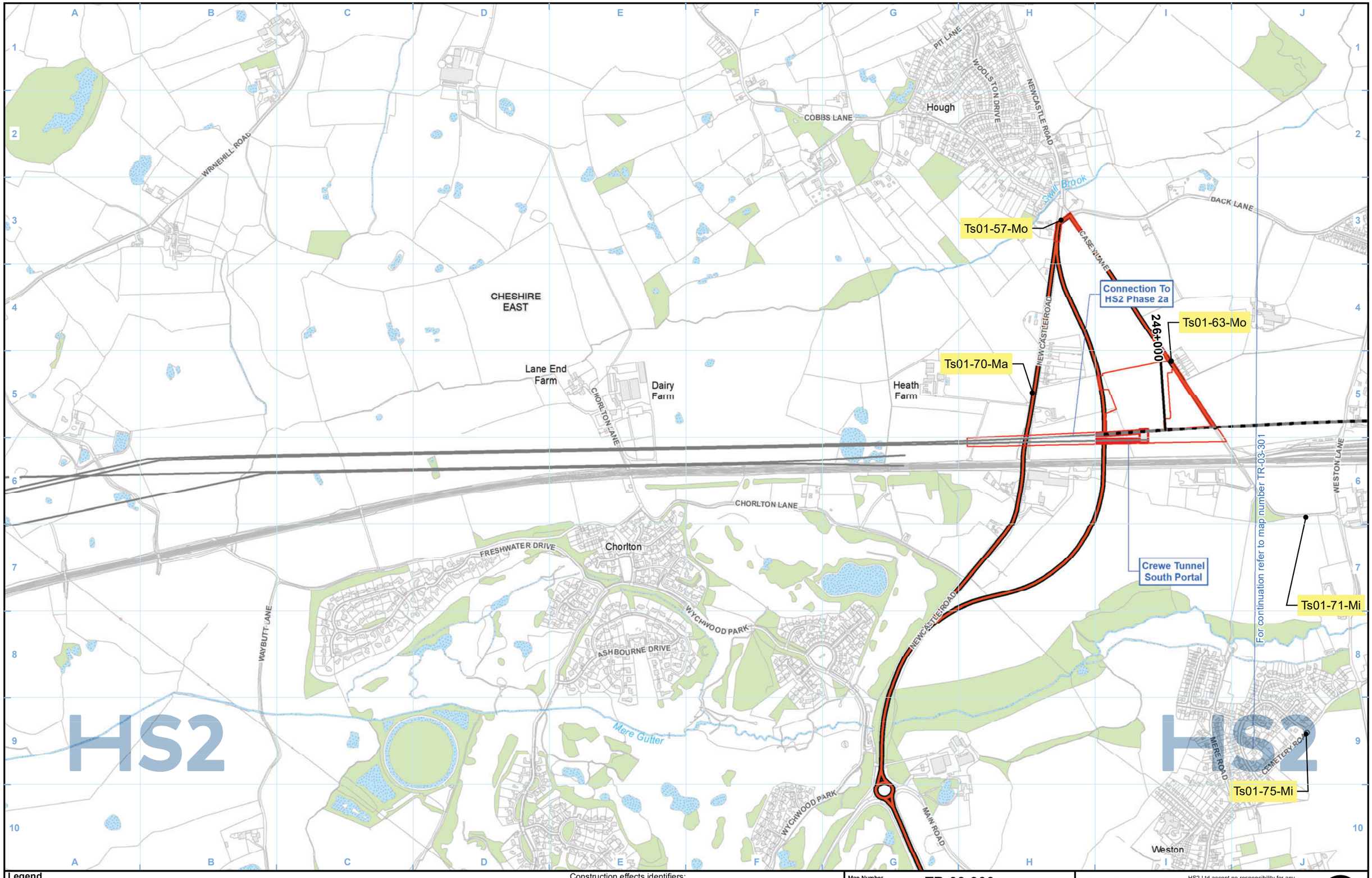

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-300

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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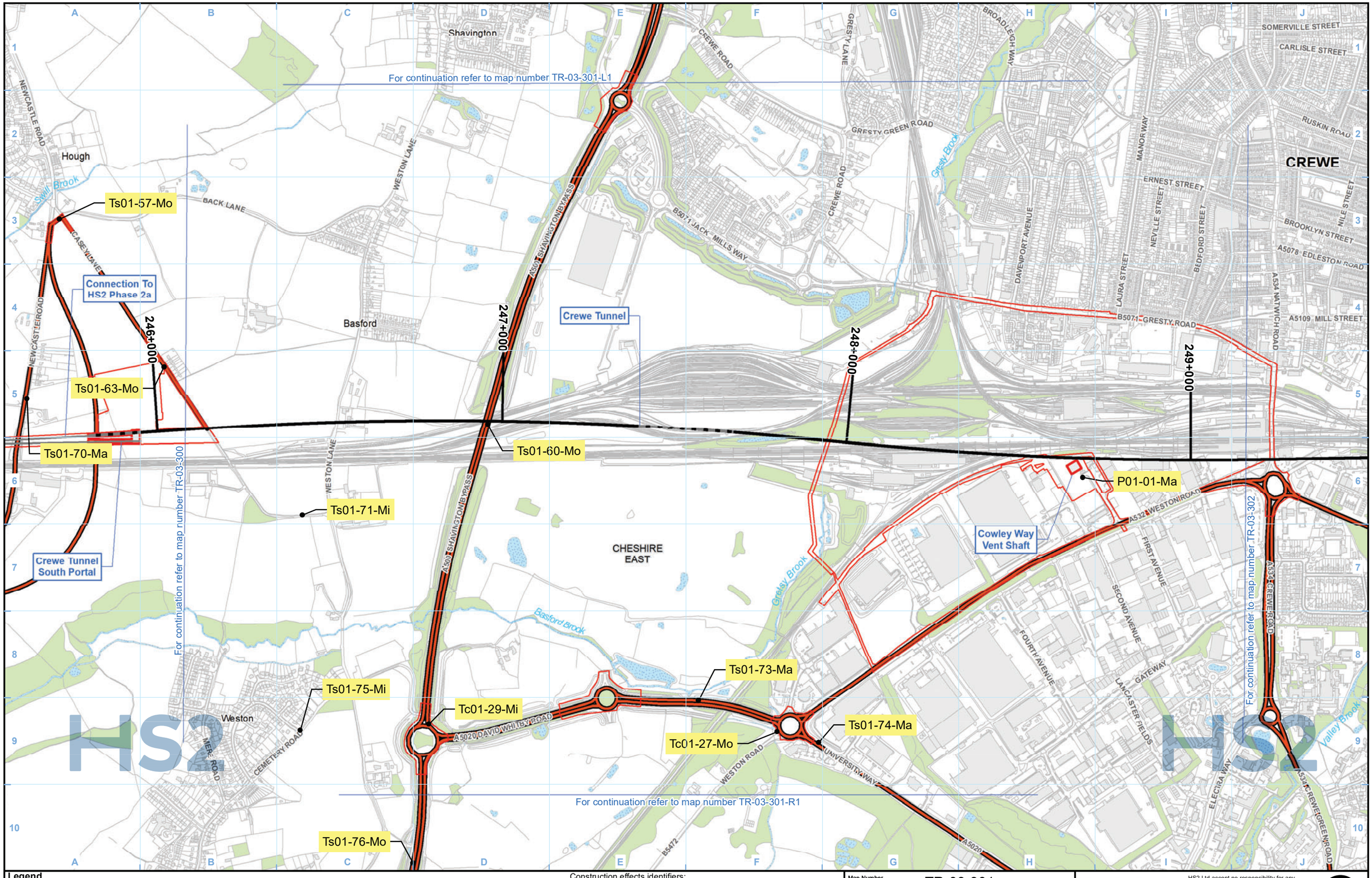

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-301

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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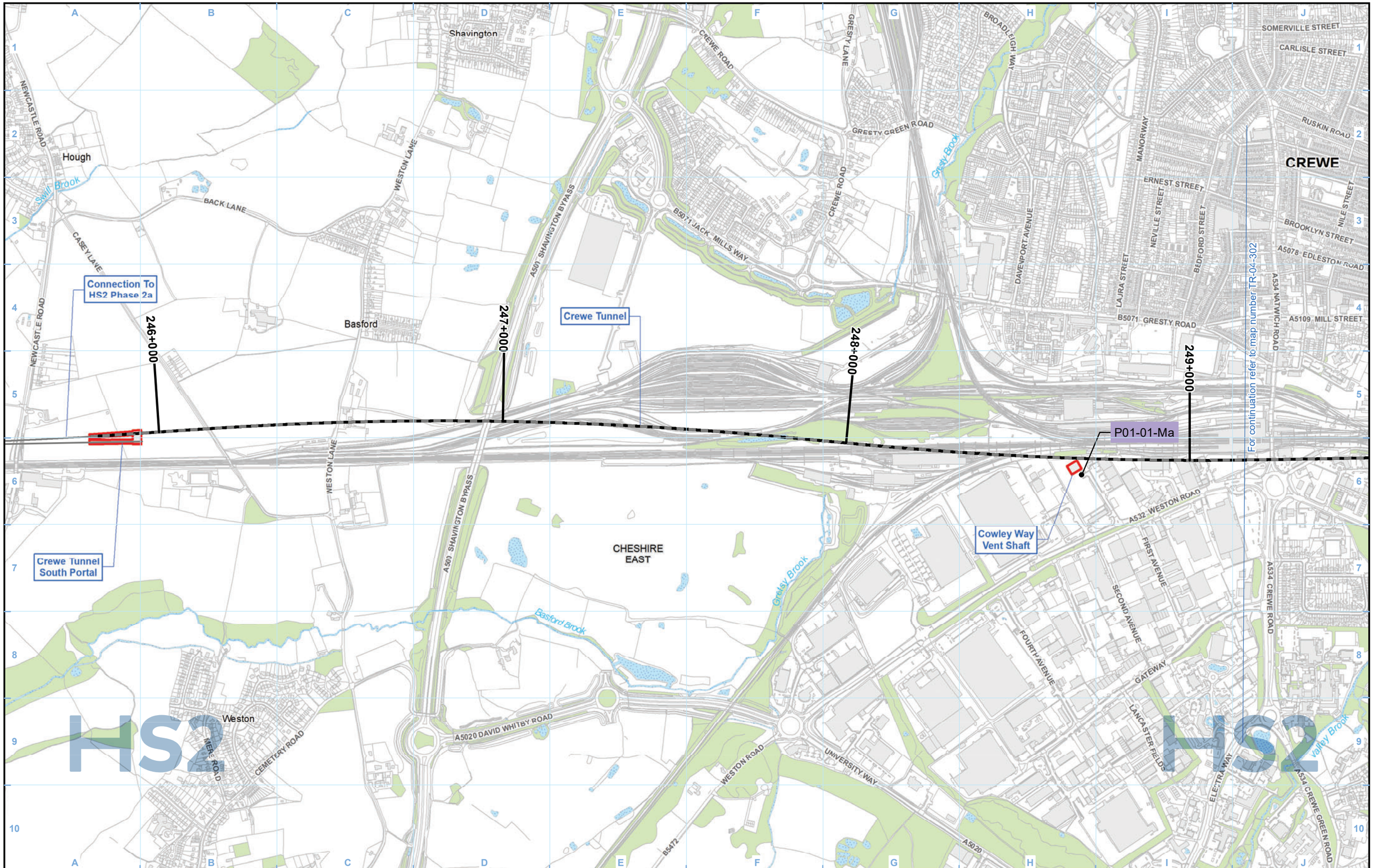

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-301

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA01: Hough to Walley's Green

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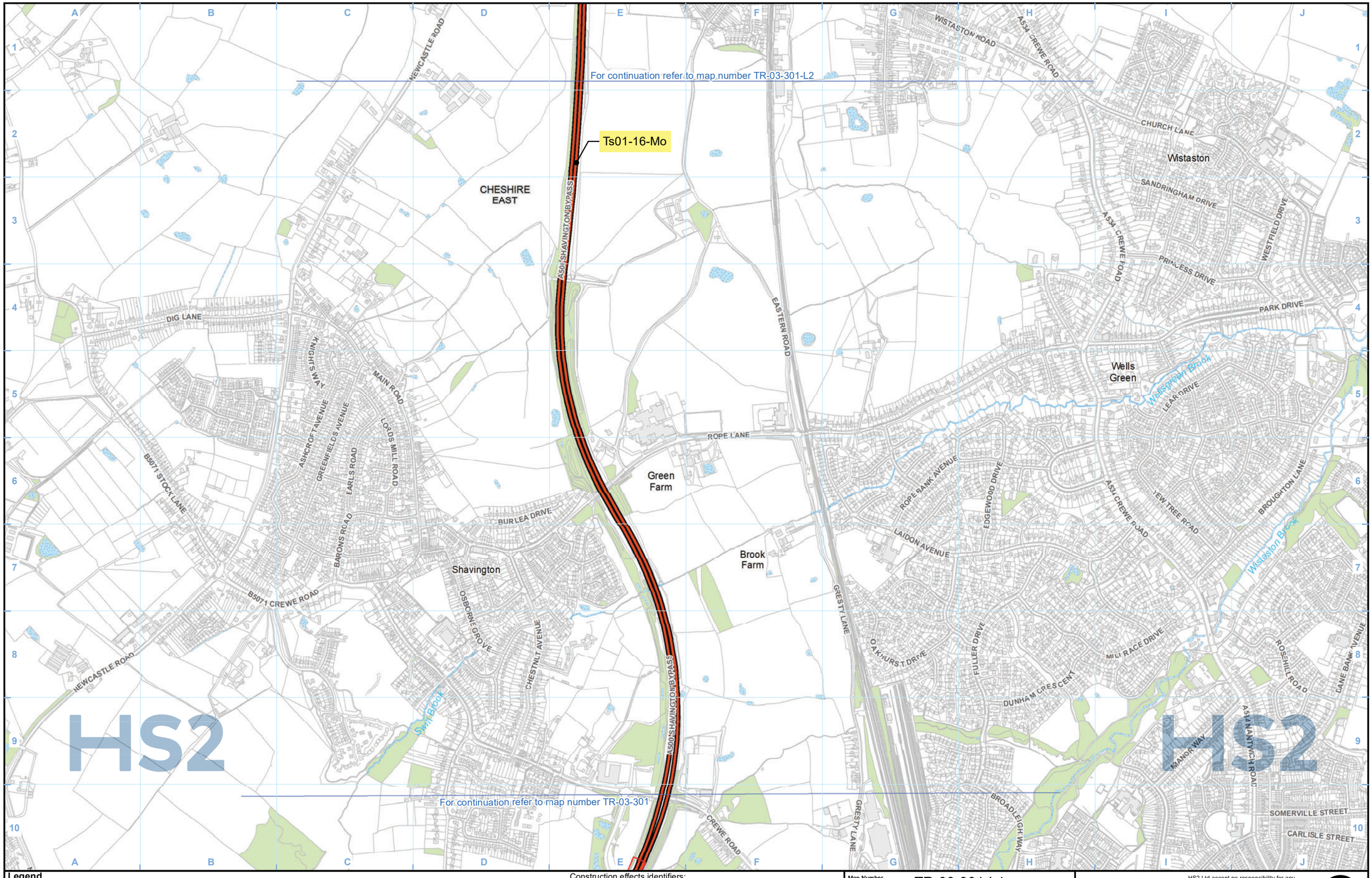

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-301-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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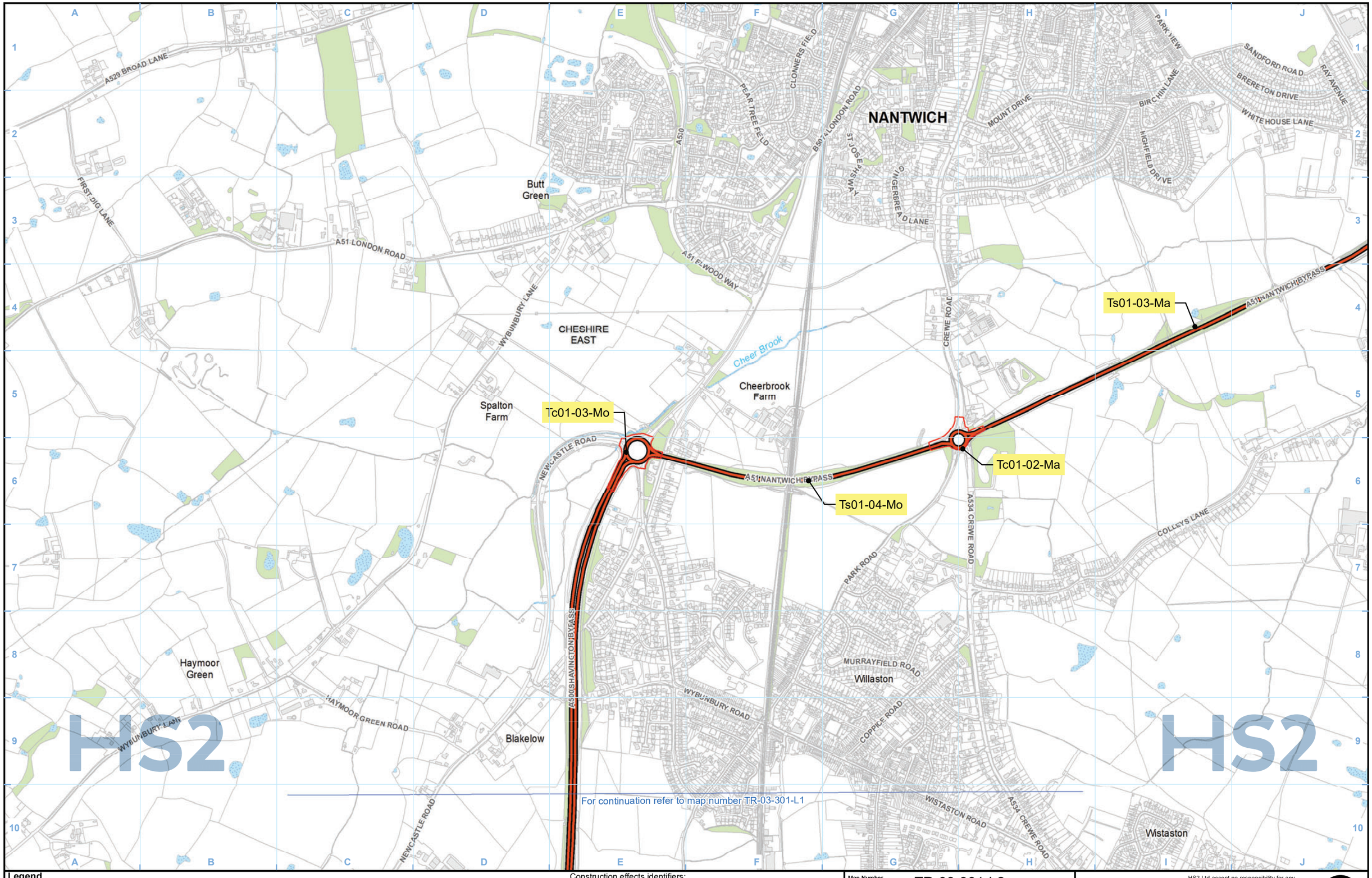

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-301-L2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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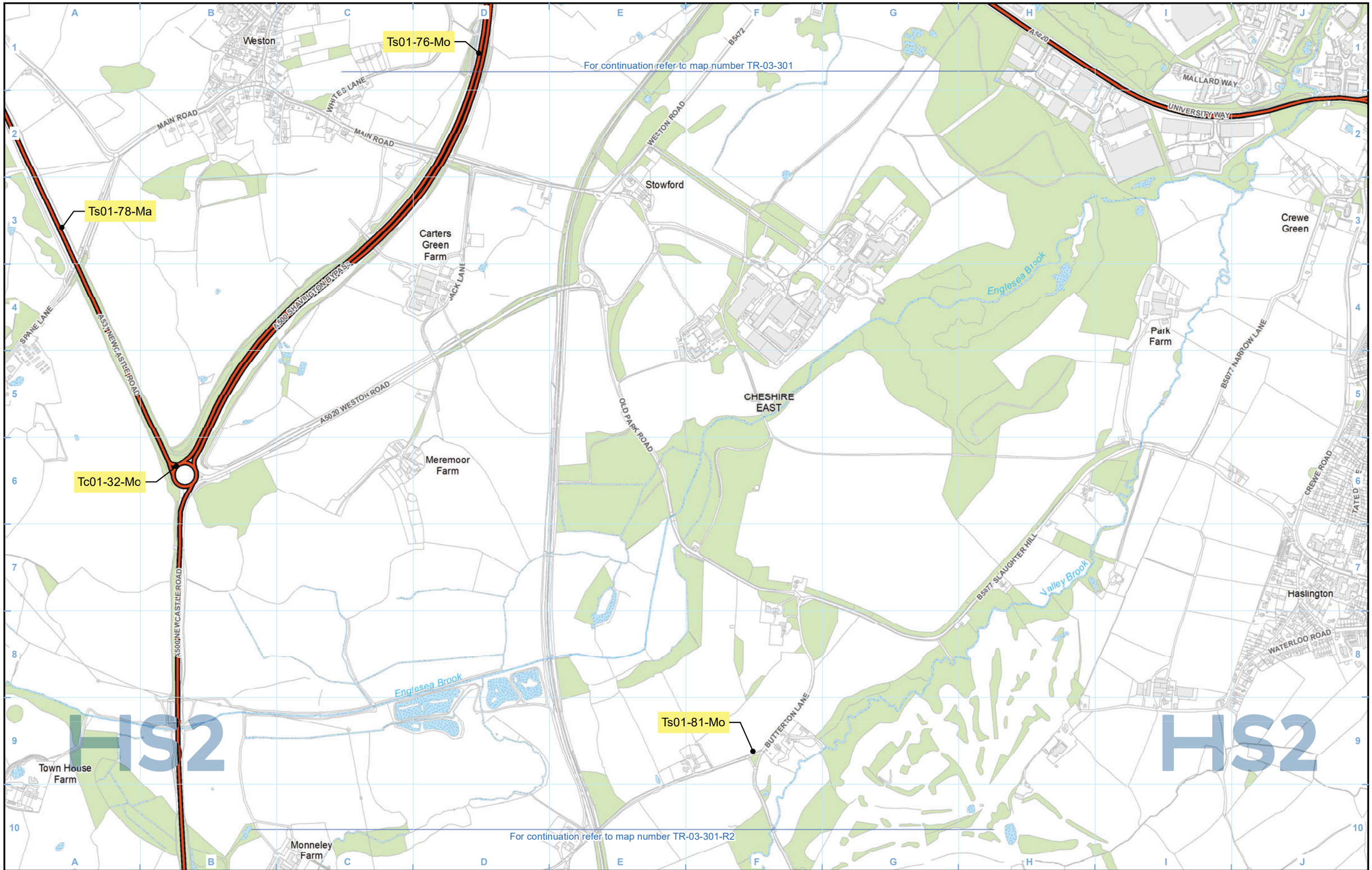

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-301-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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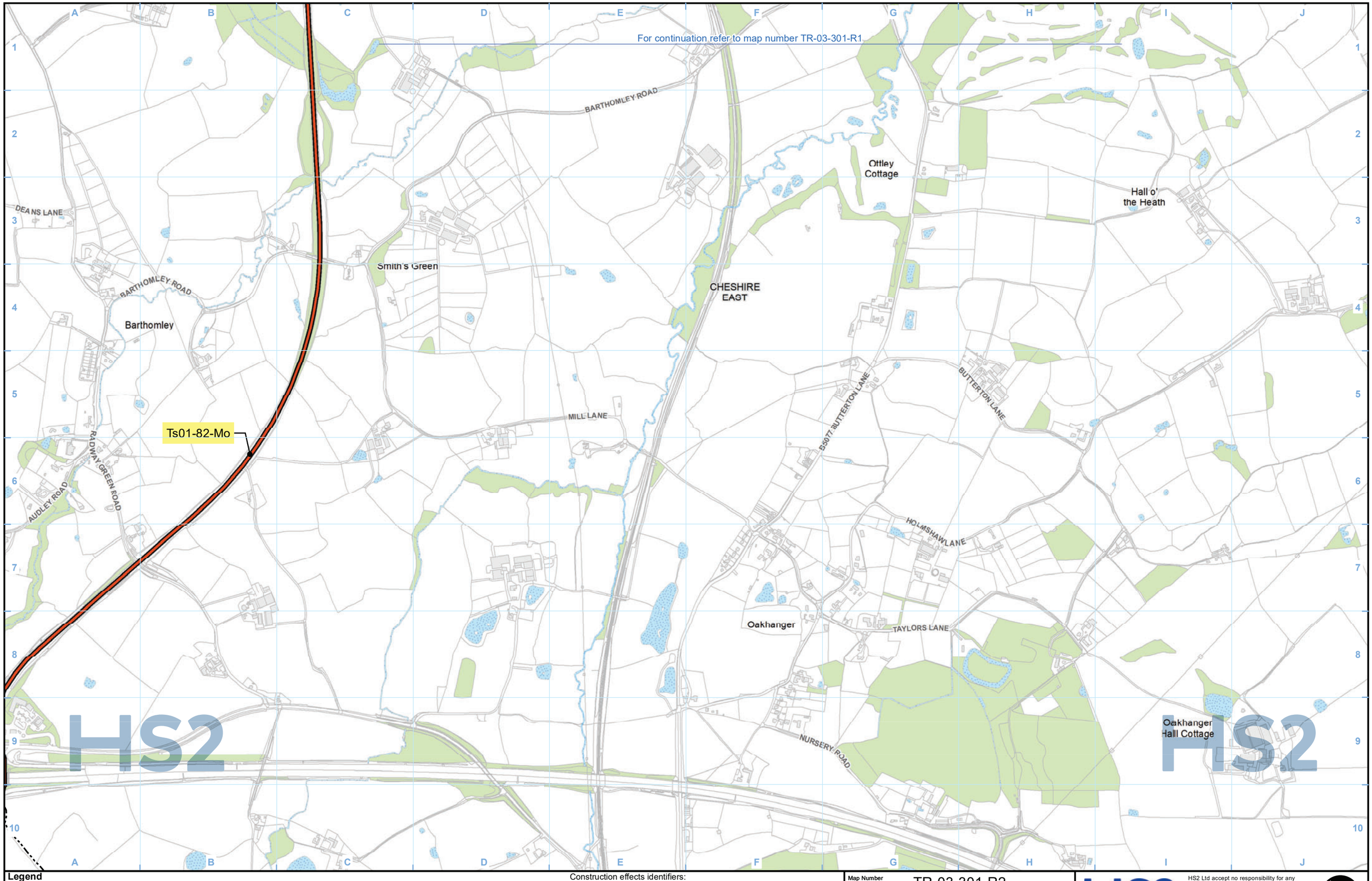

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-301-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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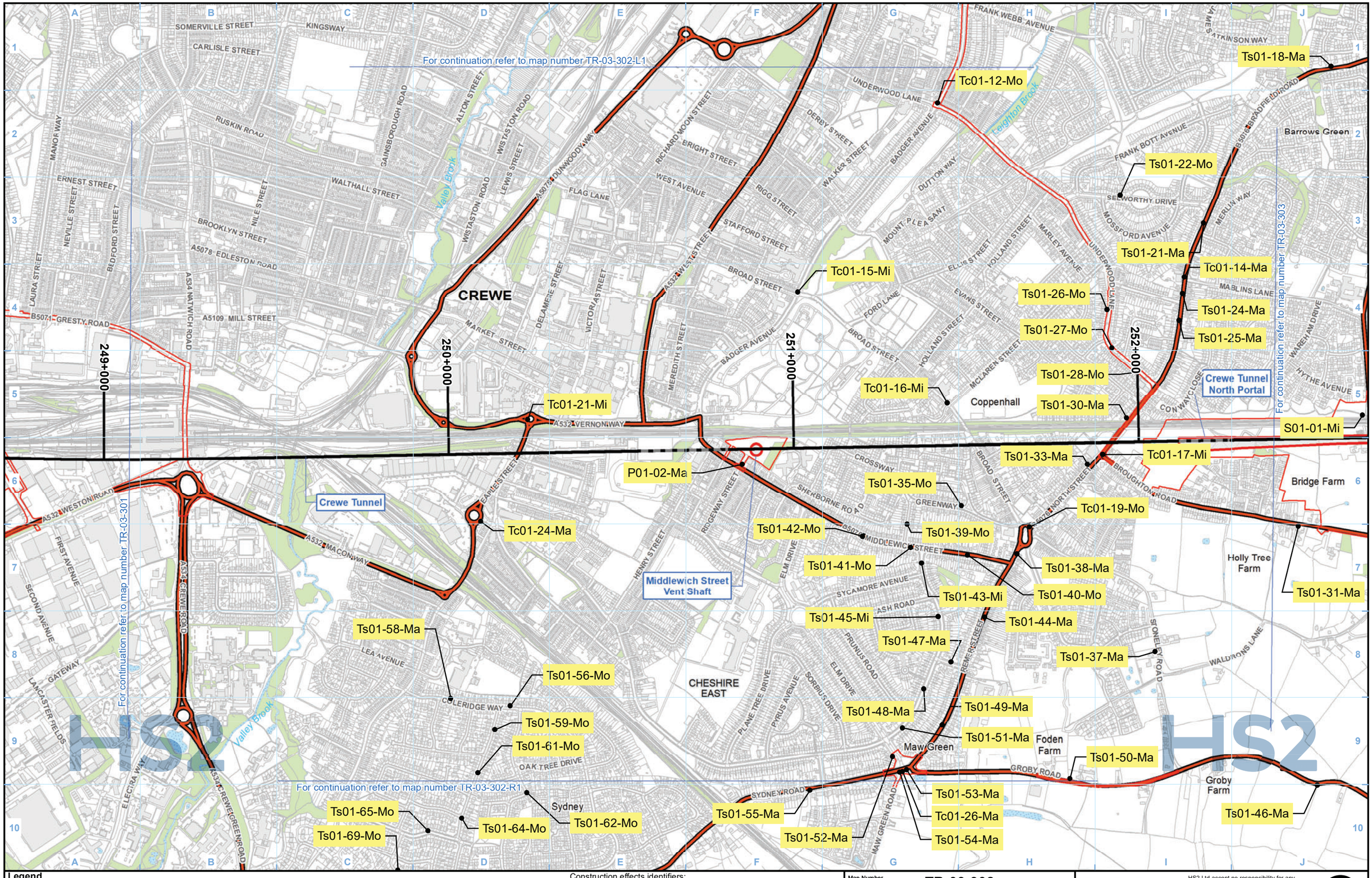

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-302

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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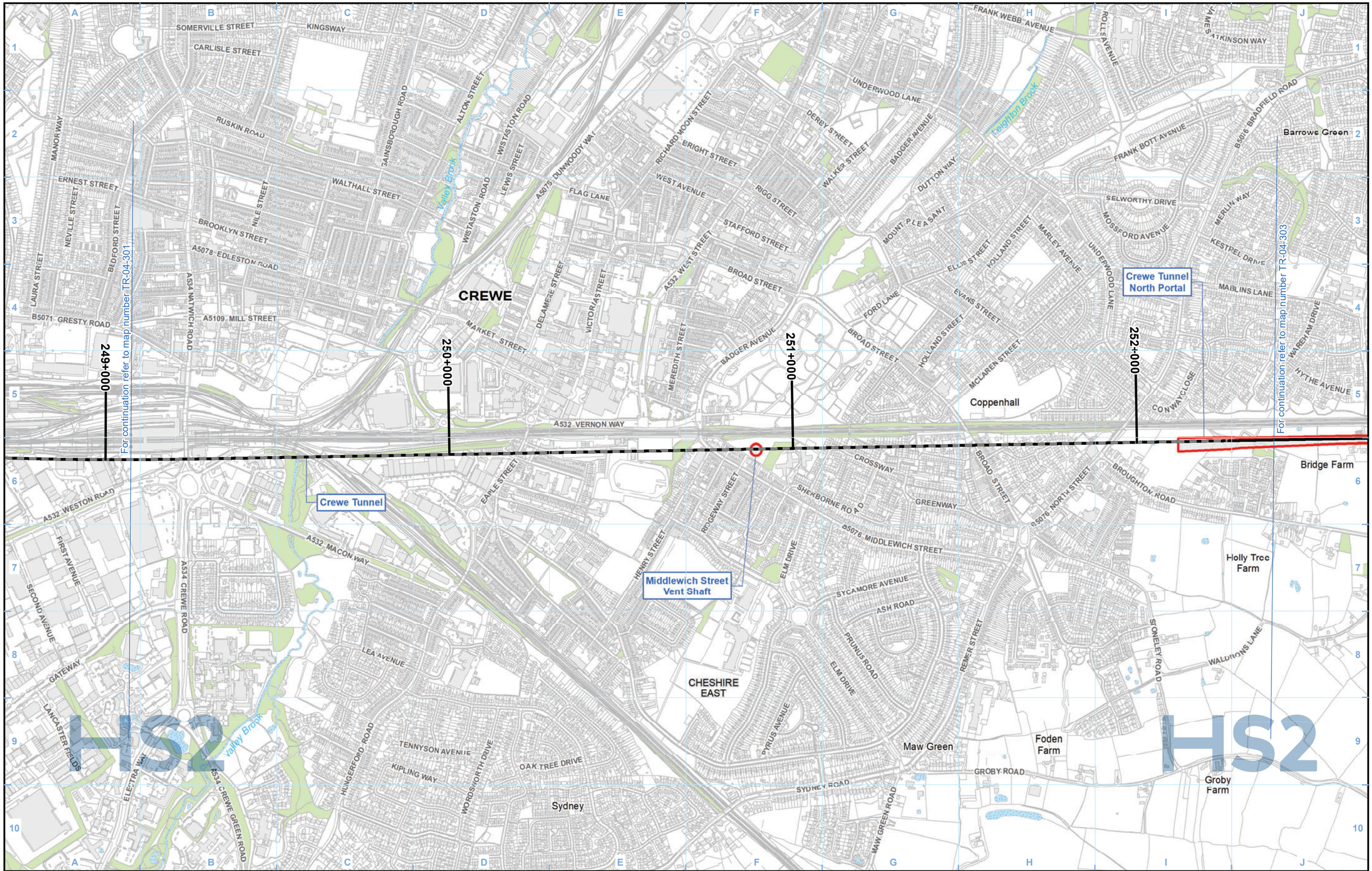

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-302

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA01: Hough to Walley's Green

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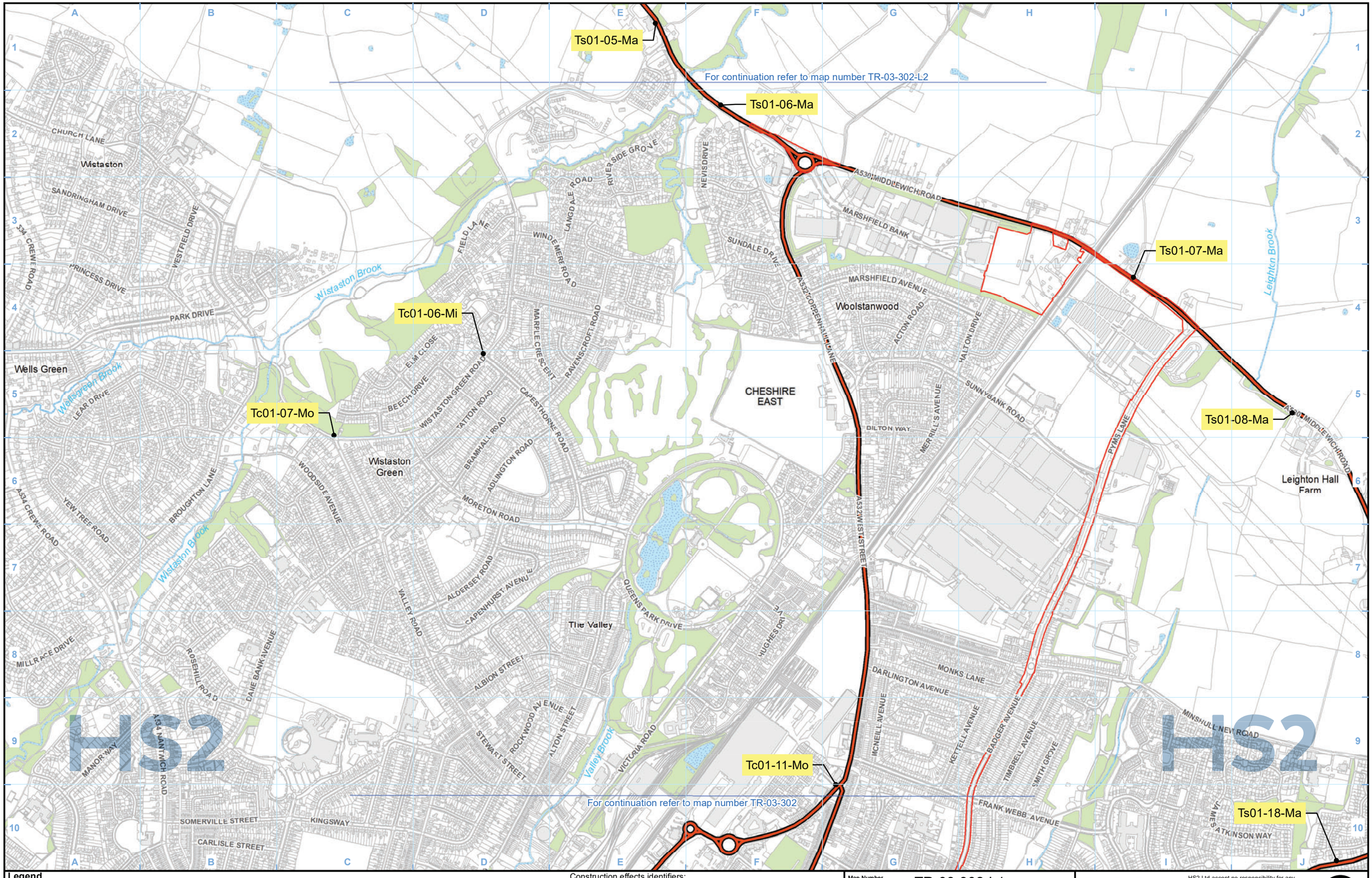

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-302-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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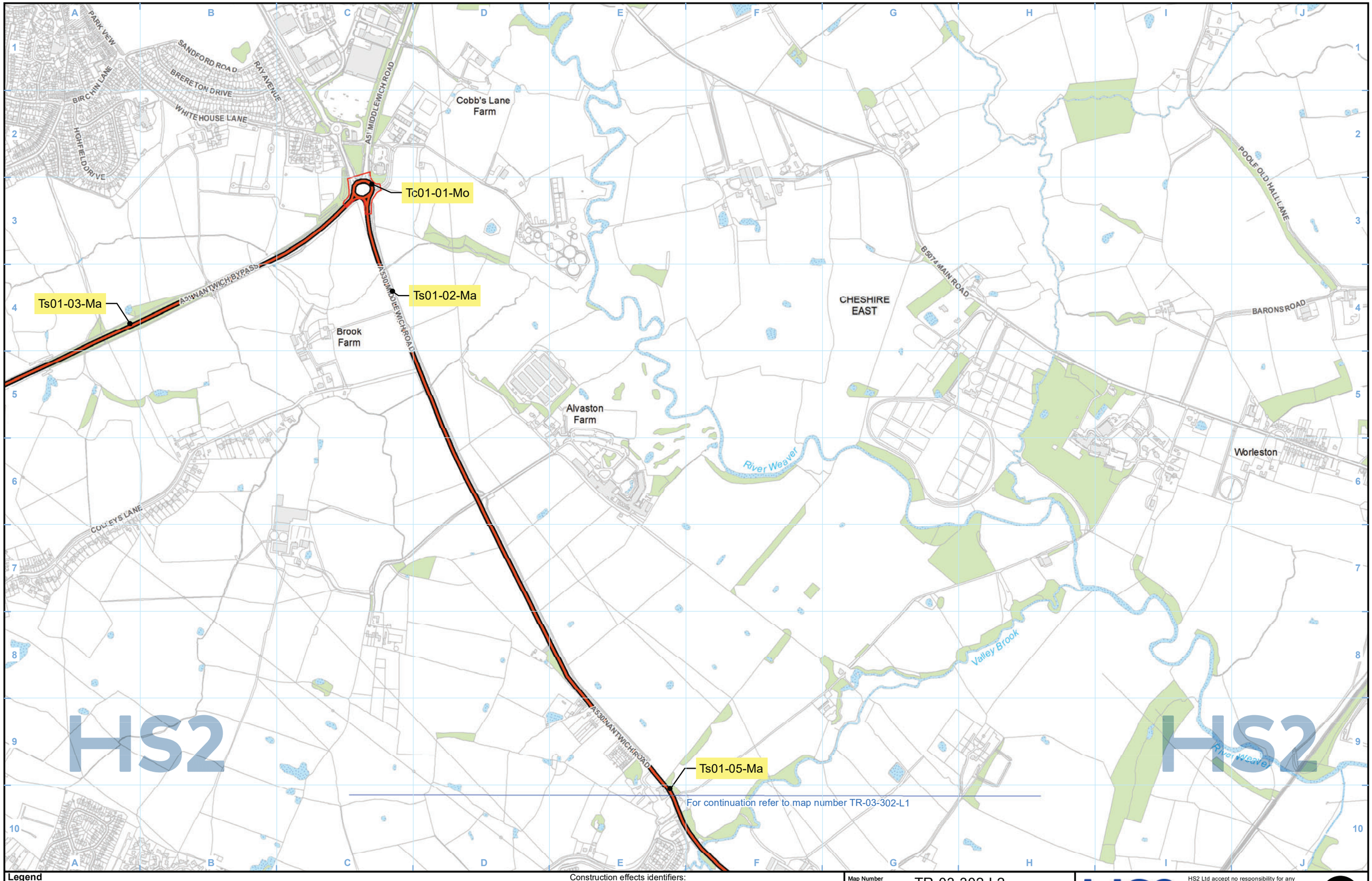

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-302-L2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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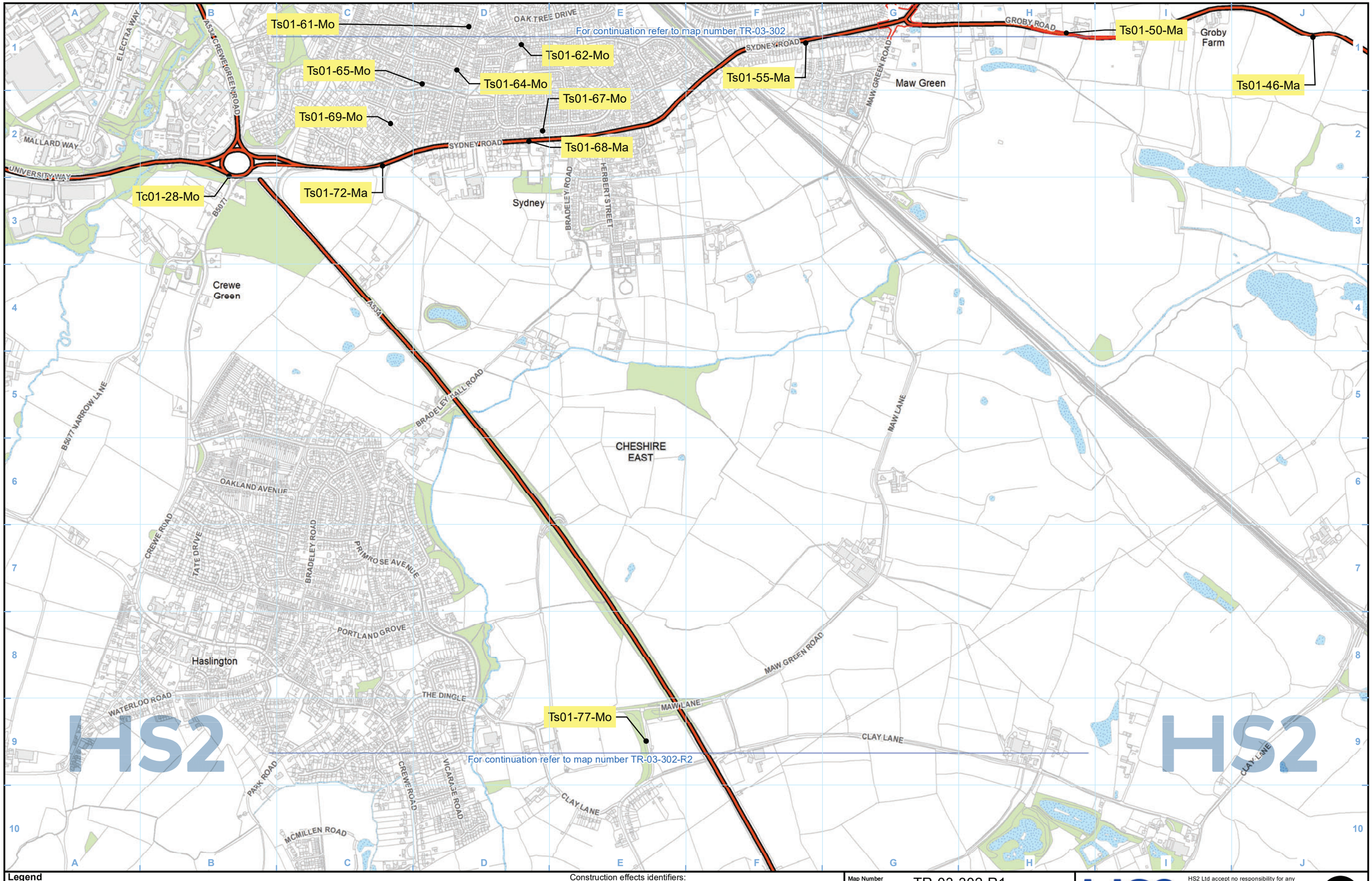

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-302-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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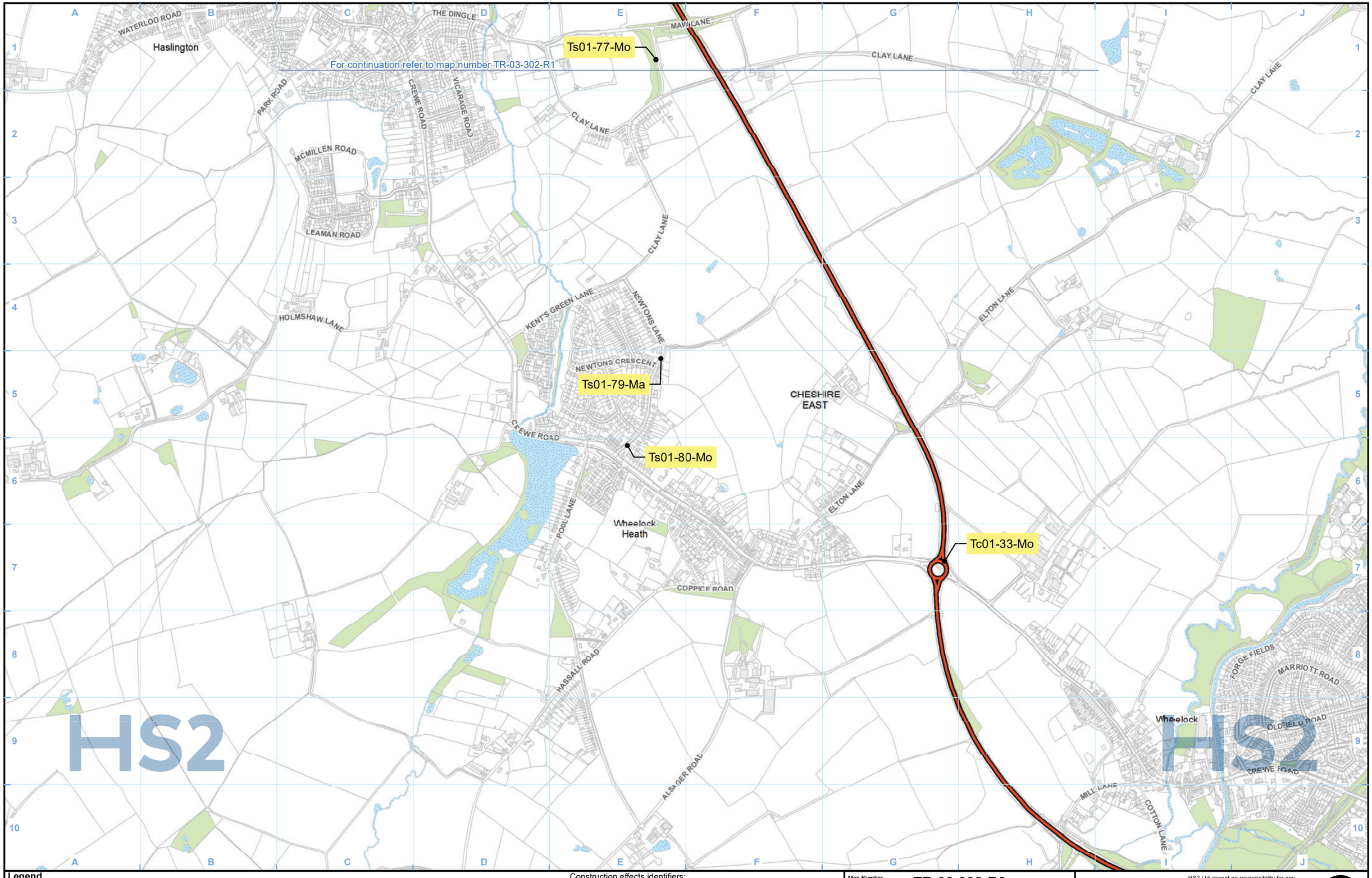

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-302-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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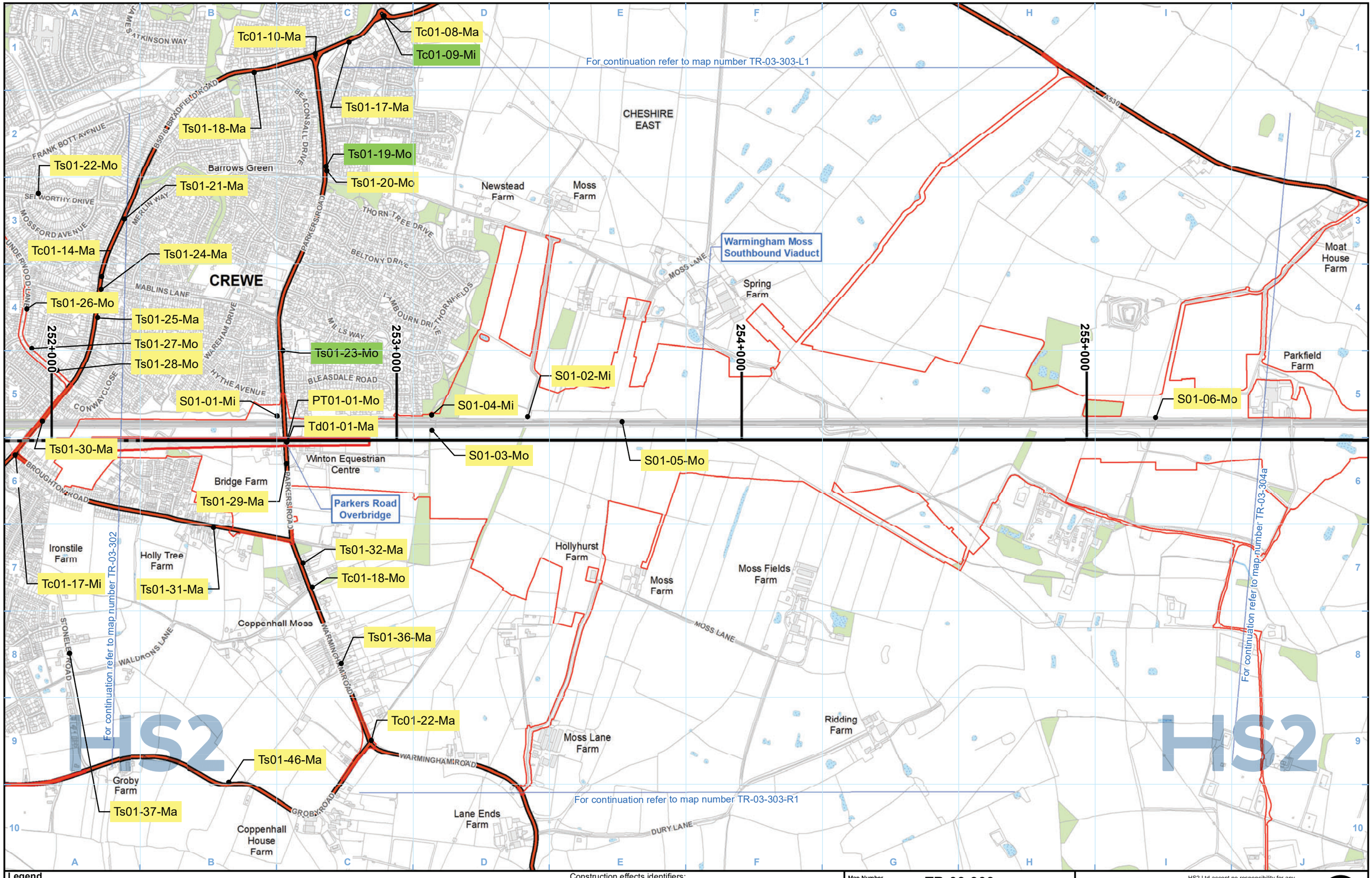

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-303

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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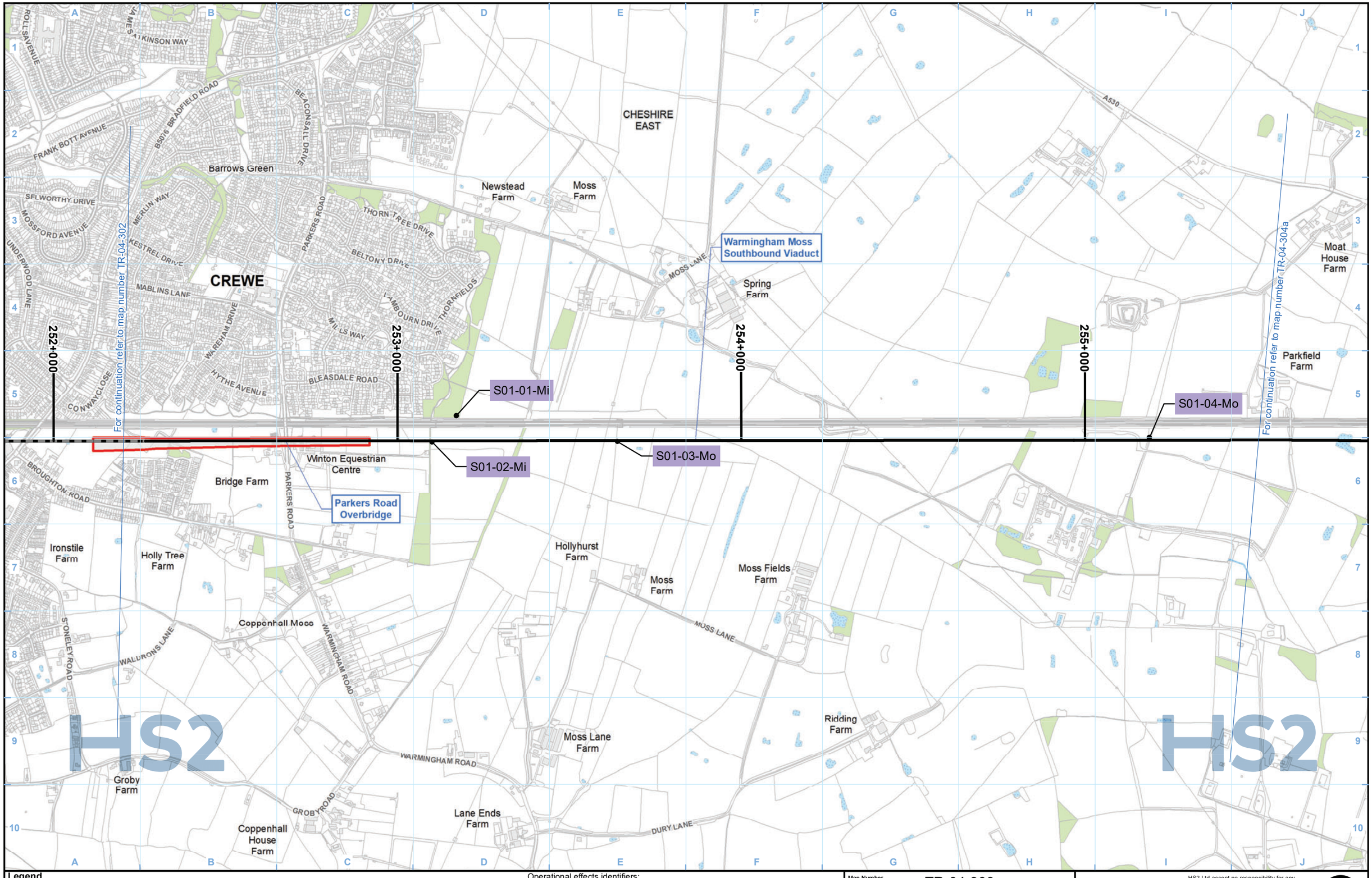

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-303

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA01:
Hough to Walley's Green

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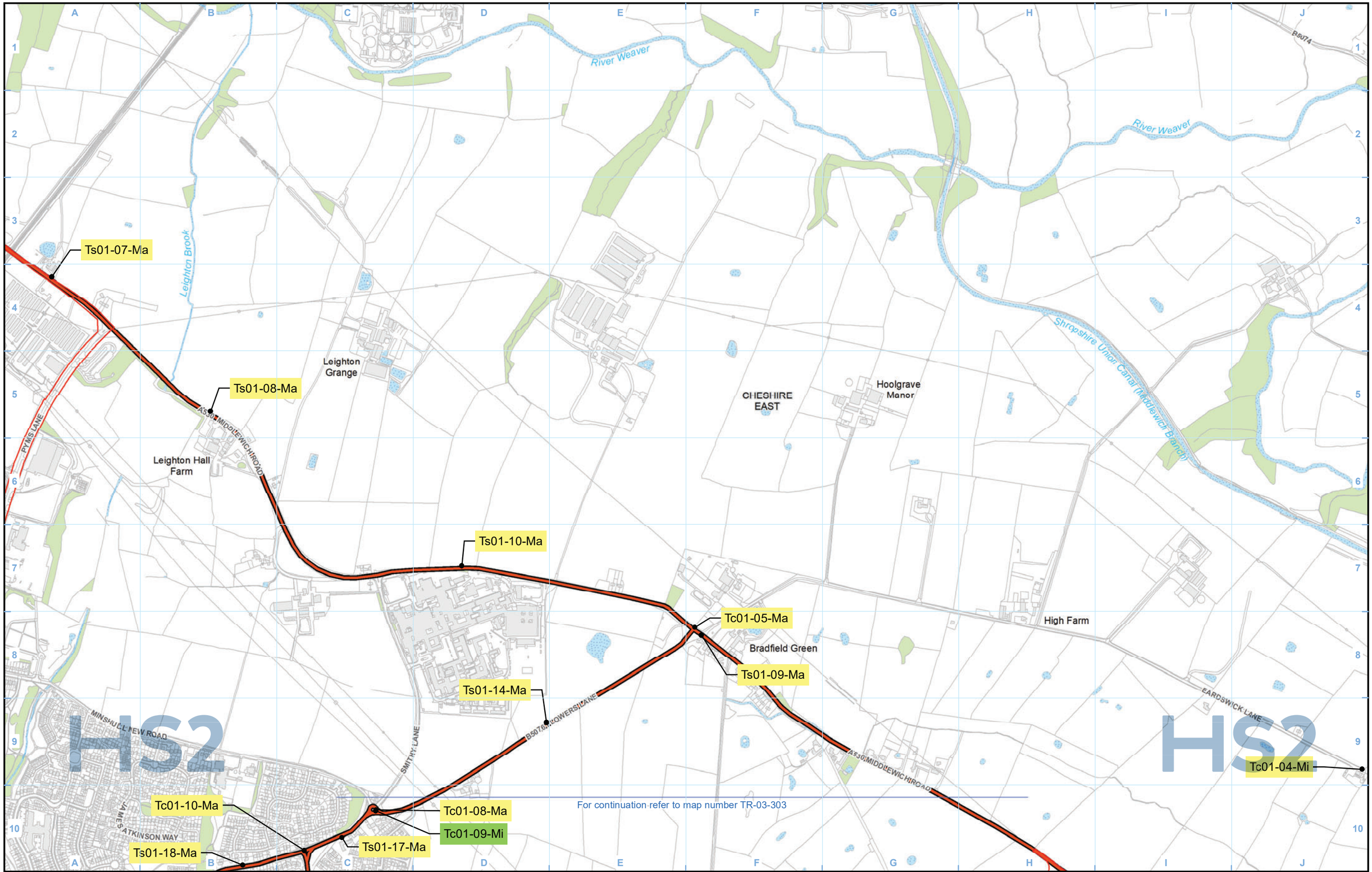

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-303-L1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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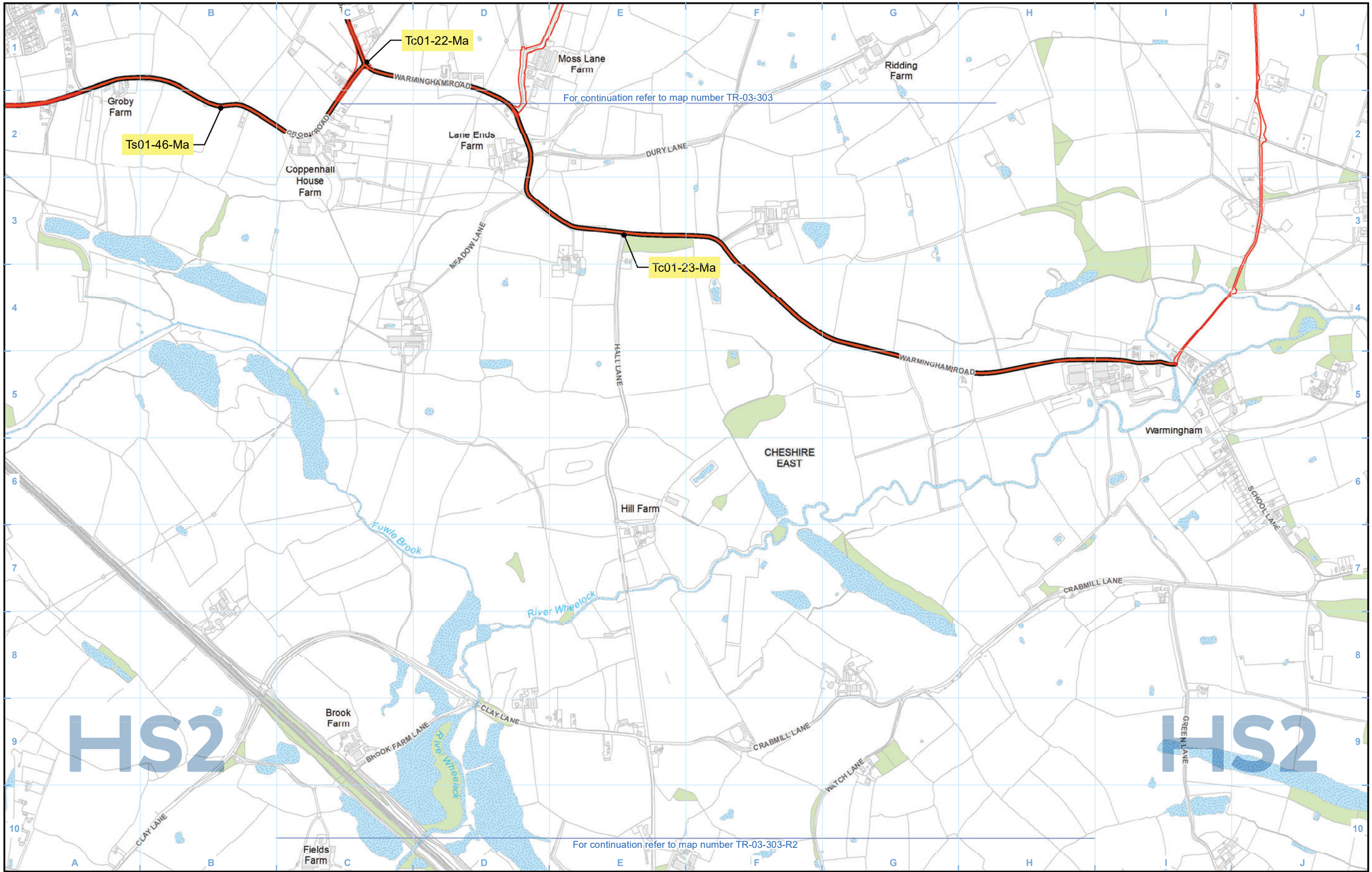

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-303-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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Date: 08/09/21

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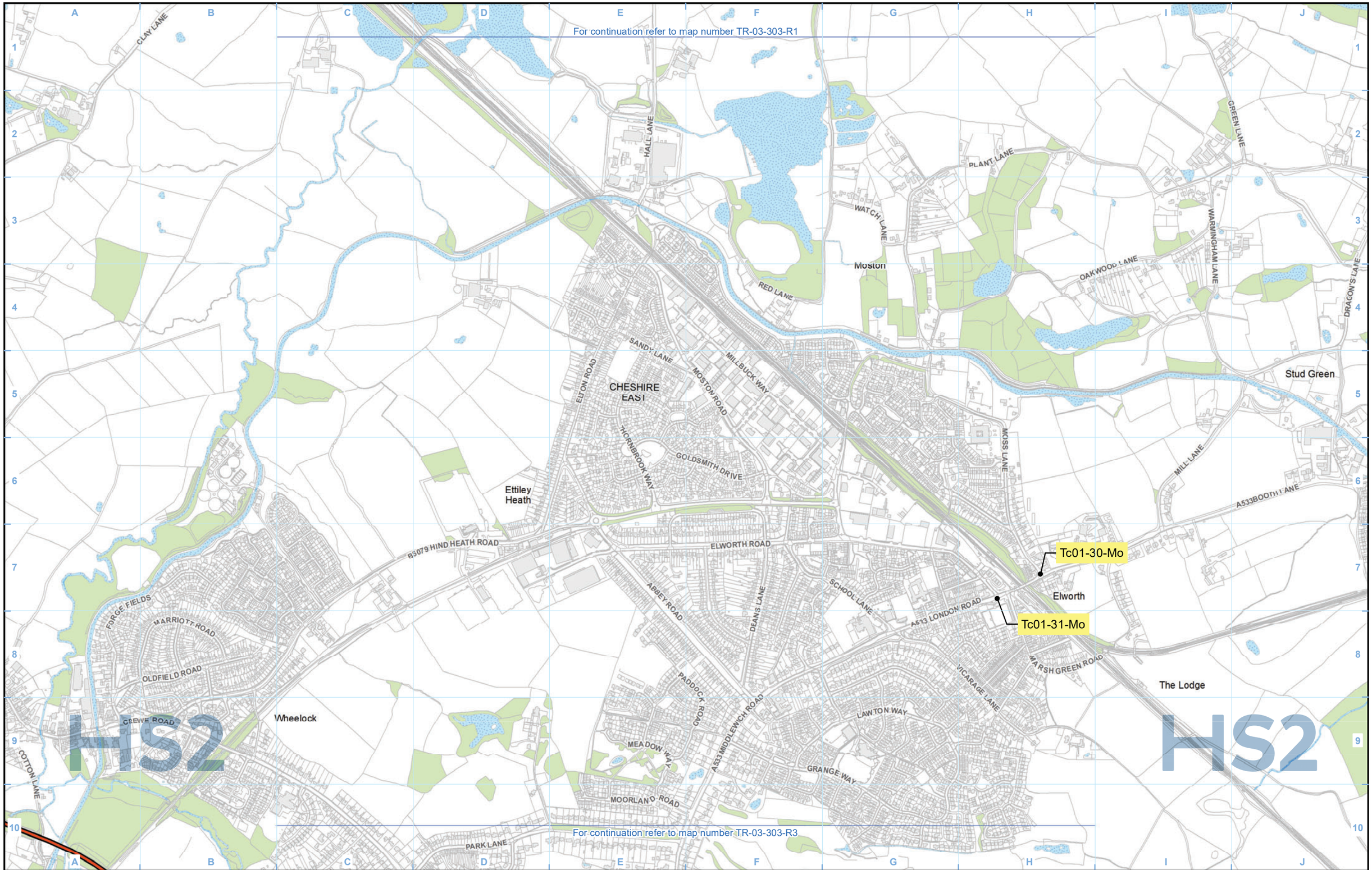

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-303-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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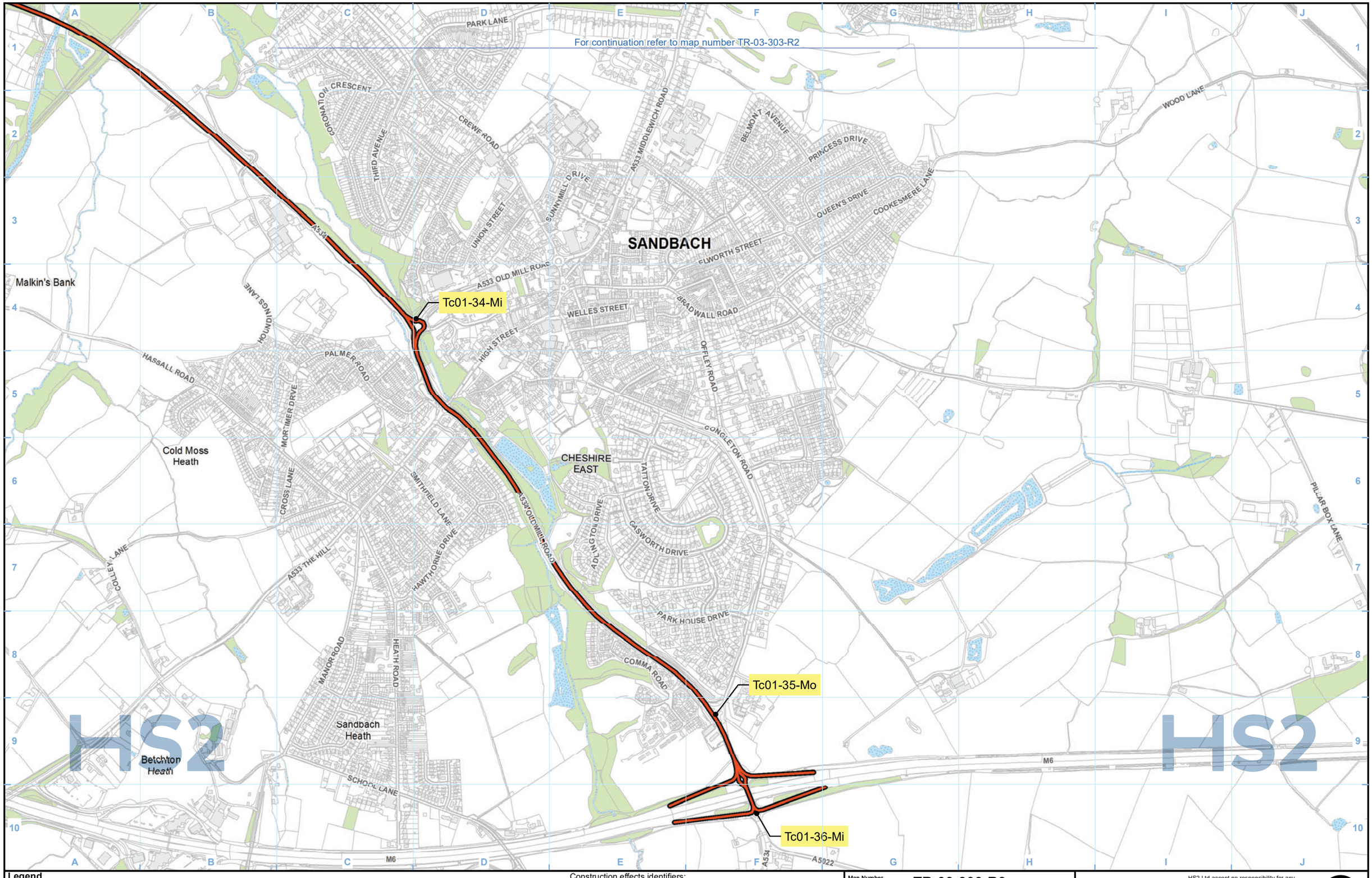

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-303-R3

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01:
Hough to Walley's Green

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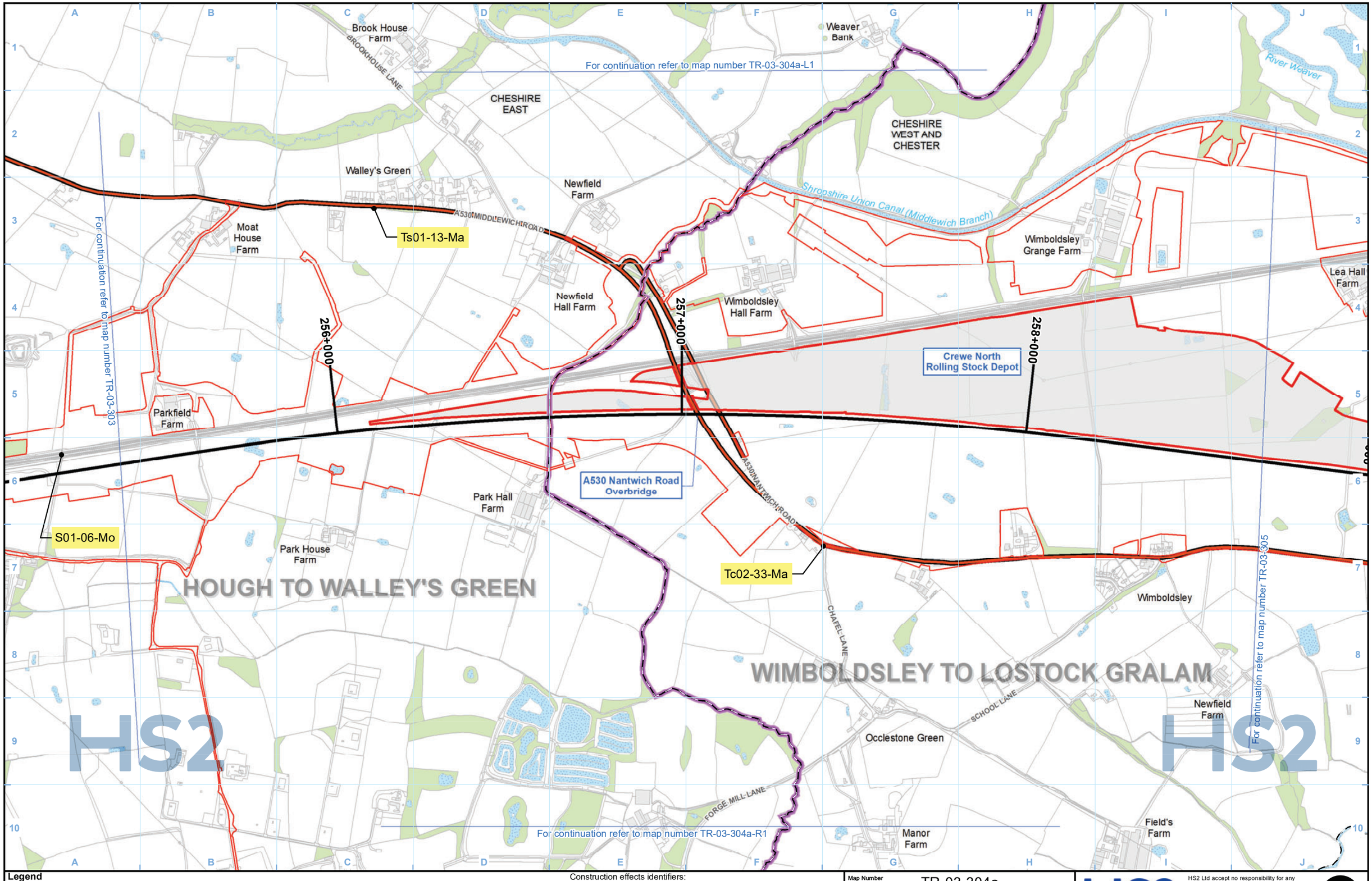

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-304a

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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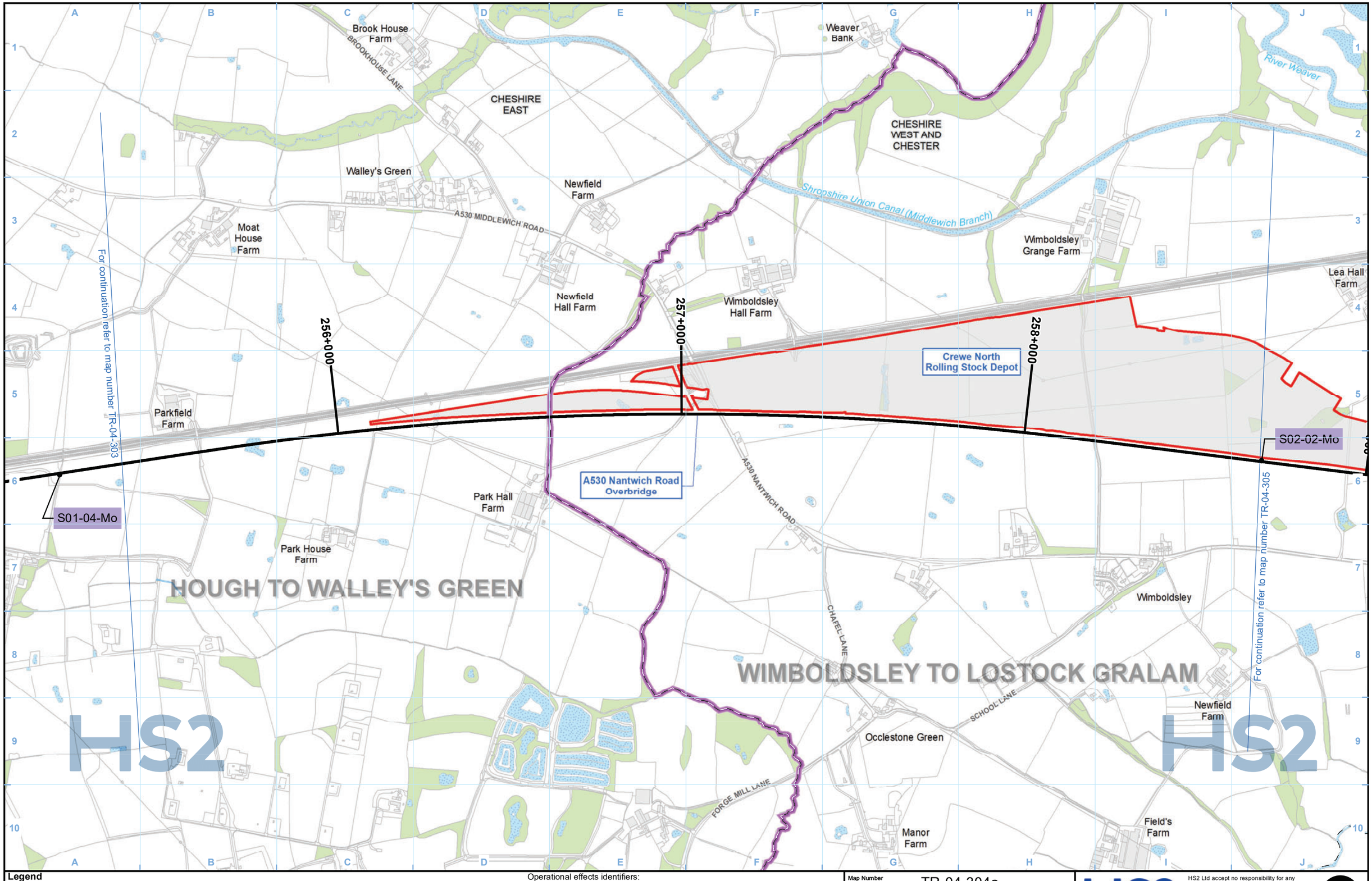

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-304a

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA01:
Hough to Walley's Green

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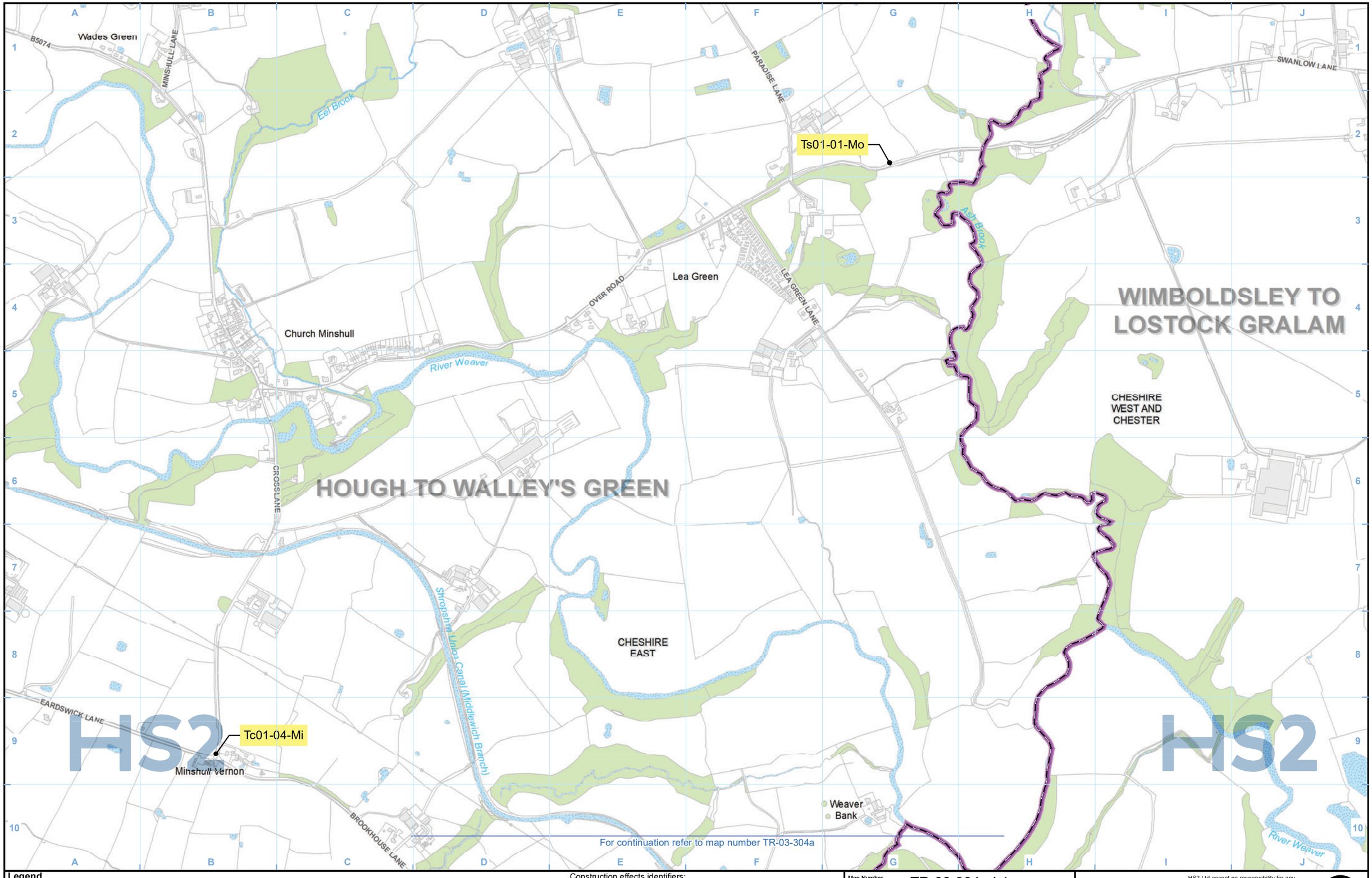

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-304a-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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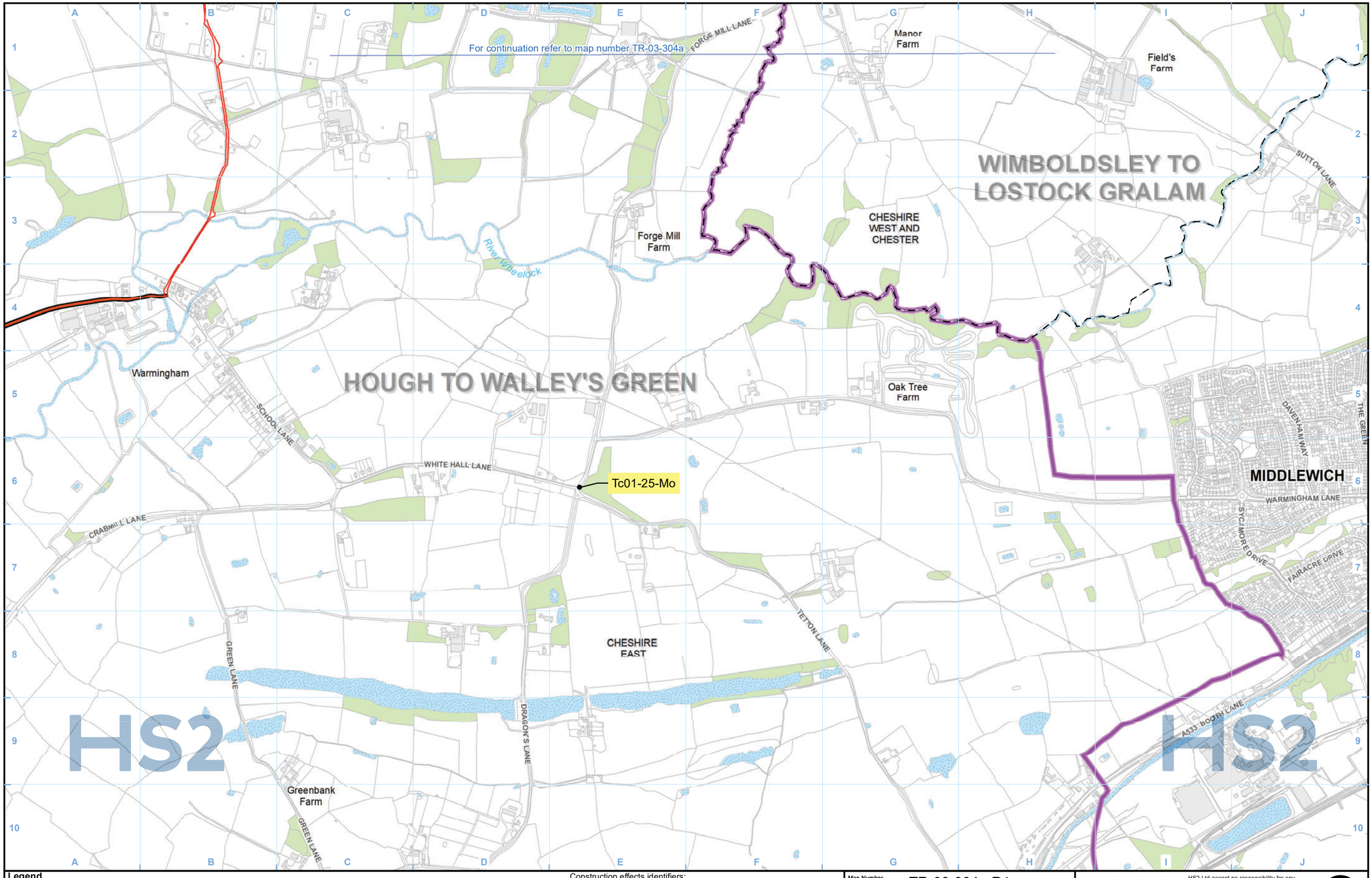

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
Tc - Traffic flows and delays to vehicle occupants
Td - Traffic diversion
Ts - Traffic severance - non-motorised users
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number: TR-03-304a-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA01: Hough to Walley's Green

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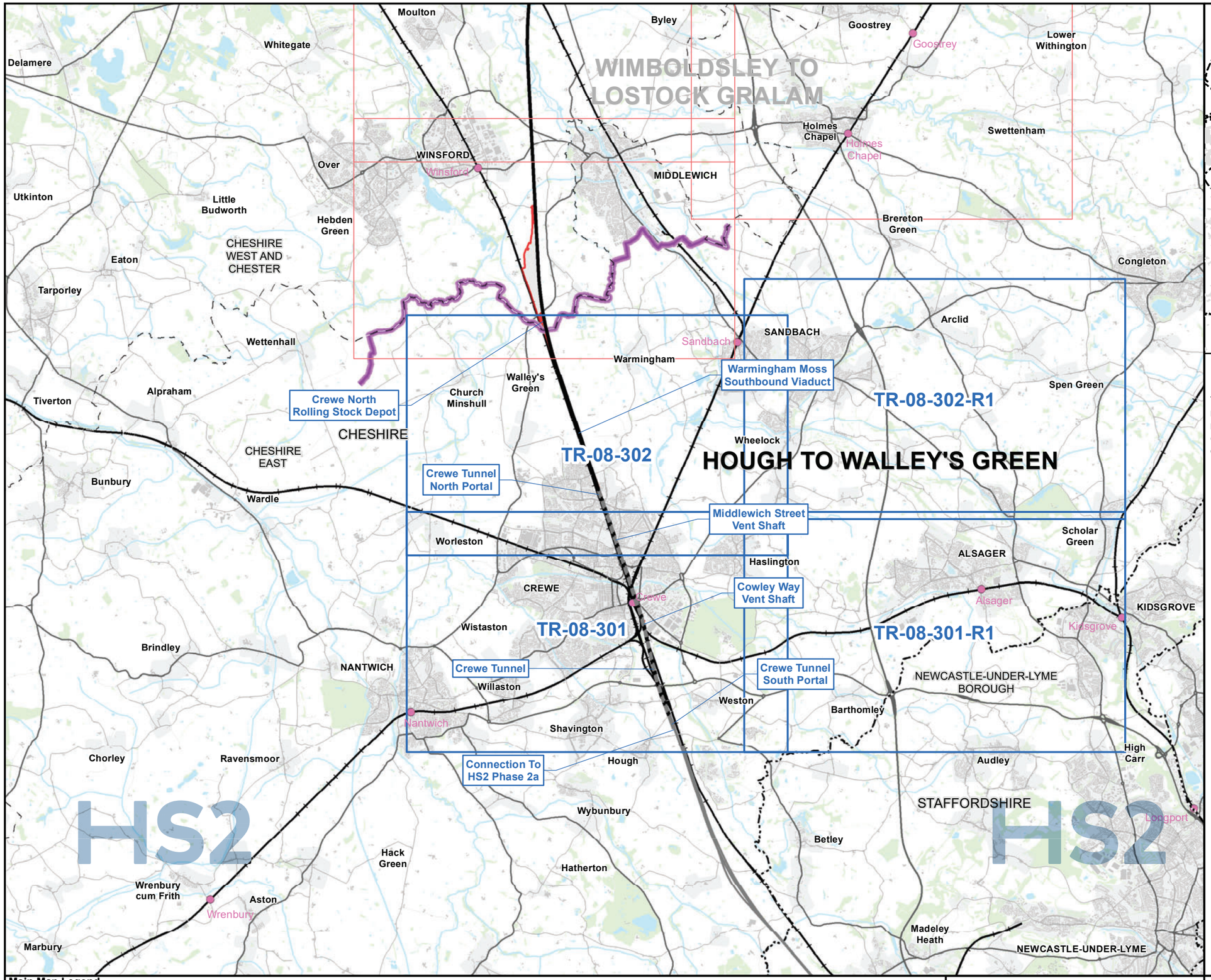

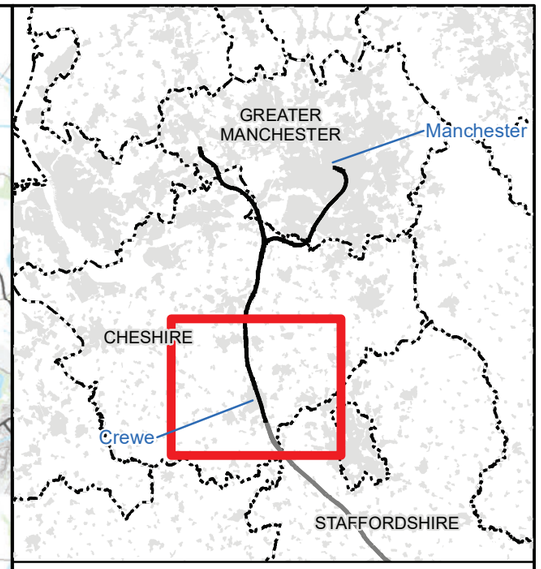

Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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: TR-08-INDEX-MA01

Map Name: Index Map of: Construction Routes to the Strategic Network

Community Area MA01: Hough to Walley's Green

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002235-P01

Date: 05/08/21

For Continuation Refer To TR-08-302

METRES @ 1:25000 — 0 200 500 1000 2500

Middlewich Street Vent Shat Satellite Compound		
Start date	2027 Q3	Rail Systems and Civils
Duration of active use	5 years 6 months	
Duration of busy movements (months)	9	
Peak daily vehicles - Cars & LGV	97-166	
Peak daily vehicles - HGV	59-80	

Cowley Way Vent Shaft Satellite Compound		
Start date	2027 Q4	Rail Systems and Civils
Duration of active use	5 years and 3 months	
Duration of busy movements (months)	4	
Peak daily vehicles - Cars & LGV	114-254	
Peak daily vehicles - HGV	77-88	

Crewe Tunnel South Portal Satellite Compound		
Start date	2029 Q4	Rail Systems and Civils
Duration of active use	4 Years	
Duration of busy movements (months)	6	
Peak daily vehicles - Cars & LGV	142-216	
Peak daily vehicles - HGV	189-190	

ML 250+000
ML 248+000
ML 246+000
ML 245+716

A530 Middlewich Road
A51
A500 Shavington Bypass
Sydney Road
A532 Weston Road
A5020 University Way
A531

For Continuation Refer To TR-08-301-R1

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number: TR-08-301

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA01 Hough to Walley's Green

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METRES @ 1:25000
0 200 500 1000 2500

For Continuation Refer To TR-08-301

A500 Newcastle Road

M6 Junction 16

HS2

HS2

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number
TR-08-301-R1

Map Name
Construction Routes to the Strategic Road Network

Community Area
MA01 Hough to Walley's Green

HS2

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For Continuation Refer To TR-08-303

METRES @ 1:25000 — 0 200 500 1000 2500

MA02 Wimboldsley to Lostock Gralam

MA01 Hough to Walley's Green

ML 256+000

A530 Middlewich Road

ML 254+000

B5076 Flowers Lane

Parkers Road

B5076 Bradfield Road

ML 252+000

A530 Middlewich Road

Groby Road

For Continuation Refer To TR-08-301

For Continuation Refer To TR-08-302-R1

Moss Lane Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	6 years and 9 months	
Duration of busy movements (months)	8	
Peak daily vehicles - Cars & LGV	341-458	
Peak daily vehicles - HGV	160-220	

Warmingham Moss Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	7 years	
Duration of busy movements (months)	7	
Peak daily vehicles - Cars & LGV	365-502	
Peak daily vehicles - HGV	161-220	

Crewe Tunnel North Main Compound		
Start date	2026 Q3	Rail Systems and Civils
Duration of active use	7 years 3 months	
Duration of busy movements (months)	42	
Peak daily vehicles - Cars & LGV	476-644	
Peak daily vehicles - HGV	196-316	

HS2

HS2

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number: TR-08-302

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA01 Hough to Walley's Green

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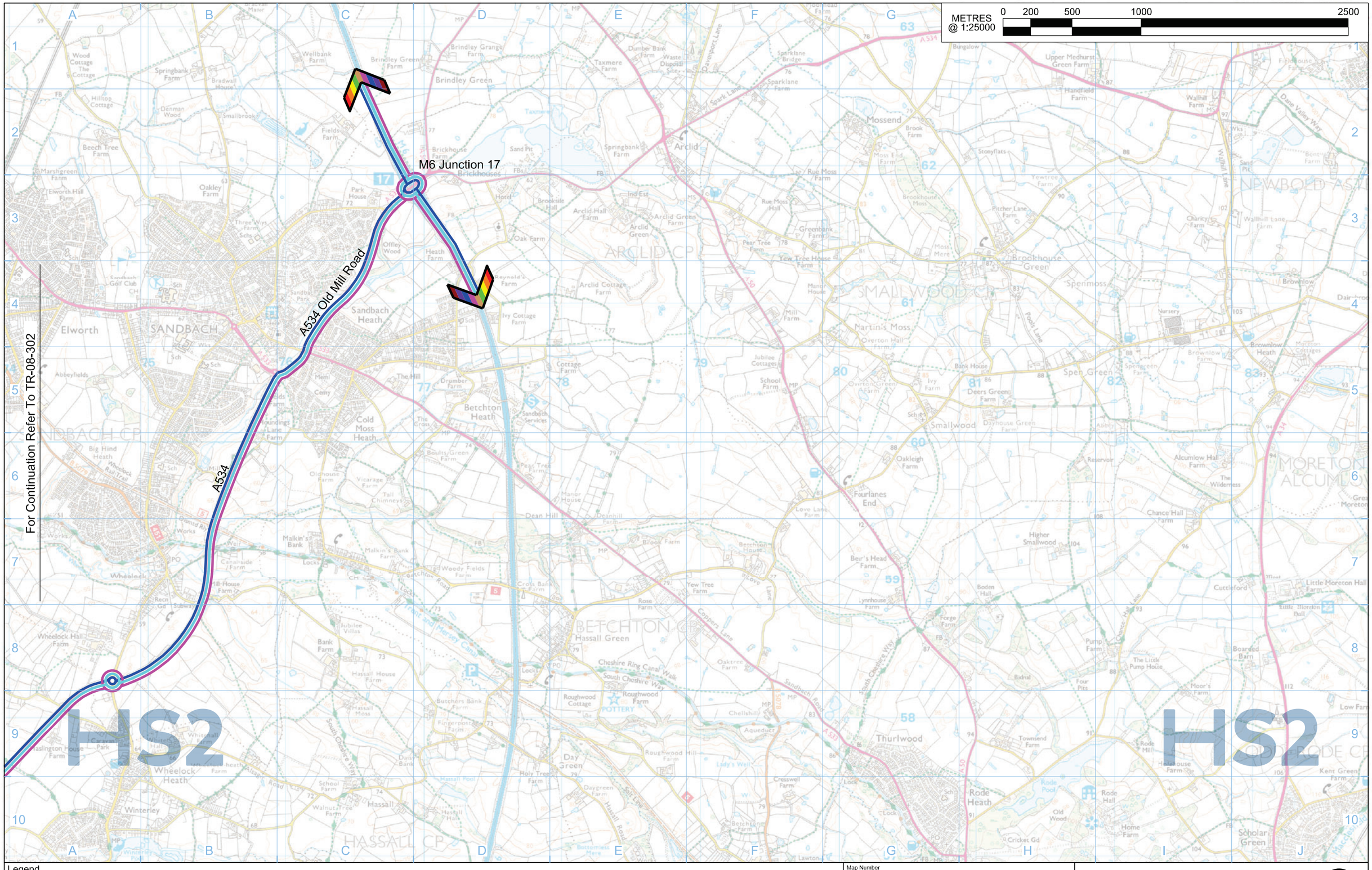

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number

TR-08-302-R1

Map Name

Construction Routes to the Strategic Road Network

Community Area

MA01 Hough to Walley's Green

HS2

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HS2

High Speed Rail (Crewe – Manchester) Environmental Statement

MA02: Wimboldsley to Lostock Gralam

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation

TR-08 - Construction Routes to the Strategic Network

PICKMERE TO AGDEN AND HULSEHEATH

WIMBOLDSLEY TO LOSTOCK GRALAM

HOUGH TO WALLEY'S GREEN

TR-03-309a-L1
TR-03-309a
TR-03-309a-R1
TR-03-308-L1
TR-03-308
TR-03-307-L1
TR-03-307
TR-03-306
TR-03-306-L1
TR-03-306-R1
TR-03-305-L1
TR-03-305
TR-03-305-R1
TR-03-305-R2
TR-03-304b

Smoker Brook Viaduct
Lostock Gralam Viaduct
Wade Brook Viaduct
Trent And Mersey Canal Viaduct
Gad Brook Viaduct
Puddinglake Brook Viaduct
River Dane Viaduct
A54 Middlewich Road Viaduct
Crewe North Rolling Stock Depot
Shropshire Union Canal Viaduct

Runcorn East
RUNCORN
Lower Stretton
Mere
Over Tabley
Mobberley
WILMSLOW
Alderley Edge
Knutsford
KNUTSFORD
Pickmere
Comberbach
Acton Bridge
Ollerton
Lostock Gralam
Plumley
Chelford
Kingsley
Weaverham
NORTHWICH
Northwich
Lower Peover
Over Peover
Greenbank
Norley
Cuddington
Hartford
Lach Dennis
Delamere
Moulton
Goostrey
Byley
Lower Withington
Whitegate
CHESHIRE WEST AND CHESTER
Holmes Chapel
Swettenham
CHESHIRE EAST
MIDDLEWICH
WINSFORD
Winsford
Over
Utkinton
Little Budworth
Hebden Green
Brereton Green
CHESHIRE
Eaton
Congleton
Tarporley
Arclid
SANDBACH
Sandbach
Wettenhall
Warmingham
Church Minshull
Walley's Green
Spen Green
Alpraham
Tiverton
Bunbury
Wheelock Heath
CREWE
Rode Heath

HS2

GREATER MANCHESTER
Manchester
CHESHIRE
Crewe
STAFFORDSHIRE

Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-03-INDEX-MA02

Map Name:
Index Map of:
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02:
Wimboldsley to Lostock Gralam

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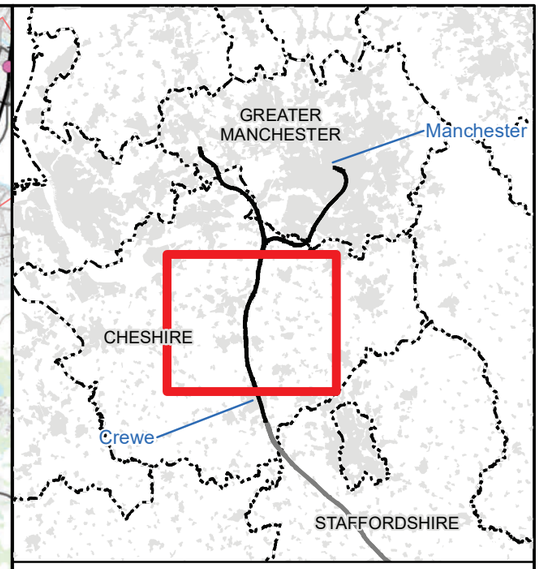
Date: 07/09/21



Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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	TR-04-INDEX-MA02
Map Name	Index Map of: Significant Residual Transport Effects Arising from Operation
	Community Area MA02: Wimboldsley to Lostock Gralam

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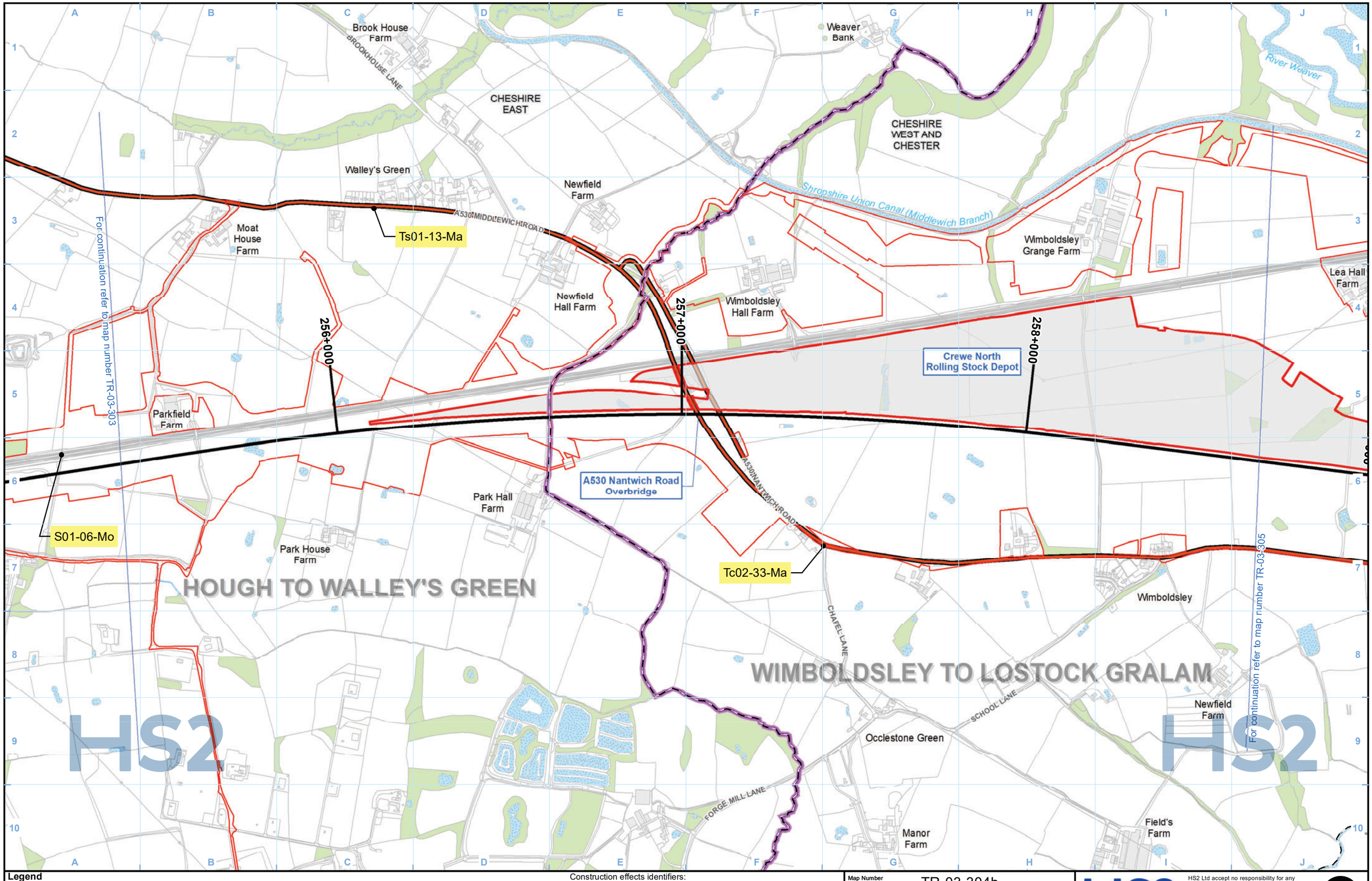

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-304b

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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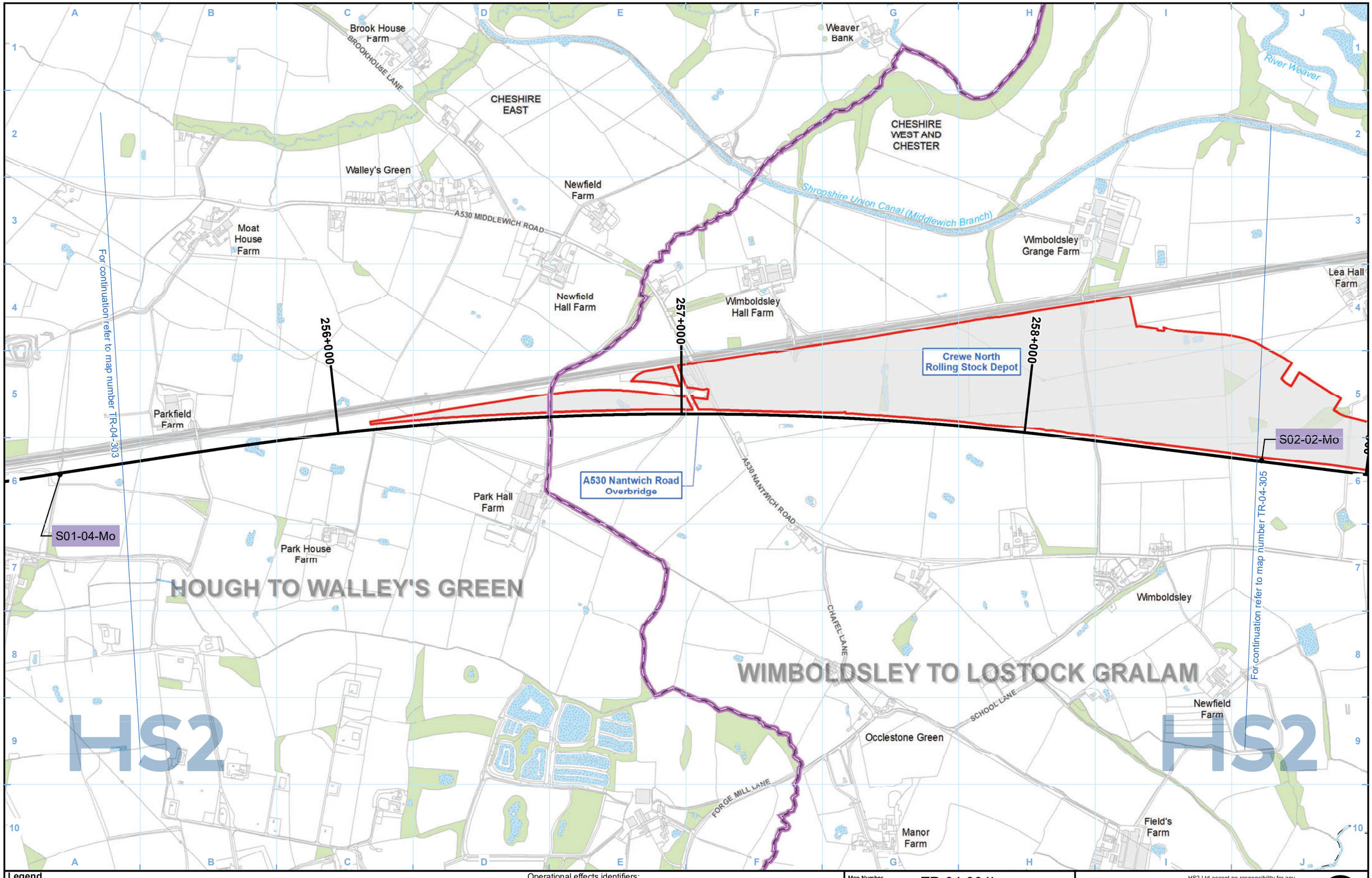

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-304b

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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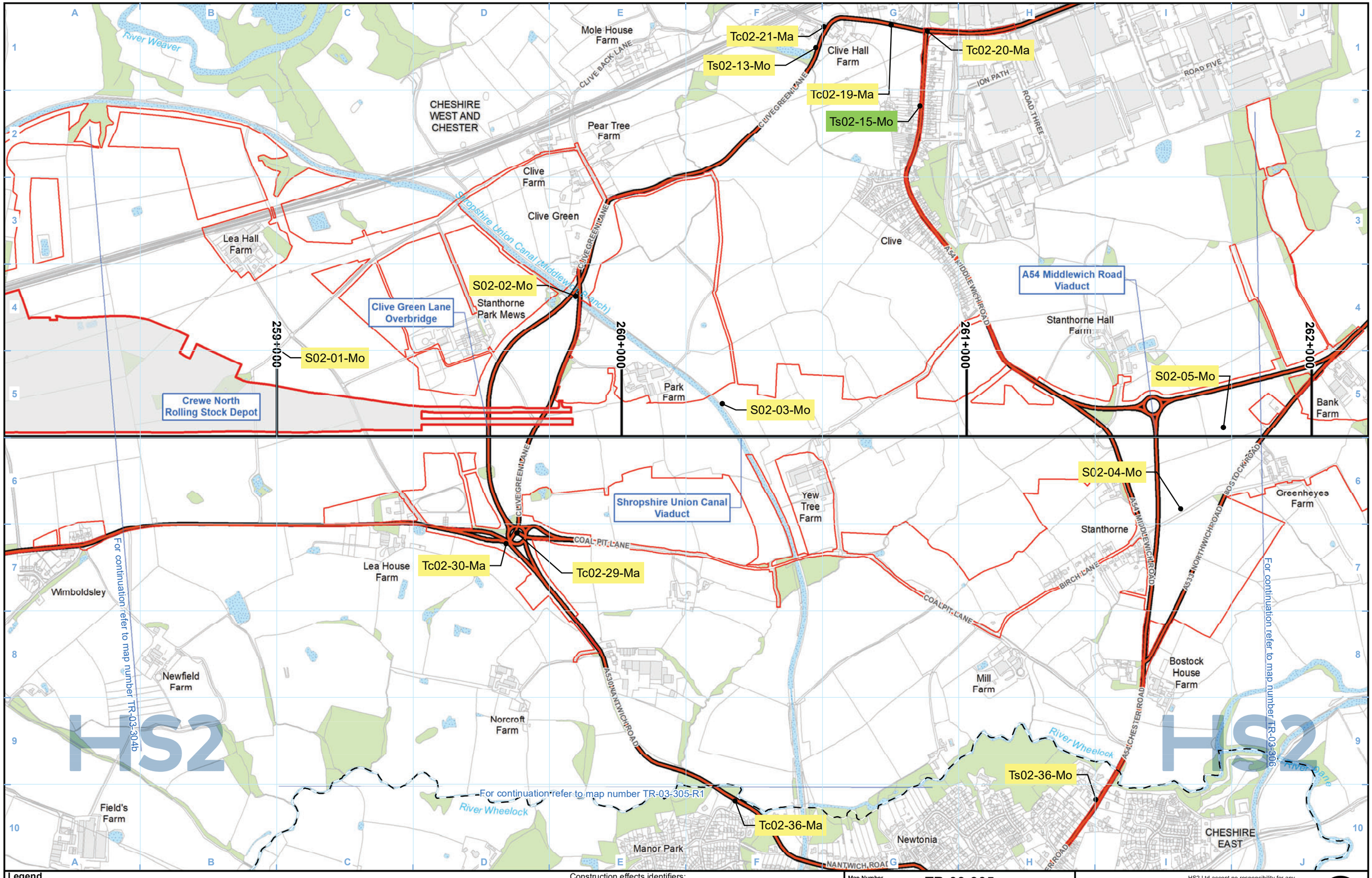

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-305

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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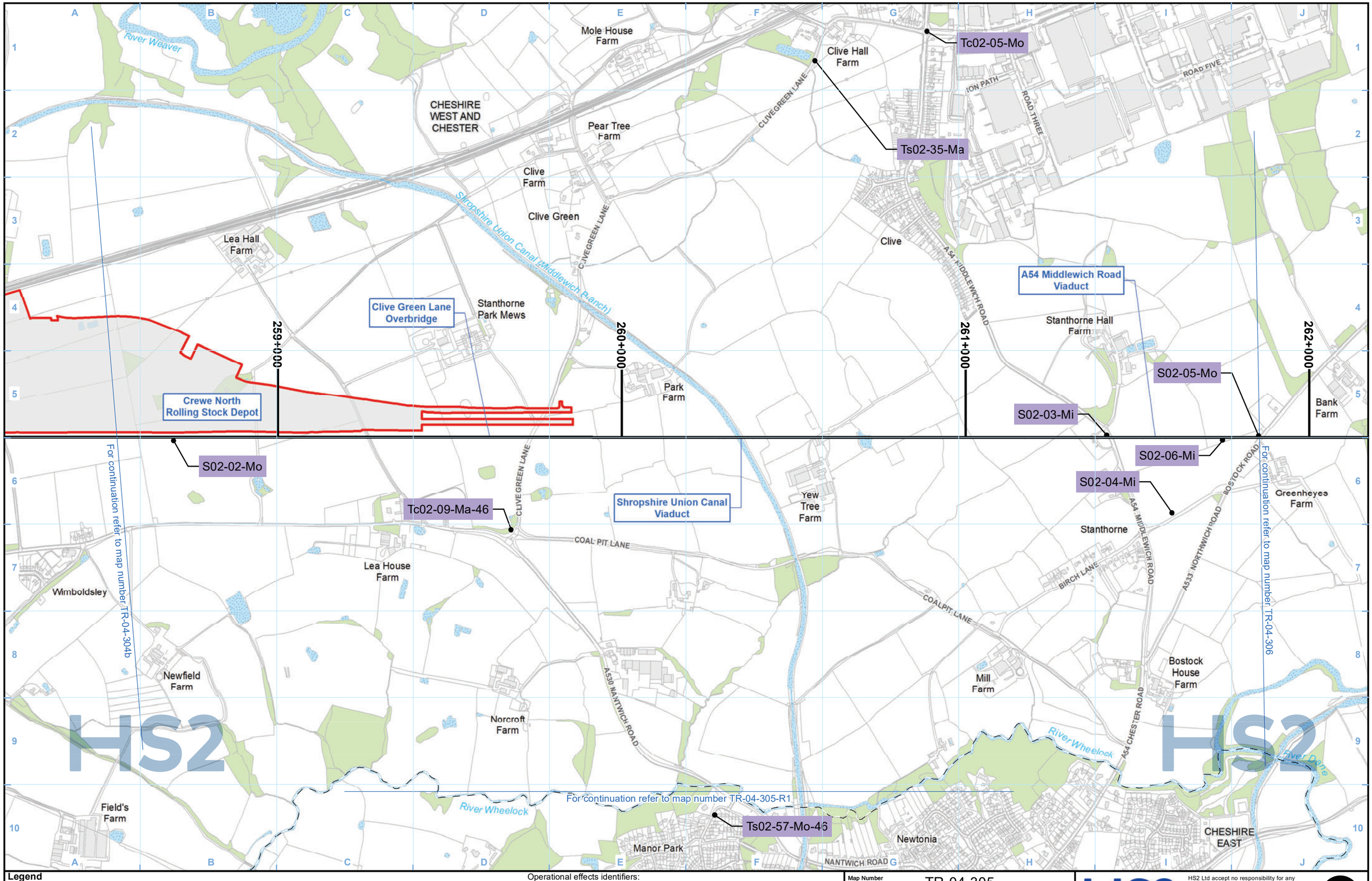
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-305

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-305-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-305-L1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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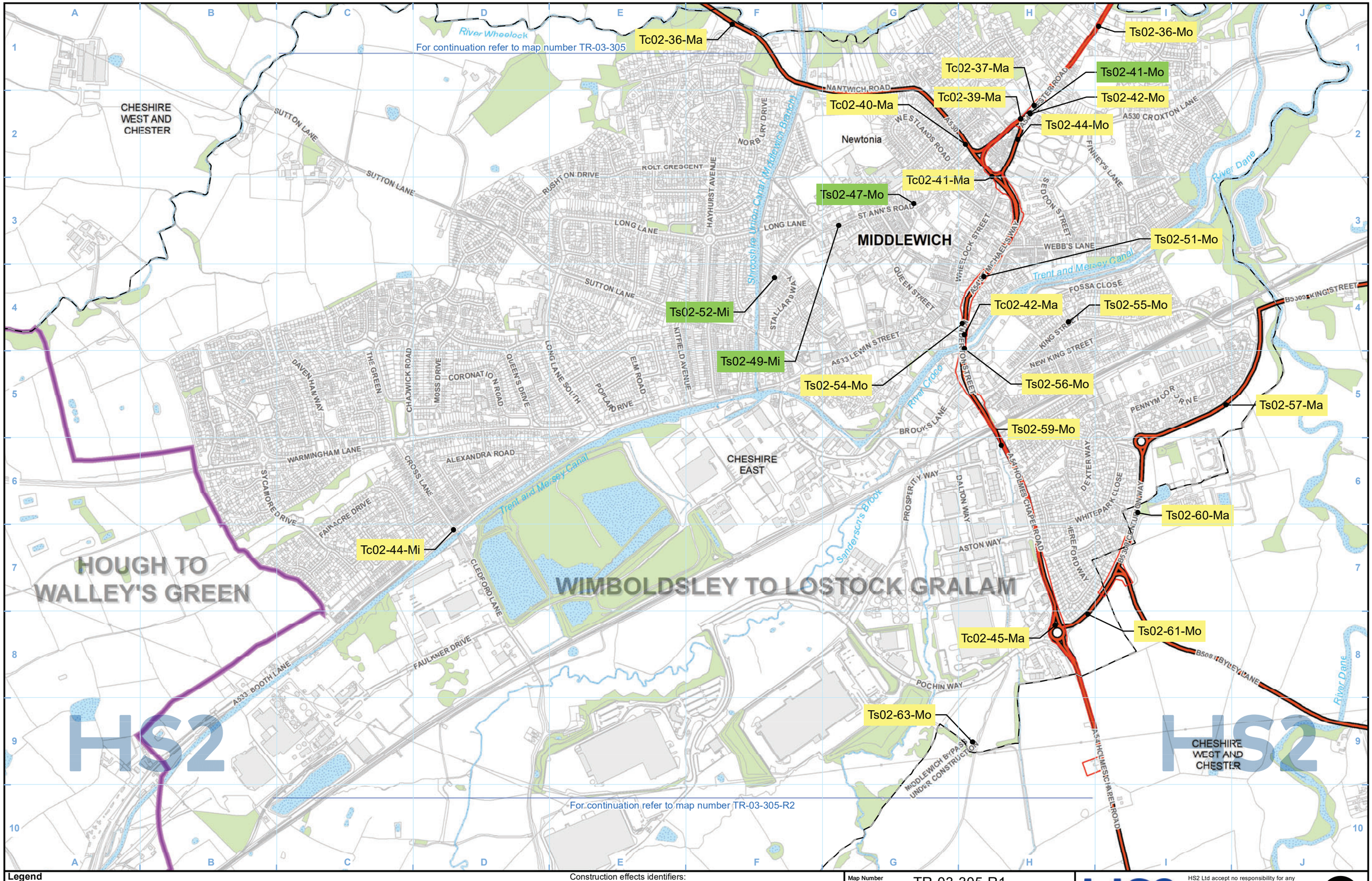

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-305-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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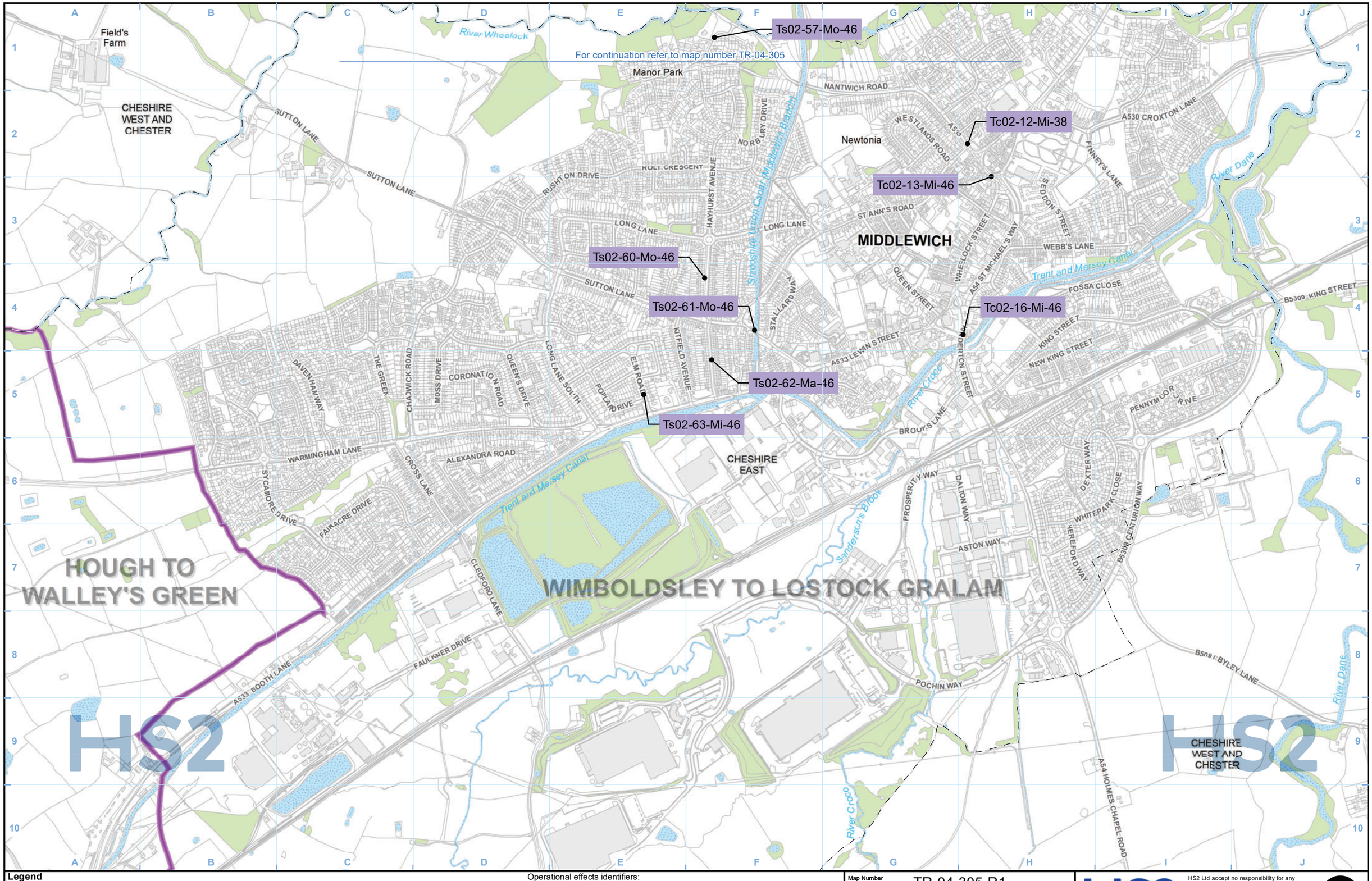

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-305-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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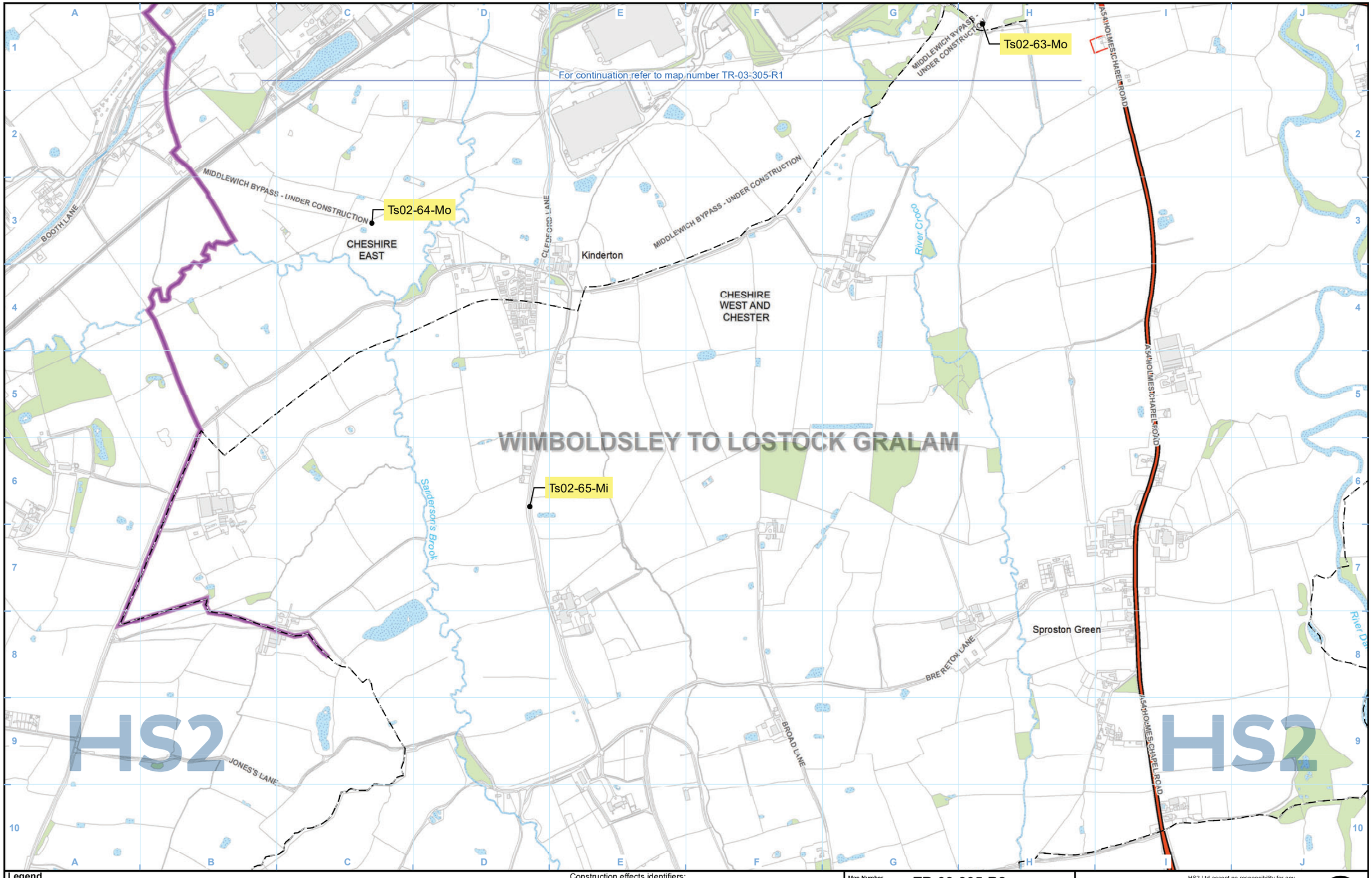

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-305-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02:
Wimboldsley to Lostock Gralam

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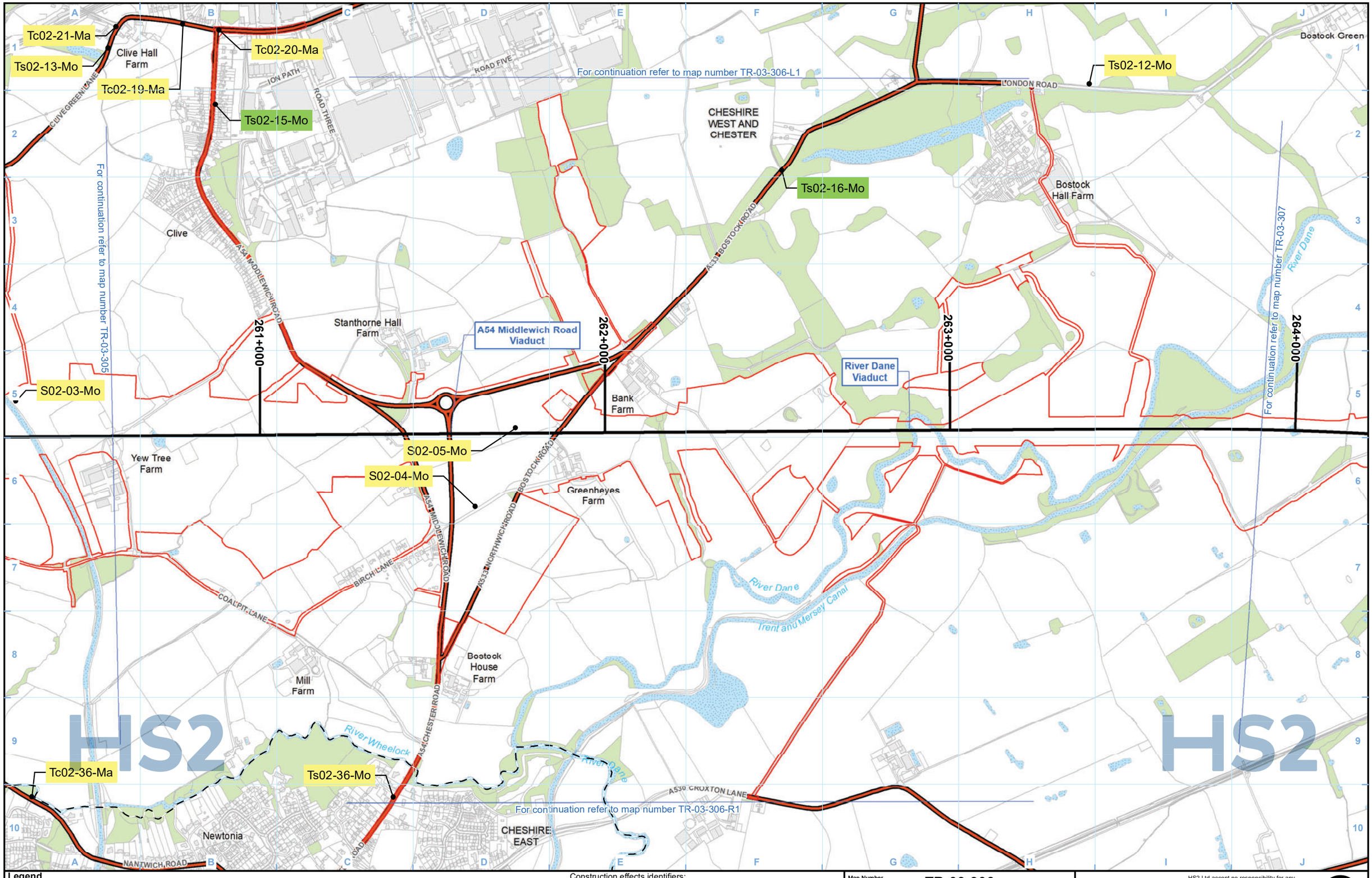

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-306

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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0 100 200 300 400 Metres

Doc Number: 2DE01-MWJ-EV-MAP-M000-002149-P01

Date: 08/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-306

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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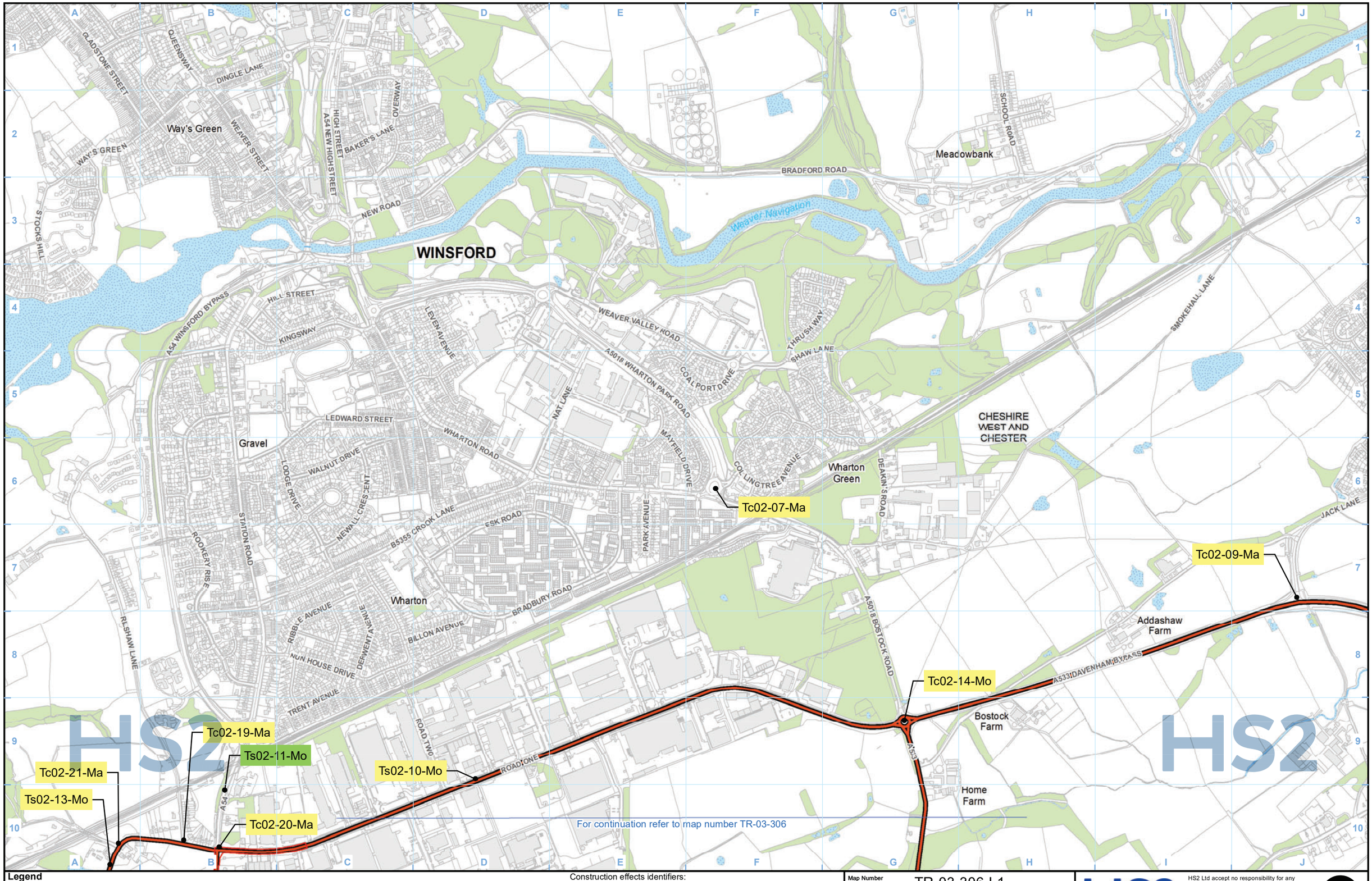

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-306-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002897-P01

Date: 08/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-306-L1

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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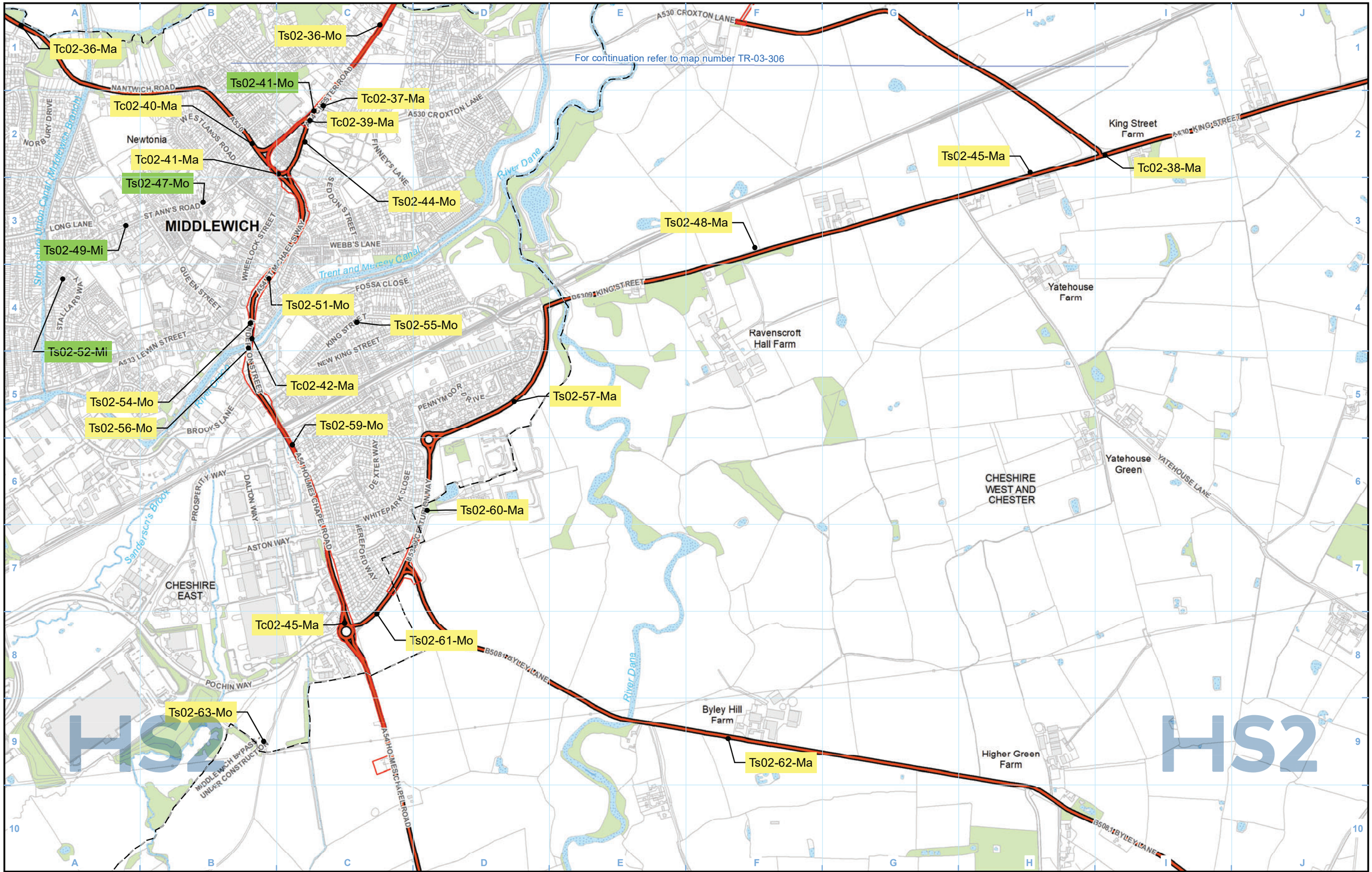

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
Tc - Traffic flows and delays to vehicle occupants
Td - Traffic diversion
Ts - Traffic severance - non-motorised users
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number TR-03-306-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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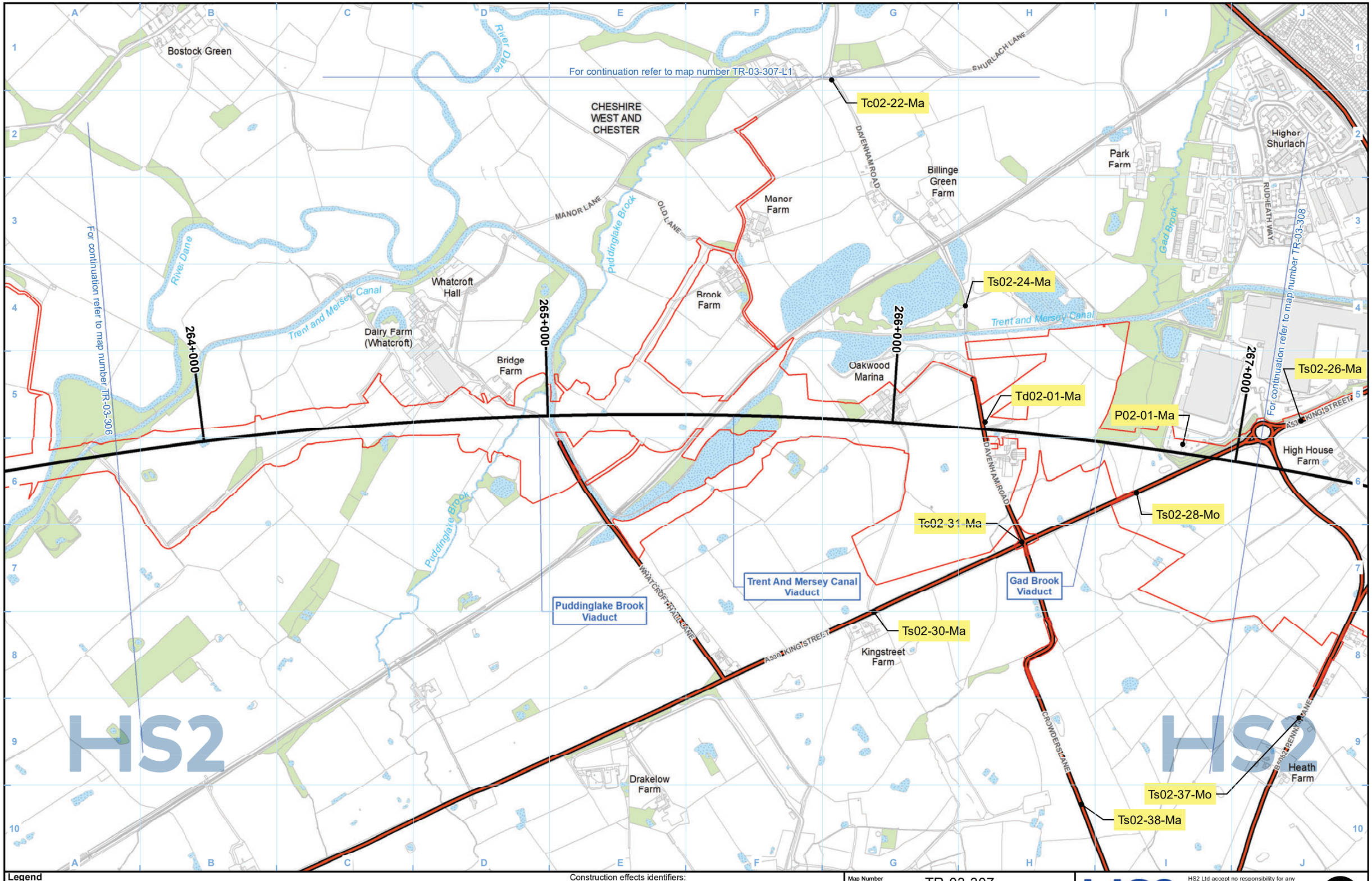

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-307

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02:
Wimboldsley to Lostock Gralam

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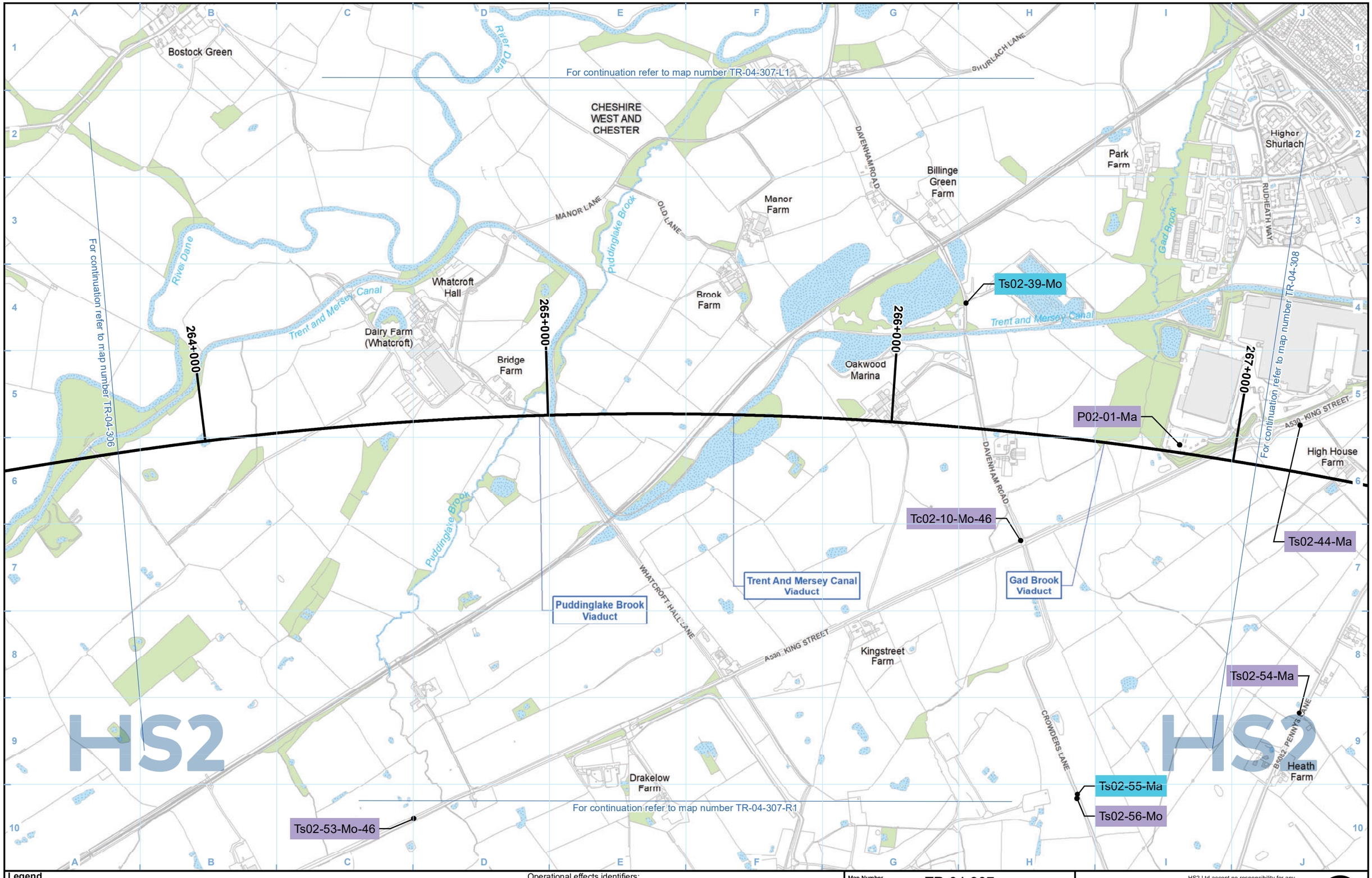

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-307

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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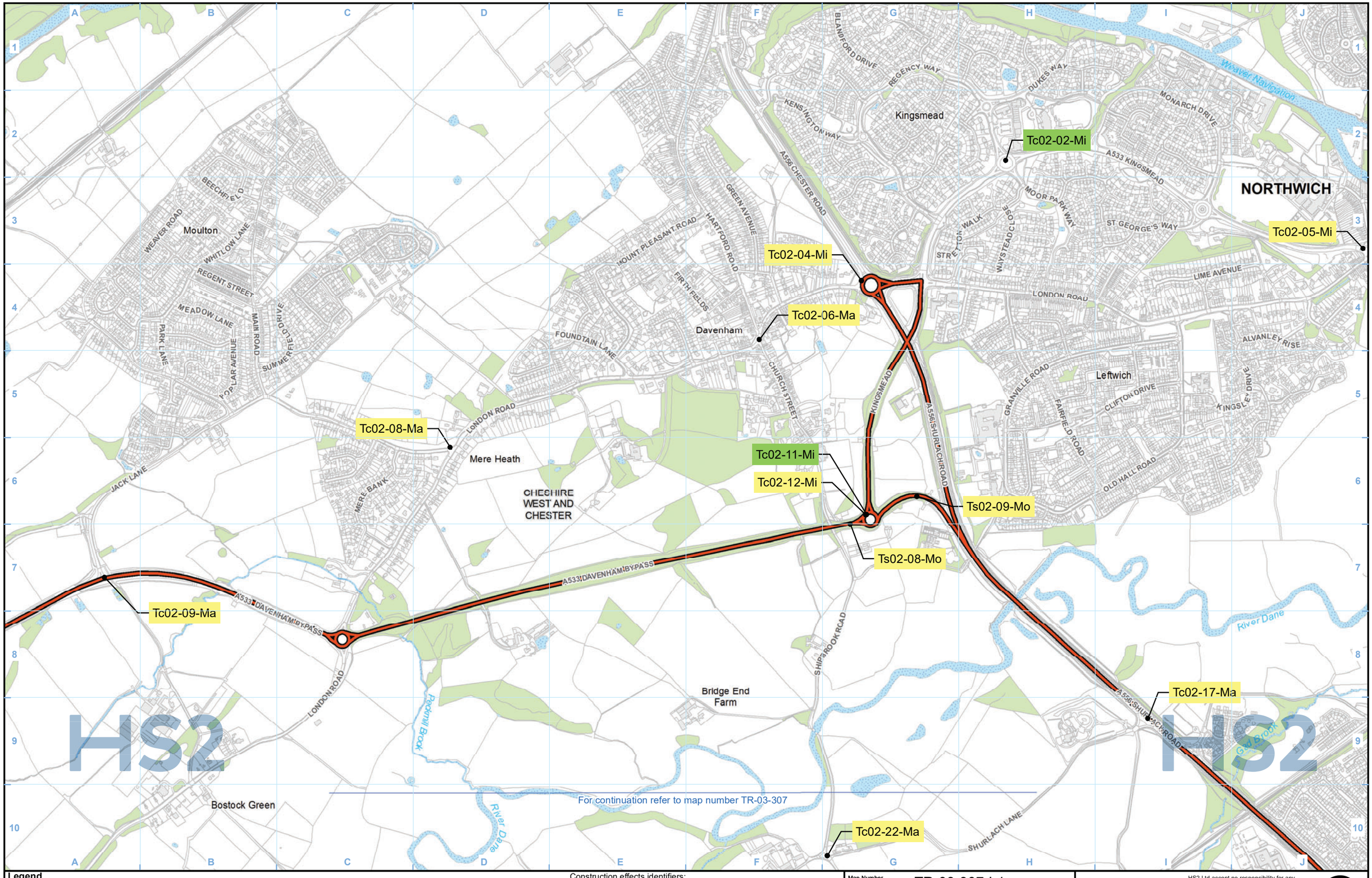

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- PT: Effect Level
- 01: Feature Number
- 01: CA Number
- Ma: Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-307-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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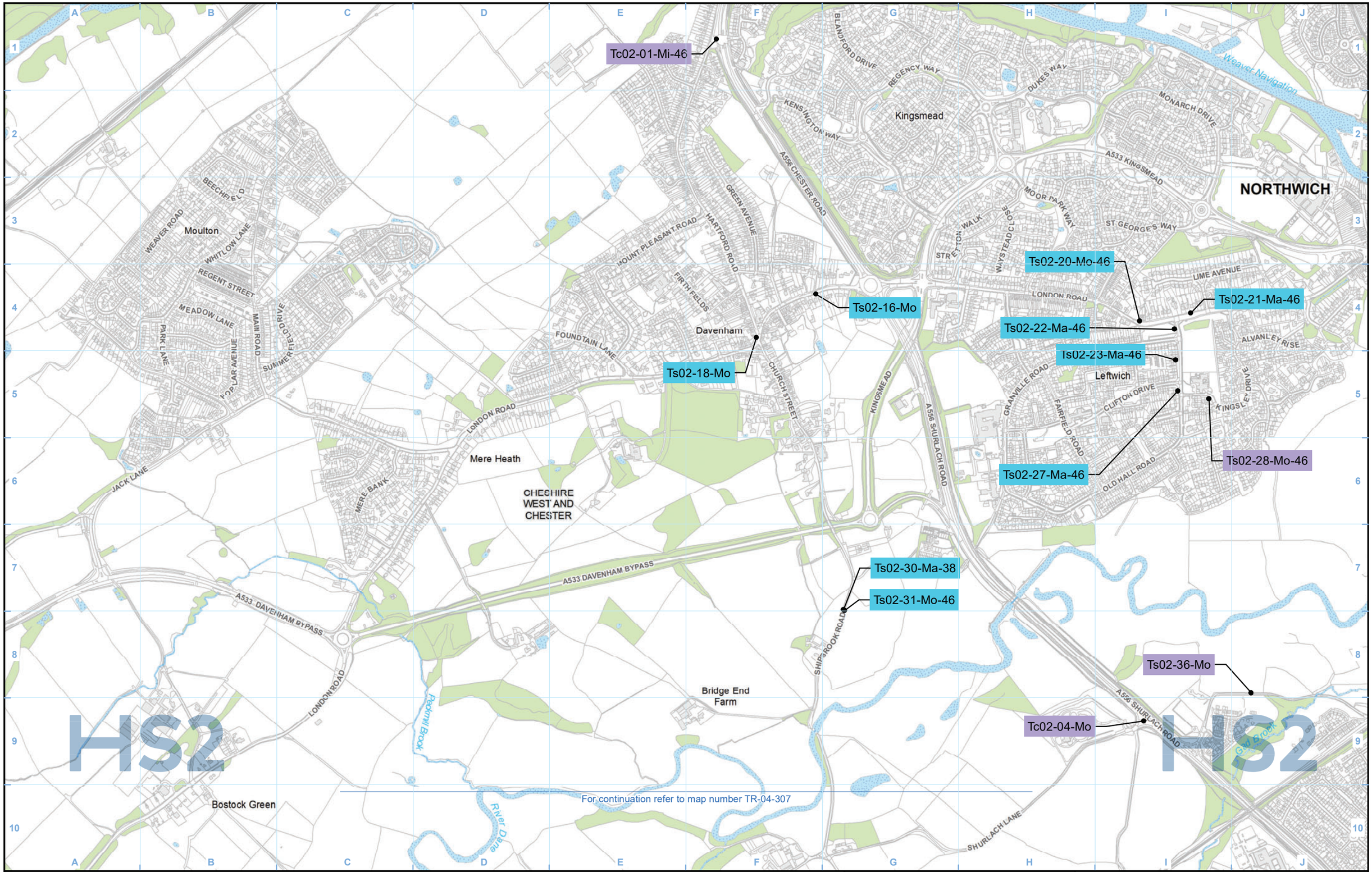

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-307-L1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-307-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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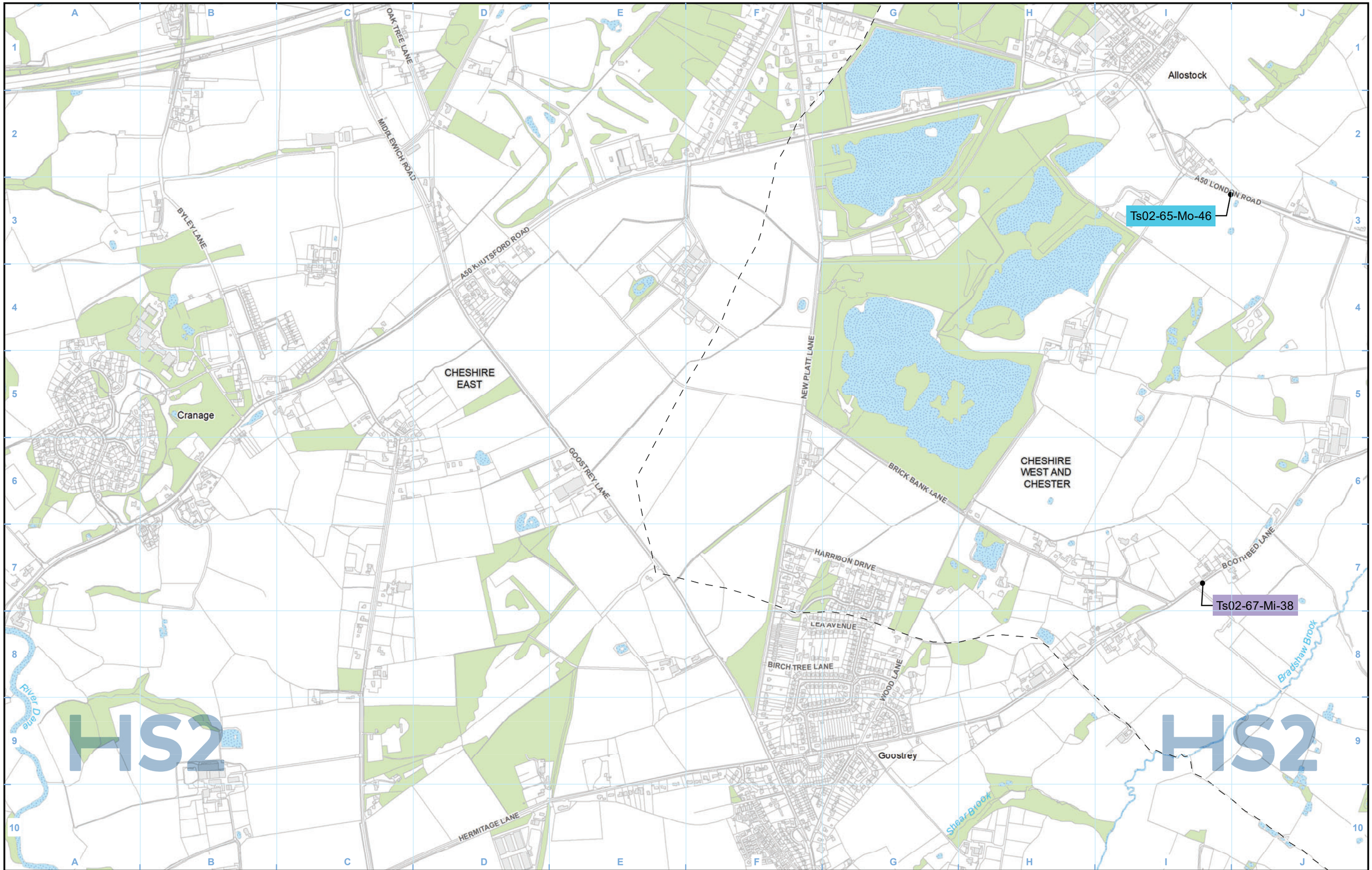

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-307-R2

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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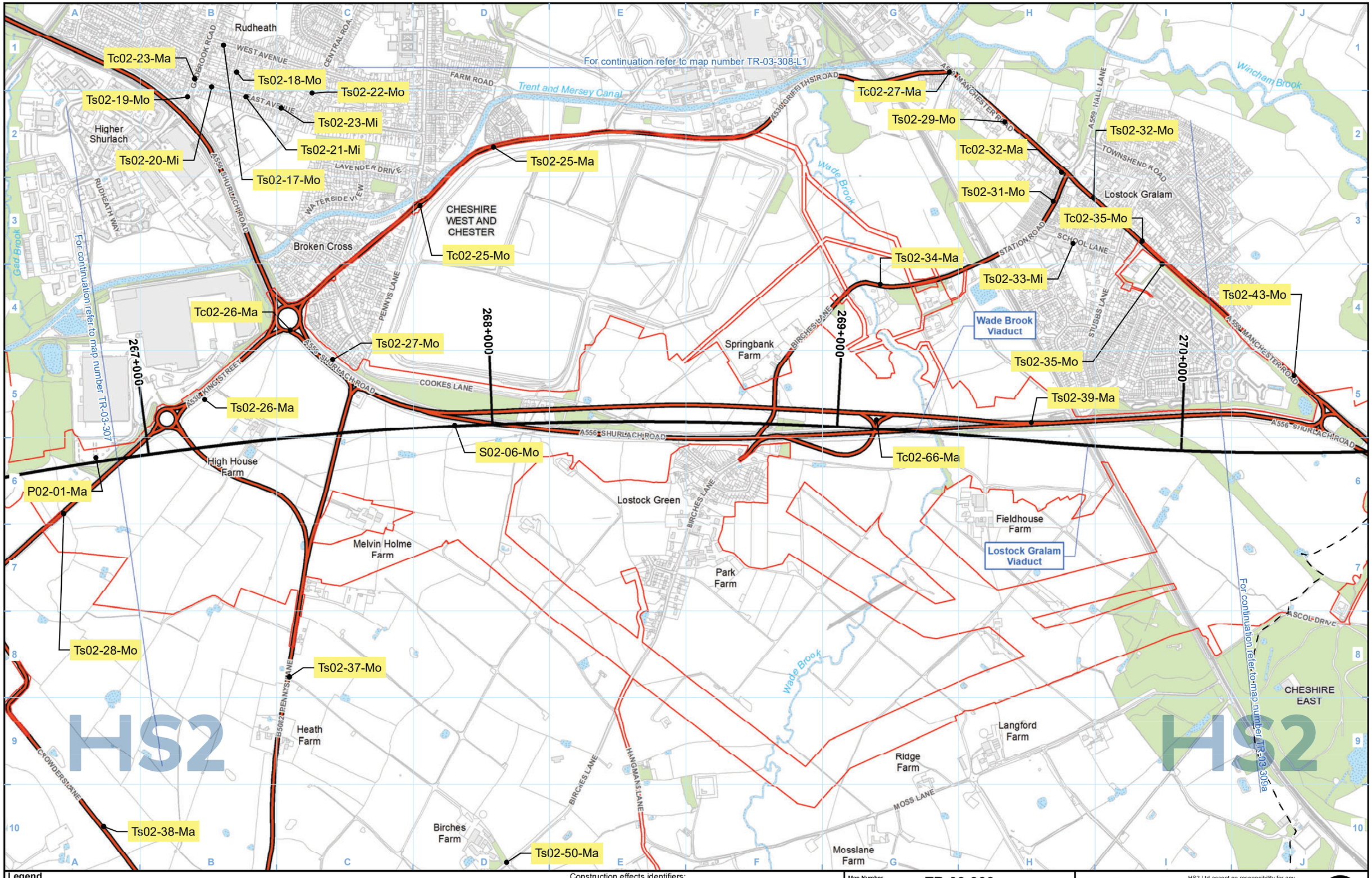

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-308

Map Name Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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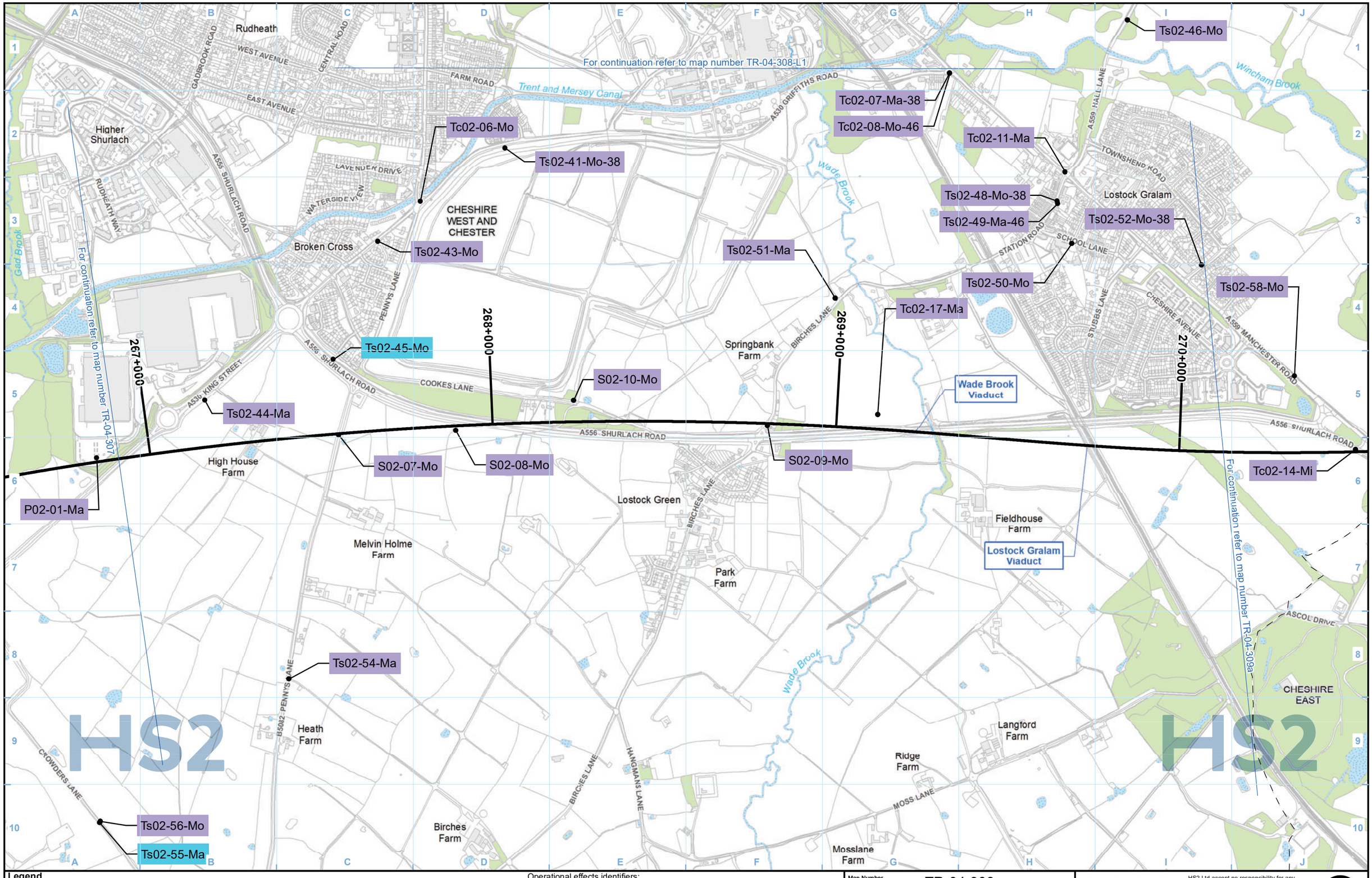

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- PT: Identifier - see across
- 01: CA Number
- 01: Feature Number
- Mi: Effect Level
- 38: Forecast Year

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-308

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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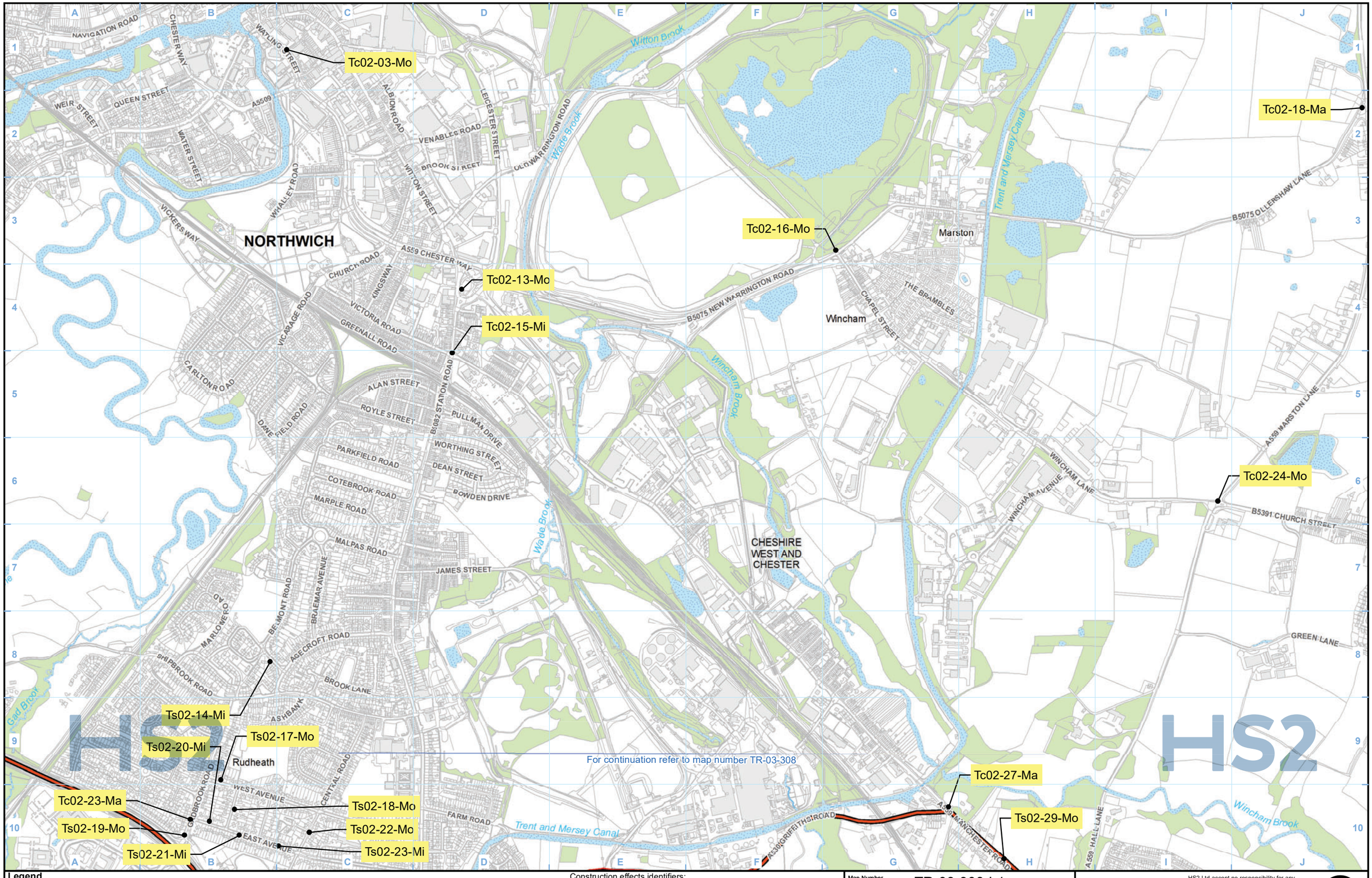

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-308-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02:
Wimboldsley to Lostock Gralam

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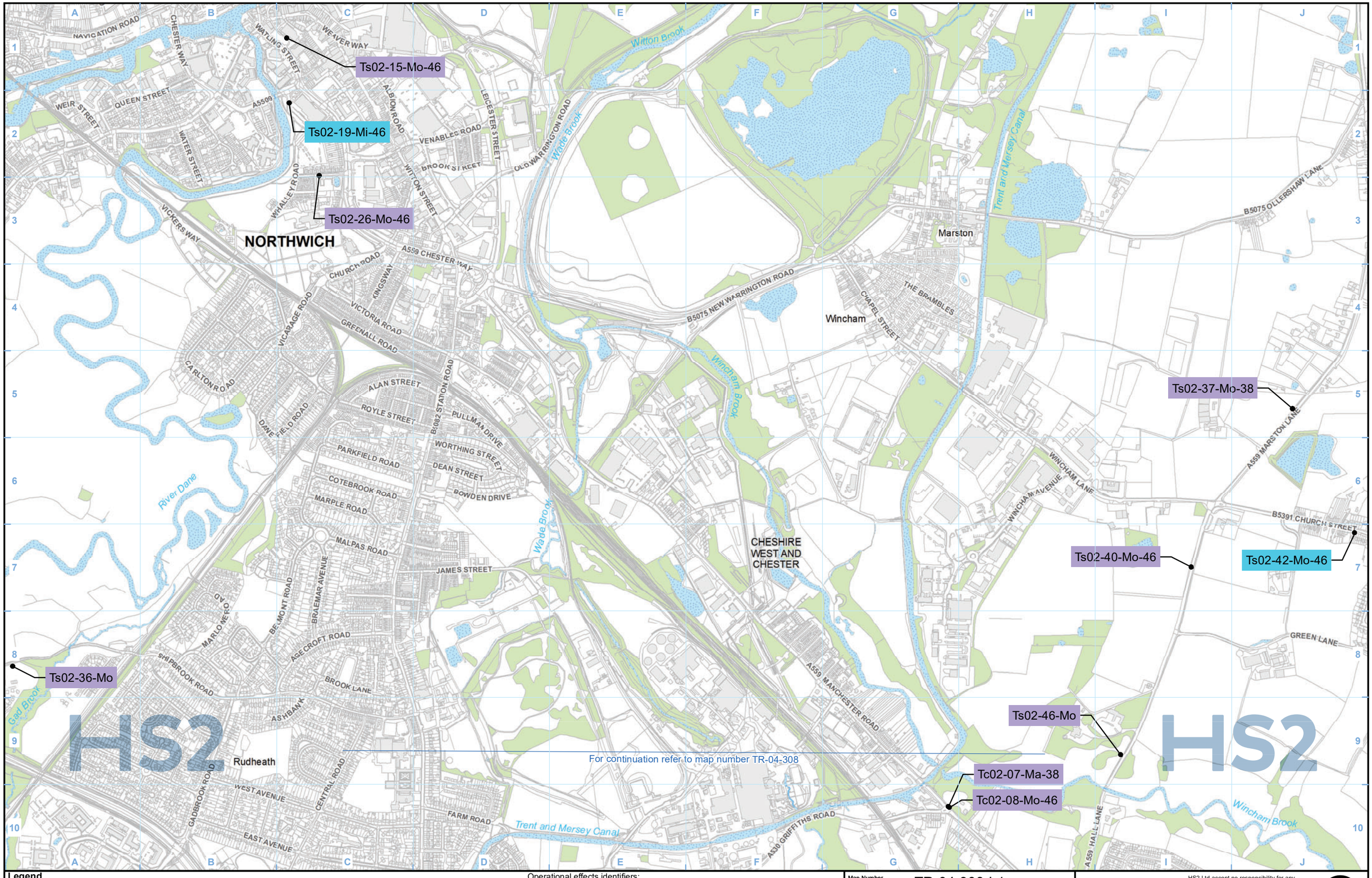

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-308-L1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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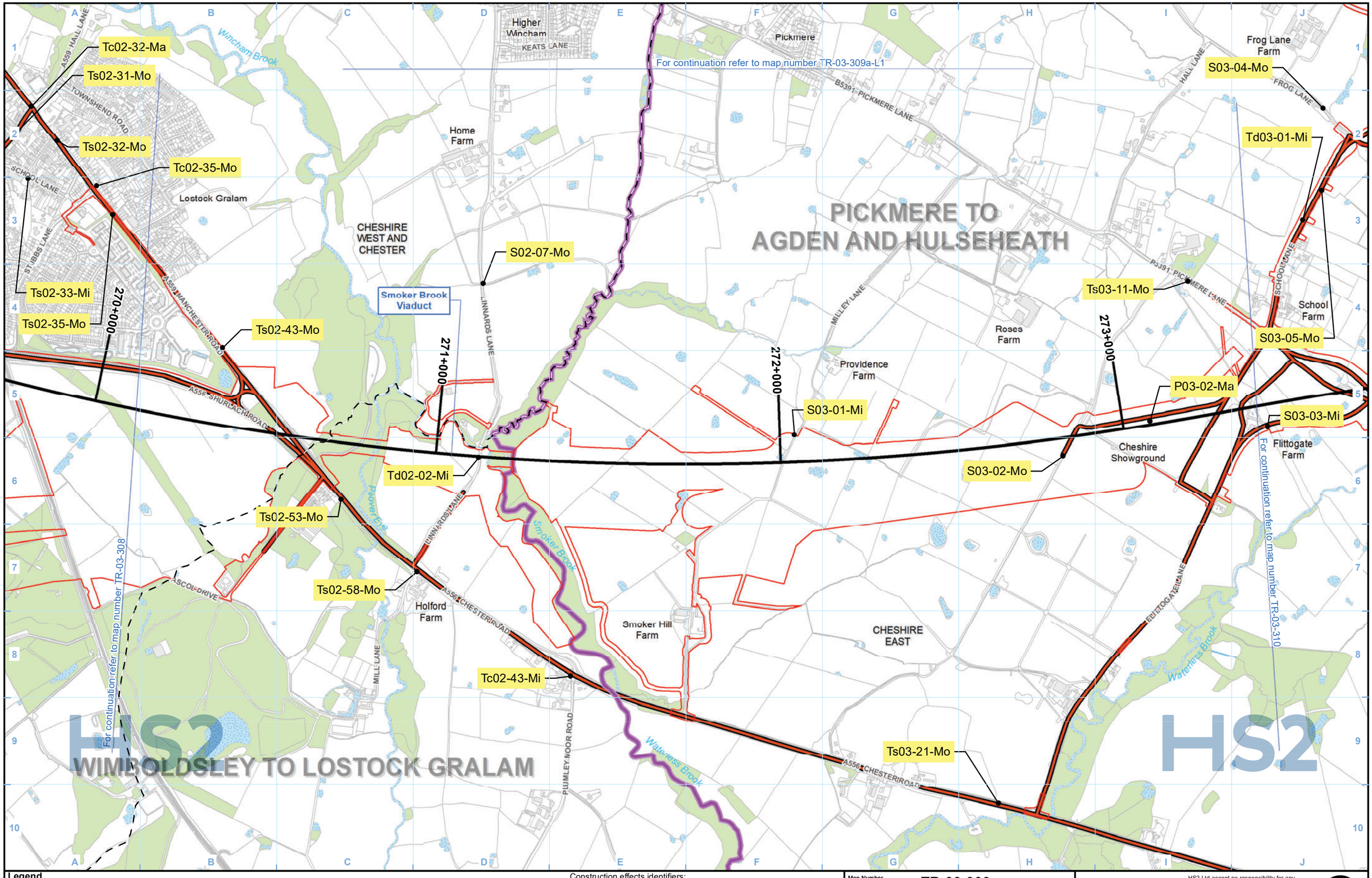

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-309a

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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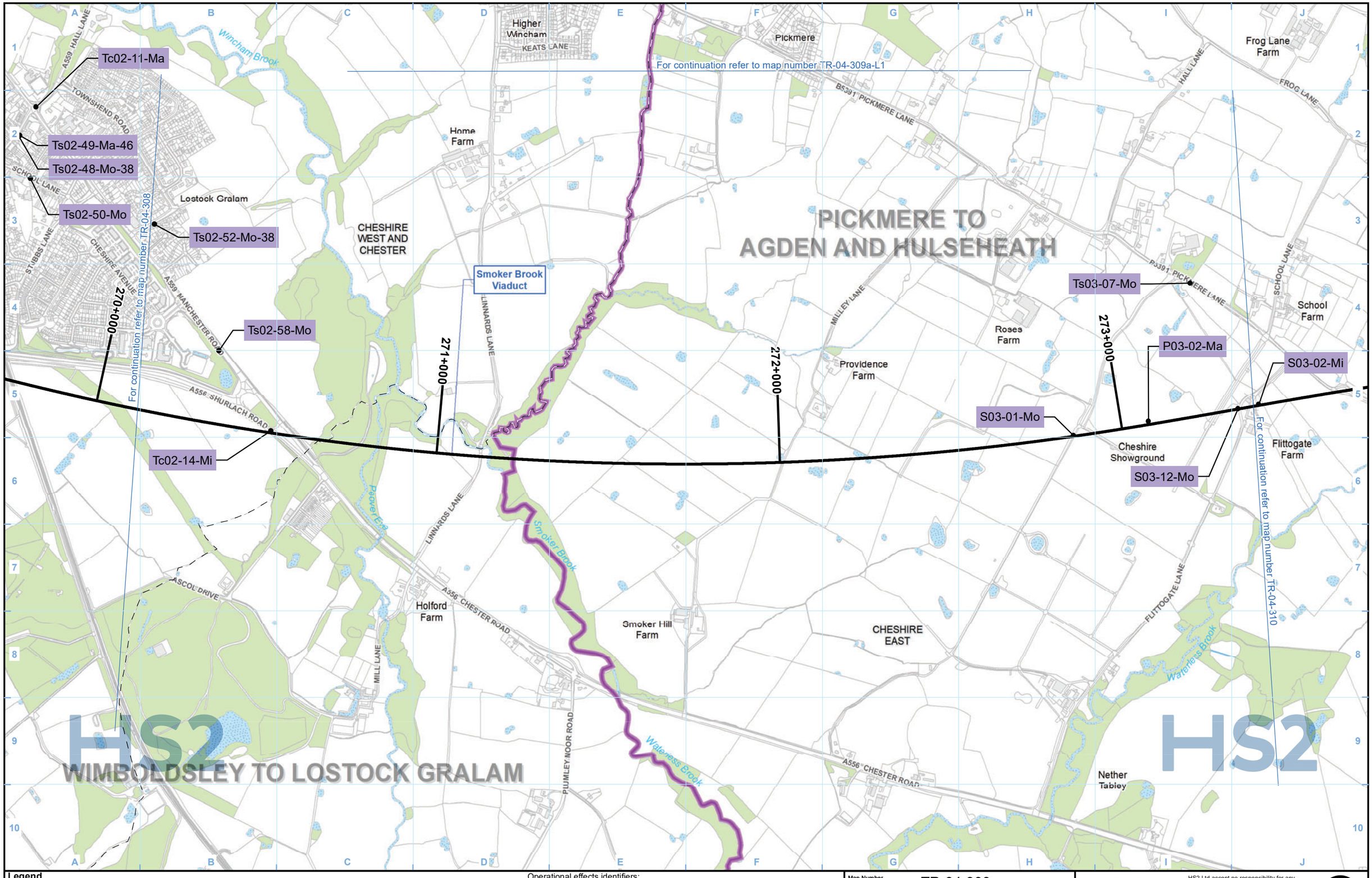
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-309a

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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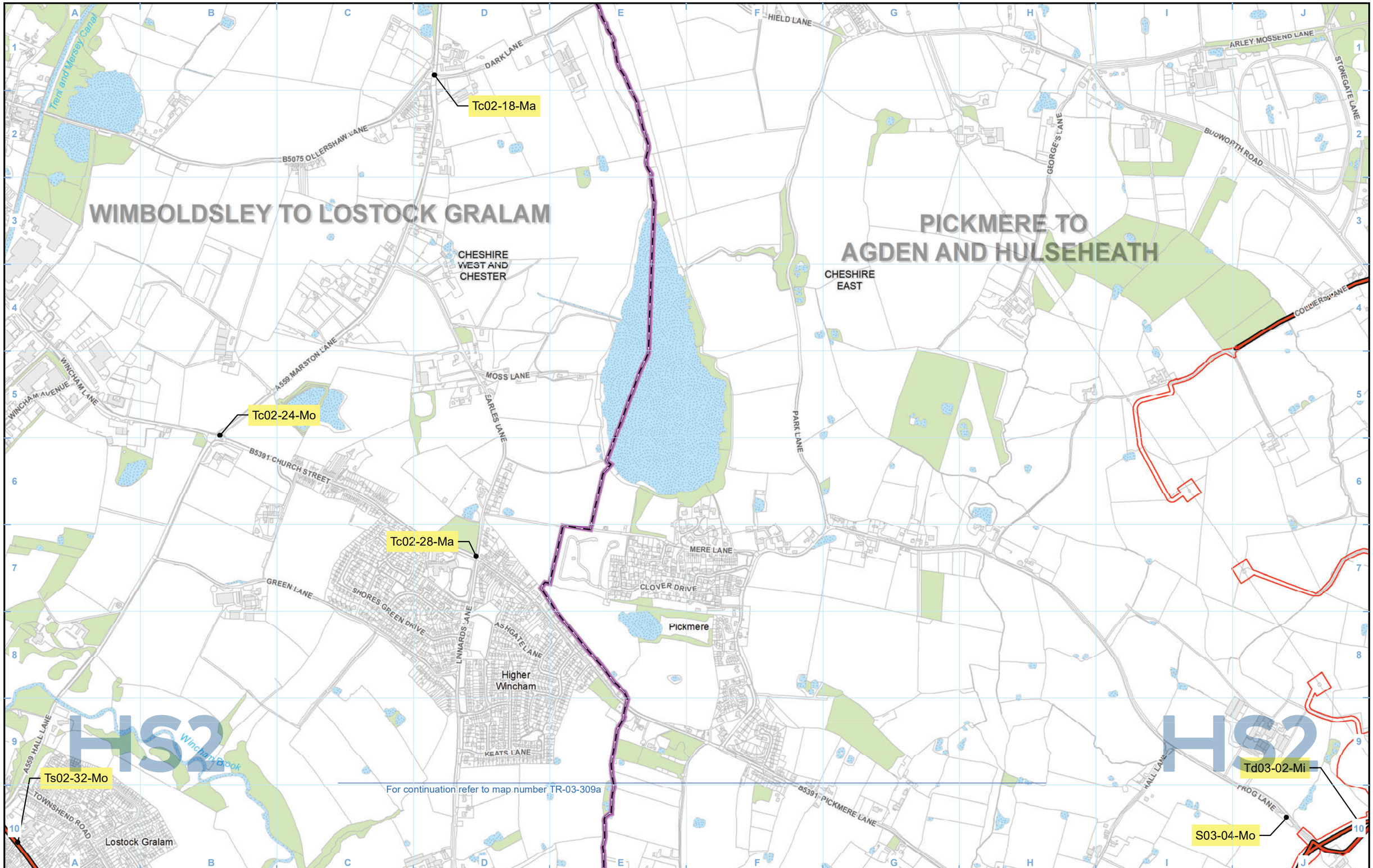

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-309a-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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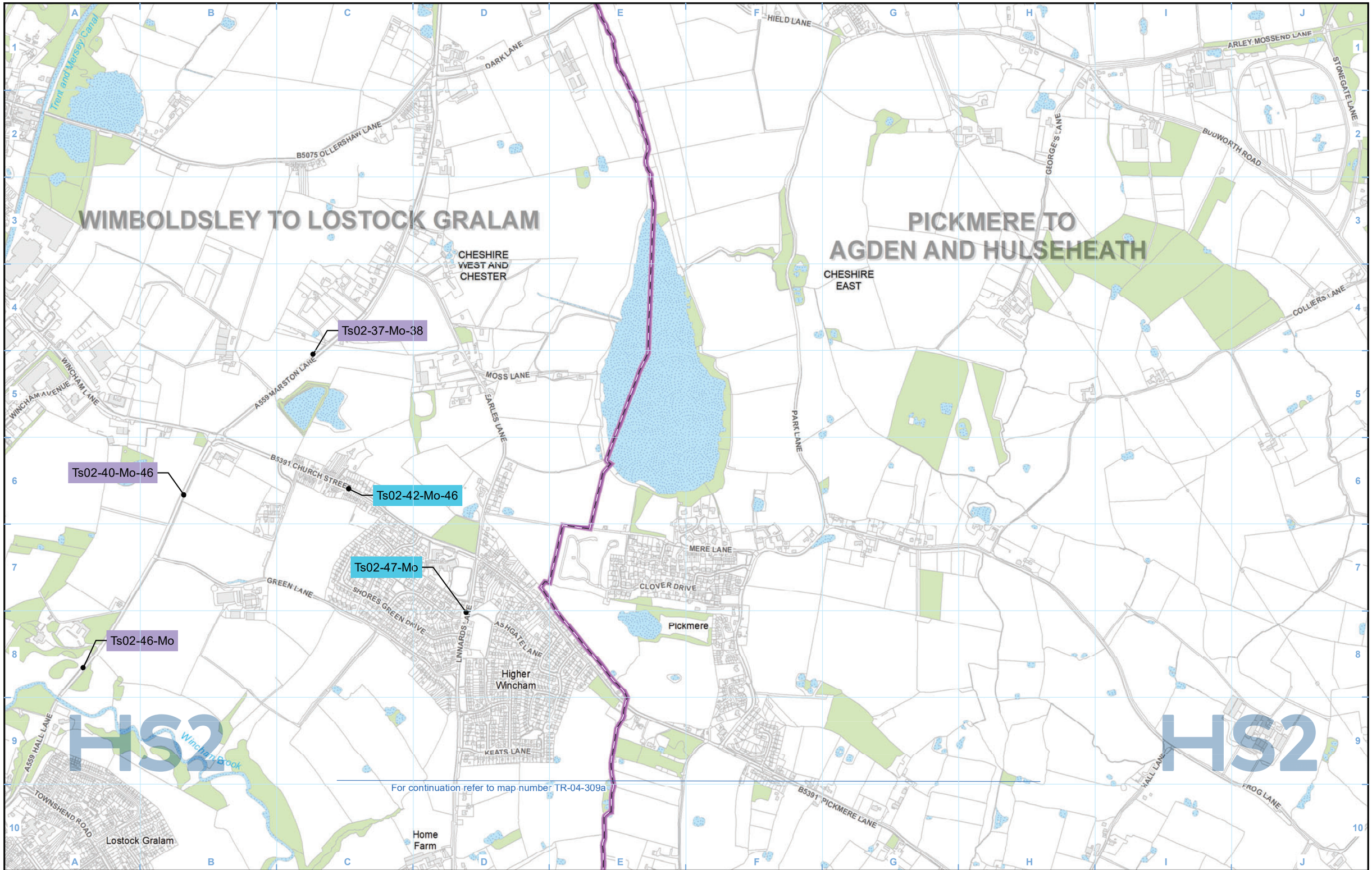

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-309a-L1

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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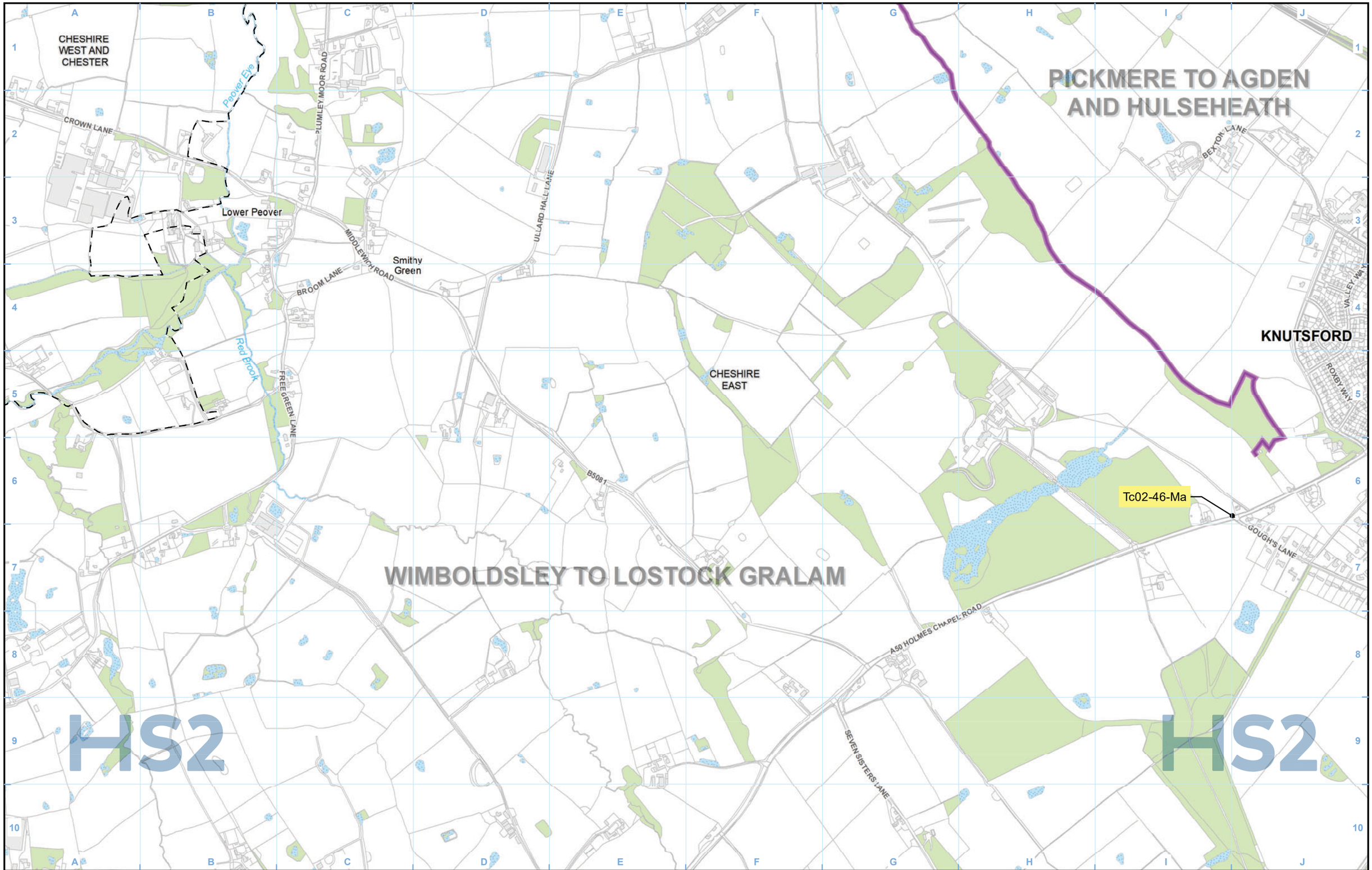

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-309a-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA02: Wimboldsley to Lostock Gralam

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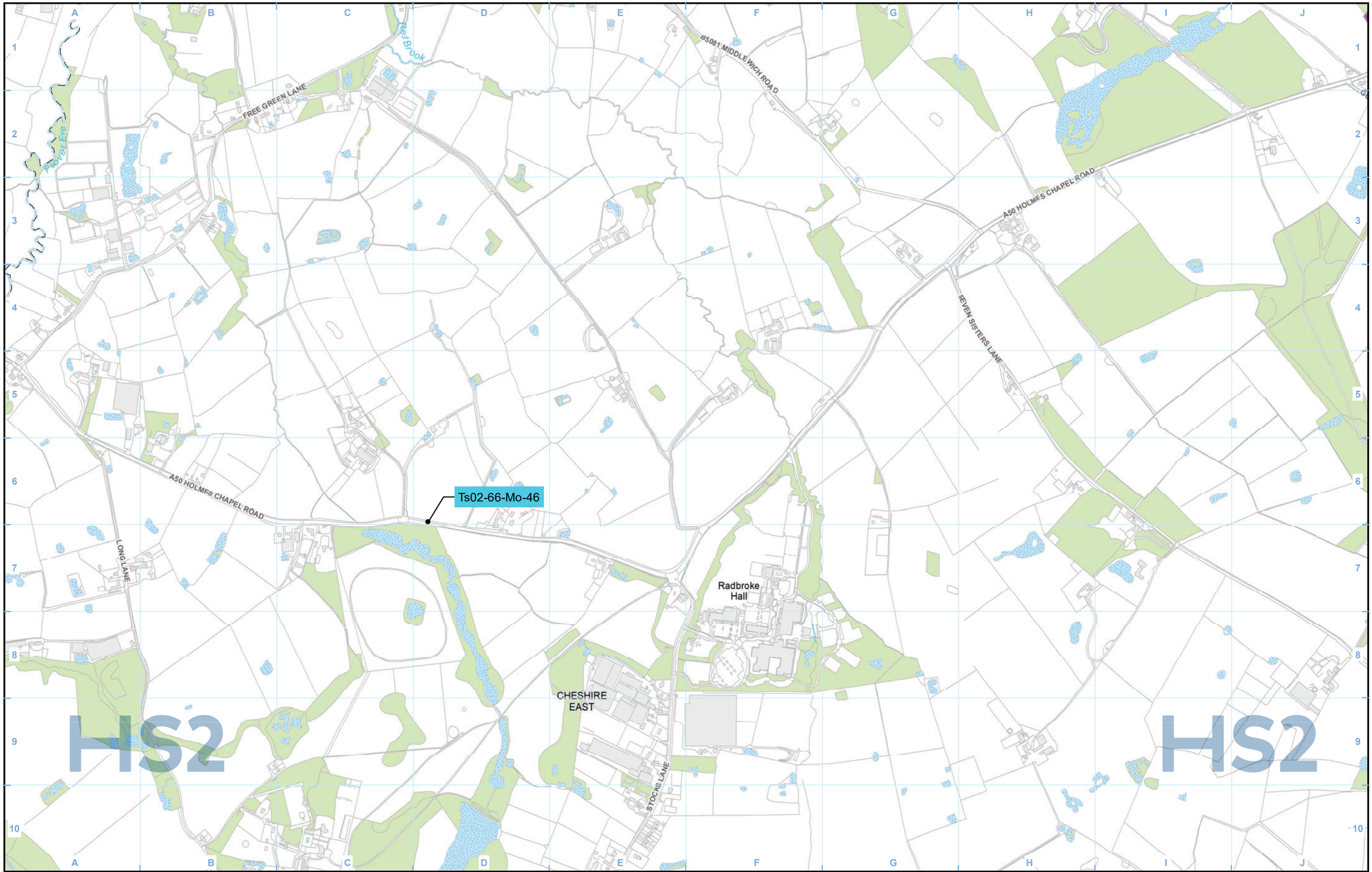

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-309a-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA02: Wimboldsley to Lostock Gralam

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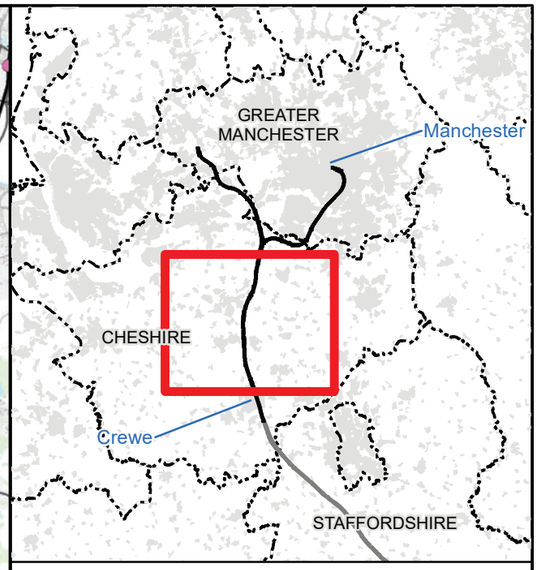

Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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: TR-08-INDEX-MA02

Map Name: Index Map of: Construction Routes to the Strategic Network

Community Area MA02: Wimboldsley to Lostock Gralam

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Date: 05/08/21

For Continuation Refer To TR-08-304

METRES @ 1:25000 — 0 200 500 1000 2500

ML 262+000

A533 Bostock Road

A54 Chester Road

A54 Middlewich Road Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 3 months
Duration of busy movements (months)	10
Peak daily vehicles - Cars & LGV	297-404
Peak daily vehicles - HGV	77-122

A533 Bostock Road Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years 6 months
Duration of busy movements (months)	14
Peak daily vehicles - Cars & LGV	202-284
Peak daily vehicles - HGV	425-516

Shropshire Union Canal North Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	4 years	
Duration of busy movements (months)	7	
Peak daily vehicles - Cars & LGV	321-434	
Peak daily vehicles - HGV	79-92	

MA02 Borrow Pit C	
Start date	2027 Q2
Duration of active use	1 year and 9 months
Duration of busy movements (months)	4
Peak daily vehicles - Cars & LGV	162-162
Peak daily vehicles - HGV	33-42

Shropshire Union Canal South Satellite Compound	
Start date	2027 Q2
Duration of active use	2 years and 3 months
Duration of busy movements (months)	7
Peak daily vehicles - Cars & LGV	244-340
Peak daily vehicles - HGV	60-76

ML 260+000

Clive Green Lane Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years and 6 months
Duration of busy movements (months)	19
Peak daily vehicles - Cars & LGV	167-214
Peak daily vehicles - HGV	49-70

Crewe North RSD Satellite Compound 2		
Start date	2025 Q3	Rail Systems and Civils
Duration of active use	9 years	
Duration of busy movements (months)	51	
Peak daily vehicles - Cars & LGV	465-632	
Peak daily vehicles - HGV	82-126	

MA02 Borrow Pit B	
Start date	2027 Q2
Duration of active use	1 year and 6 months
Duration of busy movements (months)	5
Peak daily vehicles - Cars & LGV	162-162
Peak daily vehicles - HGV	34-42

MA02 Wimboldsley to Lostock Gralam

MA01 Hough to Walley's Green

Crewe North RSD Satellite Compound 3	
Start date	2025 Q3
Duration of active use	8 years
Duration of busy movements (months)	15
Peak daily vehicles - Cars & LGV	236-354
Peak daily vehicles - HGV	642-732

A530 Nantwich Road

ML 258+000

Minshull Vernon Satellite Compound		
Start date	2027 Q4	Rail
Duration of active use	1 year and 6 months	
Duration of busy movements (months)	7	
Peak daily vehicles - Cars & LGV	122-122	
Peak daily vehicles - HGV	4-4	

MA02 Borrow Pit A	
Start date	2027 Q2
Duration of active use	2 years and 3 months
Duration of busy movements (months)	5
Peak daily vehicles - Cars & LGV	90-112
Peak daily vehicles - HGV	36-44

Crewe North RSD Satellite Compound 1	
Start date	2025 Q3
Duration of active use	8 years
Duration of busy movements (months)	3
Peak daily vehicles - Cars & LGV	238-334
Peak daily vehicles - HGV	519-554

A530 Nantwich load Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	5 years	
Duration of busy movements (months)	5	
Peak daily vehicles - Cars & .GV	200-270	
Peak daily vehicles - HG\	129-162	

For Continuation Refer To TR-08-302

HS2

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number: TR-08-303

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA02 Wimboldsley to Lostock Gralam

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For Continuation Refer To TR-08-305

A556 Chester Road

A533 Bostock Road

ML 266+000

ML 264+000

ML 262+000

Puddinglake Brook Viaduct Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years and 6 months
Duration of busy movements (months)	11
Peak daily vehicles - Cars & LGV	237-384
Peak daily vehicles - HGV	55-94

Rudheath Embankment Satellite Compound	
Start date	2028 Q3
Duration of active use	3 years and 3 months
Duration of busy movements (months)	4
Peak daily vehicles - Cars & LGV	198-210
Peak daily vehicles - HGV	443-476

Gad Brook Viaduct South Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of ative use	3 years and 9 months	
Duration of busy movements (months)	3	
Peak daily vehicle - Cars & LGV	288-408	
Peak daily vehicles - HGV	413-496	

River Dane Viaduct South SatelliteCompound	
Start date	2027 Q2
Duration of active use	3 years
Duration of busy movements (months)	9
Peak daily vehicles - Cars & LGV	209-284
Peak daily vehicles - HGV	72-94

River Dane Viaduct North Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years
Duration of busy movements (months)	9
Peak daily vehicles - Cars & LGV	191-248
Peak daily vehicles - HGV	54-76

MA02 Borrow Pit D	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	36
Peak daily vehicles - Cars & LGV	130-148
Peak daily vehicles - HGV	398-488

For Continuation Refer To TR-08-303

For Continuation Refer To TR-08-304-R1

A530 King Street

B5081

Byley Lane

Roman Road

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number: TR-08-304

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA02 Wimboldsley to Lostock Gralam

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For Continuation Refer To TR-08-304

M6 Junction 18

A54 Holmes Chapel Road

HS2

HS2

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number
TR-08-304-R1

Map Name
Construction Routes to the Strategic Road Network

Community Area
MA02 Wimboldsley to Lostock Gralam

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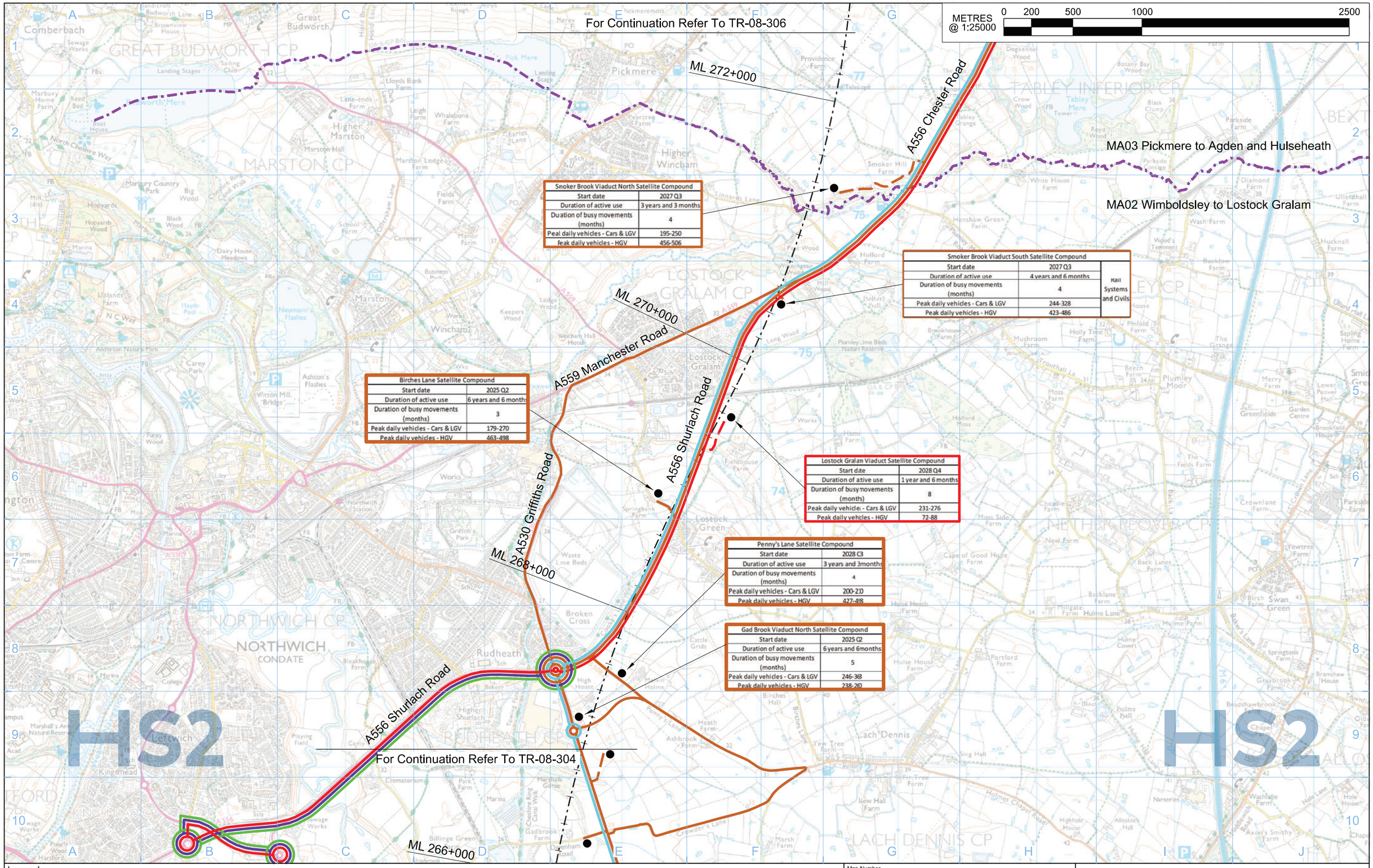

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number
TR-08-305

Map Name
Construction Routes to the Strategic Road Network

Community Area
MA02 Wimboldsley to Lostock Gralam

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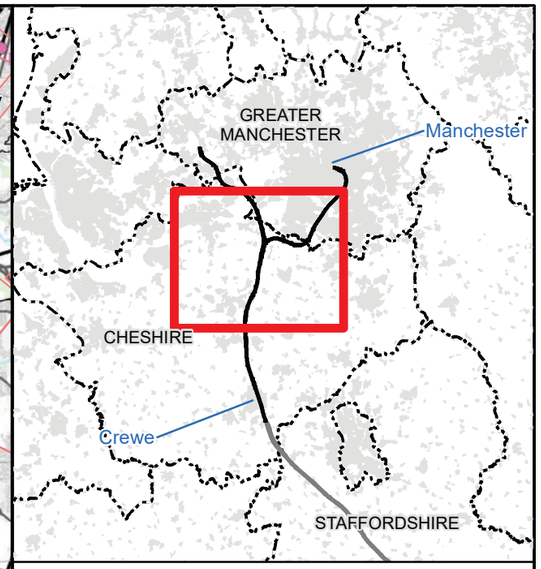
High Speed Rail
(Crewe – Manchester)
Environmental Statement

MA03: Pickmere to Agden and Hulseheath

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation

TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-03-INDEX-MA03

Map Name:
Index Map of:
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03:
Pickmere to Agden and Hulseheath

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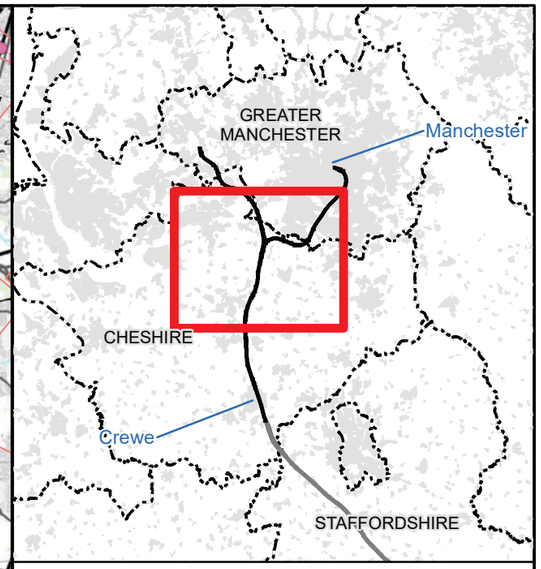
Doc Number: 2DE01-MWJ-EV-MAP-M000-002180-P01

Date: 07/09/21



Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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	TR-04-INDEX-MA03
Map Name	Index Map of: Significant Residual Transport Effects Arising from Operation
	Community Area MA03: Pickmere to Agden and Hulseheath

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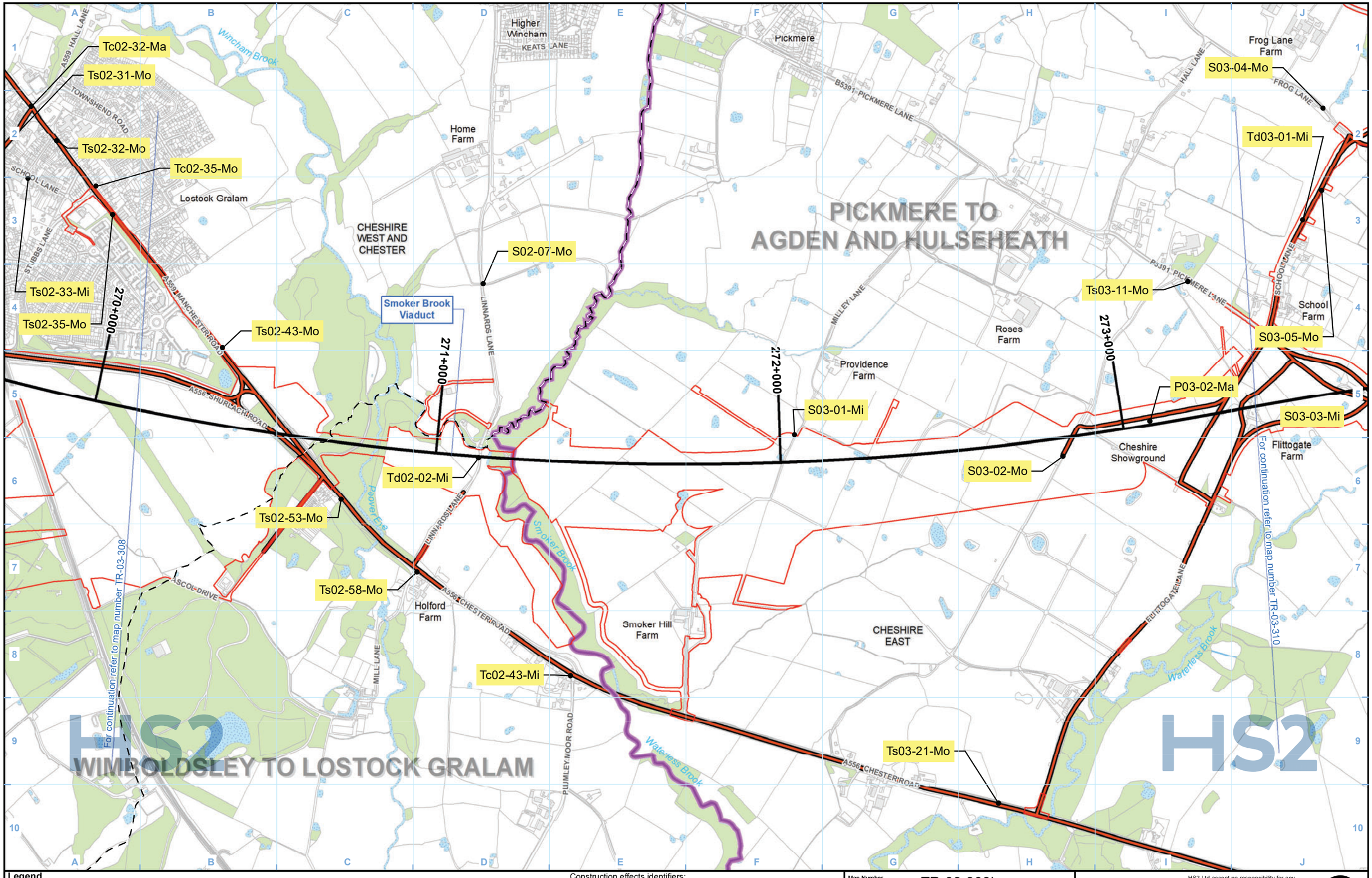
Date: 07/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-309b

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03: Pickmere to Agden and Hulseheath

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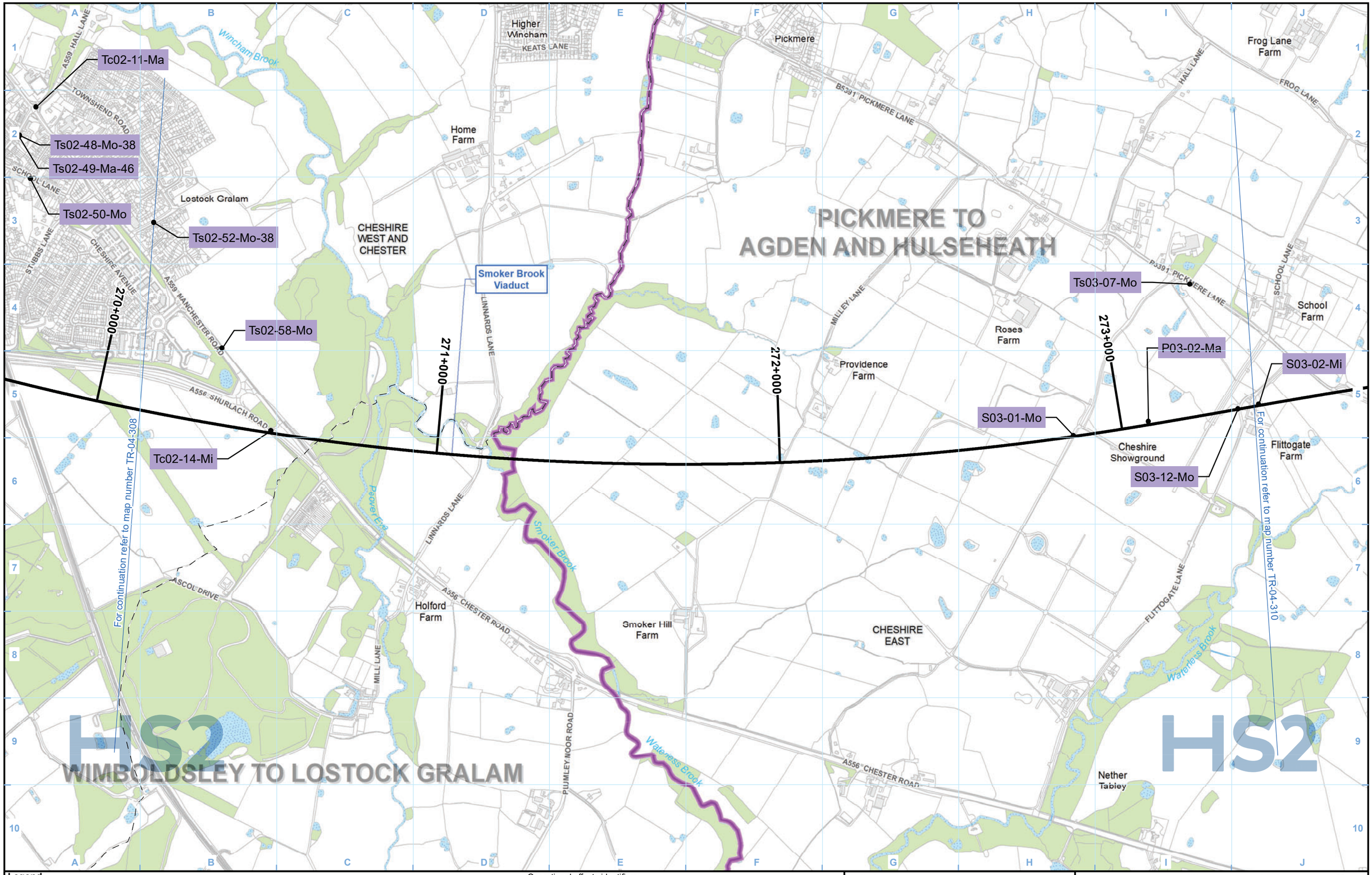
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- PT01-01-Mi-38: Identifier - see across
- CA Number
- Feature Number
- Effect Level
- Forecast Year

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-309b

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA03: Pickmere to Agden and Hulseheath

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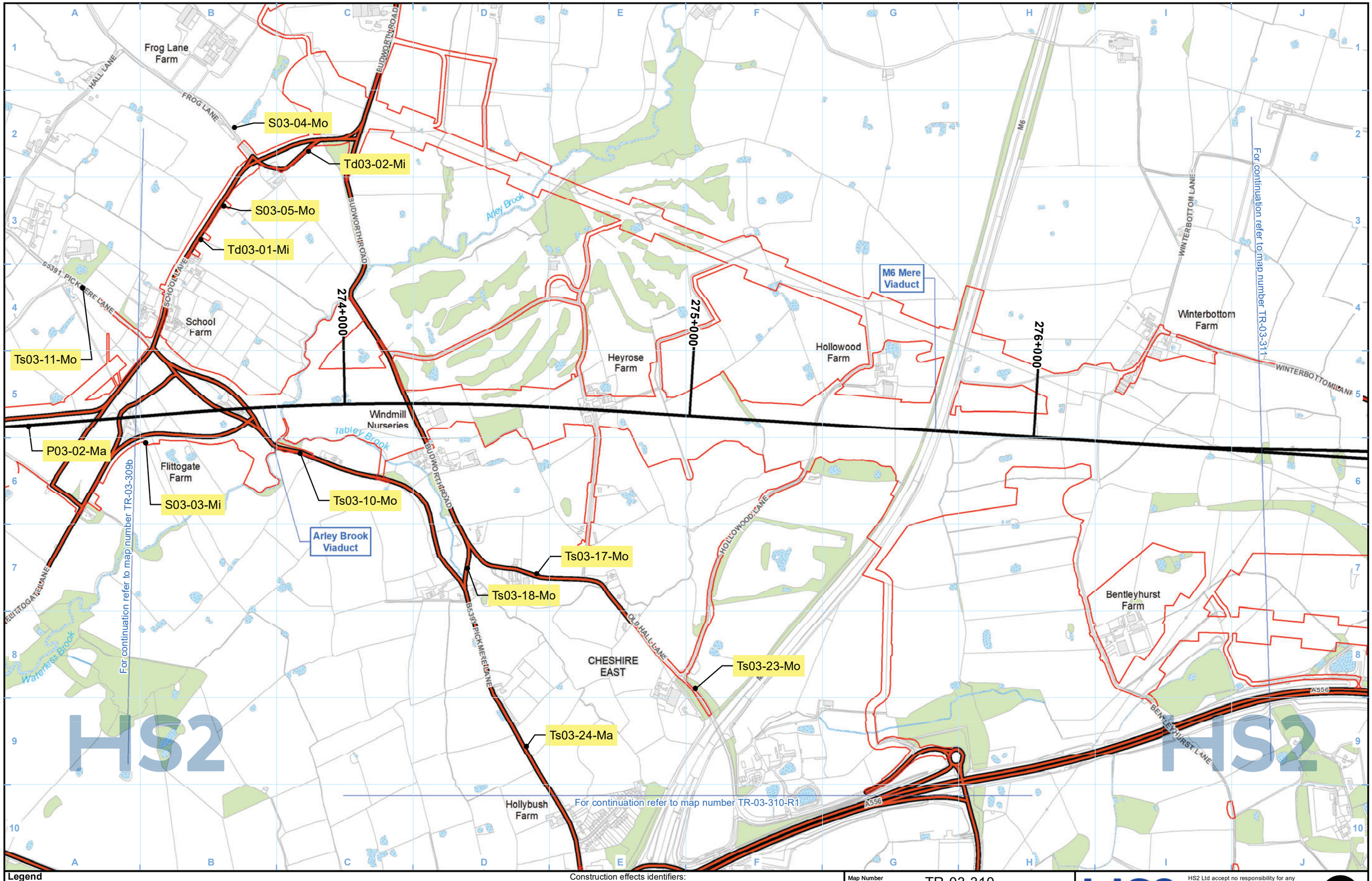

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-310

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03: Pickmere to Agden and Hulseheath

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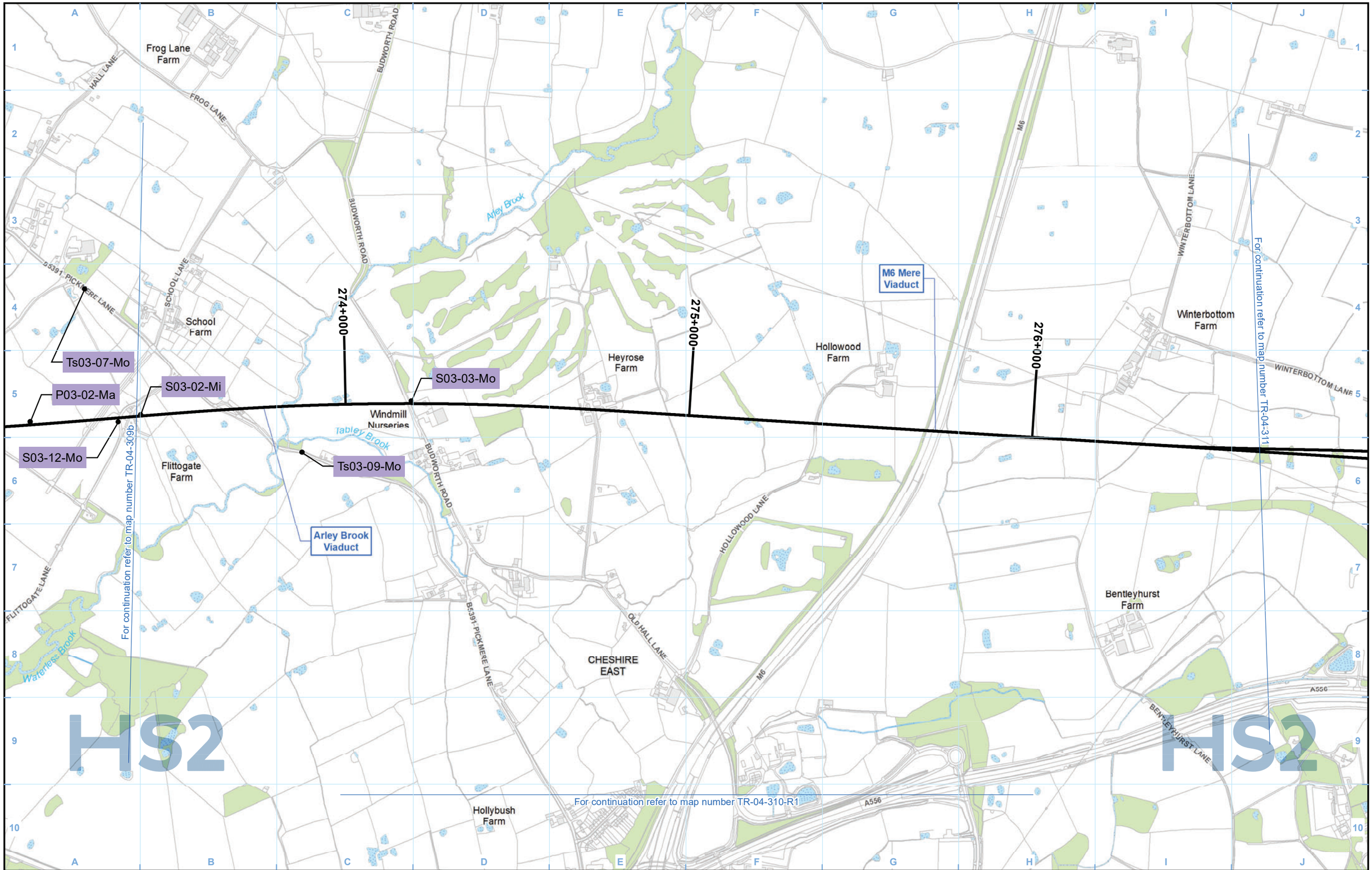

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-310

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA03:
Pickmere to Agden and Hulseheath

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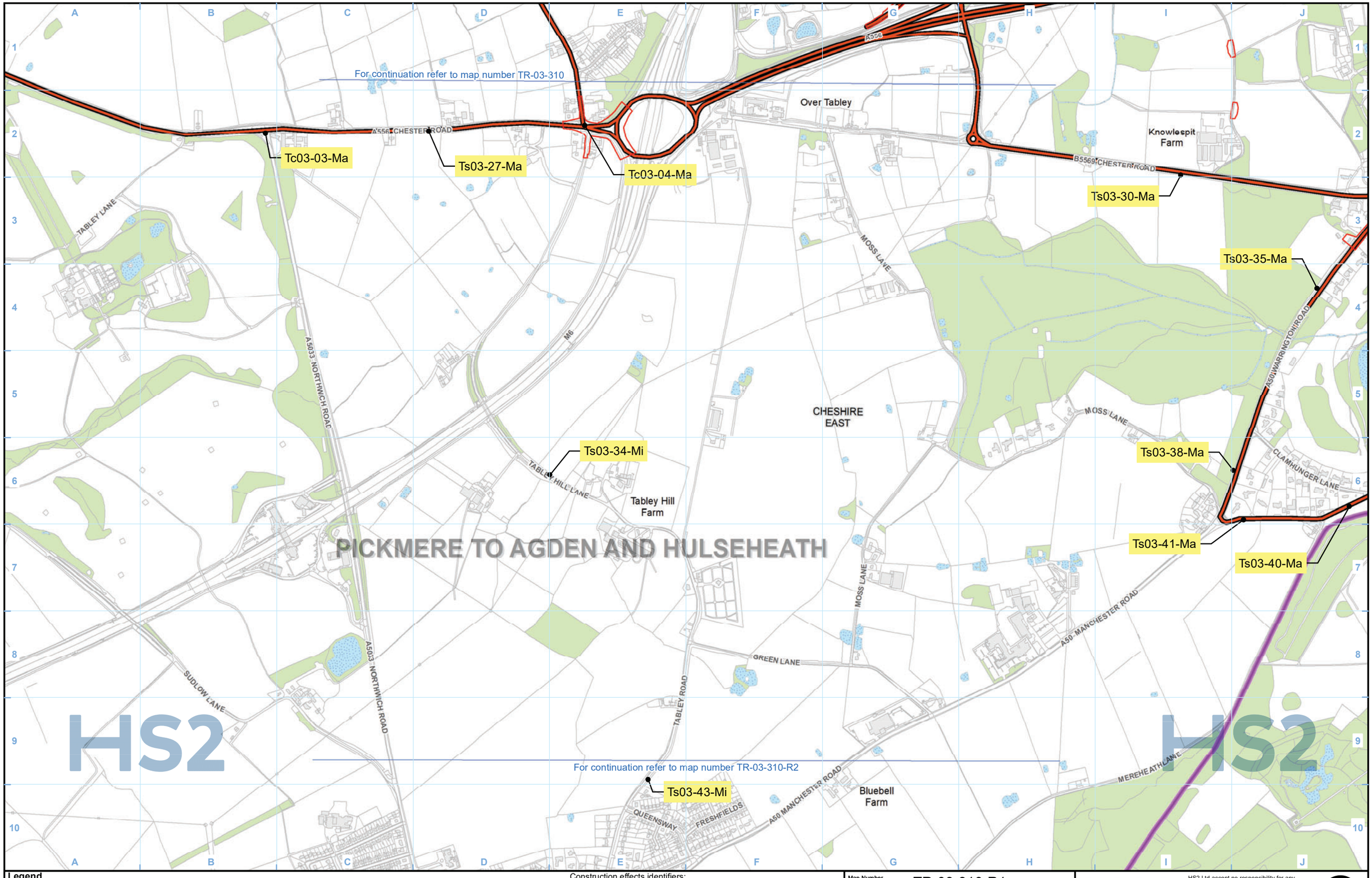

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-310-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03: Pickmere to Agden and Hulseheath

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-310-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA03: Pickmere to Agden and Hulseheath

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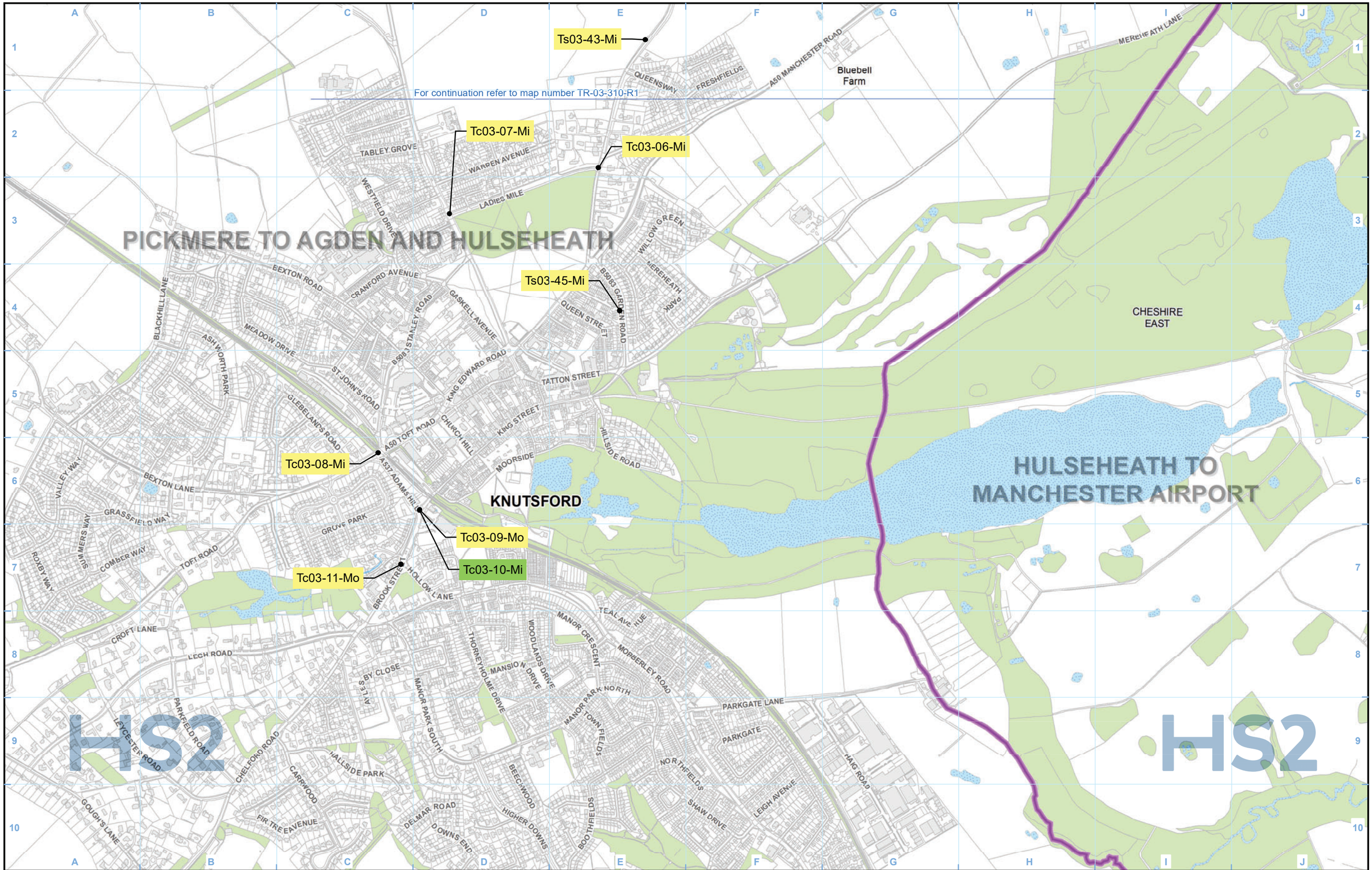

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-310-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03:
Pickmere to Agden and Hulseheath

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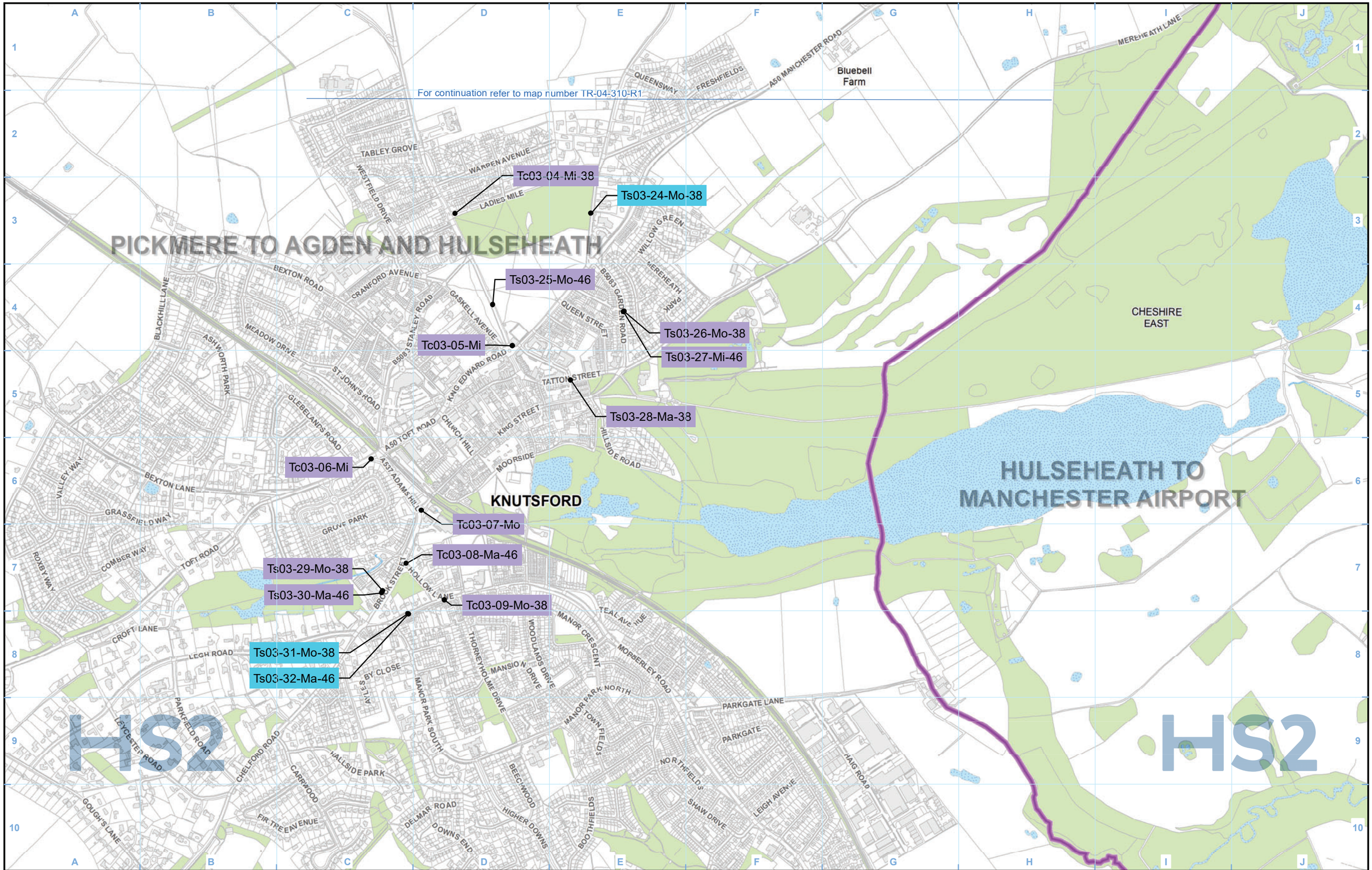

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-310-R2

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA03: Pickmere to Agden and Hulseheath

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PICKMERE TO AGDEN AND HULSEHEATH

MERE HEYES LANE
Rowleybank Farm
DITCHFIELD LANE
LITTLE ROWLEY LANE
WINTERBOTTOM LANE
CHESHIRE EAST
Park Farm
High Legh
CANDELA N WAY
WRENSHOT LANE
Broad Oak Farm
BROADOAK LANE
A50 WARRINGTON ROAD
WREISHOT LANE
Moss Farm
Woodside Farm
Winterbottom Farm
Hoo Green Box Structure
A50 Overbridge
HOO GREEN LANE
WINTERBOTTOM LANE
Daisybank Farm
Yew Tree Farm
Wrenshot House
HS2 WCML Connection
PEACOCK LANE
Little Moss Farm
Peacock Lane Viaduct
BACK LANE
Bowden View Farm
BOWDEN VIEW LANE
HS2 Manchester Spur
Gorse Cottage Farm
Moss House Farm
Hoo Green
BUCKLOW HILL LANE
Bentleyhurst Farm
BENTLEYHURST LANE
A556
Hulme Barns Farm
HULSE HEATH LANE
Millington Clough Underbridge

276+000
277+000
278+000
279+000

Ts03-12-Mo
Ts03-14-Ma
Ts03-15-Mo
Ts03-16-Mo
Ts03-20-Mo
P03-01-Ma
Td03-03-Mo
S03-06-Mo
Ts03-22-Ma
S03-07-Mo
S03-08-Mo
Ts03-26-Ma
Ts03-28-Mo
S06-01-Mi
Ts03-29-Ma

For continuation refer to map number TR-03-310
For continuation refer to map number TR-03-312a
For continuation refer to map number TR-03-311-R1

HS2
HULSEHEATH TO MANCHESTER AIRPORT

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
Tc - Traffic flows and delays to vehicle occupants
Td - Traffic diversion
Ts - Traffic severance - non-motorised users
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number: TR-03-311

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03: Pickmere to Agden and Hulseheath

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002155-P01

Date: 08/09/21

PICKMERE TO AGDEN AND HULSEHEATH

MERE HEYES LANE
Rowleybank Farm
DITCHFIELD LANE
LITTLE ROWLEY LANE
WINTERBOTTOM LANE
Winterbottom Farm
CHESHIRE EAST
Park Farm
High Legh
CANDELA N WAY
WRENSHOT LANE
Ts03-08-Mo-46
A59 - WARRINGTON ROAD
BROADOAK LANE
Broad Oak Farm
WREISHOT LANE
Woodside Farm
Moss Farm
PEACOCK LANE
Little Moss Farm
For continuation refer to map number TR-04-312a
Hoo Green Box Structure
HOO GREEN LANE
A50 Overbridge
276+000
277+000
278+000
279+000
WINTERBOTTOM LANE
Daisybank Farm
Yew Tree Farm
Wrenshot House
HS2 WCML Connection
P03-01-Ma
S03-04-Mo
Ts03-10-Mo
Bowden View Farm
S03-05-Mo
BOWDEN VIEW LANE
BACK LANE
HS2 Manchester Spur
Gorse Cottage Farm
Moss House Farm
Peacock Lane Viaduct
For continuation refer to map number TR-04-310
Bentleyhurst Farm
Hoo Green
BUCKLOW HILL LANE
A556
BENTLEYHURST LANE
Hulme Barns Farm
HULSE HEATH LANE
Millington Clough Underbridge
For continuation refer to map number TR-04-311-R1
Ts03-12-Mo

HS2 HULSEHEATH TO MANCHESTER AIRPORT

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-311

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA03: Pickmere to Agden and Hulseheath

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Date: 08/09/21

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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-311-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03:
Pickmere to Agden and Hulseheath

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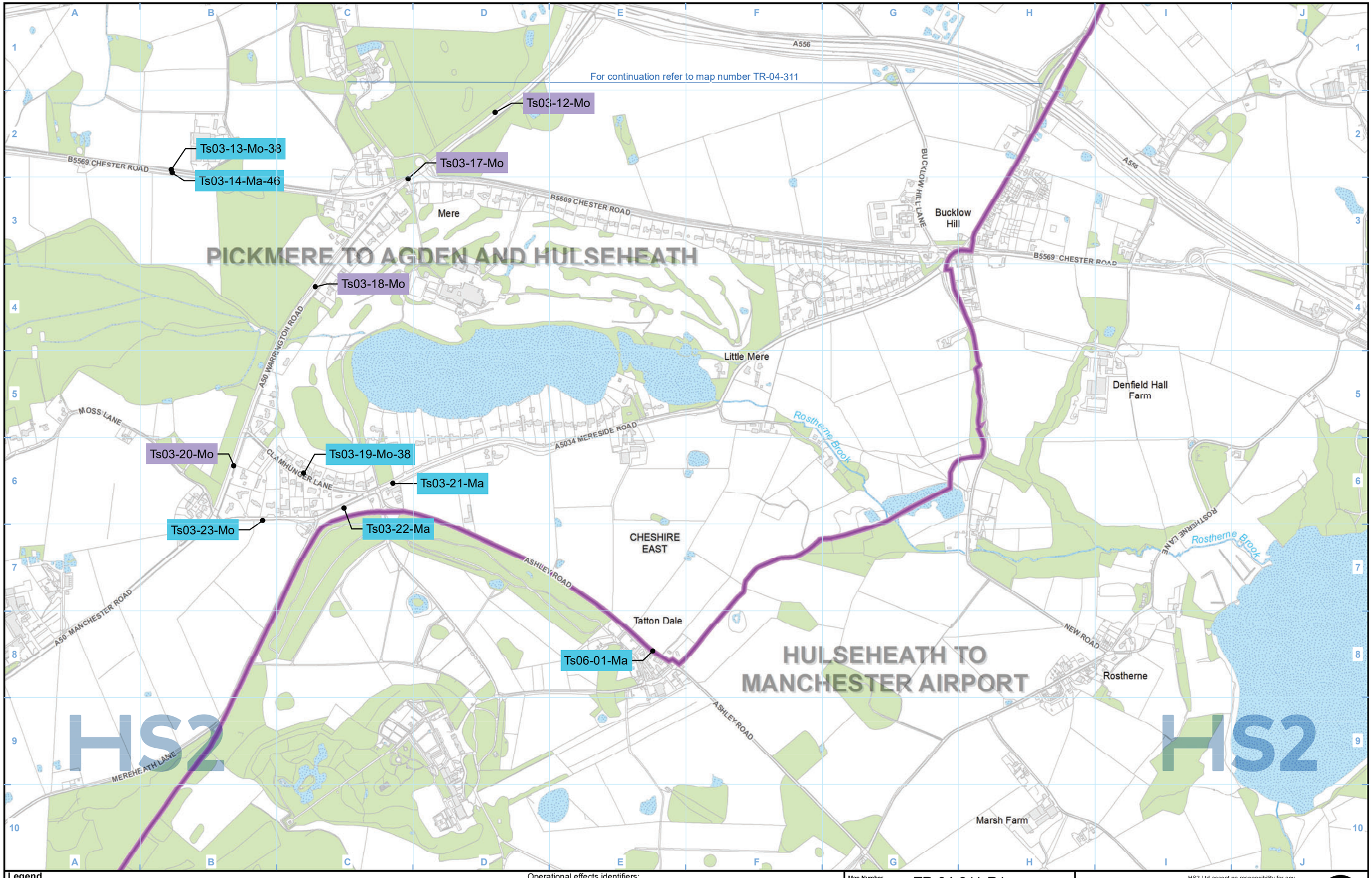

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-311-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA03:
Pickmere to Agden and Hulseheath

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002650-P01

Date: 08/09/21

PICKMERE TO AGDEN AND HULSEHEATH

BROOMEDGE TO GLAZEBROOK

HULSEHEATH TO MANCHESTER AIRPORT

Ts03-13-Mo
Abbey Leys Farm
For continuation refer to map number TR-03-312a-L1
Ts04-12-Mi
Tc04-05-Ma
Broomedge
B5159 BURFORD LANE
STAGE LANE
Bridgewater Canal
For continuation refer to map number TR-03-313
BRADSHAW LANE
Spring Farm
Ts04-15-Ma
Ts03-15-Mo
BROAD OAK LANE
Broad Oak Farm
WRENSHOT LANE
For continuation refer to map number TR-03-311
Woodside Farm
Moss Farm
Manchester to Liverpool Junction Overbridge
M56
AGDEN PARK LANE
CHESHIRE EAST
A56 LYMM ROAD
Bridgewater Canal Viaduct
WARRINGTON BOROUGH
WARRINGTON LANE
SPRING LANE
279+000
280+000
281+000
282+000
283+000
FROGHALL LANE
Ts03-19-Mo
Ts03-20-Mo
PEACOCK LANE
Moss Lane
AGDEN LANE
Little Moss Farm
Scandia House
Agden Hall
A56 Lymm Road Viaduct
Agden Lane Farm
S04-12-Mo
S04-13-Mi
Td03-03-Mo
S03-07-Mo
S03-11-Mo
Peacock Lane Overbridge
BACK LANE
Middle Moss Farm
Gorse Cottage Farm
Moss House Farm
S03-08-Mo
S03-09-Mo
S03-10-Mo
Ts03-25-Ma
A56 LYMM ROAD
Agden Bridge Farm
Agden Brook Farm
Ivy House Farm
280+000
M56
BOOTHBANK LANE
Agden Brook
Bridgewater Canal
Woolstencroft Farm
S06-01-Mi
S06-15-Mo
Booth Bank Farm
HS2 Manchester Spur
Agden Brook Viaduct
For continuation refer to map number TR-03-319
For continuation refer to map number TR-03-312a-R1
S06-11-Mi
Millington Lane Overbridge
Ts03-31-Ma
REDDY LANE
River Bollin

HS2

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
Tc - Traffic flows and delays to vehicle occupants
Td - Traffic diversion
Ts - Traffic severance - non-motorised users
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number TR-03-312a

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03:
Pickmere to Agden and Hulseheath

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Date: 08/09/21

PICKMERE TO AGDEN AND HULSEHEATH

BROOMEDGE TO GLAZEBROOK

HULSEHEATH TO MANCHESTER AIRPORT

For continuation refer to map number TR-04-312a-L1

For continuation refer to map number TR-04-311

For continuation refer to map number TR-04-313

For continuation refer to map number TR-04-319

Ts04-05-Mo-38

Ts04-06-Mo

Ts04-07-Mo

Ts03-11-Mo-38

Ts03-15-Mo-38

Ts03-16-Ma-46

S03-11-Mi

S03-08-Mo

S03-10-Mi

S03-09-Mo

S04-01-Mo

S06-01-Mi

S06-02-Mi

S06-03-Mi

S06-04-Mi

Manchester to Liverpool Junction Overbridge

Peacock Lane Overbridge

A56 Lymm Road Viaduct

Bridgewater Canal Viaduct

HS2 Manchester Spur

Agden Brook Viaduct

Millington Lane Overbridge

279+000

280+000

281+000

282+000

283+000

Abbey Leys Farm

Broomedge

Broad Oak Farm

Woodside Farm

Moss Farm

Little Moss Farm

Scandia House

Agden Hall

Agden Lane Farm

Agden Bridge Farm

Agden Brook Farm

Middle Moss Farm

Gorse Cottage Farm

Moss House Farm

Ivy House Farm

Booth Bank Farm

Woolstencroft Farm

Spring Farm

CHESHIRE EAST

WARRINGTON BOROUGH

M56

A56 LYMM ROAD

AGDEN PARK LANE

B5159 BURFORD LANE

BROAD OAK LANE

WRENSHOT LANE

FROGHALL LANE

PEACOCK LANE

MOSS LANE

AGDEN LANE

BACK LANE

BOOTHBANK LANE

REDDY LANE

WARRINGTON LANE

SPRING LANE

STAGE LANE

BRADSHAW LANE

Bridgewater Canal

Agden Brook

River Bollin

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-312a

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA03: Pickmere to Agden and Hulseheath

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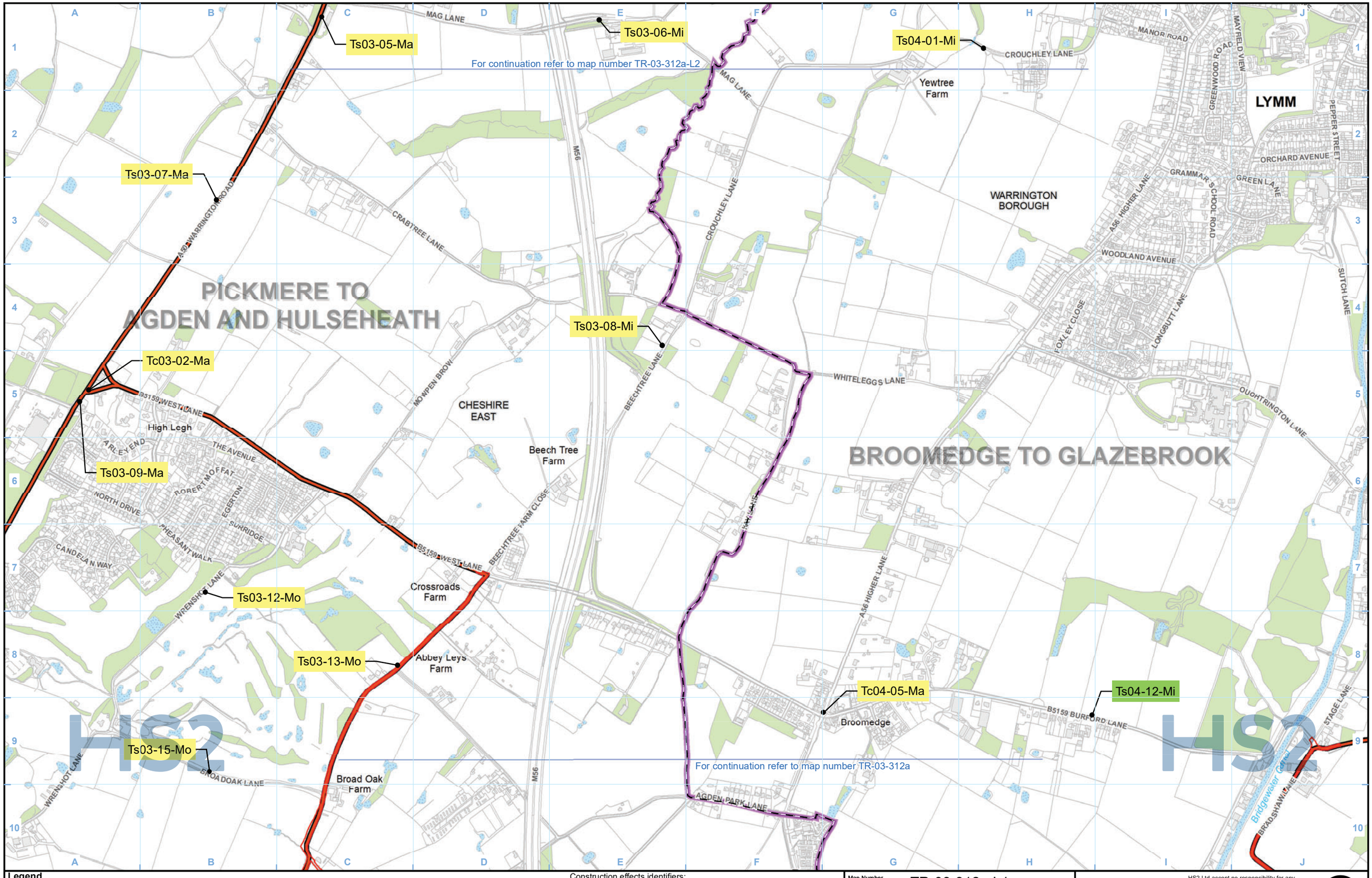

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-312a-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03: Pickmere to Agden and Hulseheath

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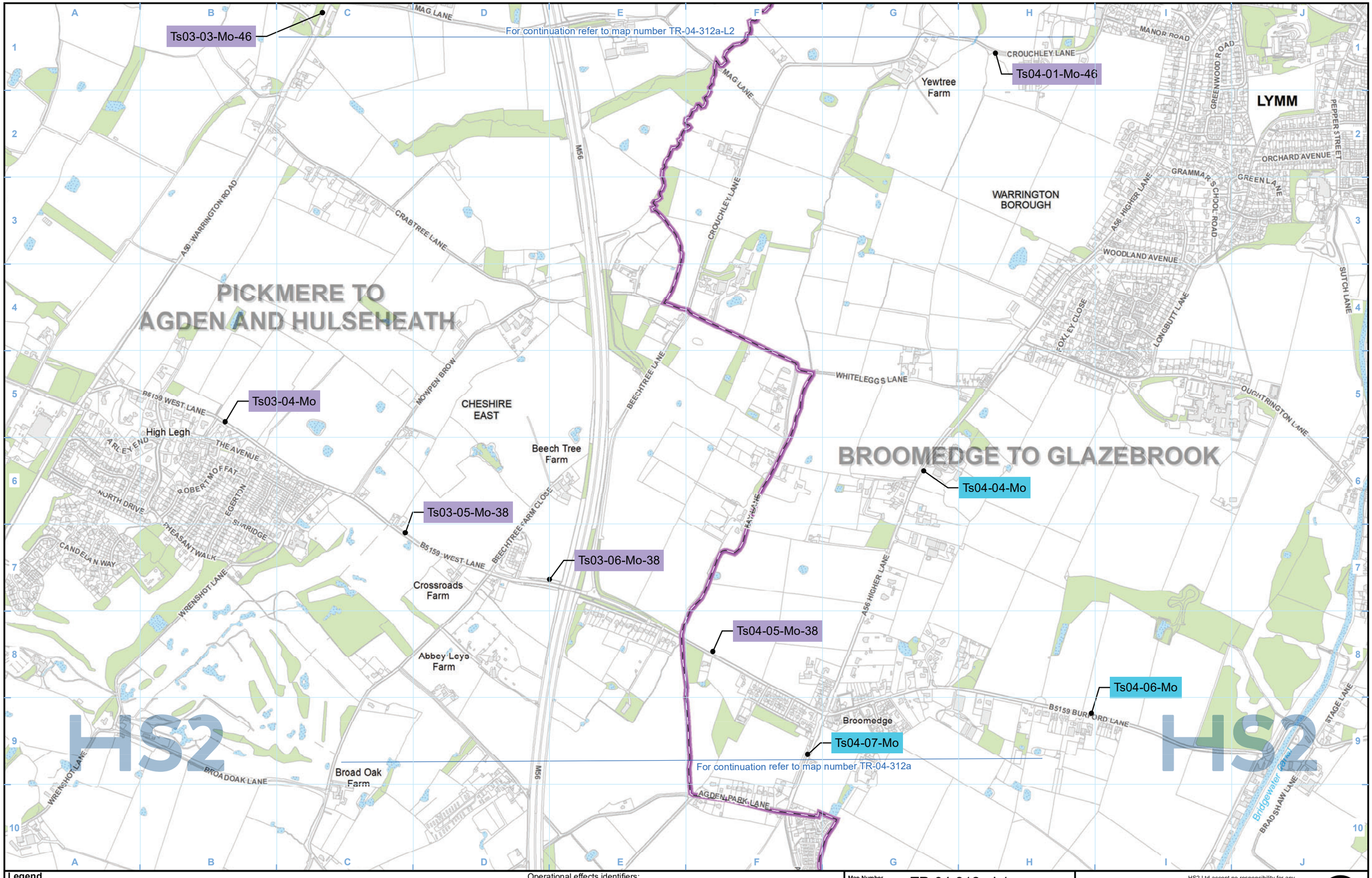

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38 (Forecast Year; Effect Level; Feature Number; CA Number; Identifier - see across)

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-312a-L1

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA03:
Pickmere to Agden and Hulseheath

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Date: 08/09/21

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-312a-L2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03:
Pickmere to Agden and Hulseheath

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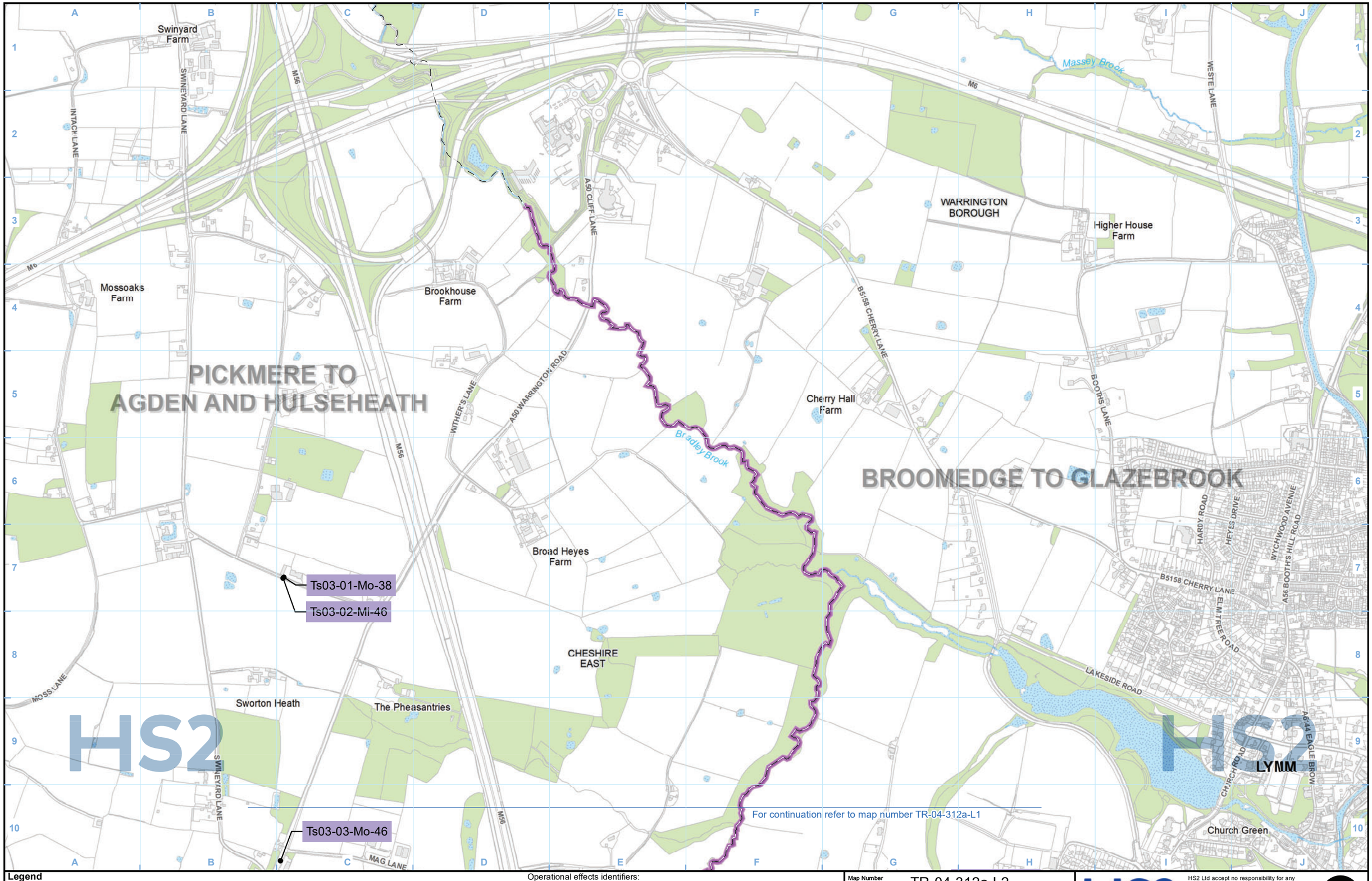

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-312a-L2

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA03:
Pickmere to Agden and Hulseheath

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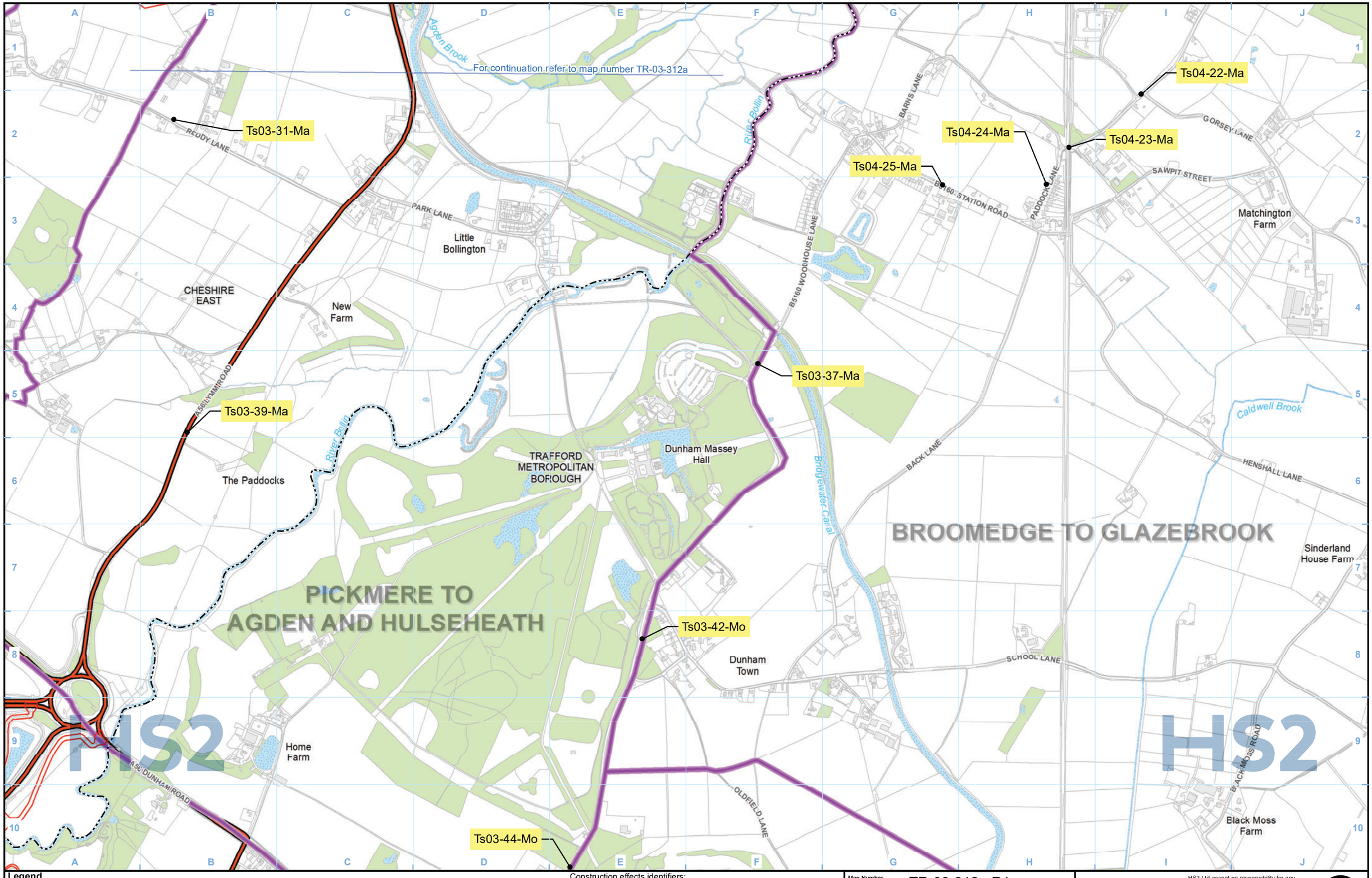

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-312a-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA03: Pickmere to Agden and Hulseheath

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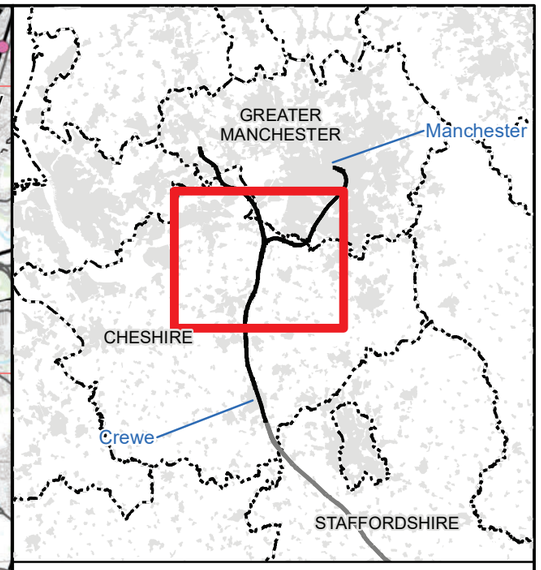

Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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	TR-08-INDEX-MA03
Map Name	Index Map of: Construction Routes to the Strategic Network
	Community Area MA03: Pickmere to Agden and Hulseheath

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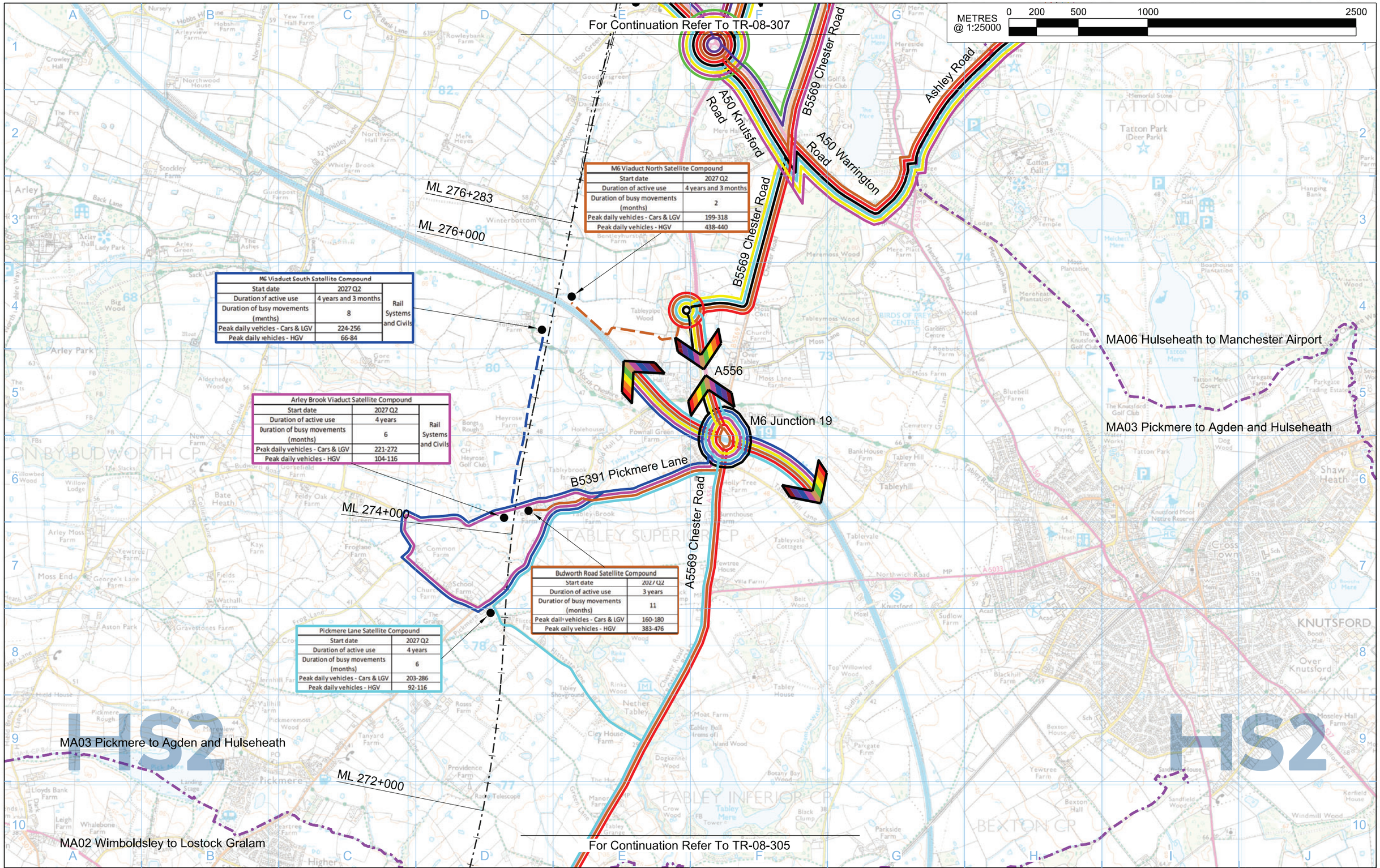

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number: TR-08-306

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA03 Pickmere to Agden and Hulseheath

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For Continuation Refer To TR-08-308

Bridgwater Canal Satellite Compound	
Start date	2027 Q4
Duration of active use	4 years
Duration of busy movements (months)	7
Peak daily vehicles - Cars & LGV	168-216
Peak daily vehicles - HGV	73-94

M56 West Satellite Compound	
Start date	2027 Q4
Duration of active use	4 years
Duration of busy movements (months)	8
Peak daily vehicles - Cars & LGV	145-164
Peak daily vehicles - HGV	38-48

A556 Chester RoadSatellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 6 months
Duration of busy movements (months)	15
Peak daily vehicles - Cars & LGV	229-306
Peak daily vehicles - HGV	433-520

A56 Lymm Road Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 6 months
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	237-362
Peak daily vehicles - HGV	69-80

Agden Brow Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	14
Peak daily vehicles - Cars & LGV	236-330
Peak daily vehicles - HGV	400-512

Agden Brook Viaduct Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years and 6 months
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	164-210
Peak daily vehicles - HGV	88-104

Agden Lane Satellite Compound	
Start date	2027 Q4
Duration of active use	4 years
Duration of busy movements (months)	7
Peak daily vehicles - Cars & LGV	186-252
Peak daily vehicles - HGV	78-98

Peacock Lane Satellite Compound	
Start date	2028 Q3
Duration of active use	3 years
Duration of busy movements (months)	5
Peak daily vehicles - Cars & LGV	155-182
Peak daily vehicles - HGV	50-68

Rostherne Cutting Satellite Compound	
Start date	2027 Q2
Duration of active use	5 years
Duration of busy movements (months)	11
Peak daily vehicles - Cars & LGV	233-320
Peak daily vehicles - HGV	437-486

Peacock Lane ATFS Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	5 years	
Duration of busy movements (months)	5	
Peak daily vehicles - Cars & LGV	259-346	
Peak daily vehicles - HGV	75-112	

Chapel Lane Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	251-310
Peak daily vehicles - HGV	87-102

Wrenshot Lane Satellite Compound	
Start date	2027 Q3
Duration of active use	3 years and 9 months
Duration of busy movements (months)	7
Peak daily vehicles - Cars & LGV	143-198
Peak daily vehicles - HGV	363-438

Bowden View Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 6 months
Duration of busy movements (months)	11
Peak daily vehicles - Cars & LGV	177-248
Peak daily vehicles - HGV	416-484

A50 Warrington Road Main Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	5 years and 3 months	
Duration of busy movements (months)	15	
Peak daily vehicles - Cars & LGV	401-516	
Peak daily vehicles - HGV	140-234	

ML 282+000
ML 280+000
MS 280+000
ML 278+000
MA04 Broomedge to Glazebrook
MA03 Pickmere to Agden and Hulseheath
MA06 Hulseheath to Manchester Airport
A56 Lymm Road
M6
A50 Cliff Lane
A50 Warrington Road
M56 Junction 7
M56 Junction 8
Cherry Tree Lane
HS2 Manchester Spur
HS2 Mainline
Chapel Lane
A556
Temporary Construction Only Access to A556 from Chapel Lane
B5569 Chester Road
A5034 Mereside Road
A50 Knutsford Road
Ashley Road

For Continuation Refer To TR-08-306

For Continuation Refer To TR-08-311

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number: TR-08-307

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA03 Pickmere to Agden and Hulseheath

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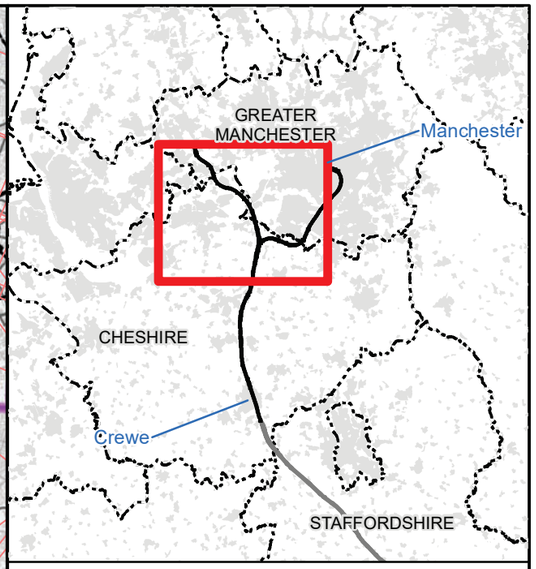
High Speed Rail
(Crewe – Manchester)
Environmental Statement

MA04: Broomedge to Glazebrook

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation

TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-03-INDEX-MA04

Map Name: Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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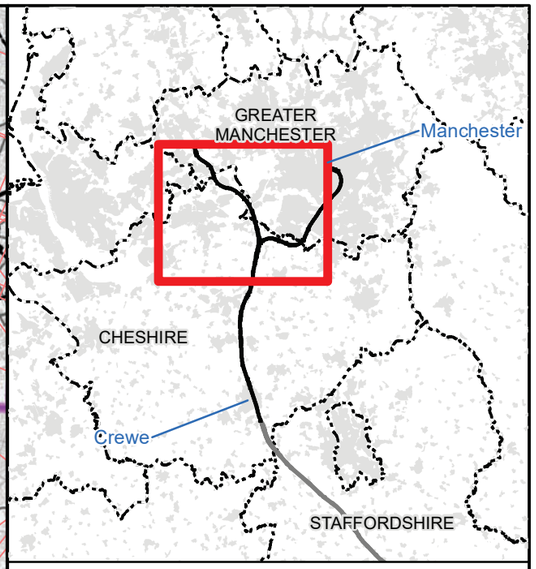
Doc Number: 2DE01-MWJ-EV-MAP-M000-002181-P01

Date: 07/09/21



Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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: TR-04-INDEX-MA04

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Community Area MA04: Broomedge to Glazebrook

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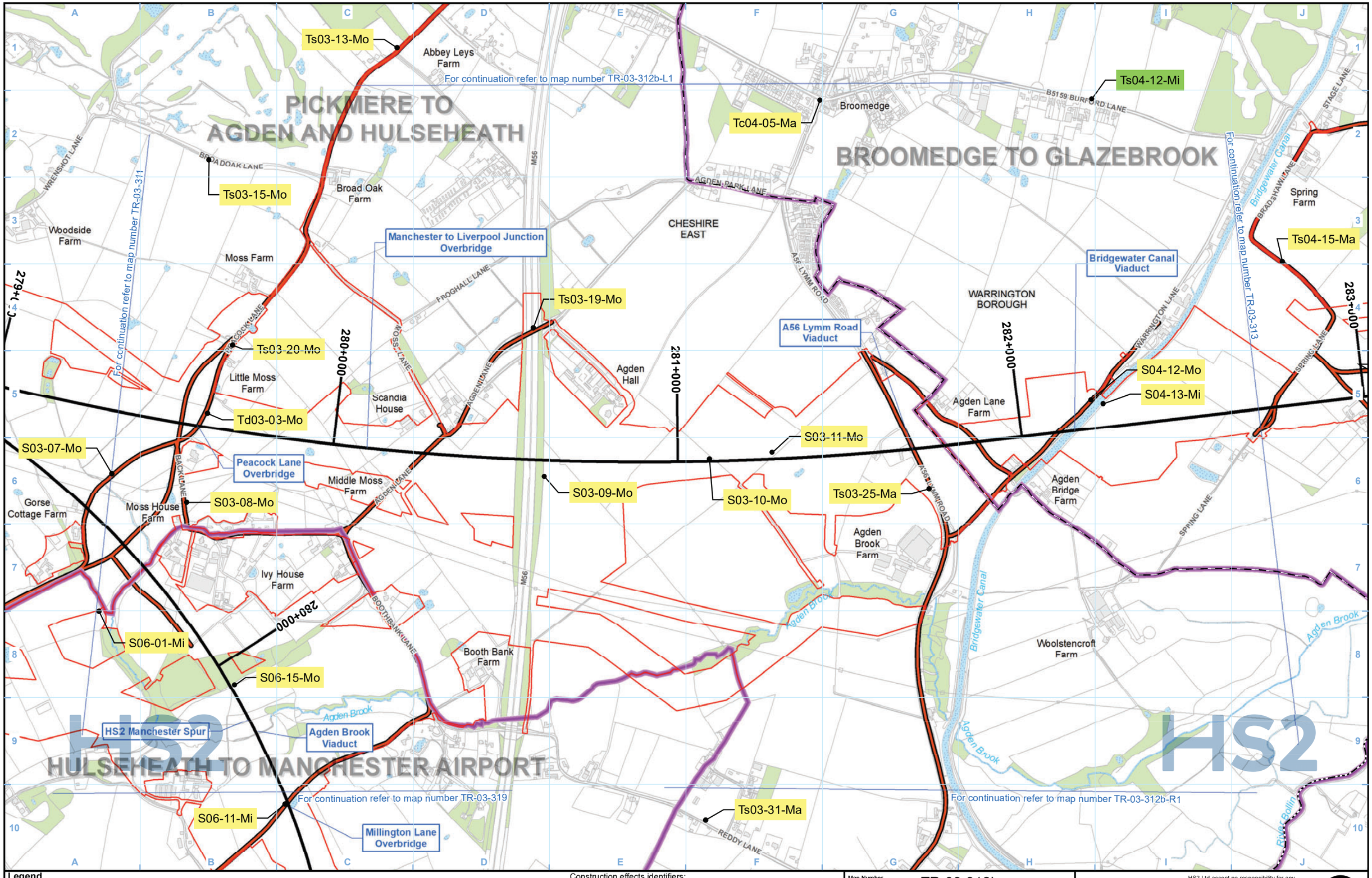
Doc Number: 2DE01-MWJ-EV-MAP-M000-002227-P01

Date: 07/09/21



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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- PT: Construction effects identifier
- 01: Effect Level
- 01: Feature Number
- Ma: CA Number Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-312b

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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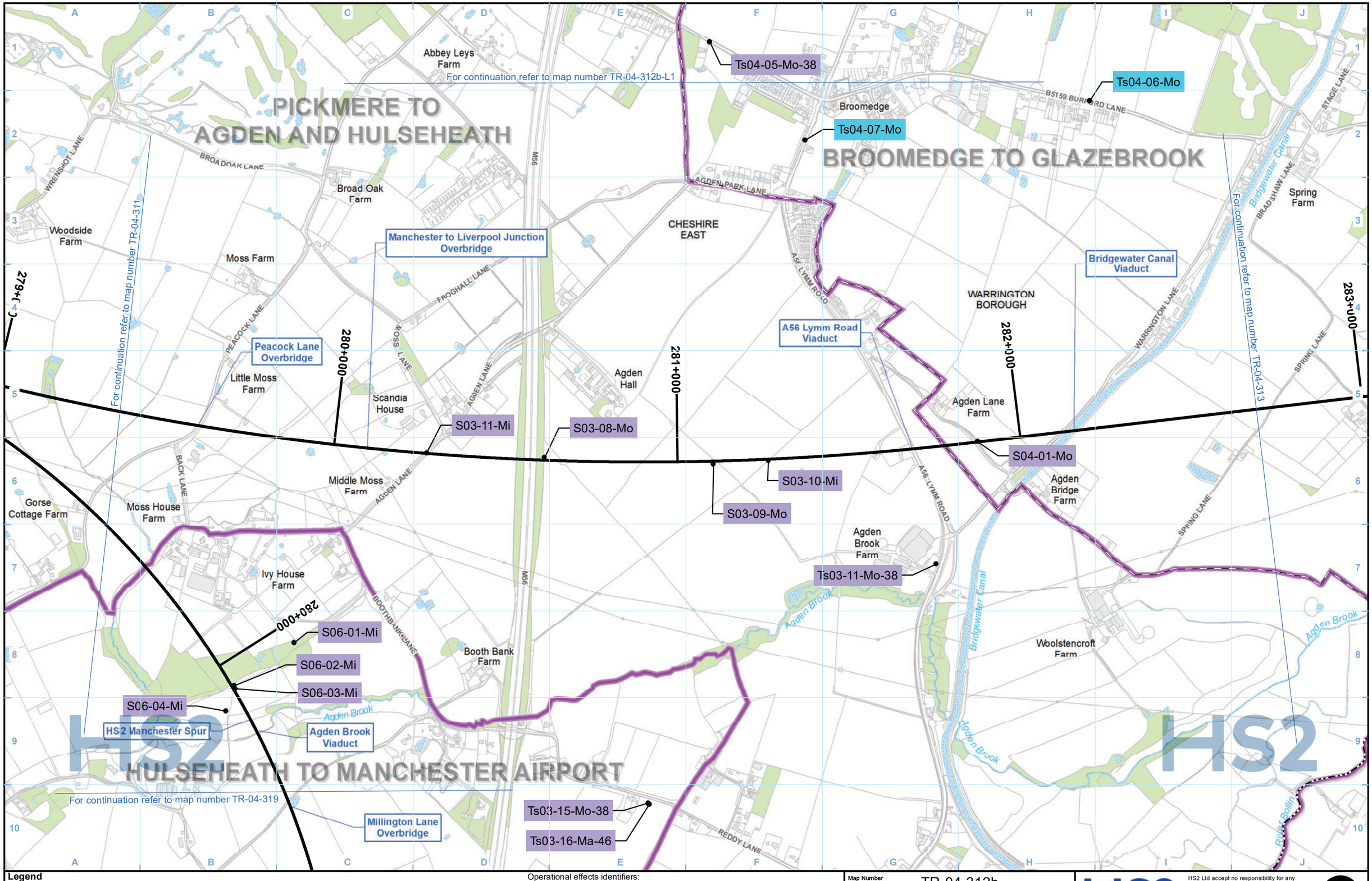

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38 (Forecast Year; Effect Level; Feature Number; CA Number; Identifier - see across)

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-312b

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA04: Broomedge to Glazebrook

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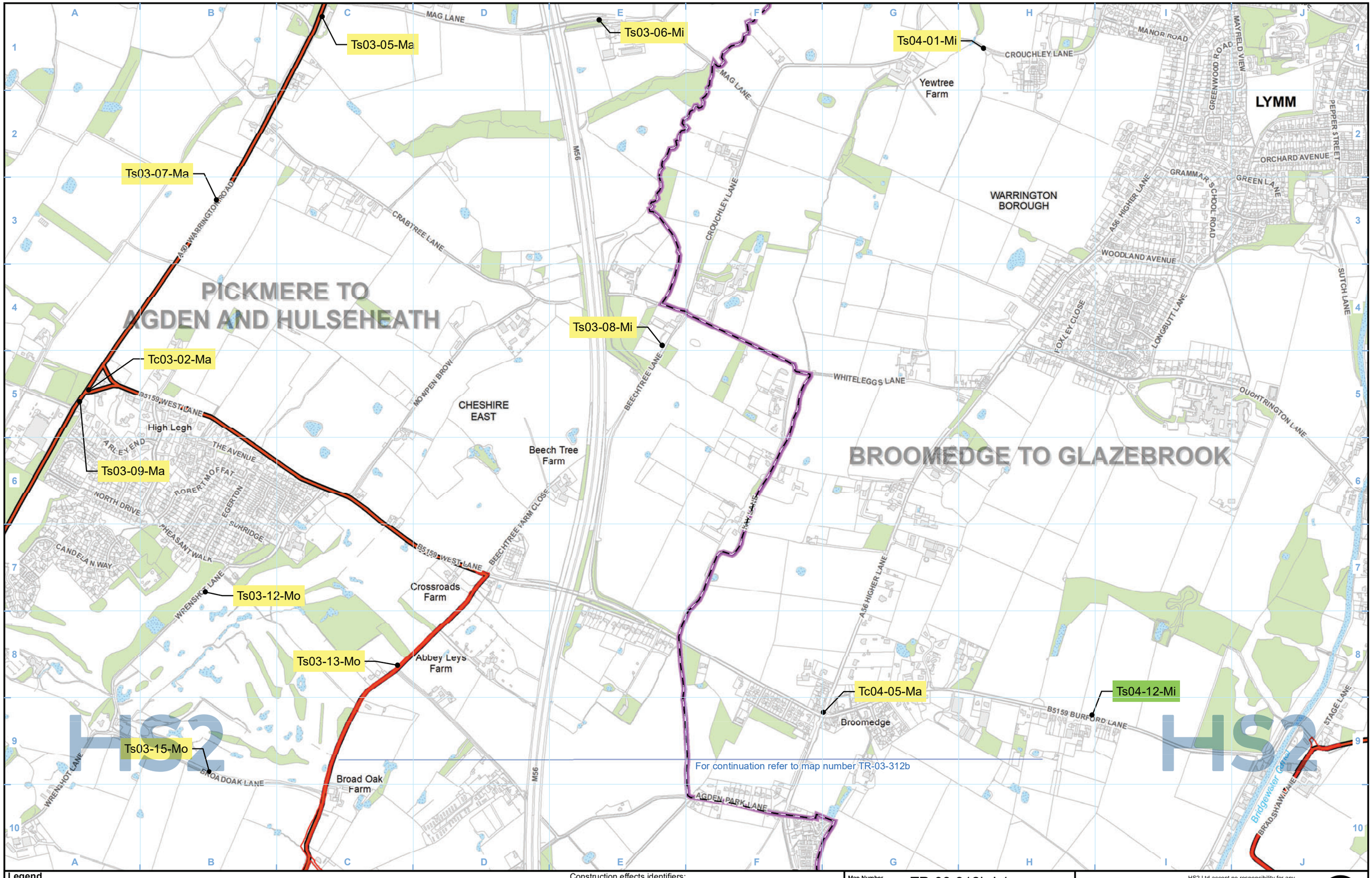

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-312b-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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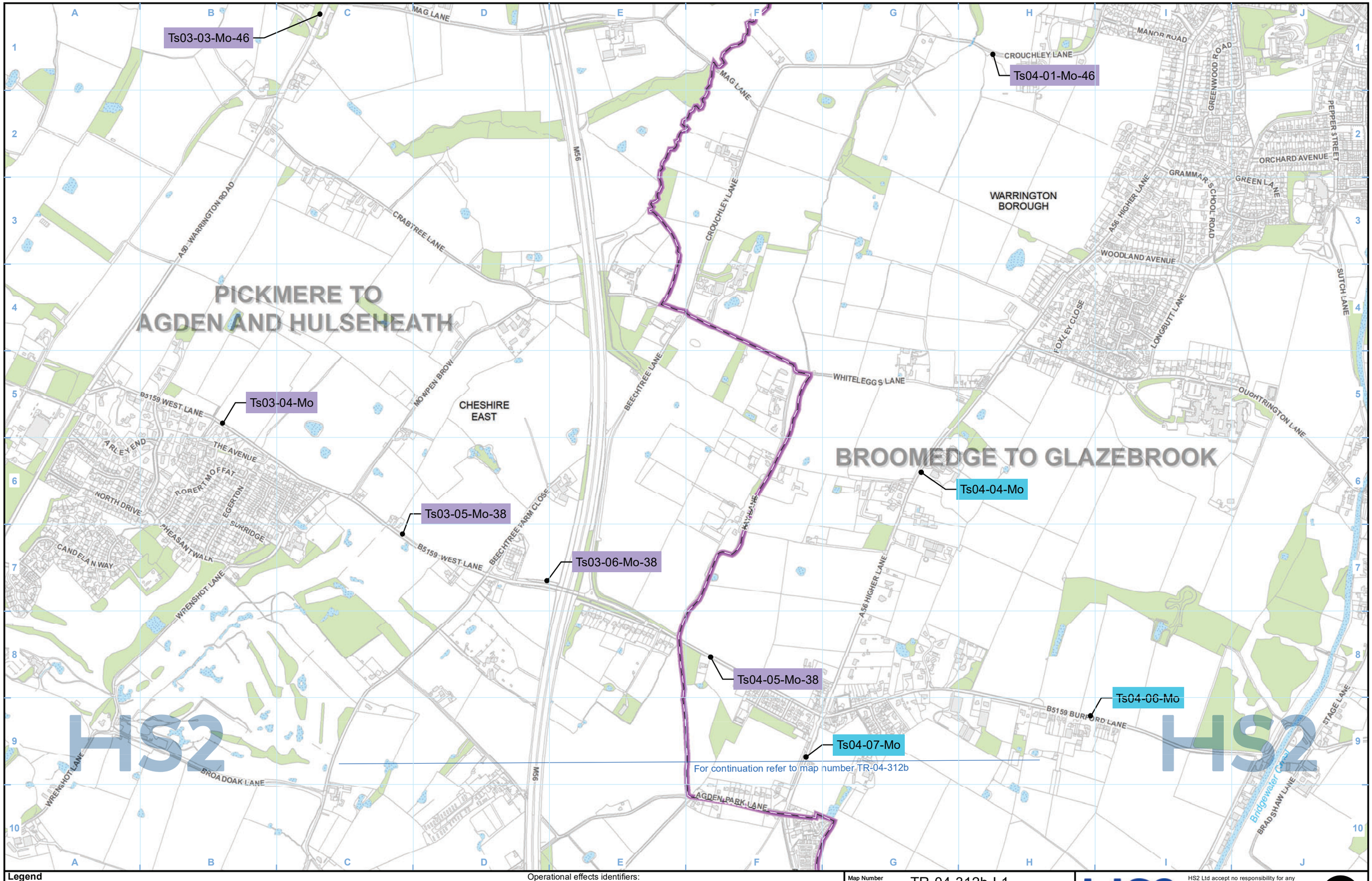

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-312b-L1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA04: Broomedge to Glazebrook

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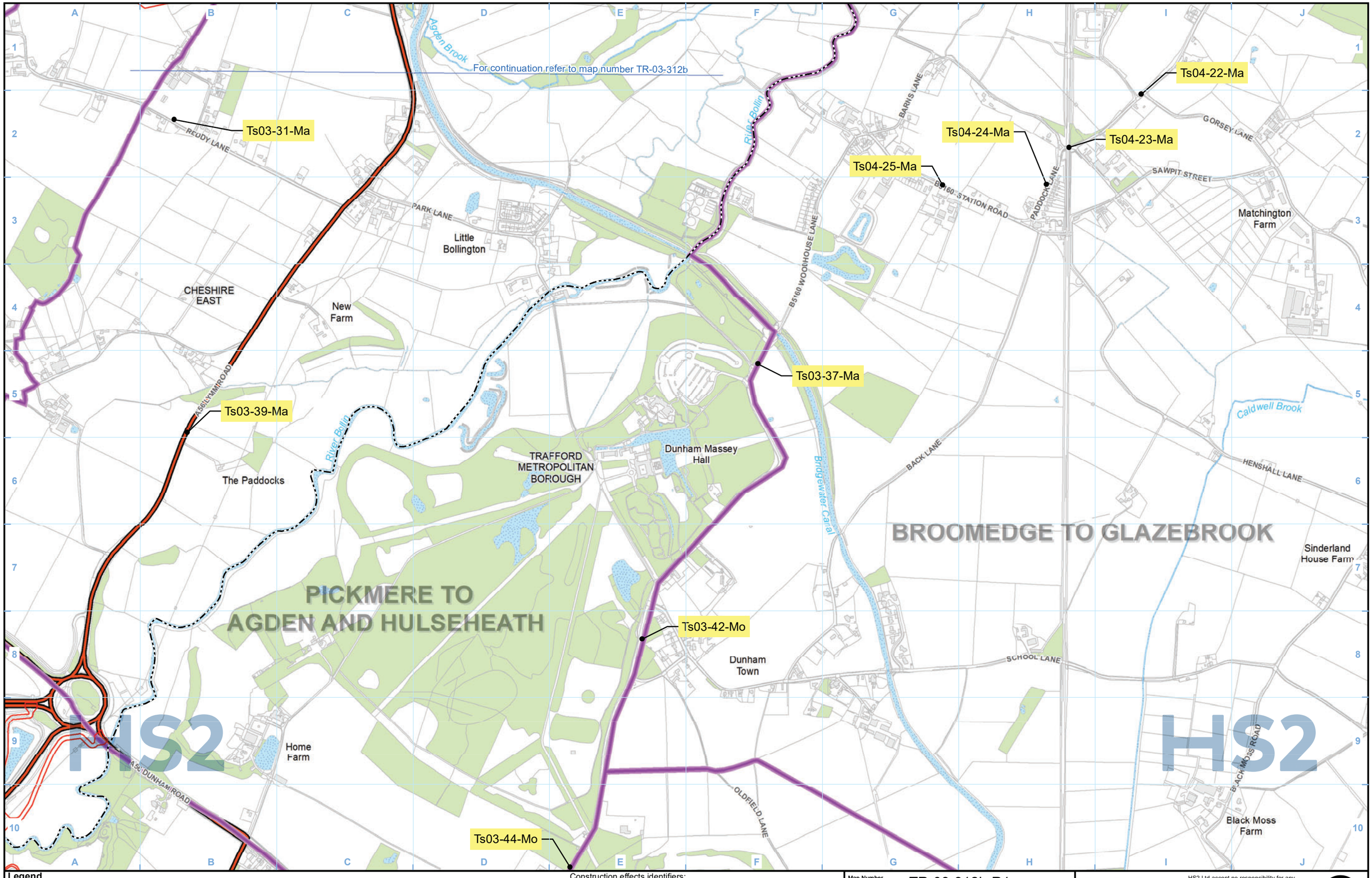

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-312b-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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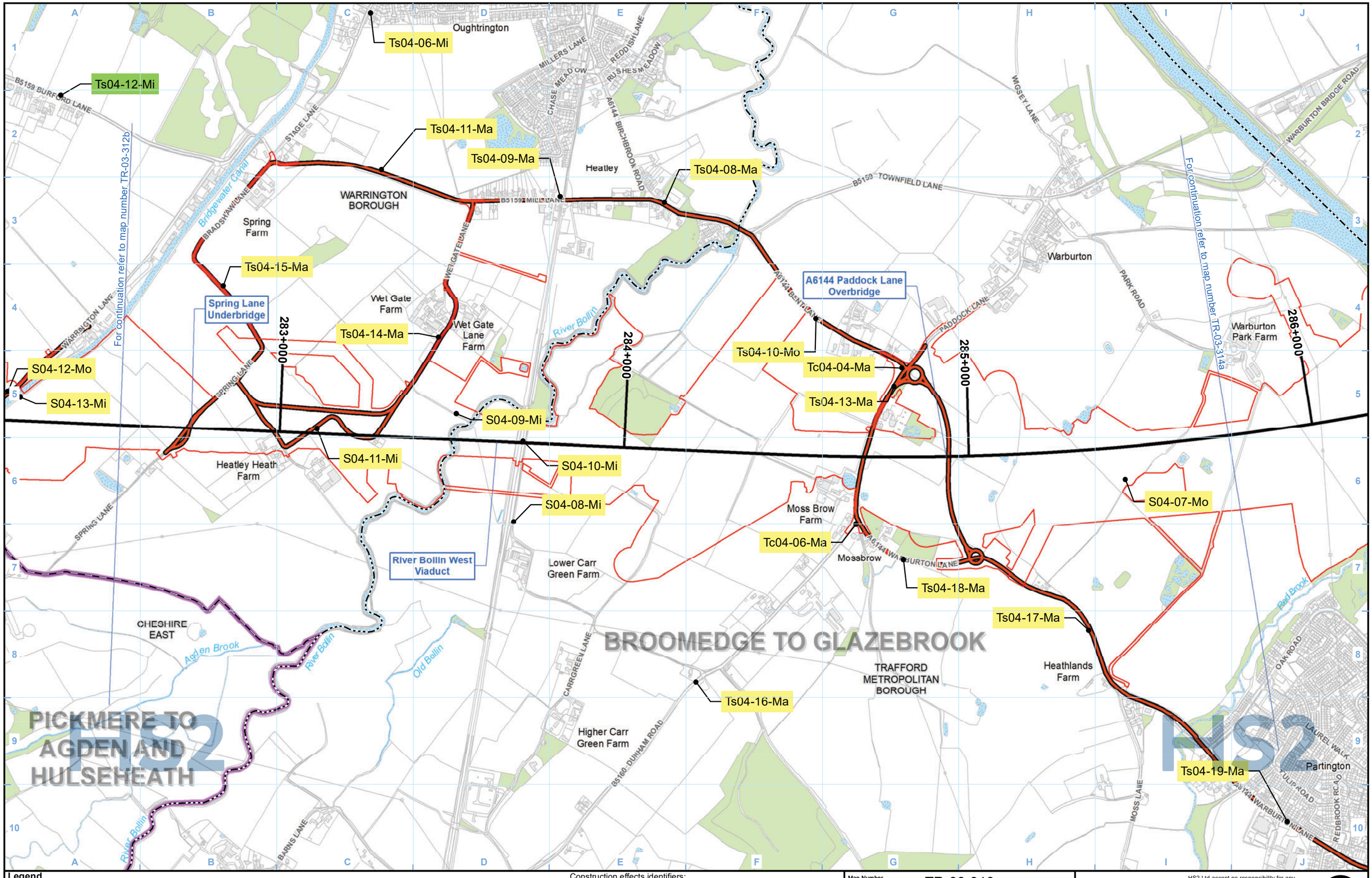

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-313

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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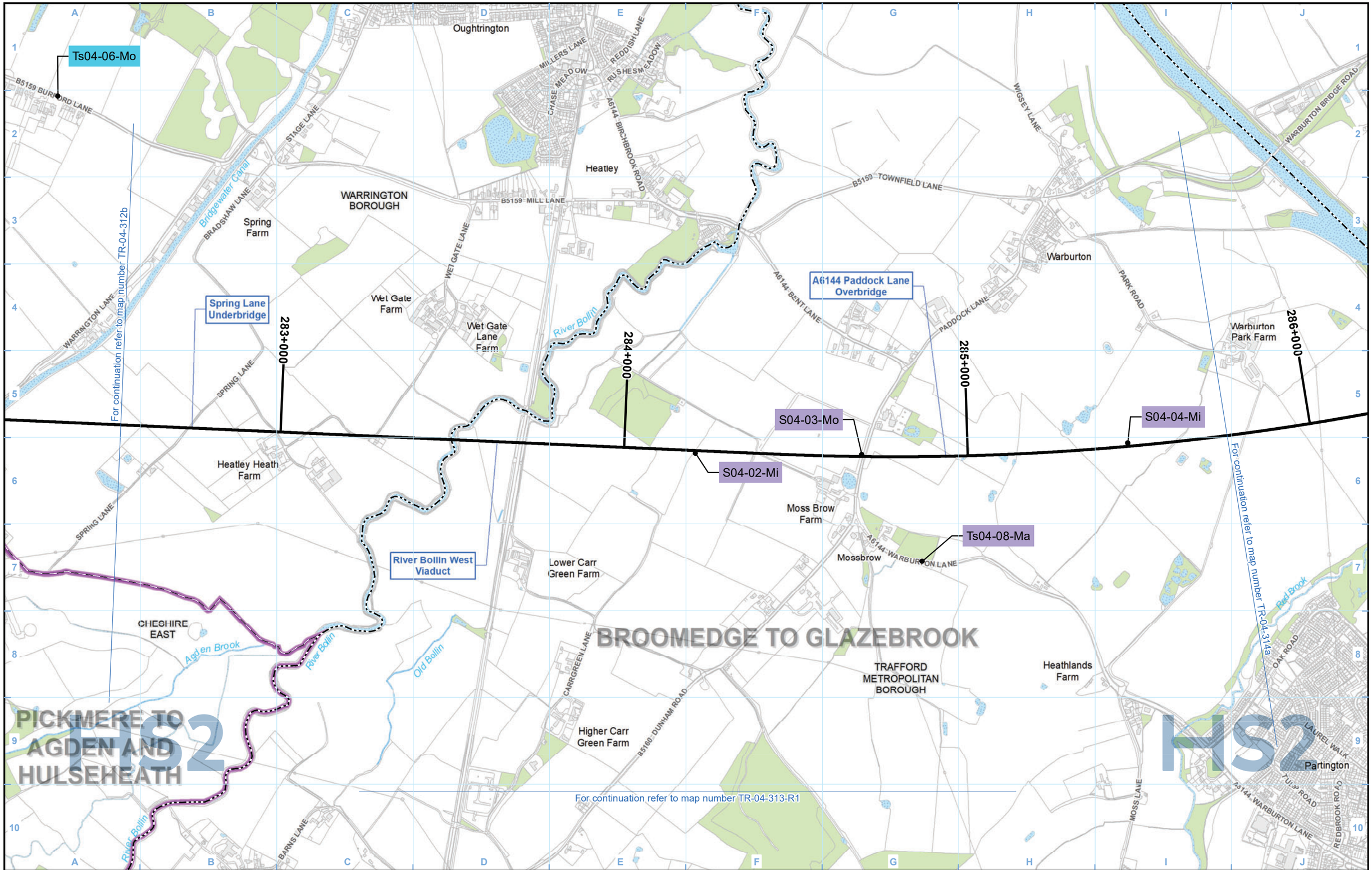

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
(Forecast Year; Effect Level; Feature Number; CA Number; Identifier - see across)

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-313

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA04: Broomedge to Glazebrook

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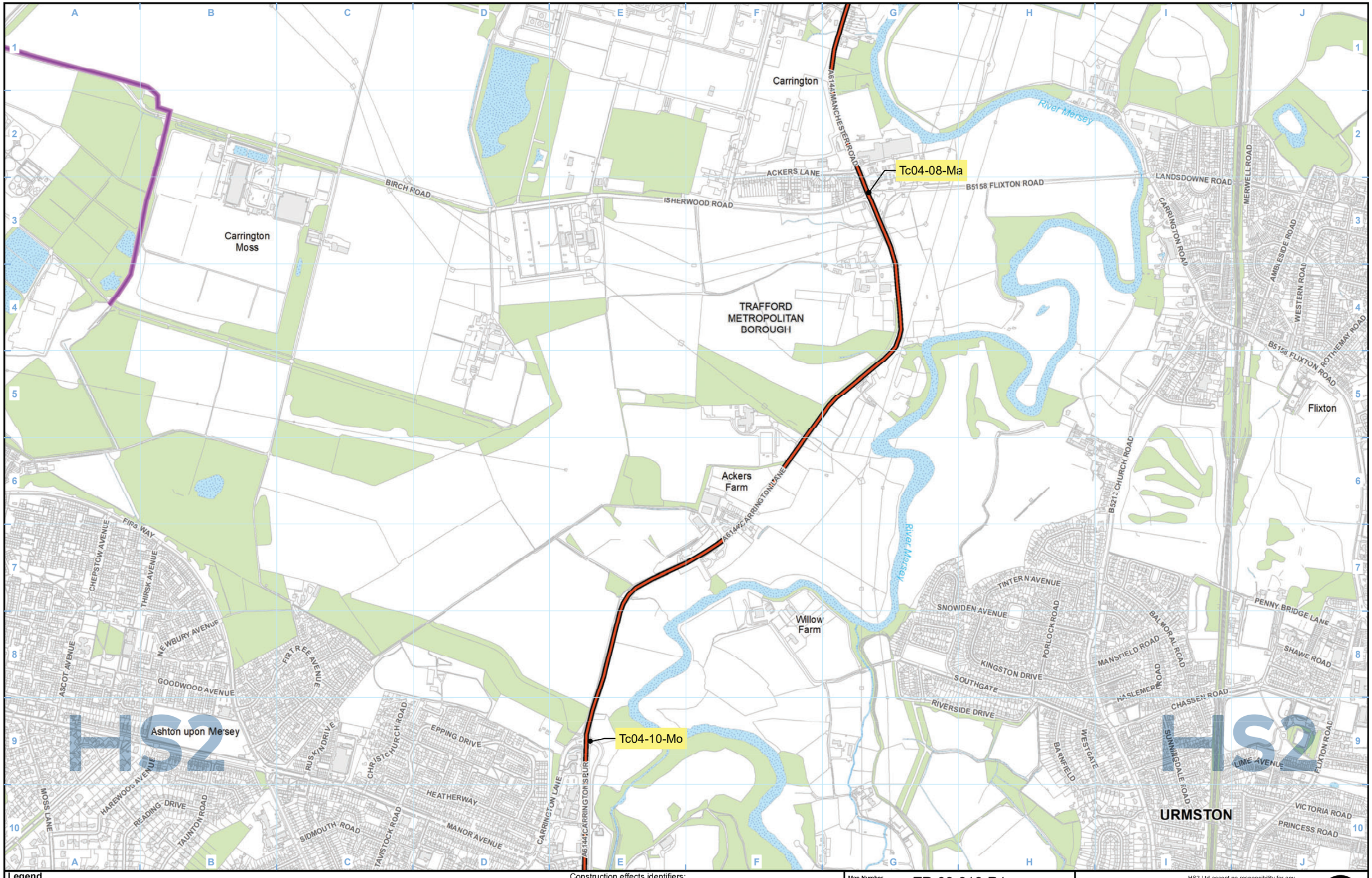

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-313-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-313-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA04: Broomedge to Glazebrook

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Date: 08/09/21

BROOMEDGE TO GLAZEBROOK

WARRINGTON BOROUGH

TRAFFORD METROPOLITAN BOROUGH

SALFORD CITY

Tc04-02-Ma
Ts04-04-Ma
Ts04-02-Mo
Ts04-05-Ma
S04-04-Mi
S04-07-Mo
S04-05-Mi
S04-03-Mo
S04-02-Mi
S04-01-Mi
S04-06-Mi
Tc04-03-Ma
Ts04-07-Mo
Ts04-03-Mo
Ts04-19-Ma

286+000
287+000
288+000
289+000

For continuation refer to map number TR-03-313

For continuation refer to map number TR-03-315

Manchester Ship Canal Viaduct

Glazebrook (Railway) Viaduct

Lane End
Brook Farm
Ash Tree Farm
Omrod Farm
Warburton
Warburton Park Farm
Hollins Green
Hollinfare
Bridge Farm
Beechfield Farm
Church Farm
Moss Farm
Mount Pleasant Farm
Millbank Hall Farm
Brush Farm
Glazebrook
Partington
Cadishead
Great Woolden Hall Farm

WIGSEY LANE
PARK ROAD
WARBURTON BRIDGE ROAD
CHAPEL LANE
MOSS SIDE LANE
SCHOOL LANE
A57 MANCHESTER ROAD
BIRCH ROAD
SCHOOL LANE
MOSS LANE
DAM LANE
DAMHEAD LANE
BANK STREET
A57 CADISHEAD WAY
B5212 GLAZEBROOK LANE
VICTORY ROAD
HAIG AVENUE
KITCHENER AVENUE
CARLTON WAY
ALLENBY ROAD
DUDLEY ROAD
CUMBERLAND AVENUE
LORD'S STREET
BUCKINGHAM ROAD
LIVERPOOL ROAD
A57 WARBURTON LANE
TULIP ROAD
REDBROOK ROAD
WOOD LANE
WALNUT ROAD
LOCK LANE
LAUREL WALK
OAK ROAD

Red Brook
Glaze Brook

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-314a

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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BROOMEDGE TO GLAZEBROOK

S04-04-Mi
Ts04-02-Ma
Ts04-03-Ma
S04-05-Mi
S04-06-Mi
Td04-01-Mi
286+000
287+000
288+000
289+000
Glazebrook (Railway) Viaduct
Manchester Ship Canal Viaduct
Manchester Ship Canal
Red Brook
Glaze Brook
Warburton
Warburton Park Farm
Millbank Hall Farm
Partington
TRAFFORD METROPOLITAN BOROUGH
WARRINGTON BOROUGH
SALFORD CITY
Lane End
Brook Farm
Hollins Green
Hollinfare
Mount Pleasant Farm
Cadishead
Ash Tree Farm
Bridge Farm
Omrod Farm
Beechfield Farm
Church Farm
Moss Farm
Brush Farm
Glazebrook
Great Woolden Hall Farm
WIGSEY LANE
PARK ROAD
WARBURTON BRIDGE ROAD
CHAPEL LANE
A57 MANCHESTER ROAD
SCHOOL LANE
BIRCH ROAD
MOSS SIDE LANE
MOSS LANE
SCHOOL LANE
DAM LANE
DAM HEAD LANE
BANK STREET
B5212 GLAZEBROOK LANE
A57 CADISHEAD WAY
VICTORY ROAD
HAIG AVENUE
KITCHENER AVENUE
CUMBERLAND AVENUE
LORD'S STREET
BUCKINGHAM ROAD
ALLENBY ROAD
DUDLEY ROAD
LIVERPOOL ROAD
CARLTON WAY
OAK ROAD
WOOD LANE
WALNUT ROAD
LOCK LANE
LAUREL WALK
TULIP ROAD
REDBROOK ROAD
A6144 WARBURTON LANE
For continuation refer to map number TR-04-313
For continuation refer to map number TR-04-315

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-314a

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA04: Broomedge to Glazebrook

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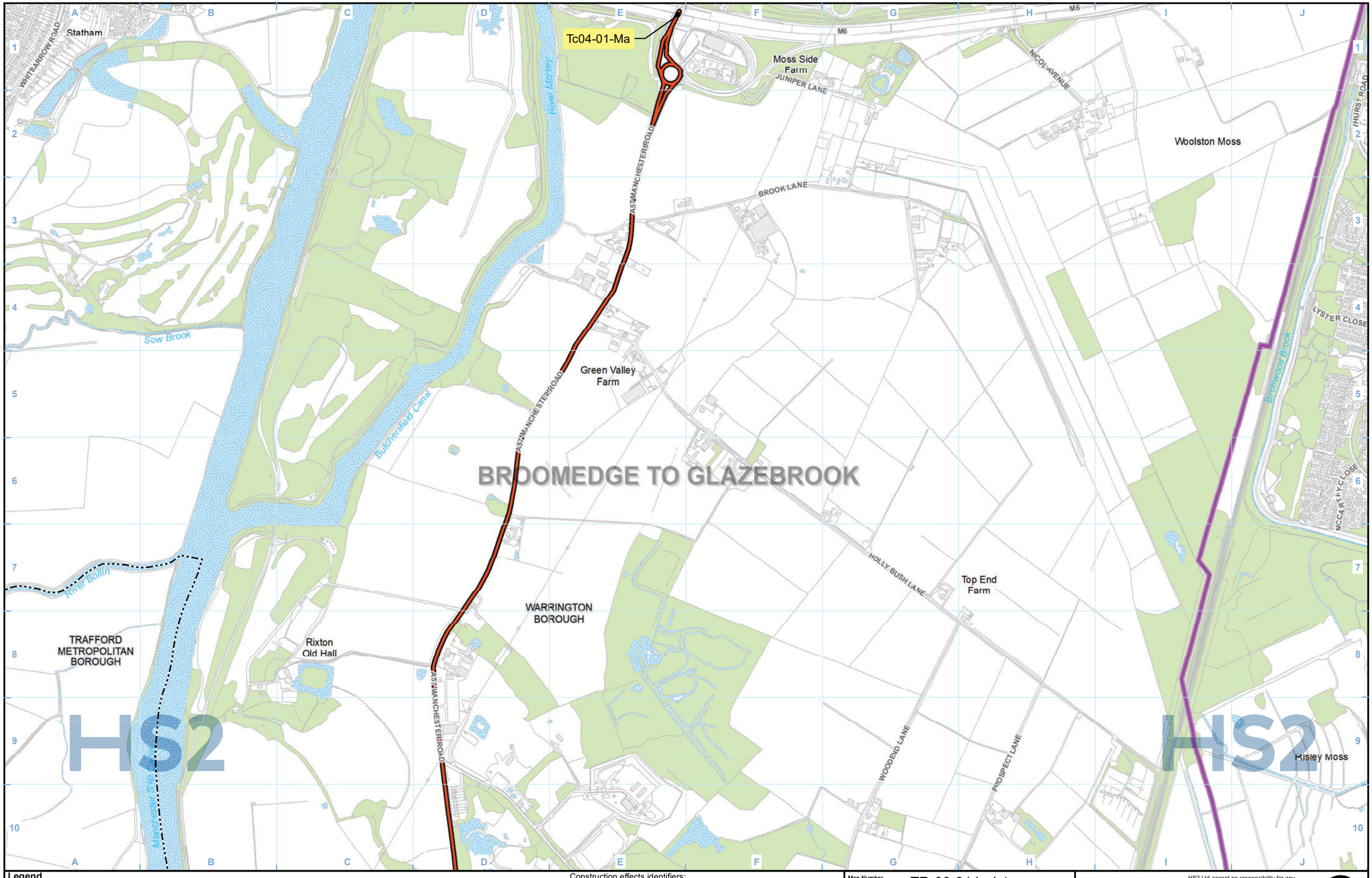

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
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- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-314a-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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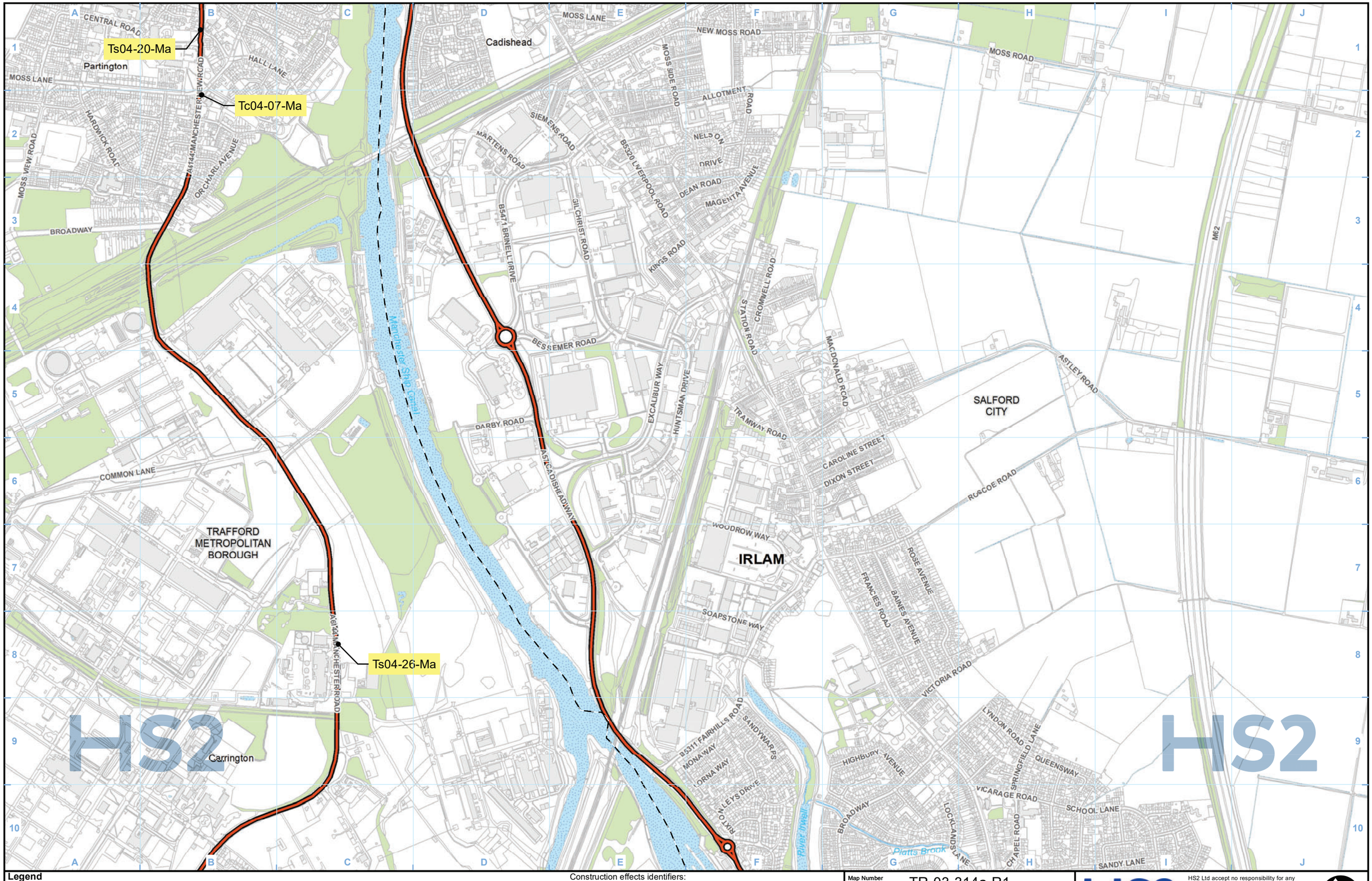

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-314a-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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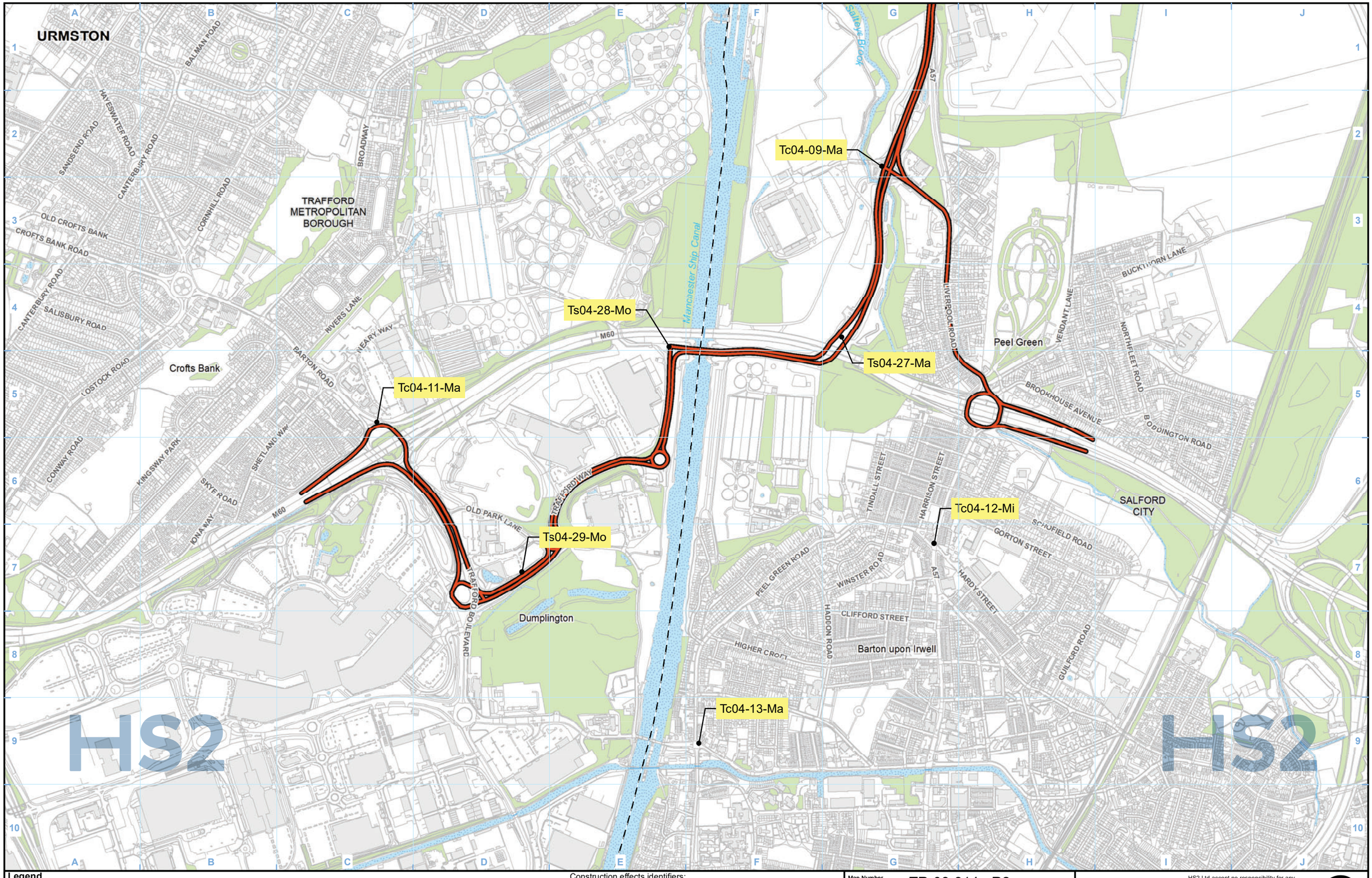

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-314a-R2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA04: Broomedge to Glazebrook

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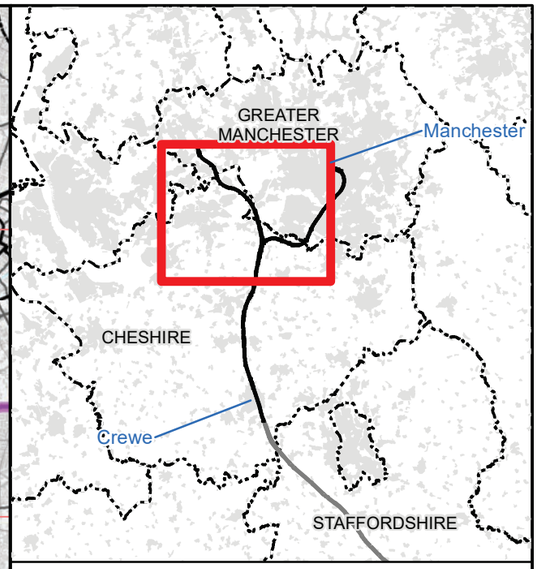

Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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: TR-08-INDEX-MA04

Map Name: Index Map of: Construction Routes to the Strategic Network

Community Area MA04: Broomedge to Glazebrook

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Date: 05/08/21

A574 Birchwood Park Avenue

A574 Birchwood Way

MA05 Risley to Bamfurlong

MA04 Broomedge to Glazebrook

For Continuation Refer To TR-08-309

For Continuation Refer To TR-08-309-R1

Glazebrook Railway North Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years 6 months
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	163-184
Peak daily vehicles - HGV	69-84

Glazebrook Railway South Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years
Duration of busy movements (months)	5
Peak daily vehicles - Cars & LGV	188-212
Peak daily vehicles - HGV	46-58

Manchester Ship Canal Viaduct Central Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years 3 months
Duration of busy movements (months)	10
Peak daily vehicles - Cars & LGV	123-148
Peak daily vehicles - HGV	37-50

Manchester Ship Canal Viaduct North Main Compound	
Start date	2027 Q2
Duration of active use	4 years 3 months
Duration of busy movements (months)	11
Peal daily vehicles - Cars & LGV	219-296
Peak daily vehicles - HGV	101-126

Manchester Ship Canal Viaduct South Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 3 months
Duration of busy movements (months)	3
Peak daily vehicles - Cars & LGV	196-262
Peak daily vehicles - HGV	119-126

Warburton Embankment Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	5 yeas and 3 months	
Duration of busy movements (months)	4	
Peak daily vehicles - Cars & LGV	284-428	
Peak daily vehicles - HGV	197-274	

A6144 Paddock Lane Satellite Compound	
Start date	2027 Q4
Duration of active use	3 years and 6 months
Duration of busy movements (months)	8
Peak daily vehicles - Cars & LGV	158-218
Peak daily vehicles - HGV	81-96

River Bollin West Viaduct Satelite Compound	
Start date	2027 Q3
Duration of active use	3years and 6 months
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	181-218
Peak daily vehicles - HGV	87-98

Wet Gate Lane Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	4 yeas 9 months	
Duration of busy movements (months)	6	
Peak daily vehicles - Cars & LGV	222-216	
Peak daily vehicles - HGV	74-84	

Bridgewater Canal Satellite Compound	
Start date	2027 Q4
Duration of active use	4 years
Duration of busy movements (months)	7
Peak daily vehicles - Cars & LGV	168-216
Peak daily vehicles - HGV	73-94

ML 288+000

ML 286+000

ML 284+000

Dam Head Lane

Dam Lane

B5212 Glazebrook Lane

A57 Cadishead Way

A6144 Warburton Lane

A57 Manchester Road

B5169 Mill Lane

M6 Junction 21

MA04 Broomedge to Glazebrook

MA03 Pickmere to Agden and Hulseheath

For Continuation Refer To TR-08-307

METRES @ 1:25000 — 0 200 500 1000 2500

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number: TR-08-308

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA04 Broomedge to Glazebrook

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HS2

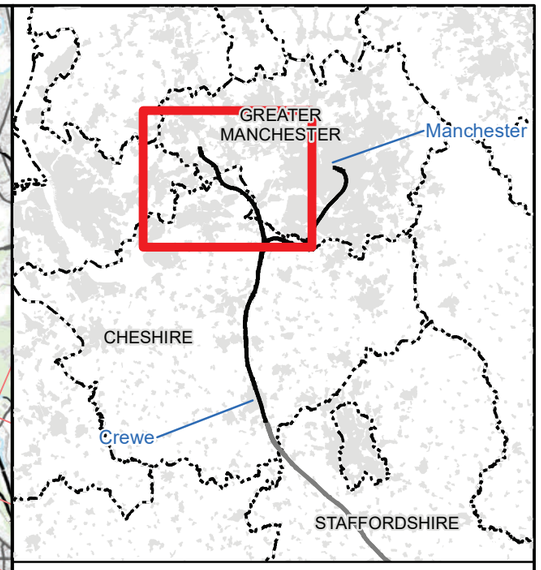
High Speed Rail (Crewe – Manchester) Environmental Statement

MA05: Risley to Bamfurlong

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation

TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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	TR-03-INDEX-MA05
Map Name	Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes
	Community Area MA05: Risley to Bamfurlong

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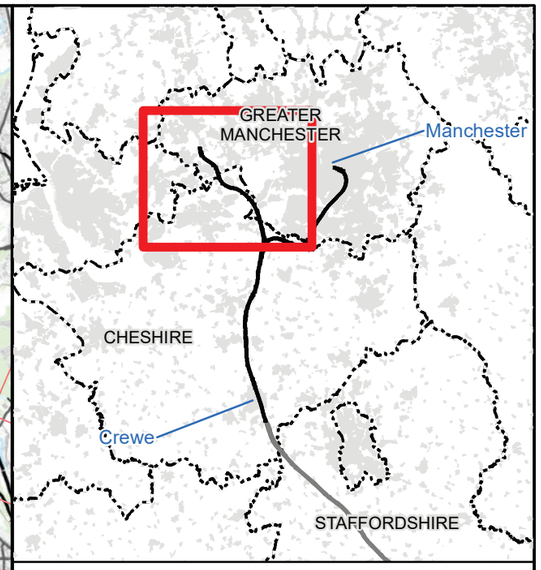

Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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: TR-04-INDEX-MA05

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Community Area MA05: Risley to Bamfurlong

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BROOMEDGE TO GLAZEBROOK

Tc04-02-Ma
Ts04-04-Ma
Ts04-02-Mo
S04-07-Mo
Ts04-05-Ma
S04-04-Mi
S04-03-Mo
S04-05-Mi
S04-02-Mi
S04-01-Mi
S04-06-Mi
Tc04-03-Ma
Ts04-07-Mo
Ts04-03-Mo
Ts04-19-Ma

286+000
287+000
288+000
289+000

Lane End
Brook Farm
Ash Tree Farm
Omrod Farm
Warburton
Warburton Park Farm
Hollins Green
WARRINGTON BOROUGH
Bridge Farm
Beechfield Farm
Glazebrook (Railway) Viaduct
Hollinfare
Mount Pleasant Farm
Millbank Hall Farm
Church Farm
Moss Farm
Brush Farm
Glazebrook
Partington
TRAFFORD METROPOLITAN BOROUGH
Cadishead
SALFORD CITY
Great Woolden Hall Farm

Manchester Ship Canal
Manchester Ship Canal Viaduct
Red Brook
Glaze Brook

WIGSEY LANE
PARK ROAD
WARBURTON BRIDGE ROAD
CHAPEL LANE
MOSS SIDE LANE
SCHOOL LANE
A57 MANCHESTER ROAD
BIRCH ROAD
SCHOOL LANE
MOSS LANE
DAMHEAD LANE
BANK STREET
A57 CADISHEAD WAY
B5212 GLAZEBROOK LANE
VICTORY ROAD
HAIG AVENUE
KITCHENER AVENUE
CARLTON WAY
OAK ROAD
WOOD LANE
WALNUT ROAD
LOCK LANE
LAUREL WALK
TULIP ROAD
REDBROOK ROAD
A6144 WARBURTON LANE
LIVERPOOL ROAD
ALLENBY ROAD
DUDLEY ROAD
CUMBERLAND AVENUE
LORD'S STREET
BUCKINGHAM ROAD

For continuation refer to map number TR-03-313
For continuation refer to map number TR-03-315

HS2

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-314b

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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Date: 08/09/21

BROOMEDGE TO GLAZEBROOK

S04-04-Mi
Ts04-02-Ma
Ts04-03-Ma
S04-05-Mi
S04-06-Mi
Td04-01-Mi
286+000
287+000
288+000
289+000
Glazebrook (Railway) Viaduct
Manchester Ship Canal Viaduct
WARRINGTON BOROUGH
TRAFFORD METROPOLITAN BOROUGH
SALFORD CITY
Warburton
Warburton Park Farm
Lane End
Brook Farm
Hollins Green
Hollinfare
Mount Pleasant Farm
Millbank Hall Farm
Partington
Cadishead
Ash Tree Farm
Bridge Farm
Omrod Farm
Beechfield Farm
Church Farm
Moss Farm
Brush Farm
Glazebrook
Great Woolden Hall Farm
WIGSEY LANE
PARK ROAD
WARBURTON BRIDGE ROAD
CHAPEL LANE
A57 MANCHESTER ROAD
SCHOOL LANE
BIRCH ROAD
MOSS SIDE LANE
SCHOOL LANE
MOSS LANE
DAM LANE
DAM HEAD LANE
BANK STREET
A57 CADISHEAD WAY
B5212 GLAZEBROOK LANE
VICTORY ROAD
HAIG AVENUE
KITCHENER AVENUE
CUMBERLAND AVENUE
LORD'S STREET
BUCKINGHAM ROAD
CARLTON WAY
LIVERPOOL ROAD
ALLENBY ROAD
DUDLEY ROAD
OAK ROAD
WOOD LANE
WALNUT ROAD
LOCK LANE
LAUREL WALK
TULIP ROAD
REDBROOK ROAD
A6144 WARBURTON LANE
Red Brook
Glaze Brook
Mersey Sth Canal
For continuation refer to map number TR-04-313
For continuation refer to map number TR-04-315

HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-314b

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA05: Risley to Bamfurlong

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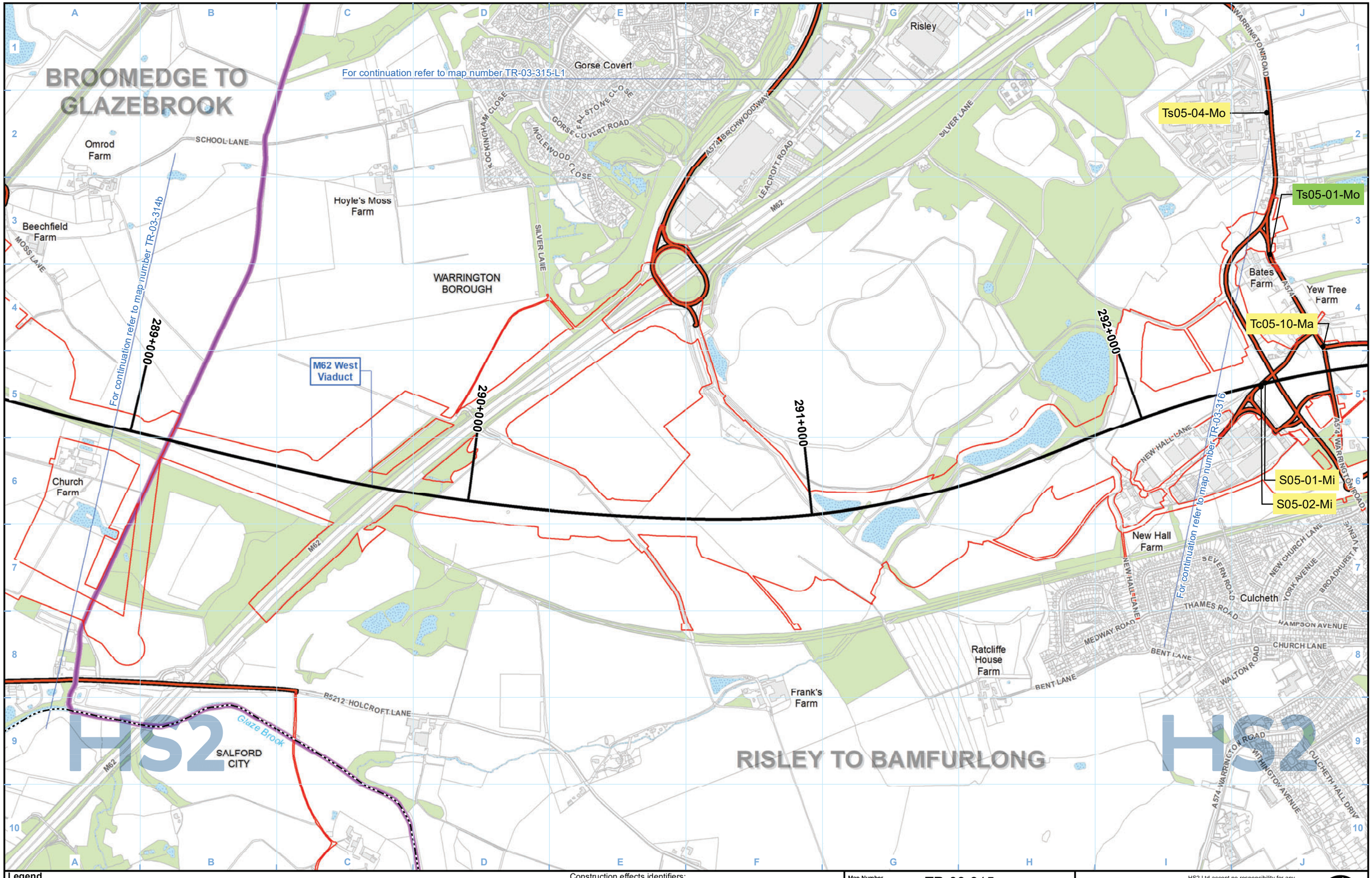

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-315

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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Date: 08/09/21

BROOMEDGE TO GLAZEBROOK

RISLEY TO BAMFURLONG

HS2

Omrod Farm
SCHOOL LANE
Beechfield Farm
MOSS LANE
Hoyle's Moss Farm
WARRINGTON BOROUGH
Gorse Covert
ROCKINGHAM CLOSE
FALSTONE CLOSE
GORSE COVERT ROAD
INGLEWOOD CLOSE
SILVER LANE
A574 BIRCHWOOD WAY
LEACROFT ROAD
M62
Risley
WARRINGTON ROAD
Bates Farm
A574
Yew Tree Farm
For continuation refer to map number TR-04-314b
289+000
290+000
291+000
292+000
M62 West Viaduct
S05-18-Mo
S05-19-Mo
S05-20-Mo
S05-21-Mo
S05-22-Mo
NEW HALL LANE
For continuation refer to map number TR-04-316
New Hall Farm
Church Farm
M62
B5212 HOLCROFT LANE
Glaze Brook
SALFORD CITY
Frank's Farm
Ratcliffe House Farm
HOWARD ROAD
MEDWAY ROAD
NEW HALL LANE
SEVERN ROAD
THAMES ROAD
Culcheth
NEW CHURCH LANE
YORK AVENUE
BROADHURST AVENUE
HAMPSON AVENUE
CHURCH LANE
BENT LANE
WALTON ROAD
A574 WARRINGTON ROAD
WITHINGTON AVENUE
CULCHETH HALL DRIVE

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-315

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA05: Risley to Bamfurlong

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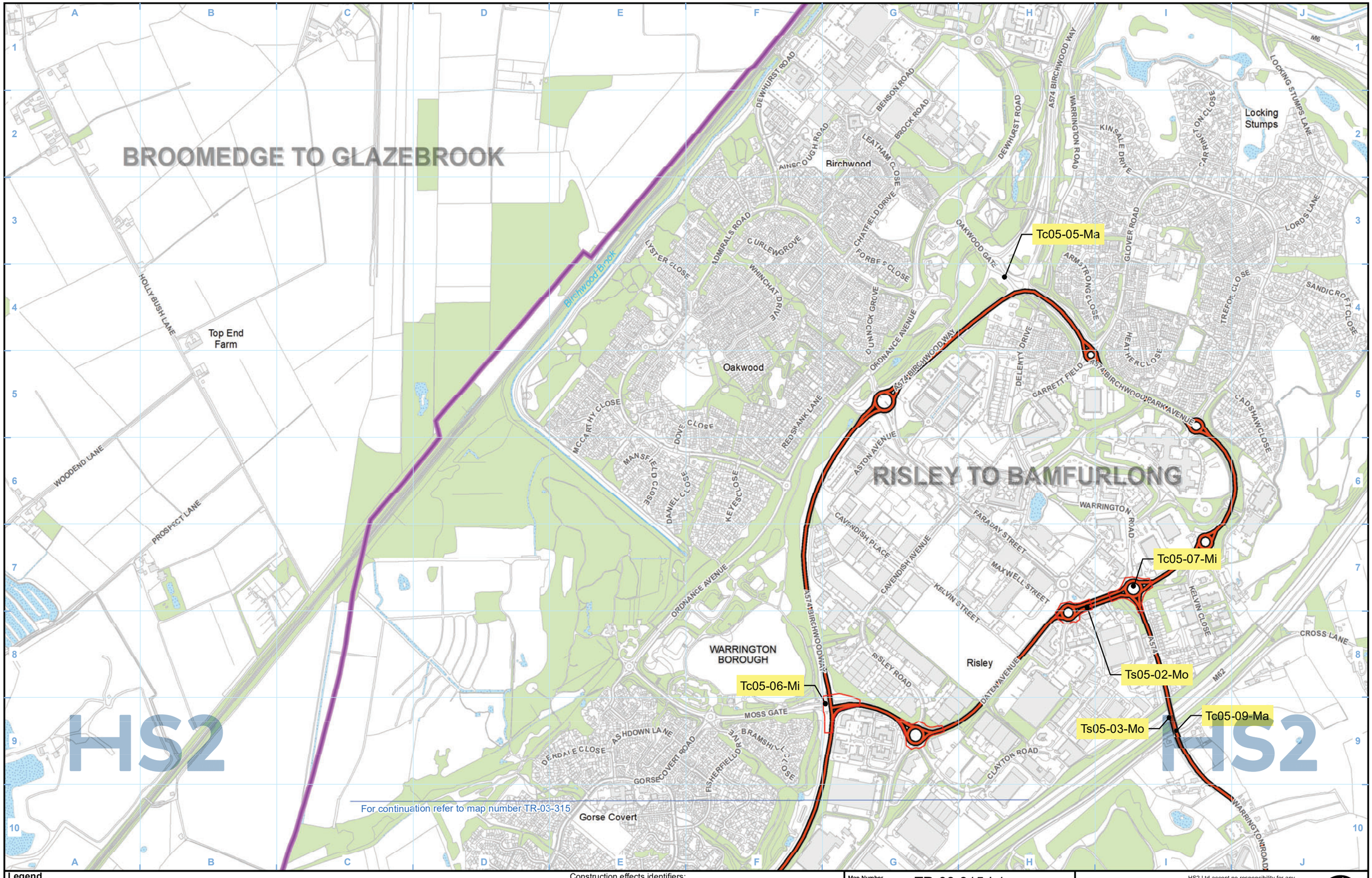

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number

Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-315-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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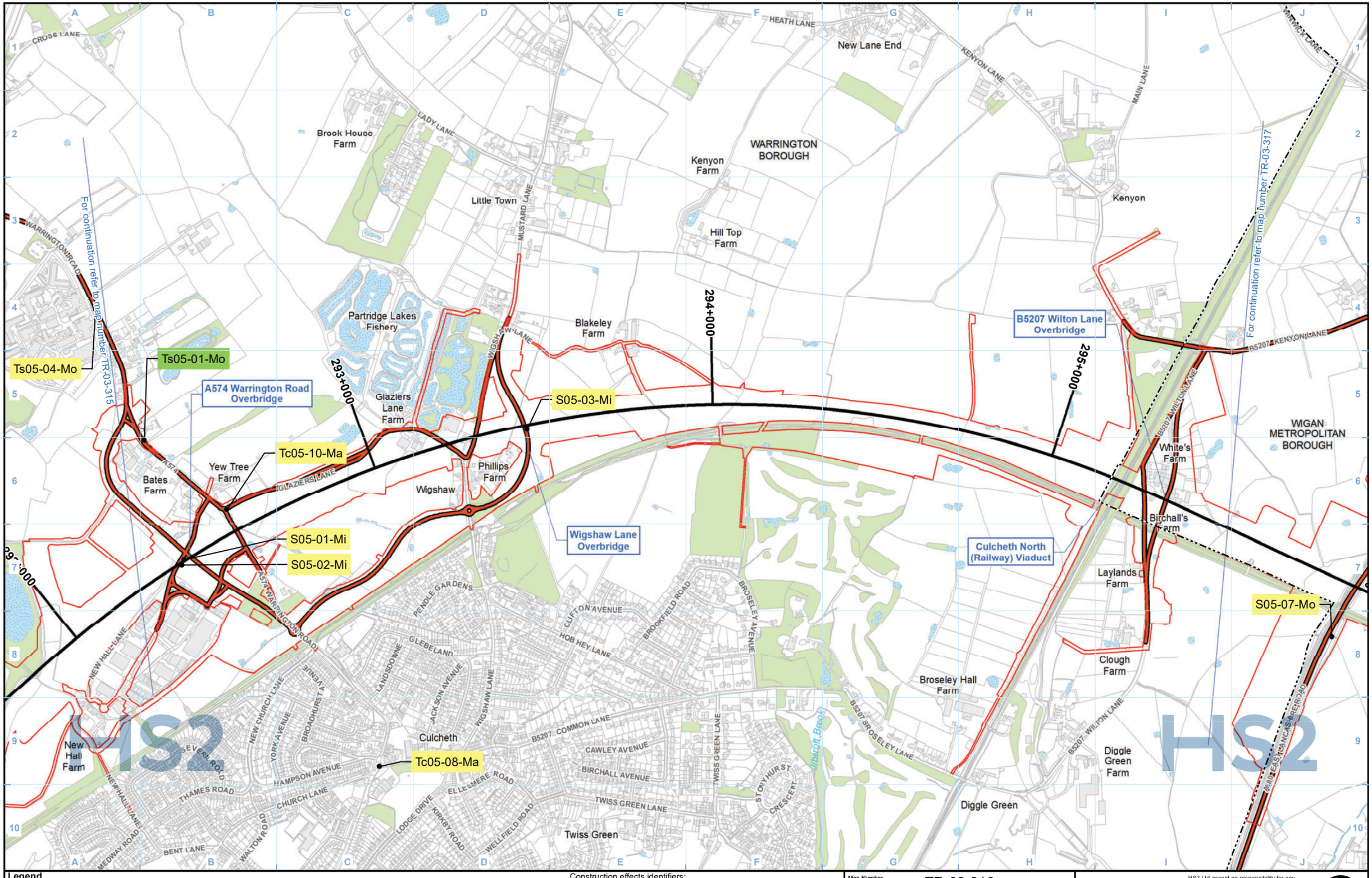

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-316

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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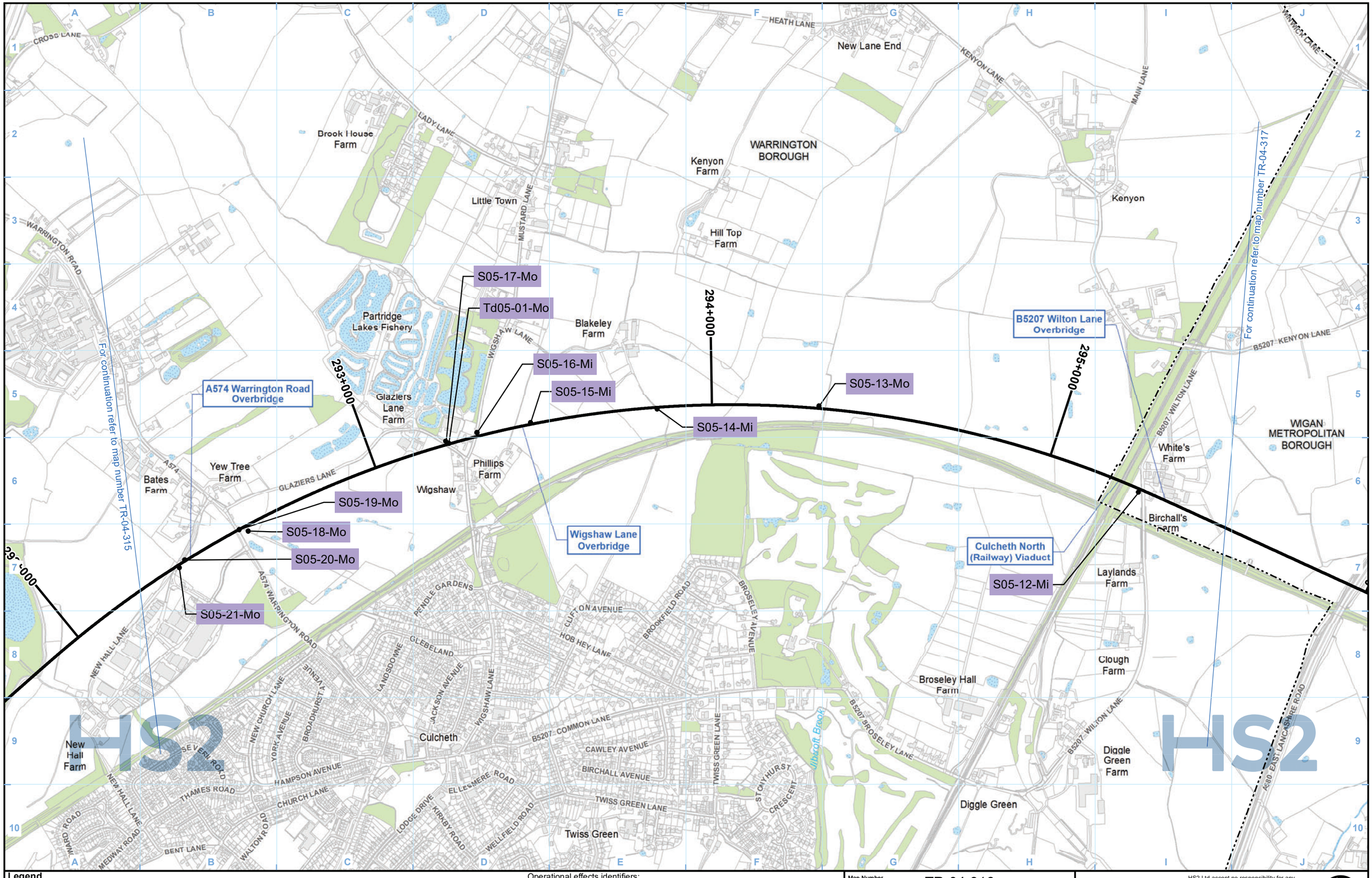

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- PT01-01: CA Number
- Mi: Effect Level
- 38: Forecast Year
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-316

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA05: Risley to Bamfurlong

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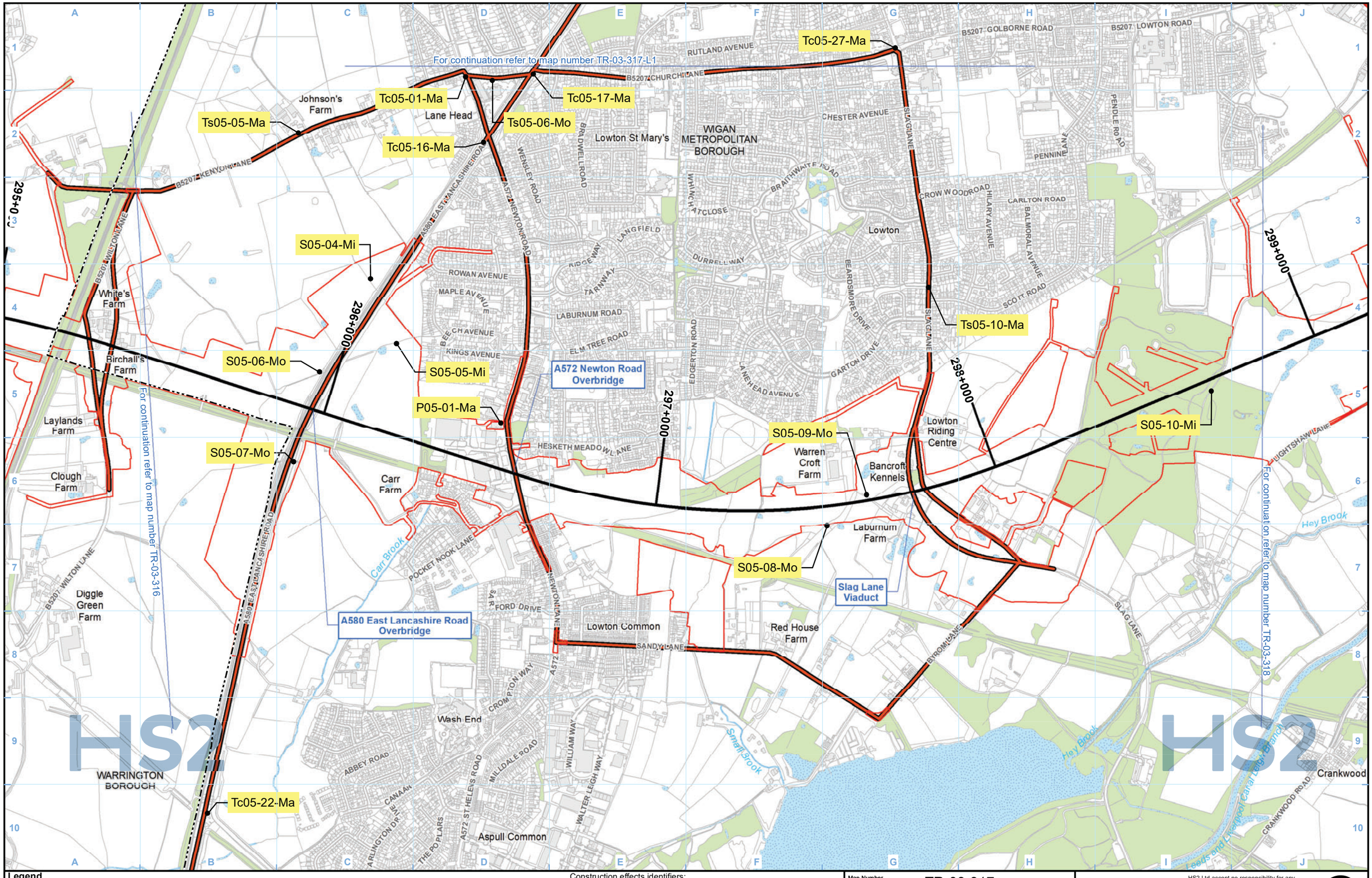

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-317

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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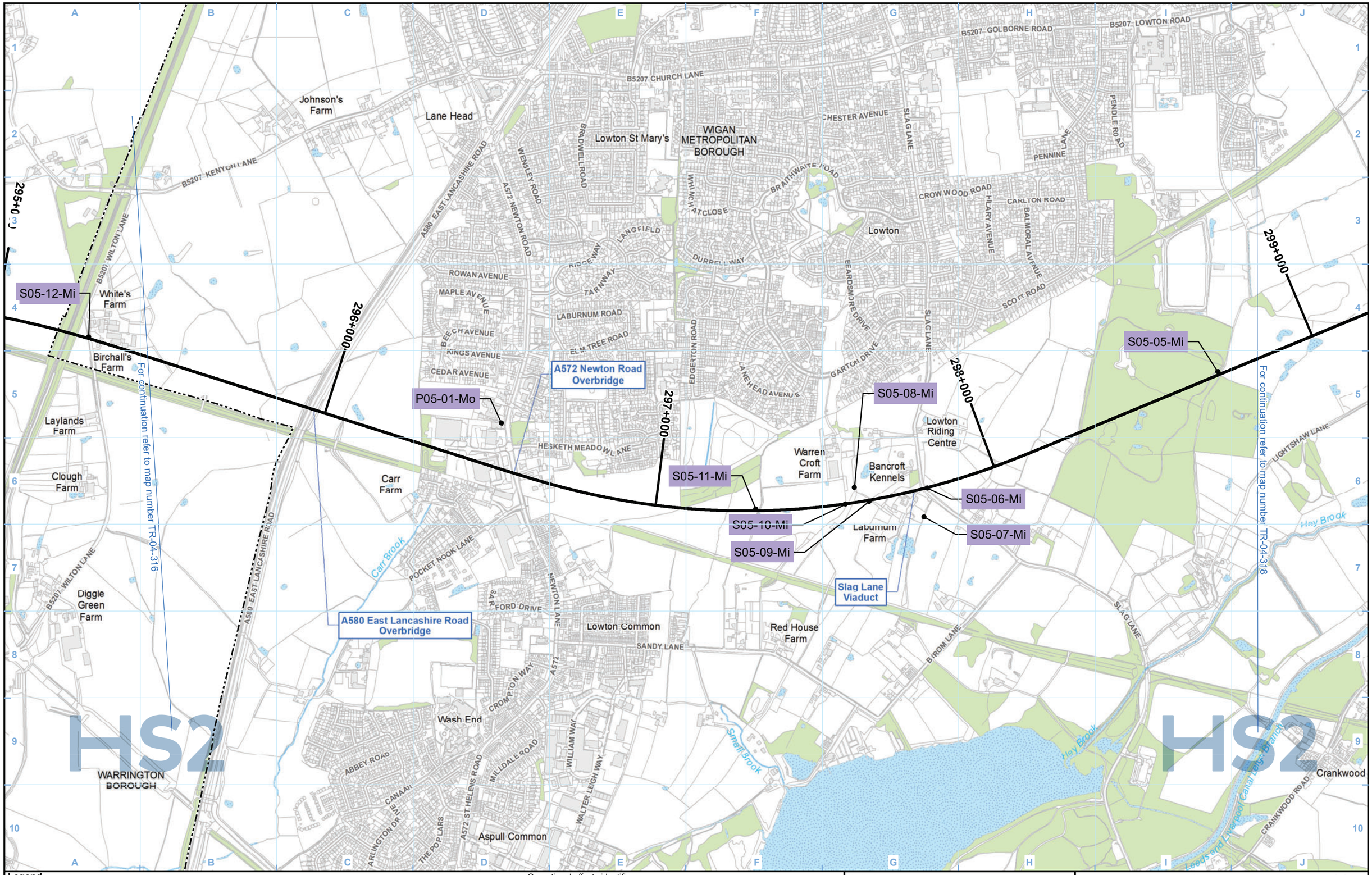

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-317

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA05: Risley to Bamfurlong

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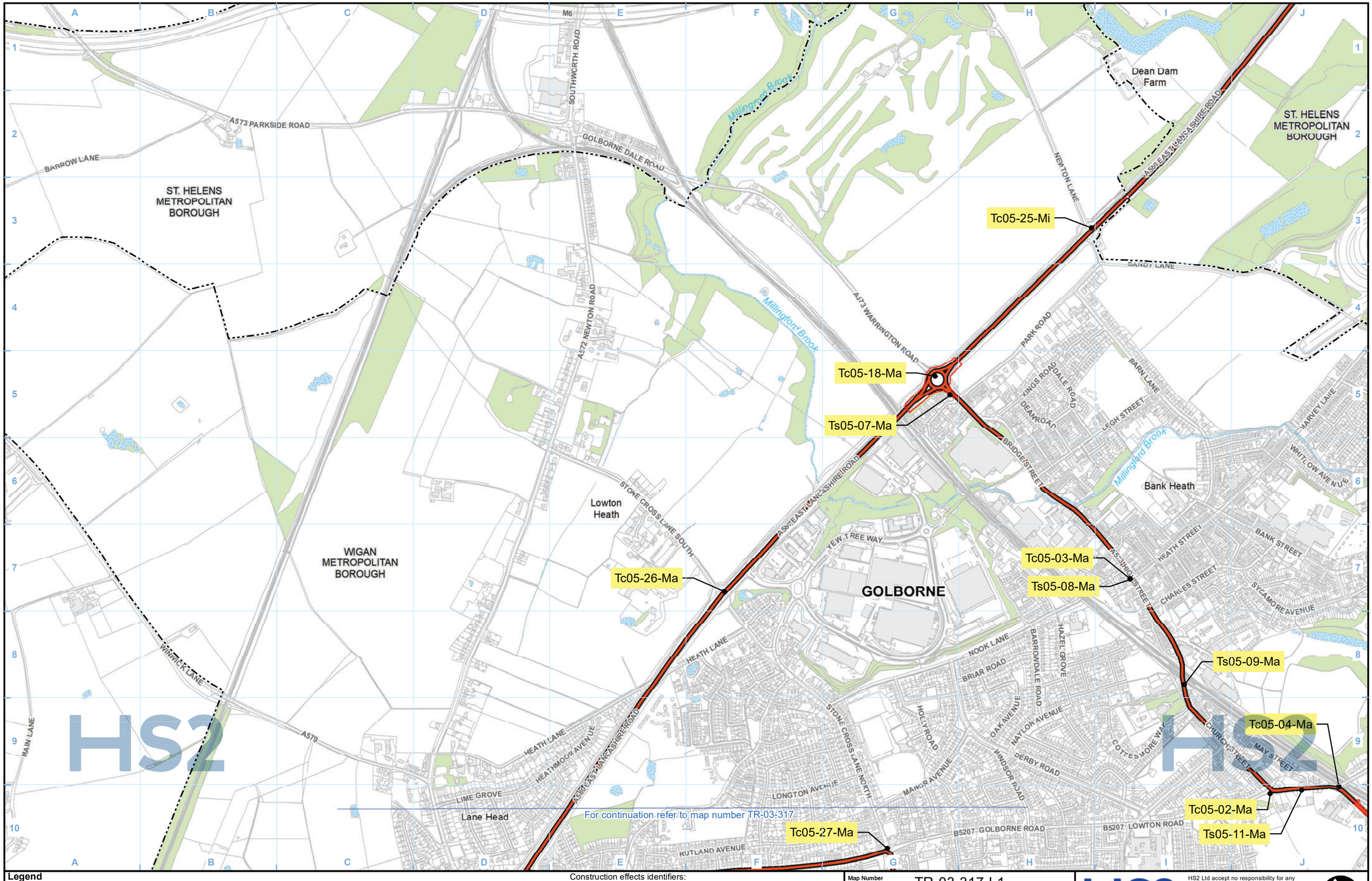

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
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- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-317-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002731-P01

Date: 08/09/21

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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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma
- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-317-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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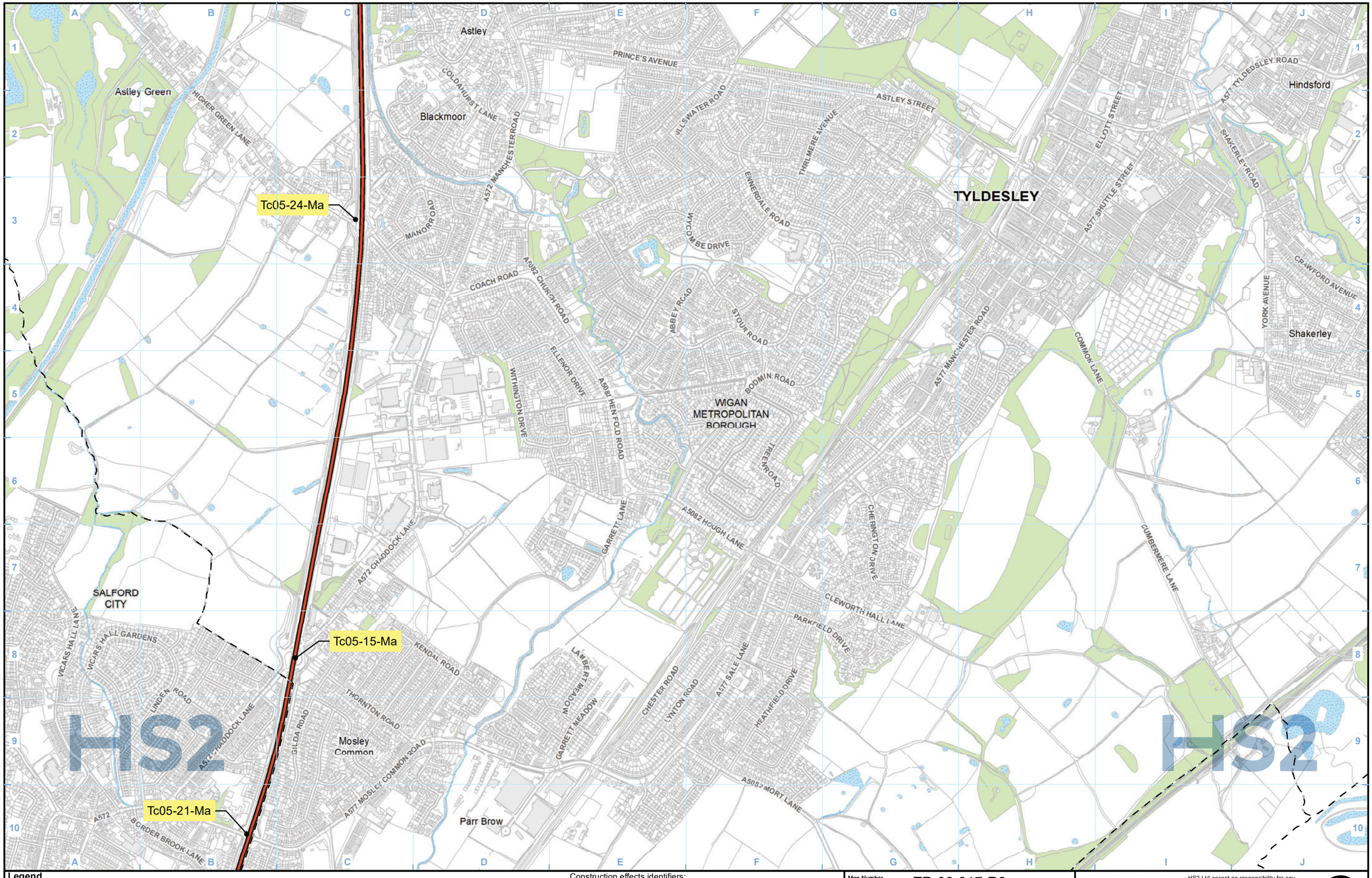

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-317-R2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003723-P01

Date: 08/09/21

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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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-317-R3

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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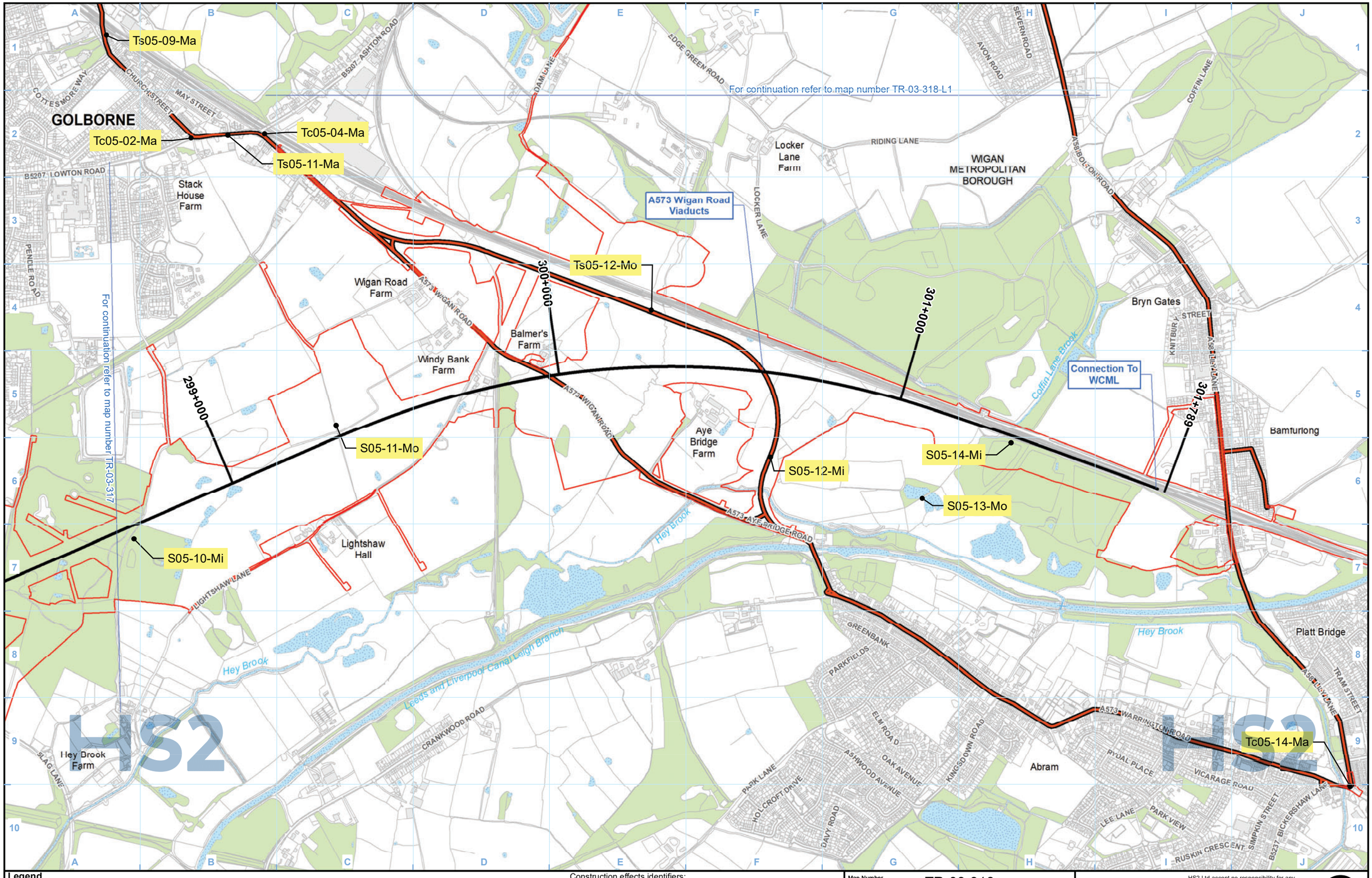

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-318

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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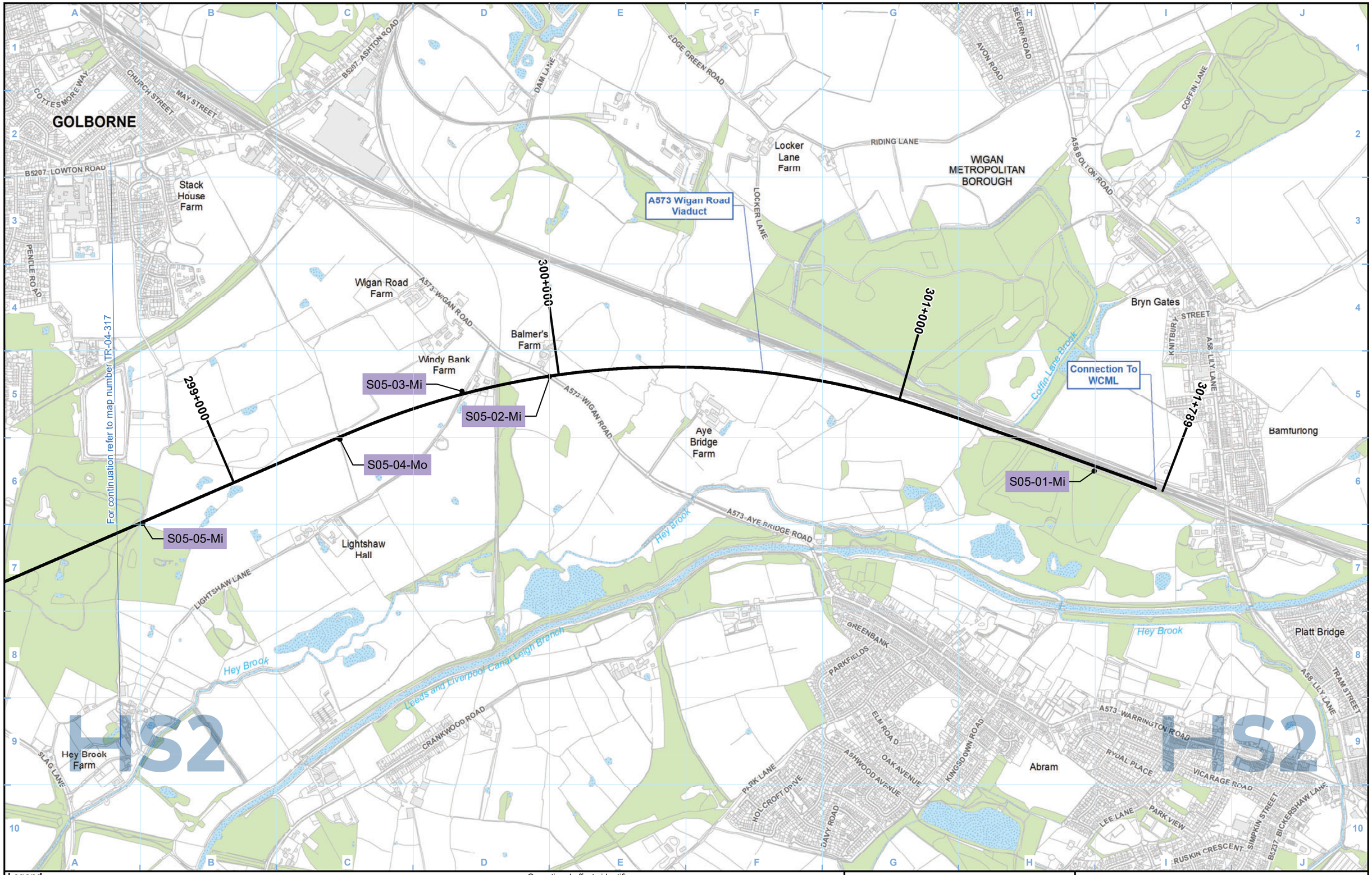

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- CA Number
- Identifier - see across
- Forecast Year
- Effect Level
- Feature Number

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-318

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA05: Risley to Bamfurlong

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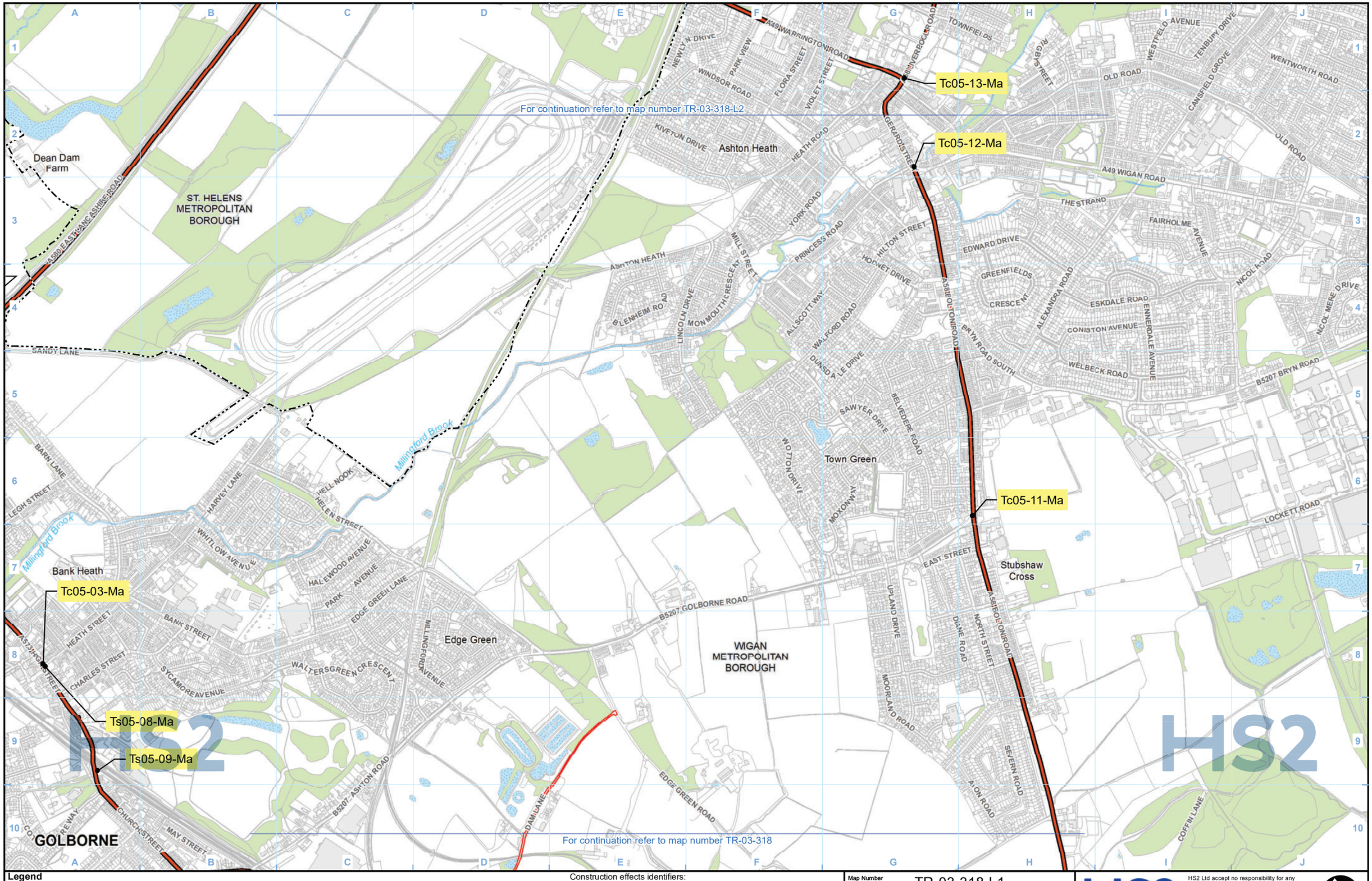

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-318-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05:
Risley to Bamfurlong

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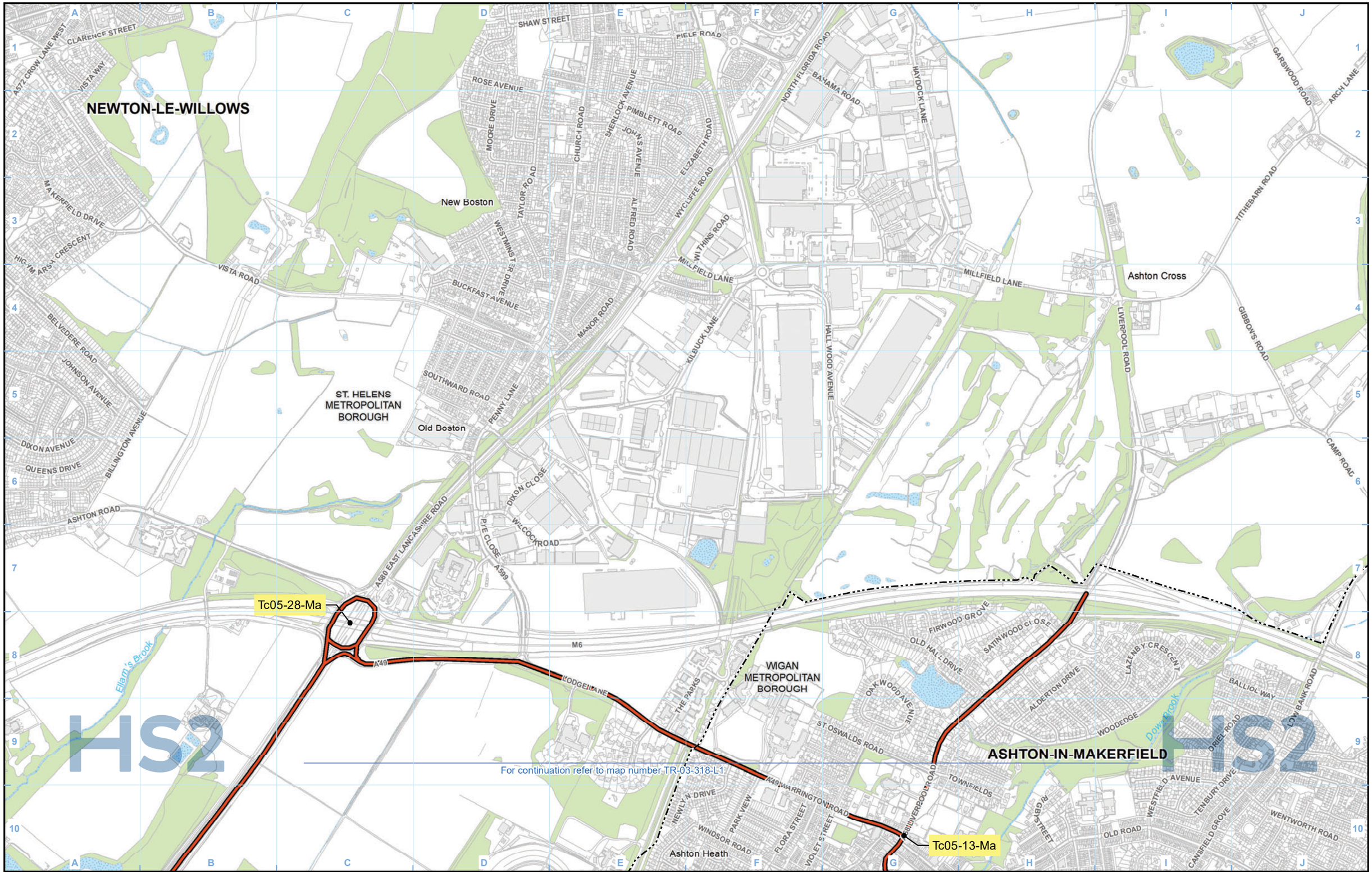

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-318-L2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA05: Risley to Bamfurlong

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Scale at A3: 1:10,000

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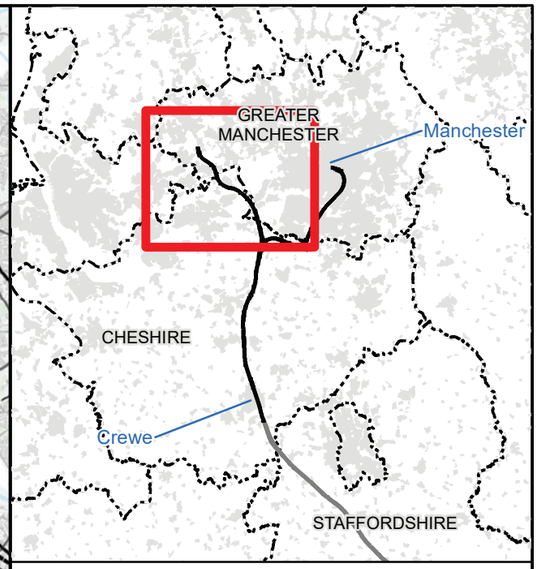

Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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	TR-08-INDEX-MA05
Map Name	Index Map of: Construction Routes to the Strategic Network
	Community Area MA05: Risley to Bamfurlong

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002239-P01

Date: 05/08/21

For Continuation Refer To TR-08-310-R1

METRES @ 1:25000 — 0 200 500 1000 2500

A572 Newton Road Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years 6 months
Duration of busy movements (months)	2
Peak daily vehicles - Cars & LGV	163-198
Peak daily vehicles - HGV	58-72

A580 East Lancashire Road Main Compound	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	8
Peak daily vehicles - Cars & LGV	262-378
Peak daily vehicles - HGV	86-110

A580 East Lancashire Road Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years 3 months
Duration of busy movements (months)	4
Peak daily vehicles - Cars & LGV	150-184
Peak daily vehicles - HGV	50-78

B5207 Wilton Lane Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	155-218
Peak daily vehicles - HGV	70-102

Liverpool to Manchester Railway North Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	3 years and 9 months	
Duration of busy movements (months)	4	
Peak daily vehicles - Cars & LGV	178-238	
Peak daily vehicles - HGV	37-46	

Liverpool to Manchester Railway South Satellite Compound	
Start date	2027 Q2
Duration of active use	2 years and 6 months
Duration of busy movements (months)	9
Peak daily vehicles - Cars & LGV	191-222
Peak daily vehicles - HGV	53-76

A574 Warrington Road Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years and 9 months
Duration of busy movements (months)	14
Peak daily vehicles - Cars & LGV	175-276
Peak daily vehicles - HGV	104-142

M62 West Viaduct North Satellite Compound		
Start date	2027 Q4	Rail Systems and Civils
Duration of active use	4 years 9 months	
Duration of busy movements (months)	6	
Peak daily vehicles - Cars & LGV	308-440	
Peak daily vehicles - HGV	454-496	

M62 West Viaduct South Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 3 months
Duration of busy movements (months)	12
Peak daily vehicles - Cars & LGV	244-320
Peak daily vehicles - HGV	435-502

A580 East Lancashire Road

ML 296+000

B5207 Kenyon Lane

B5207 Wilton Lane

ML 294+000

A574 Warrington Road

ML 292+000

M62 Junction 11

A574 Birchwood Way

ML 290+000

MA05 Risley to Bamfurlong

MA04 Broomedge to Glazebrook

For Continuation Refer To TR-08-309-R1

For Continuation Refer To TR-08-310

For Continuation Refer To TR-08-308

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number: TR-08-309

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA05 Risley to Bamfurlong

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Doc Number: 2DE01-MWJ-TM-DPL-M002-309000 P03 **Date:** 25/06/21

METRES @ 1:25000 0 200 500 1000 2500

M60 Junction 11

Western Gateway Infrastructure Scheme

A57 Liverpool Road

Western Gateway Infrastructure Scheme - Junction 10 Link (Proposed)

M60 Junction 10

For Continuation Refer To TR-08-309

A57 Cadishead Way

M60 Junction 8

A6144 Carrington Spur

A6144 Carrington Lane

For Continuation Refer To TR-08-308

HS2

HS2

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number: TR-08-309-R1

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA05 Risley to Bamfurlong

HS2

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Doc Number: 2DE01-MWJ-TM-DPL-M002-309201 P04 **Date:** 28/07/21

METRES @ 1:25000 — 0 200 500 1000 2500

Winstanley Road Satellite Compound		
Start date	2029 Q1	Rail
Duration of active use	2 years and 6 months	
Duration of busy movements (months)	10	
Peak daily vehicles - Cars & LGV	122-122	
Peak daily vehicles - HGV	4-4	

Bamfurlong Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	6 years	
Duraton of busy movements (months)	3	
Peak daily vehicles - Cars & LGV	294-412	
Peak daily vehicles - HGV	125-176	

A573 Wigan Road Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 6 months
Duntion of busy movements (months)	8
Peakdaily vehicles - Cars & LGV	253-352
Peak daily vehicles - HGV	358-472

Slag Lane Satellite Compound	
Start date	2027 Q4
Duration of active use	3 years and 9 months
Duration of busy movements (months)	9
Peak daily vehicles - Cars & LGV	240-334
Peak daily vehicles - HGV	129-182

Golborne Satellite Compound		
Start date	2029 Q1	Rail
Durationof active use	2 years and 6 months	
Duration of busy movements (months)	10	
Peak daily vehicles - Cars & LGV	122-122	
Peak dailyvehicles - HGV	4-4	

A572 Newton Road Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years 6 months
Durition of busy movements (months)	2
Peakdaily vehicles - Cars & LGV	163-198
Peak daily vehicles - HGV	58-72

A580 East Lancashire Road Main Compound	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	8
Peak daily vehicles - Cars & LGV	262-378
Peak daily vehicles - HGV	86-110

A580 East Lancashire Road Satellite Compound	
Start date	2027 Q2
Duration of active use	3 years 3 months
Duration of busy movements (months)	4
Peak daily vehicles - Cars & LGV	150-184
Peak daily vehicles - HGV	50-78

For Continuation Refer To TR-08-309

M6 Junction 24
A58 Liverpool Road
A49 Warrington Road
M6
M6 Junction 23
A58 Bolton Road
A58 Lily Lane
ML 301+810
ML 300+000
A573 Wigan Road
A580 East Lancashire Road
Byrom Lane
Slag Lane
Sandy Lane
ML 298+000
B5207 Church Lane
A572 Newton Road
ML 296+000
B5207 Kenyon Lane

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number: TR-08-310

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA05 Risley to Bamfurlong

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A580 East Lancashire Road

A575 Walkden Road

M60 Junction 14

M60 Junction 13

For Continuation Refer To TR-08-309

HS2

HS2

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

Map Number
TR-08-310-R1

Map Name
Construction Routes to the Strategic Road Network

Community Area
MA05 Risley to Bamfurlong

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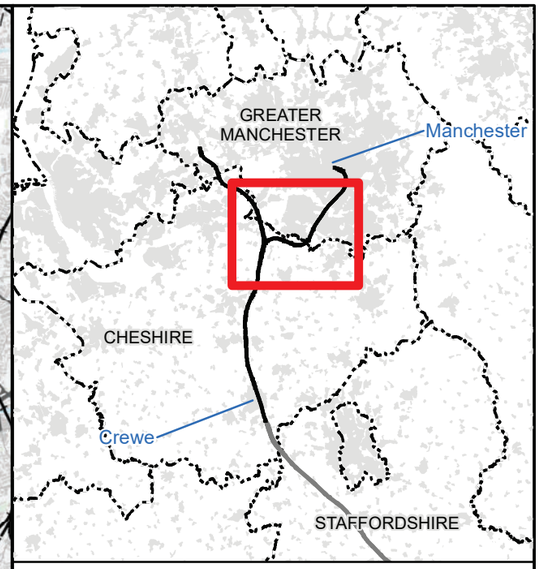
HS2

High Speed Rail (Crewe – Manchester) Environmental Statement

MA06: Hulseheath to Manchester Airport

TR-01 - Station Impacts (Operational)
TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes
TR-04 - Significant Residual Transport Effects Arising from Operation
TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the modal station access and facilities at HS2 station buildings once the new/enhanced stations are operational. This includes station building access, pedestrian links, cycle links and parking, bus links (including bus stops), links to classic rail and Local Underground, taxi access and ranks, and car parking.

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

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: TR-01-INDEX-MA06

Map Name: Index Map of: Station Impacts (Operational)

Community Area MA06: Hulseheath to Manchester Airport

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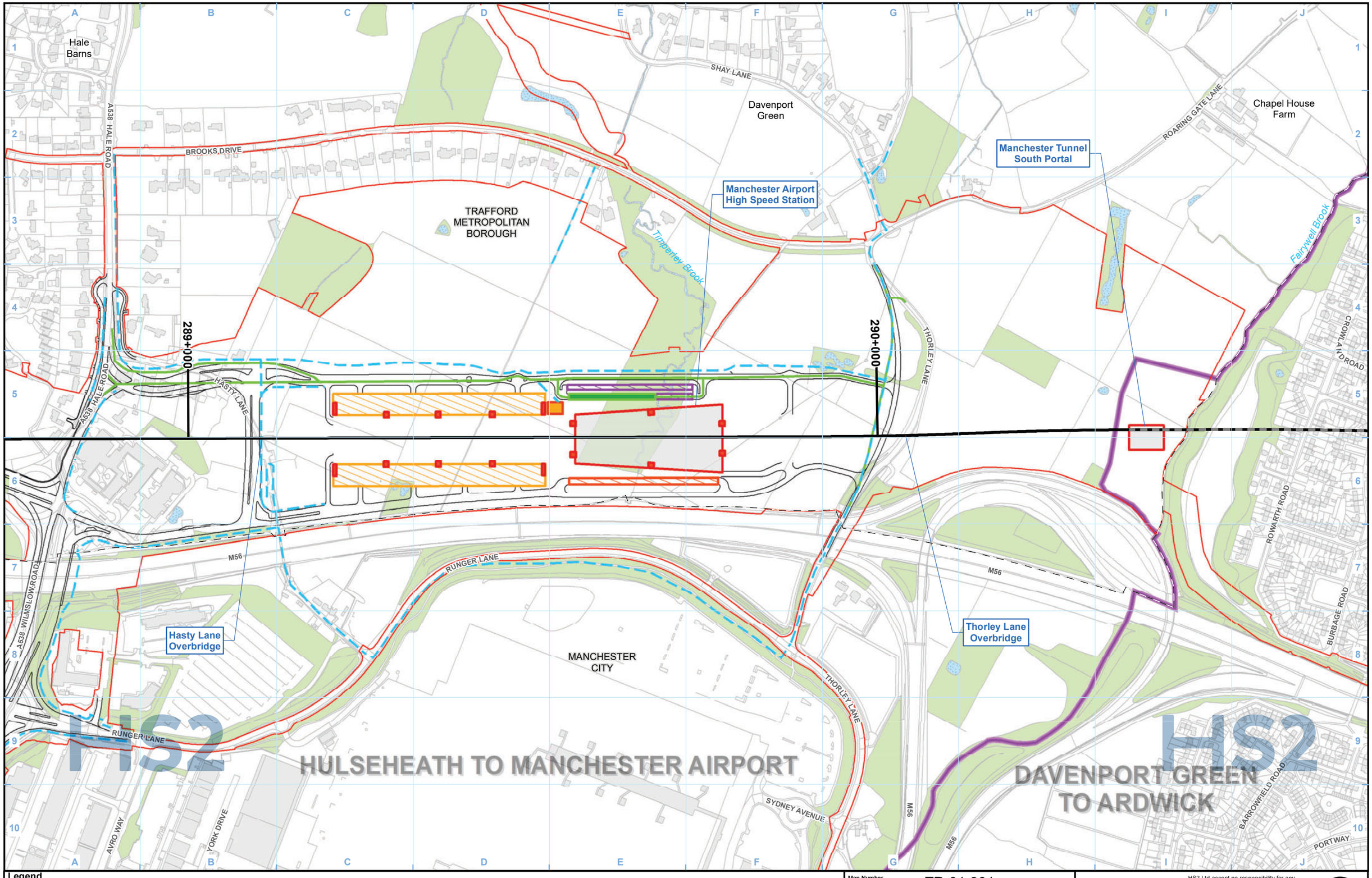
Date: 05/08/21



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
- HS2 engineering design
- Cycle parking
- Bus and or coach stops
- Station access points
- Potential bus links
- Link to classic rail
- Pedestrian and cycle links
- Taxi ranks
- Kiss and ride
- Car parks

Map Number TR-01-301

Map Name

Station Impacts (Operational)

Community Area MA06:
Hulseheath to Manchester Airport

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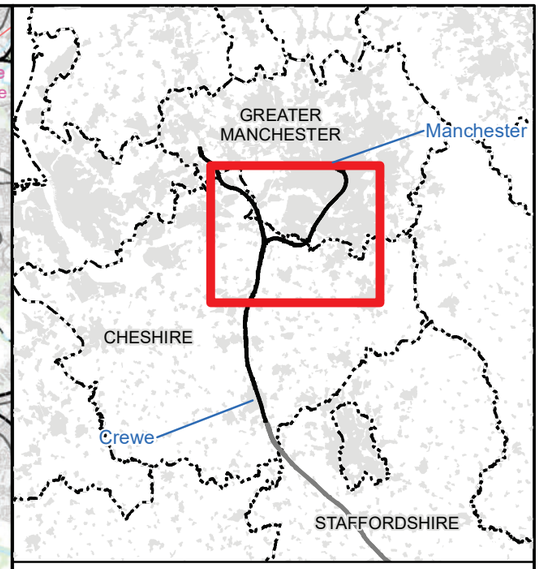
Date: 07/09/21



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-03-INDEX-MA06

Map Name: Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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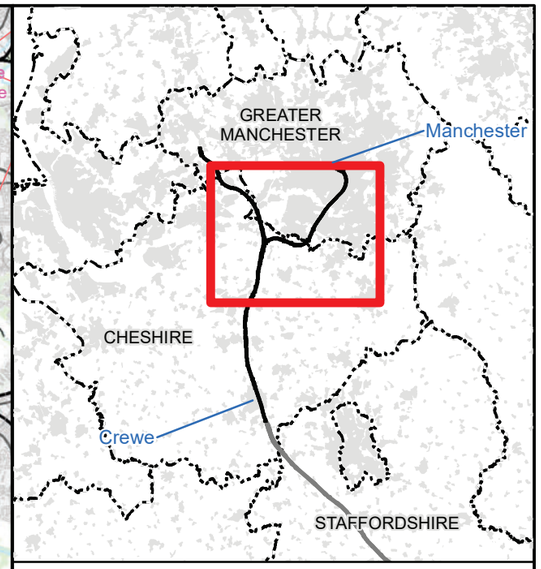

Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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	TR-04-INDEX-MA06
Map Name	Index Map of: Significant Residual Transport Effects Arising from Operation
	Community Area MA06: Hulseheath to Manchester Airport

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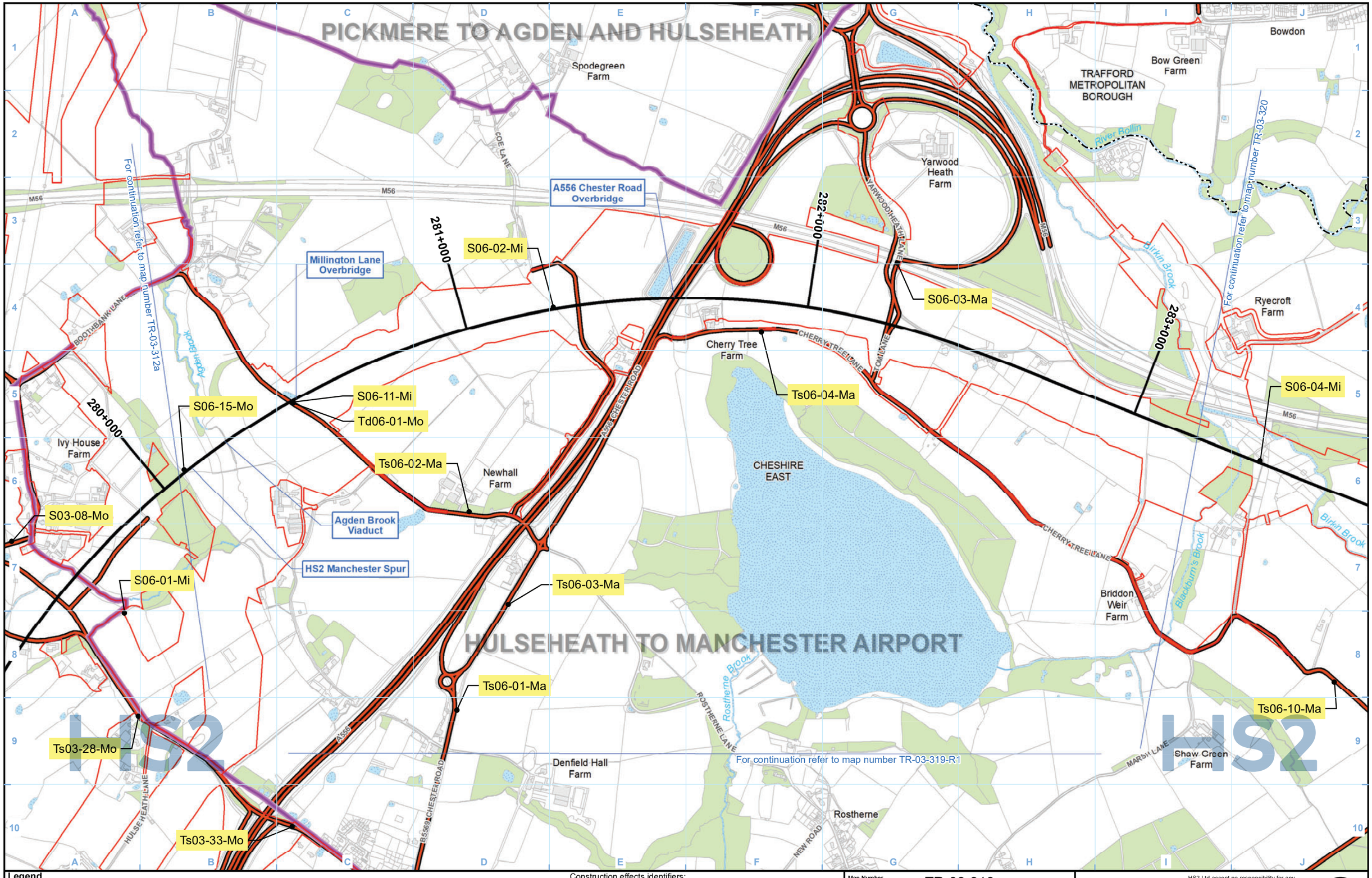
Doc Number: 2DE01-MWJ-EV-MAP-M000-002229-P01

Date: 07/09/21

PICKMERE TO AGDEN AND HULSEHEATH



HULSEHEATH TO MANCHESTER AIRPORT

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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-319

Map Name Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002165-P01

Date: 07/09/21

PICKMERE TO AGDEN AND HULSEHEATH

Ts03-16-Ma-46
Ts03-15-Mo-38
Spodegreen Farm
COE LANE
M56
A556 Chester Road Overbridge
281+000
282+000
283+000
Millington Lane Overbridge
For continuation refer to map number TR-04-312a
BOOTHBANK LANE
Agden Brook
S06-01-Mi
S06-04-Mi
S06-05-Mi
S06-06-Mo
280+000
Ivy House Farm
Agden Brook Viaduct
Newhall Farm
A556 CHESTER ROAD
Cherry Tree Farm
CHERRY TREE LANE
TOM LANE
YARWOOD HEATH LANE
Yarwood Heath Farm
TRAFFORD METROPOLITAN BOROUGH
Bow Green Farm
Bowdon
River Bollin
Birkin Brook
Ryecroft Farm
For continuation refer to map number TR-04-320
CHESHIRE EAST
S06-03-Mi
HS2 Manchester Spur
S06-02-Mi
Briddon Weir Farm
Blackburn's Brook
HULSEHEATH TO MANCHESTER AIRPORT
Rostherne Brook
ROSTHERNE LANE
A556
B5569 CHESTER ROAD
HULSE HEATH LANE
Denfield Hall Farm
For continuation refer to map number TR-04-319-R1
NEW ROAD
Rostherne
MARSH LANE
Shaw Green Farm
HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-319

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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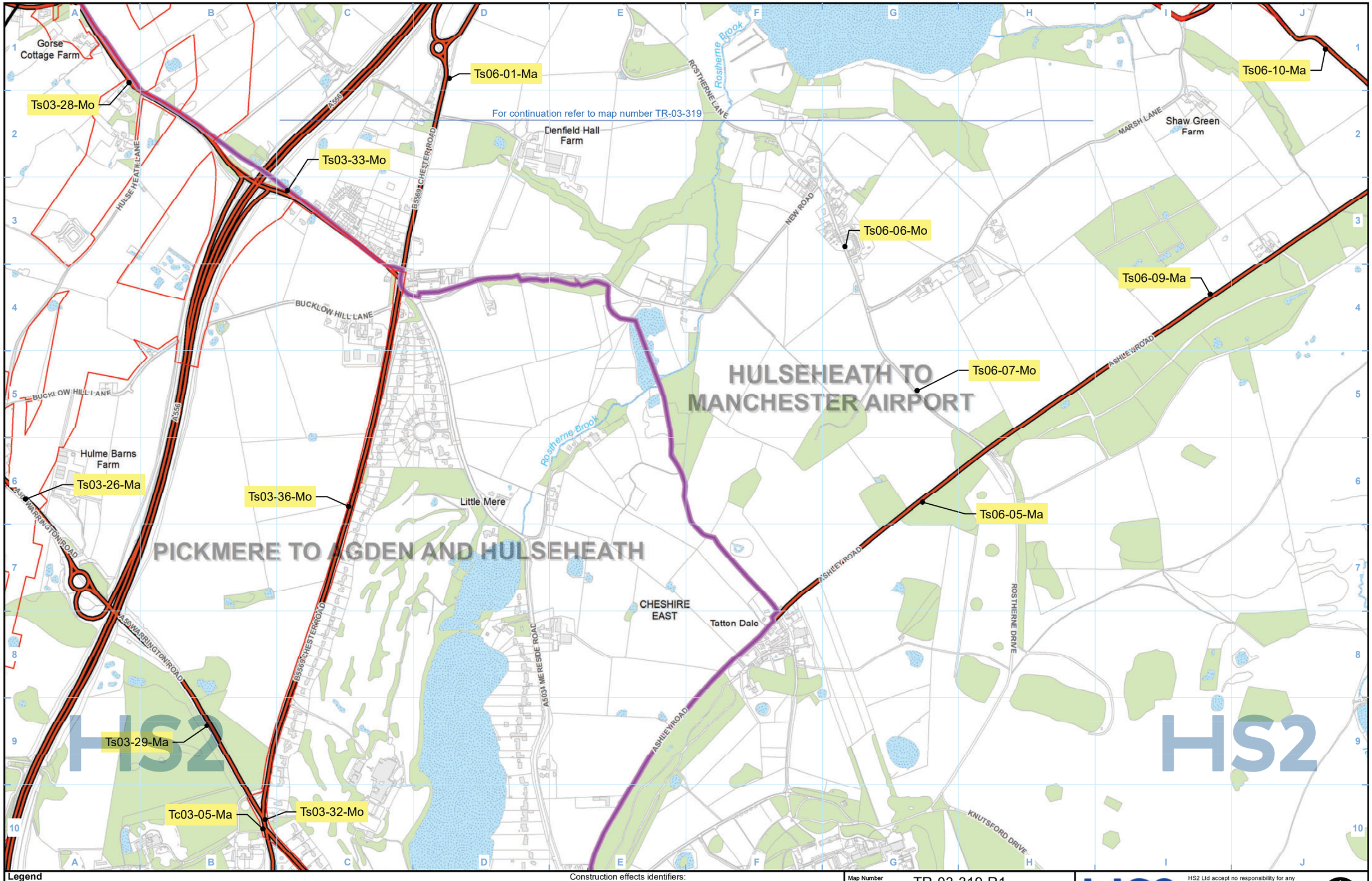
Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- PT: Identifier - see across
- 01: CA Number
- 01: Feature Number
- Ma: Effect Level

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-319-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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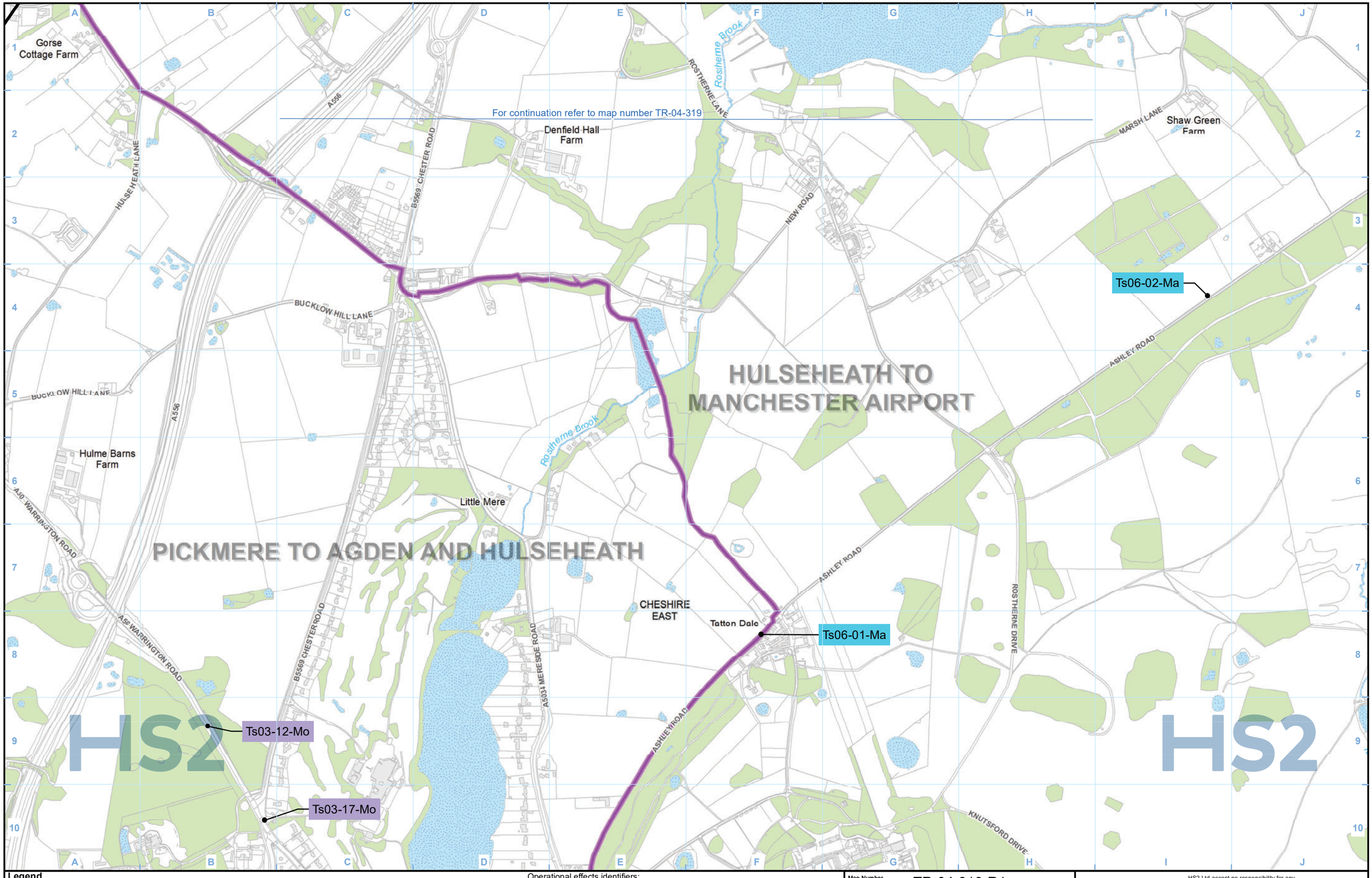

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-319-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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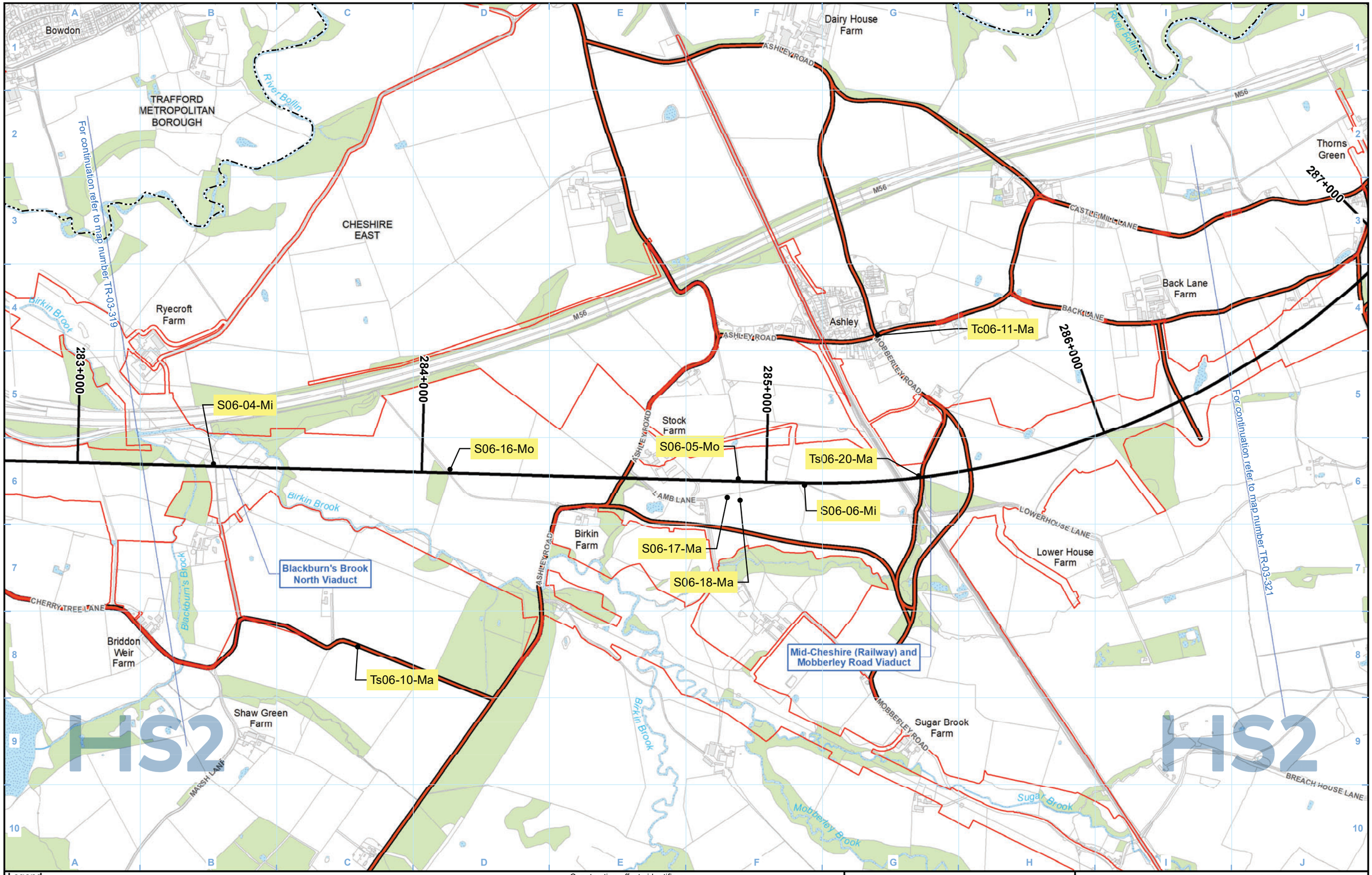
Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-320

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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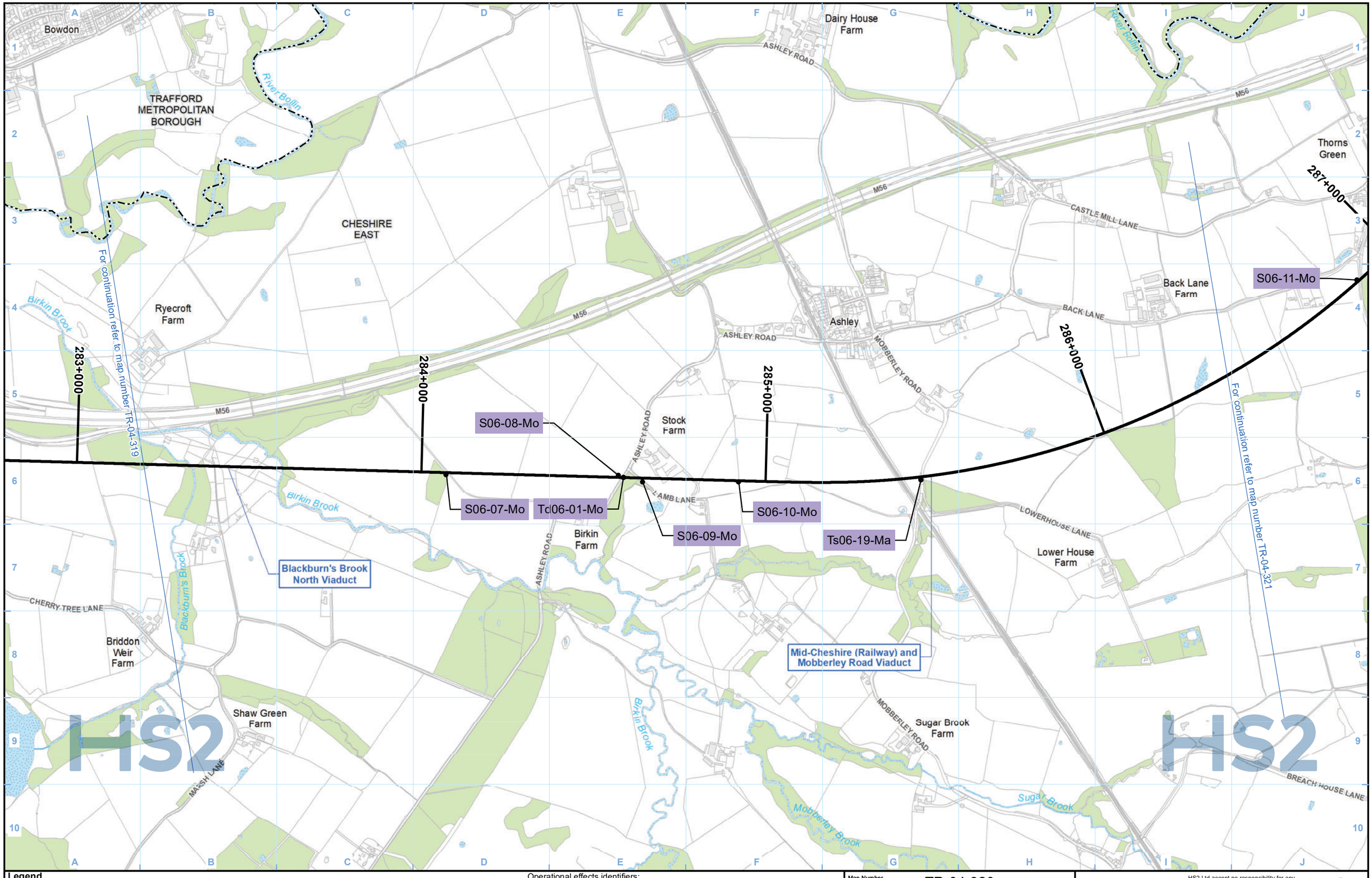

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-320

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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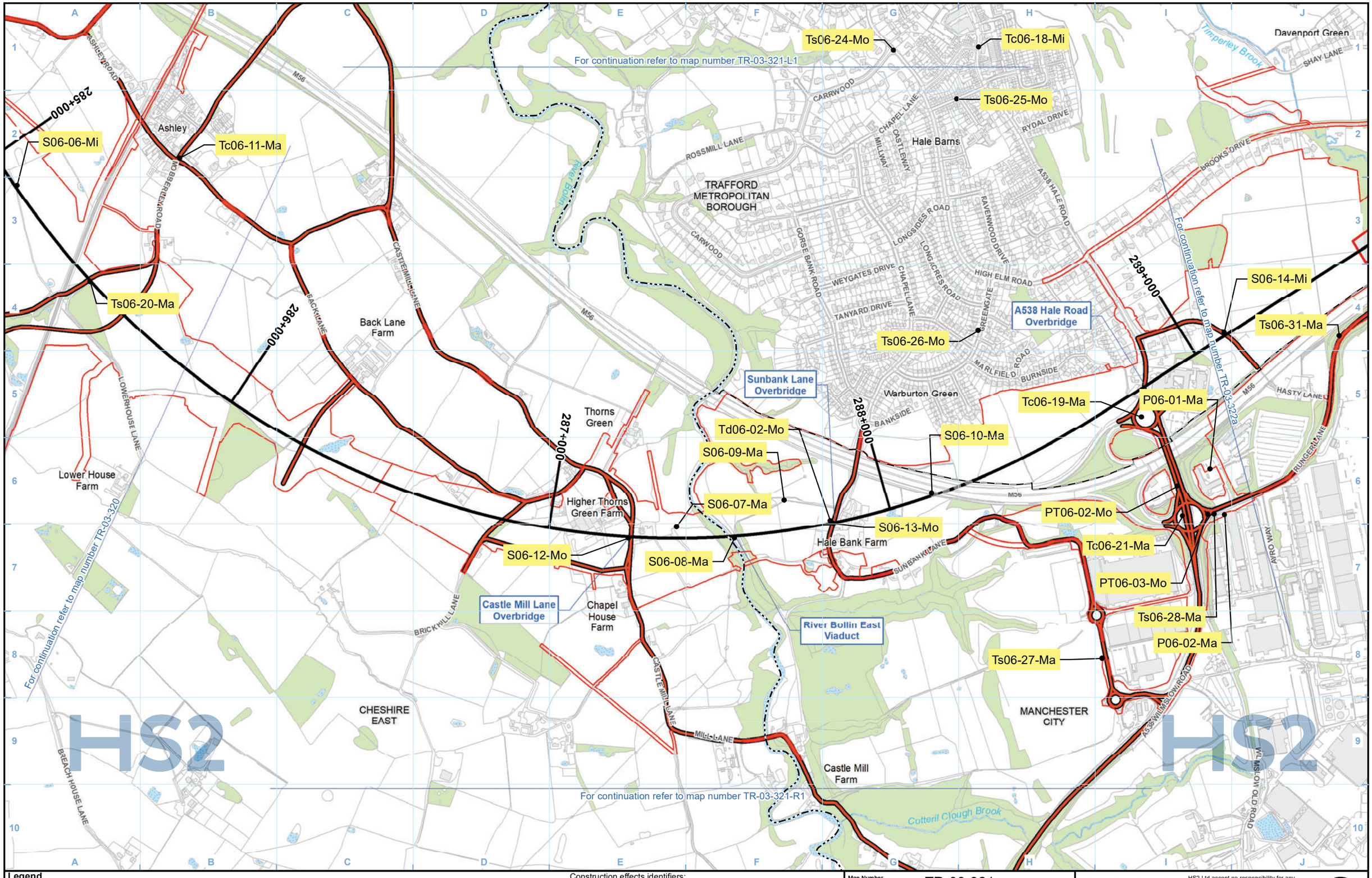

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-321

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06:
Hulseheath to Manchester Airport

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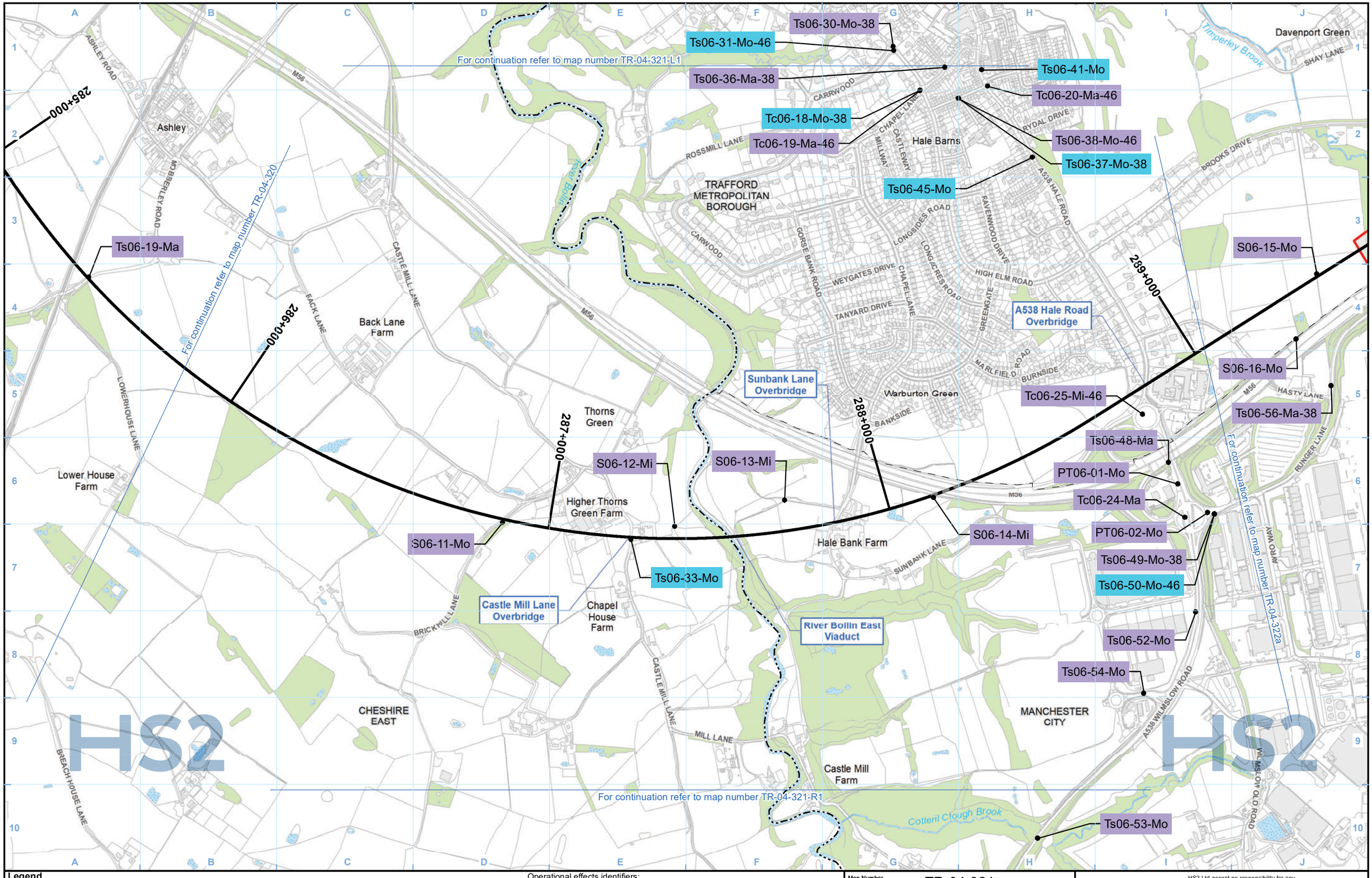

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38 (Identifier - see across; CA Number; Feature Number; Effect Level; Forecast Year)

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-321

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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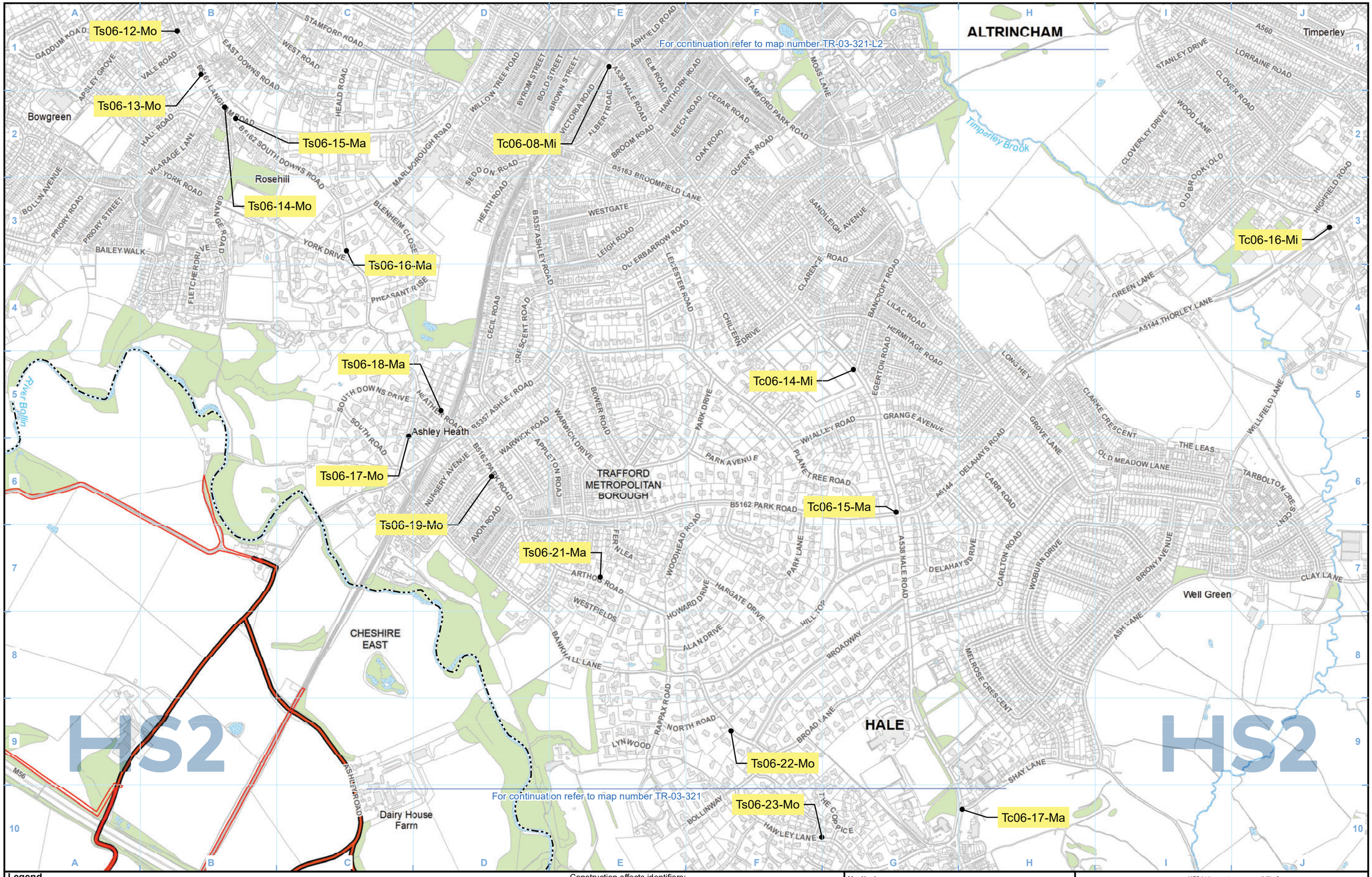

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-321-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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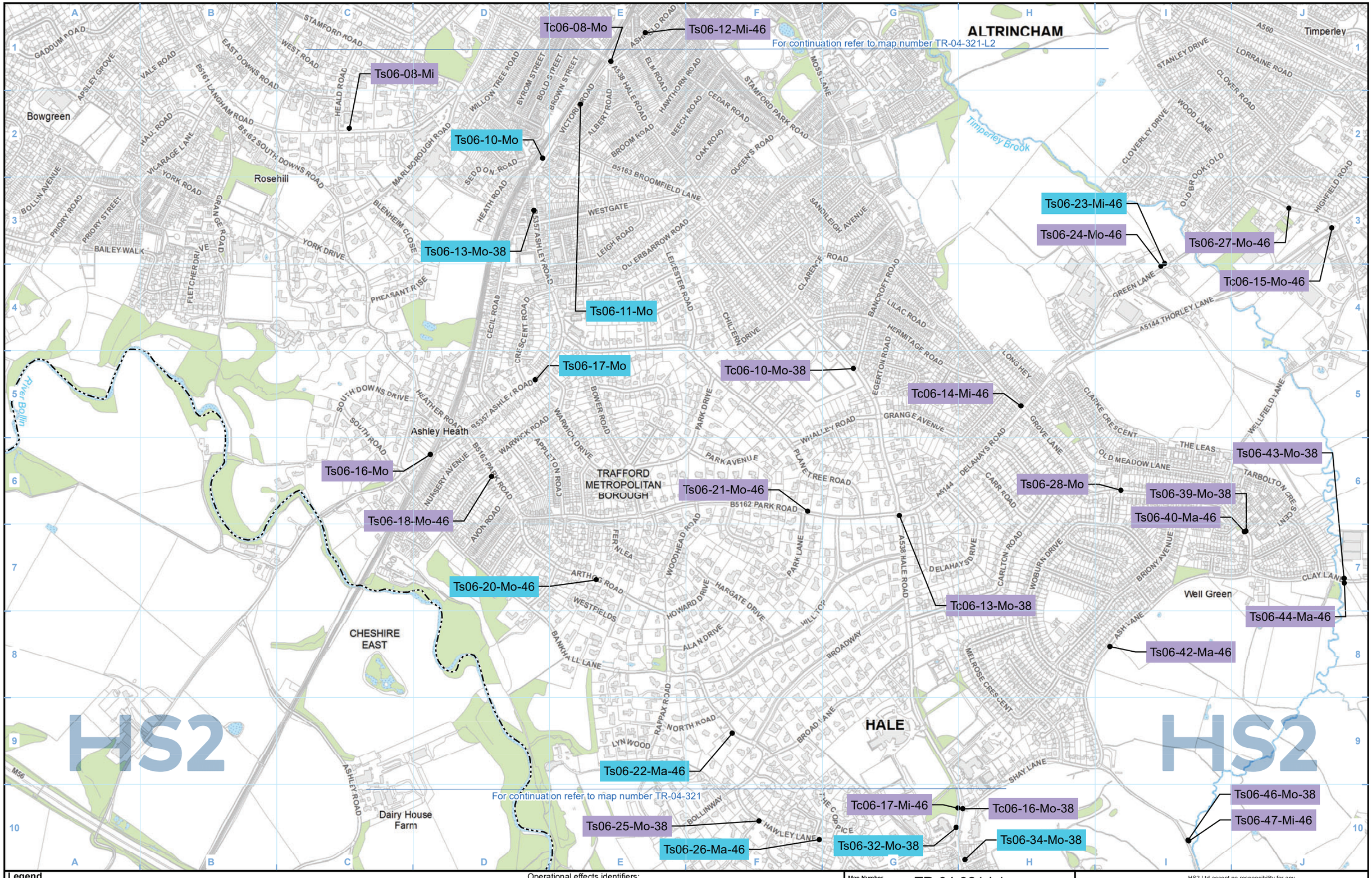

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-321-L1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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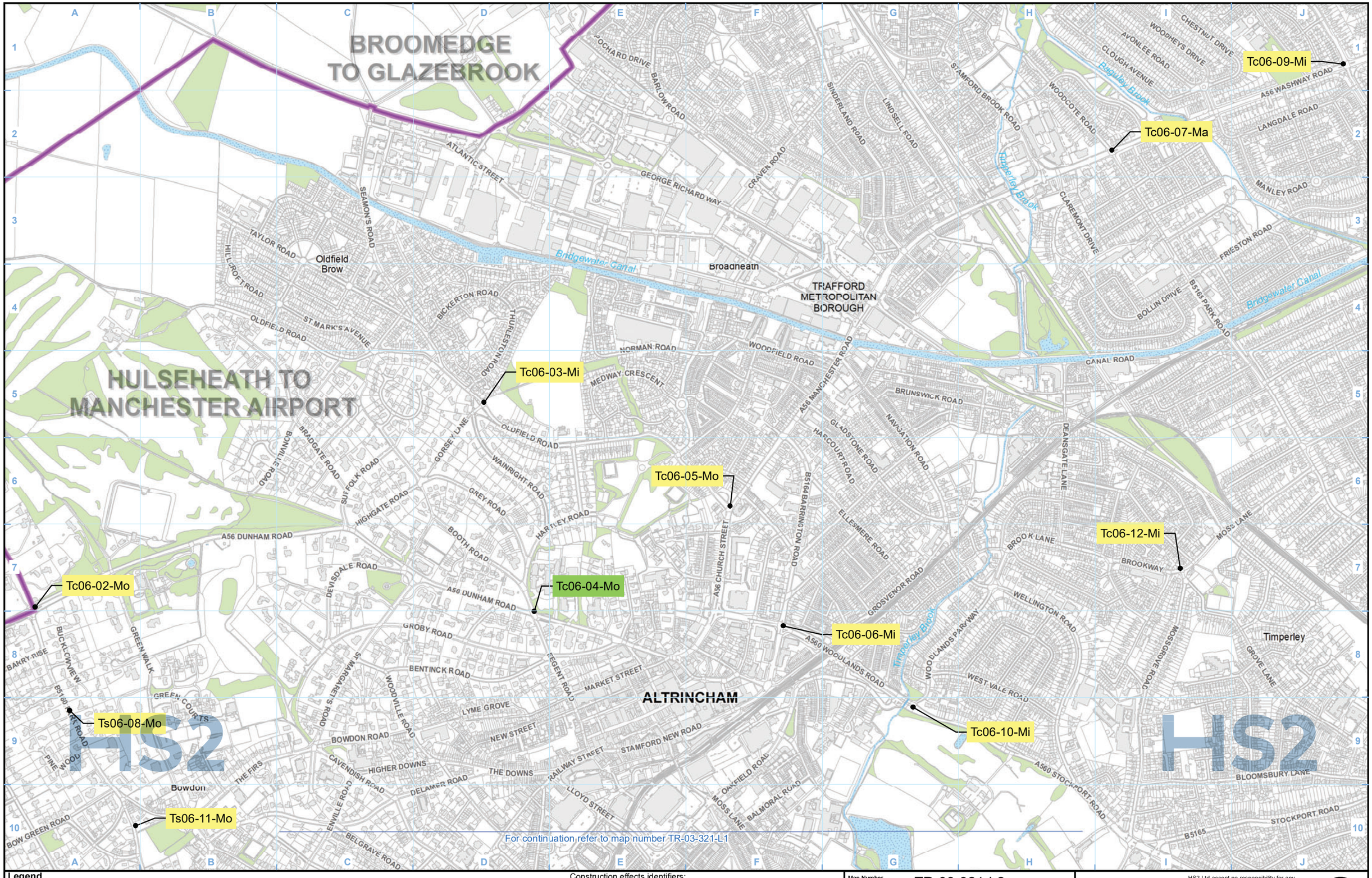

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-321-L2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06:
Hulseheath to Manchester Airport

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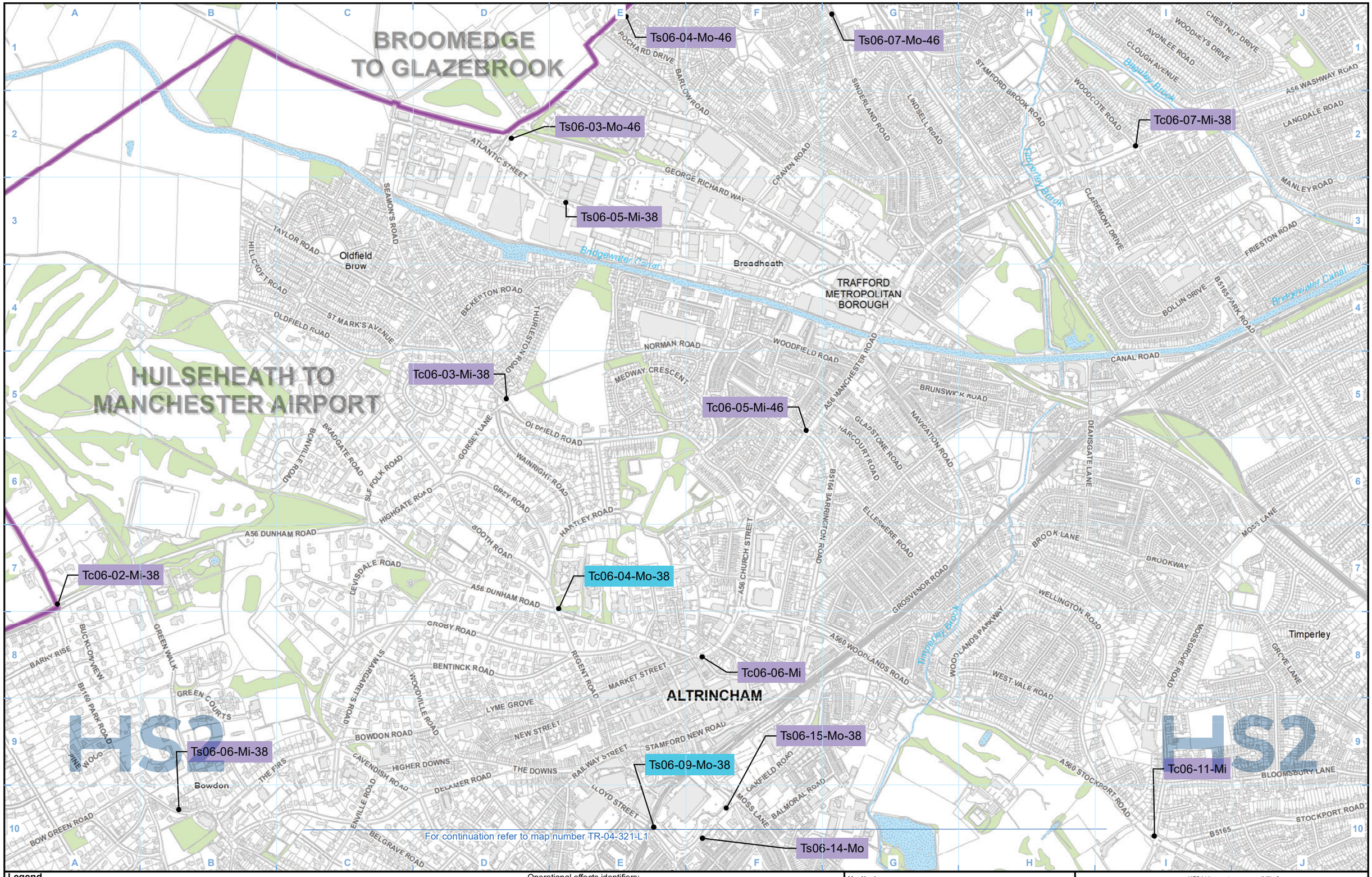

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-321-L2

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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Date: 08/09/21

Tc06-13-Mi

Tc07-01-Mi

Tc07-05-Mo

Ashton upon Mersey

SALE

TRAFFORD METROPOLITAN BOROUGH

Brocklands

DAVENPORT GREEN TO ARDWICK

MANCHESTER CITY

HULSEHEATH TO MANCHESTER AIRPORT

MOSS LANE
LANGLEY ROAD
THE AVENUE
CECIL AVENUE
A6144 HARBORO WAY
BARKER'S LANE
ASHTON LANE
WHITEFIELD ROAD
PARK ROAD
GROSVENOR ROAD
ATKINSON ROAD
PARK AVENUE
GLEBELANDS ROAD
M60
A5181
A56 CHESTER ROAD
River Mersey
A56 CROSS STREET
THORNHAM ROAD
OAKFIELD
A56 WASHWAY ROAD
ASHFIELD ROAD
SEFTON ROAD
SYMONS RODA
B5397 DANE ROAD
BRIARLANDS AVENUE
RAGLAN ROAD
URBAN ROAD
ROEBUCK LANE
Bridgewater Canal
WALTON ROAD
HOPE ROAD
WINSTANLEY ROAD
PRIORY ROAD
BROAD ROAD
B5166 NORTHENDEN ROAD
WOODBOURNE ROAD
BROOKLANDS ROAD
A6144 MARSLAND ROAD
WARDLE ROAD
Baguley Brook
WOODHOUSE LANE EAST
FRAMINGHAM ROAD
WHITEHALL ROAD
DERBY SHIRE ROAD
CLARENDON CRESCENT
CLARENDON ROAD
RAVENSTONE DRIVE
NORRIS ROAD
TEMPLE ROAD
CUMBERLAND ROAD
CRADDOCK ROAD
CONWAY ROAD
A6144 OLD HALL ROAD
RIFLE ROAD
Fairy Brook
Bollin Brook
River Mersey

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
Effect Level
Feature Number
CA Number
Identifier - see across

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
Tc - Traffic flows and delays to vehicle occupants
Td - Traffic diversion
Ts - Traffic severance - non-motorised users
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number: TR-03-321-L3

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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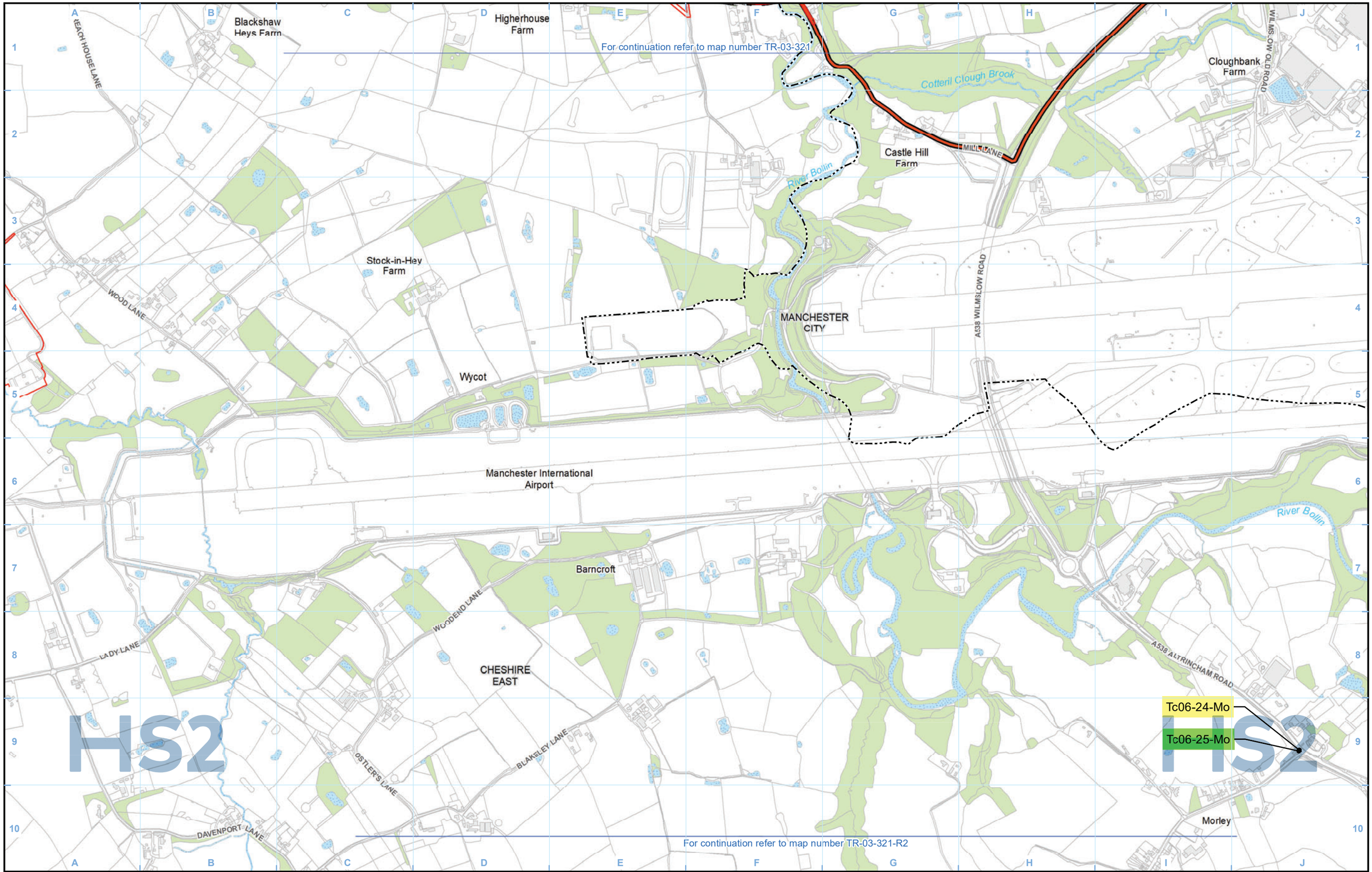

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-321-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-321-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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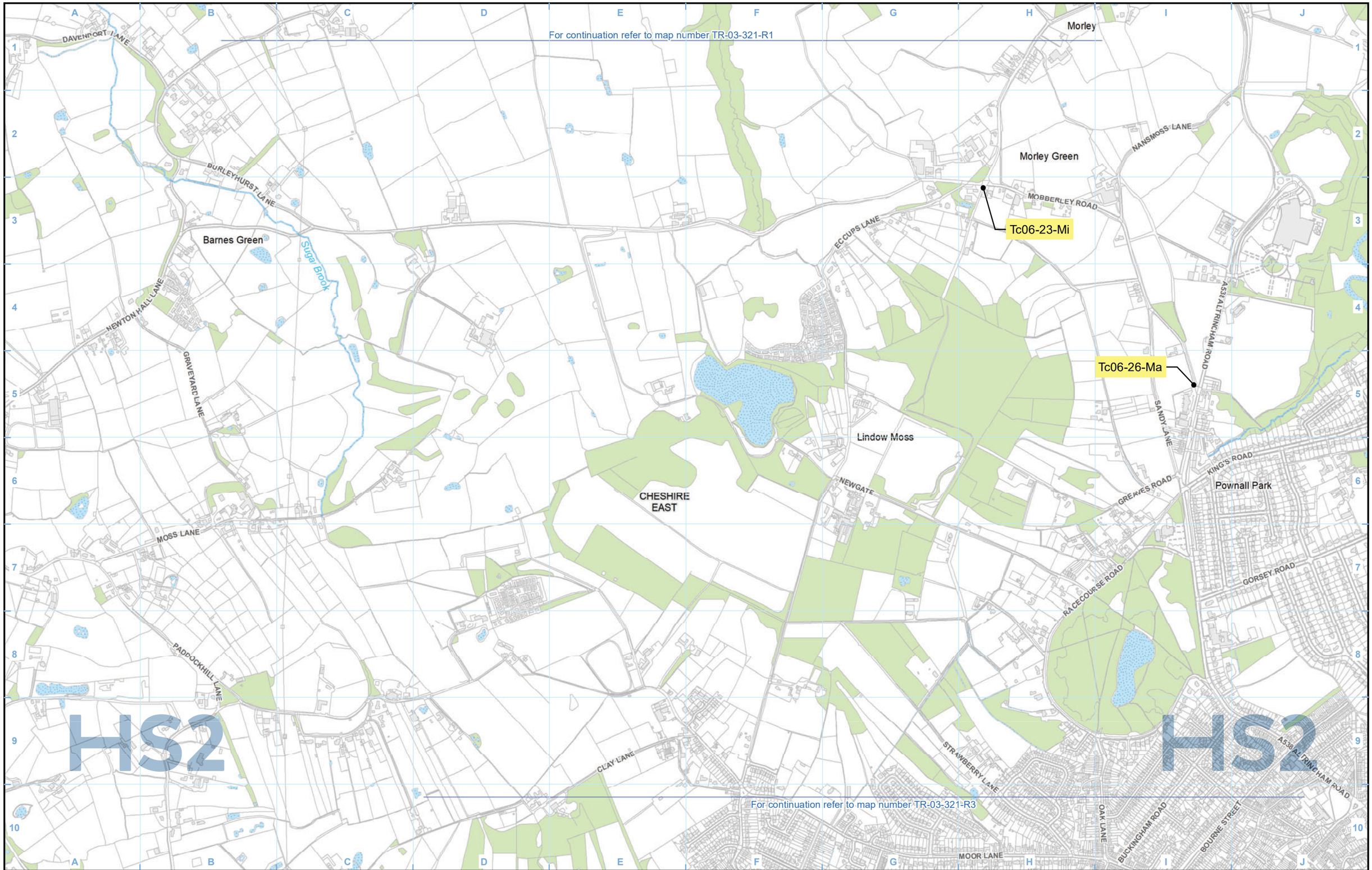

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- PT: Construction effects identifier
- 01: Effect Level
- 01: Feature Number
- Ma: CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-321-R2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06:
Hulseheath to Manchester Airport

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003727-P01

Date: 07/09/21

For continuation refer to map number TR-04-321-R1

For continuation refer to map number TR-04-321-R3

Tc06-34-Mi-38

DAVENPORT LANE
BURLEYHURST LANE
Barnes Green
Sugar Brook
NEWTON HALL LANE
GRAVEYARD LANE
MOSS LANE
PADDOCKHILL LANE
CLAY LANE
CHESHIRE EAST
Morley
Morley Green
NANSMOSS LANE
MOBBERLEY ROAD
ECCUPS LANE
A538 ALTRINCHAM ROAD
Lindow Moss
NEWGATE
SANDY LANE
KING'S ROAD
GREAVES ROAD
Pownall Park
RACECOURSE ROAD
GORSEY ROAD
STRAWBERRY LANE
OAK LANE
BUCKINGHAM ROAD
BOURNE STREET
MOOR LANE

HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-321-R2

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA06:
Hulseheath to Manchester Airport

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003750-P01

Date: 08/09/21

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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma

- PT = Effect Identifier - see across
- 01 = CA Number
- 01 = Feature Number
- Ma = Effect Level

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-321-R3

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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Date: 07/09/21

For continuation refer to map number TR-04-321-R2

Tc06-36-Mo-38
Tc06-37-Mi-46
Tc06-38-Mi-46
Tc06-39-Mi
Tc06-35-Ma
Tc06-33-Mo-46

The Yews
CLAY LANE
STRAWBERRY LANE
MOOR LANE
OAK LANE
BUCKINGHAM ROAD
BOURNE STREET
A538 ALTRINCHAM ROAD
HAWTHORN LANE
GROVE STREET
River Bollin
B5166 MANCHESTER ROAD
A538
A34
CUMBER LANE
GRAVEL LANE
SOUTH OAK LANE
NURSERY LANE
CHAPEL LANE
BEDELLS LANE
A538 ALDERLEY ROAD
B5086 ALDERLEY ROAD
STATION ROAD
WILMSLOW
PARKWAY
BROADWAY
HOLLY ROAD SOUTH
B5086 KNUTSFORD ROAD
B5085 KNUTSFORD ROAD
STOCKTON ROAD
CHESHAM ROAD
Fulshaw Park
FULSHAW PARK SOUTH
ALDERLEY ROAD
A34 BIRRELL WAY
MACCLESFIELD ROAD
THORNGROVE ROAD
FLETSAND ROAD
TOKKINGTON ROAD
CARR LANE
B5085 BROOK LANE
A34 PENDLETON WAY
A34 MELROSE WAY
CHESHIRE EAST
WILTON CRESCENT
EATON DRIVE
B539 WILMSLOW ROAD
HOUGH LANE
B539 CHELFORD ROAD
LYNTON LANE
ELM CRESCENT
OAKFIELD ROAD
THE CIRCUIT
B539 RYLEYS LANE
WINDERMERE DRIVE
DAVEY LANE
HEYES LANE
Alderley Edge
Rufford

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-321-R3

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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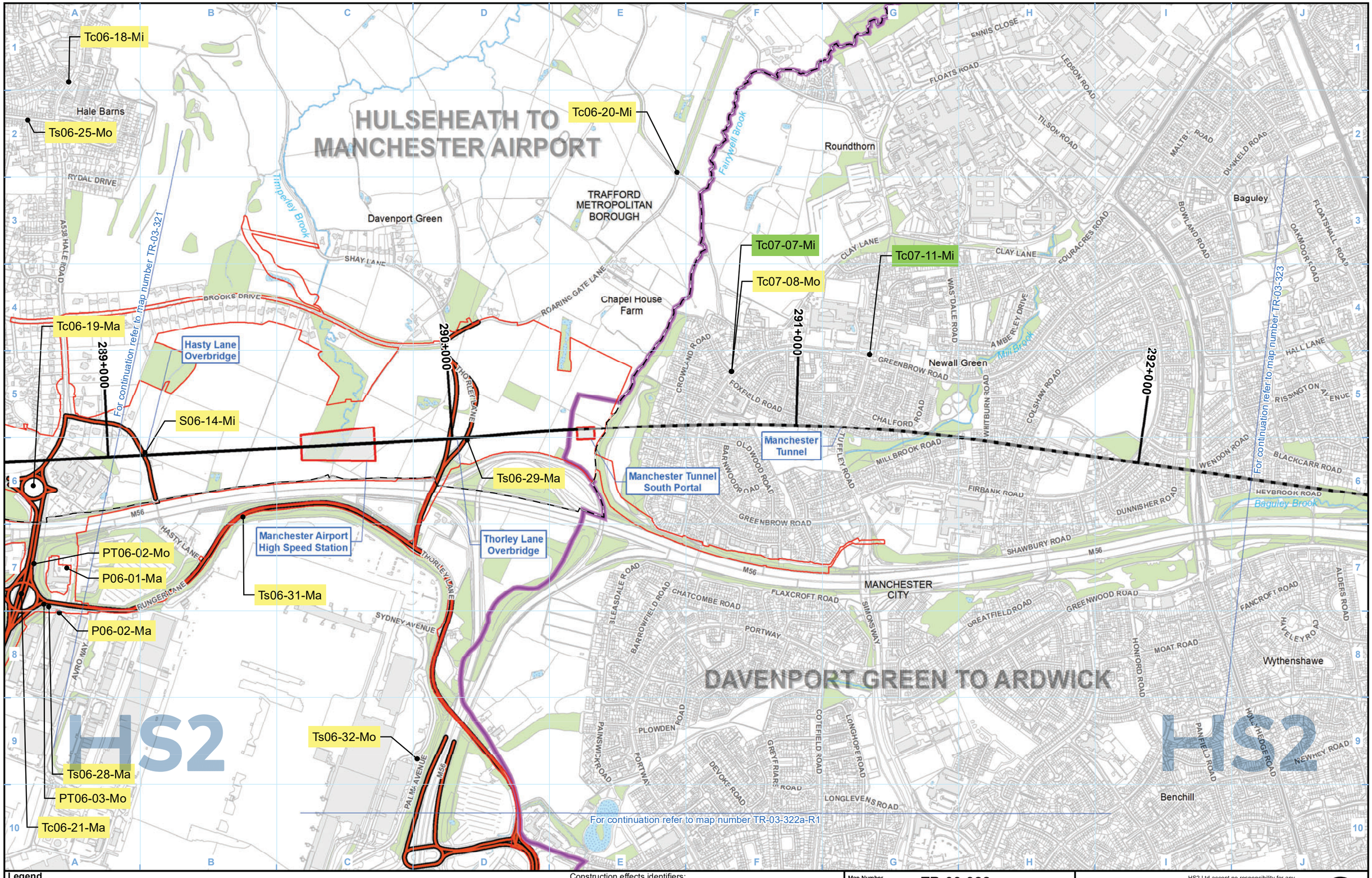

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-322a

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06: Hulseheath to Manchester Airport

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HULSEHEATH TO MANCHESTER AIRPORT

DAVENPORT GREEN TO ARDWICK

Ts06-34-Mo-38
Ts06-36-Ma-38
Ts06-41-Mo
Ts06-37-Mo-38
Tc06-20-Ma-46
Ts06-38-Mo-46
Ts06-45-Mo
Ts06-46-Mo-38
Ts06-47-Mi-46
Hale Barns
RYDAL DRIVE
A538 HALE ROAD
Timperley Brook
Davenport Green
SHAY LANE
BROOKS DRIVE
ROARING GATE LANE
Chapel House Farm
TRAFFORD METROPOLITAN BOROUGH
Fairywell Brook
For continuation refer to map number TR-04-322a-L1
Ts07-03-Mo-46
Tc07-04-Mi-46
Ts07-05-Mo
Ts07-06-Ma-38
Ts07-02-Mo-46
ENNIS CLOSE
FLOATS ROAD
LEDSON ROAD
Ts07-08-Ma-46
Ts07-09-Ma-38
Ts07-11-Mo-46
Ts07-10-Ma-38
Ts07-01-Ma-38
WILSON ROAD
Tc07-08-Ma-46
MALTBY ROAD
DUKEELD ROAD
Roundthorn
Ts07-15-Ma
Ts07-12-Mo-38
Ts07-13-Mo-46
Ts07-16-Mo-46
Baguley
BOWLAND ROAD
FLOATSHALL ROAD
OAKMOOR ROAD
Ts07-24-Ma-46
FOURACRES ROAD
CLAY LANE
Ts07-07-Mo
Ts07-04-Mo
Tc07-06-Mi-38
Ts07-14-Mo-46
Manchester Tunnel
Ts07-19-Mo-38
Ts07-20-Ma-46
Ts07-23-Mo-38
WASTDALE ROAD
AMBERLEY DRIVE
Mill Brook
Ts07-18-Mo-46
Ts07-21-Mo-38
Ts07-22-Ma-46
HALL LANE
RISSINGTON AVENUE
239+000
290+000
291+000
292+000
Hasty Lane Overbridge
S06-15-Mo
THORLEY LANE
Ts06-51-Ma
CROWLAND ROAD
FOXFIELD ROAD
Newall Green
GREENBROW ROAD
CHALFORD ROAD
COLSHAN ROAD
WHITBURN ROAD
Ts07-27-Mi-38
Ts07-28-Mo-46
Tc07-60-Mo-46
Ts07-17-Mo-46
Manchester Tunnel South Portal
OLDWOOD ROAD
BARNWOOD ROAD
TUFFLEY ROAD
MILLBROOK ROAD
Ts07-25-Ma
FIRBANK ROAD
Ts07-31-Mi-46
DUNNISHER ROAD
WENDON ROAD
BLACKCARR ROAD
HEYBROOK ROAD
Baguley Brook
For continuation refer to map number TR-04-323
S06-16-Mo
Manchester Airport High Speed Station
M56
HASTY LANE
Ts06-56-Ma-38
Ts06-57-Mo-46
Thorley Lane Overbridge
Ts07-29-Mo-38
Ts07-30-Ma-46
Ts07-26-Mo-46
SHAWBURY ROAD
Ts07-34-Ma-46
GREENWOOD ROAD
Ts06-59-Ma
SYDNEY AVENUE
RUNGER LANE
For continuation refer to map number TR-04-321
AVRO WAY
Ts06-63-Ma
Ts06-61-Ma-38
Ts06-62-Mo-46
BLEASDALE ROAD
BARROWFIELD ROAD
CHATCOMBE ROAD
FLAXCROFT ROAD
PORTWAY
MANCHESTER CITY
SIMONSWAY
GREATFIELD ROAD
Ts07-33-Ma-46
HONFORD ROAD
MOAT ROAD
FANCROFT ROAD
HAVELEY ROAD
ALDERS ROAD
Wythenshawe
Ts07-35-Mo-46
HOLLYHEDGE ROAD
PANFIELD ROAD
NEWHEY ROAD
Benchill
Ts06-64-Ma
PALMA AVENUE
PANSWICK ROAD
PLOWDEN ROAD
Ts07-32-Ma-46
COTEFIELD ROAD
LONGHOPE ROAD
GREYFRIARS ROAD
DEVOKE ROAD
LONGLEVENS ROAD
Tc07-14-Mi-38
Ts07-37-Mo-46
Tc06-29-Ma
Ts06-66-Mo
Ts06-68-Ma
Tc07-11-Mi-38
For continuation refer to map number TR-04-322a-R1
Ts07-26-Mo-46

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-322a

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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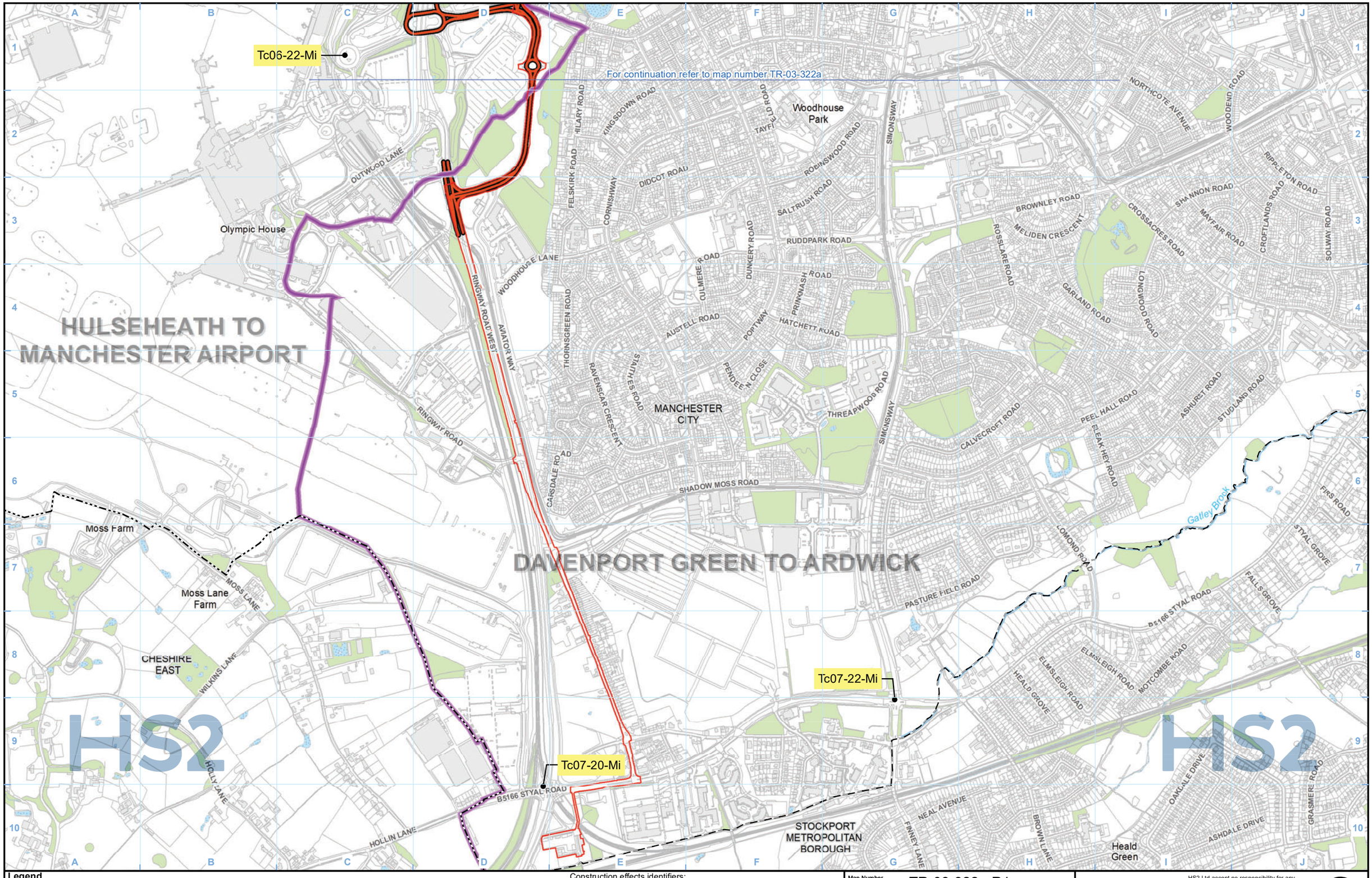

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-322a-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06:
Hulseheath to Manchester Airport

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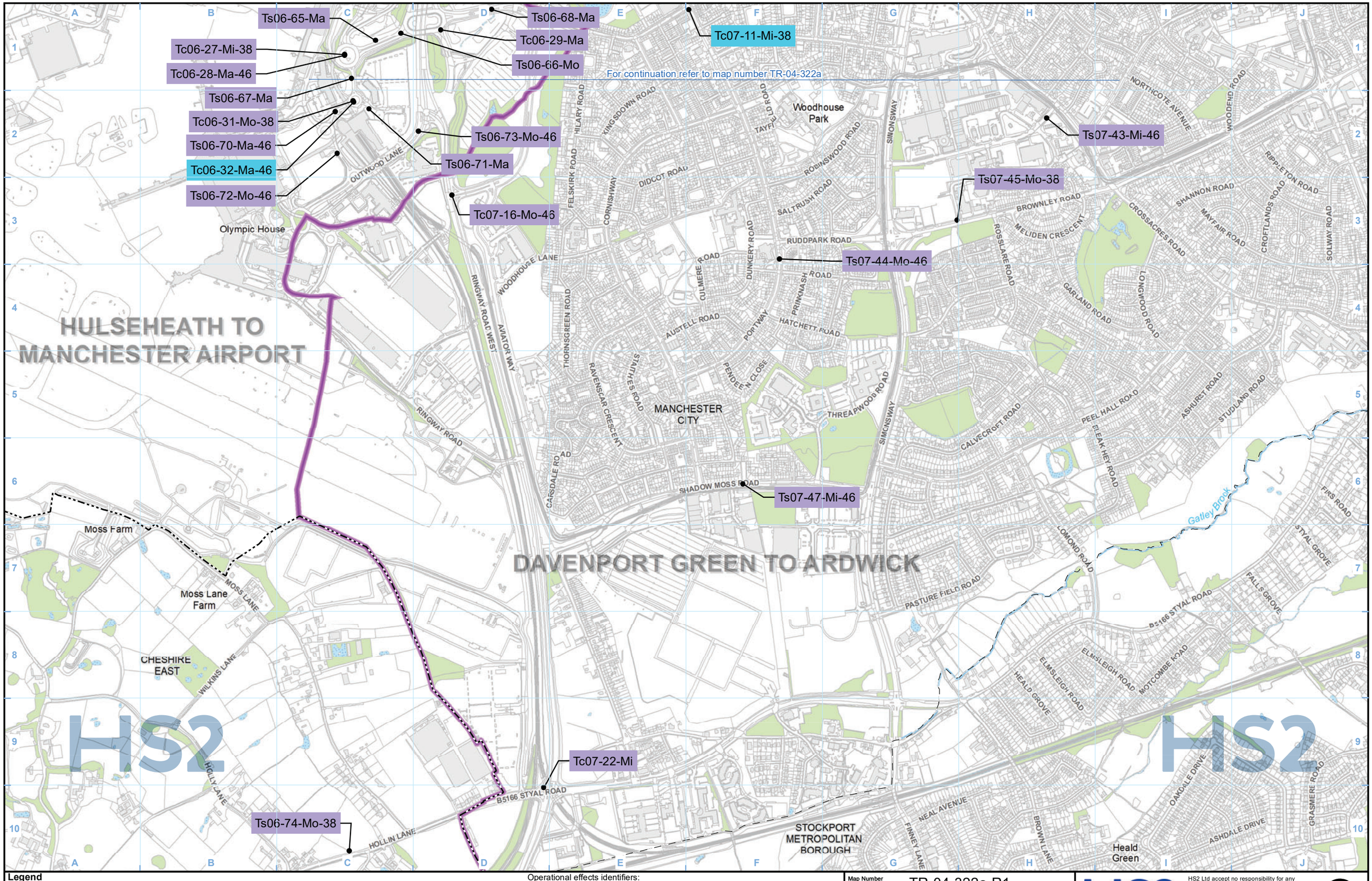

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-322a-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA06: Hulseheath to Manchester Airport

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DAVENPORT GREEN TO ARDWICK

HULSEHEATH TO MANCHESTER AIRPORT

CHESHIRE EAST

STOCKPORT METROPOLITAN BOROUGH

Heald Green

Handforth

Tc06-29-Mo

Tc07-47-Mi

HS2

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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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-322a-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA06:
Hulseheath to Manchester Airport

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Date: 07/09/21

DAVENPORT GREEN TO ARDWICK

HULSEHEATH TO MANCHESTER AIRPORT

Ts06-75-Mo-38

Ts06-76-Mo-38

CHESHIRE EAST

STOCKPORT METROPOLITAN BOROUGH

Heald Green

Handforth

Dobbin Brook

River Dean

STATION ROAD

STANNEYLANDS ROAD

CLAY LANE

WINDERMERE ROAD

KINGSTON ROAD

WALLINGFORD ROAD

SAGARS ROAD

VALLEY DRIVE

BULKELEY ROAD

MERITON ROAD

GRANGEWAY

WILMSLOW ROAD

TABLEY ROAD

PICKMERE ROAD

STANLEY ROAD

A555

A34

A14

OUTWOOD ROAD

WESTWOOD ROAD

QUEENSWAY

ST ANN'S ROAD NORTH

OAKWATER AVENUE

CROSS ROAD

AVON ROAD

BASLOW DRIVE

ROSSENDALE ROAD

THORNTON ROAD

BOLSHAW ROAD

GREENWAY ROAD

MATLOCK ROAD

EAST AVENUE

LONGNOR ROAD

DAWSON ROAD

SYDDALL AVENUE

WILMSLOW ROAD

BRADGATE AVENUE

FITCHELLS ROAD

CHEDLEE DRIVE

HIGHFIELD ROAD

WYNGATE ROAD

SOUTHDOWN CRESCENT

MEADOWS ROAD

THREE ACRES LANE

HS2

HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38

- PT: Identifier - see across
- 01: CA Number
- 01: Feature Number
- Mi: Effect Level
- 38: Forecast Year

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-322a-R2

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA06:
Hulseheath to Manchester Airport

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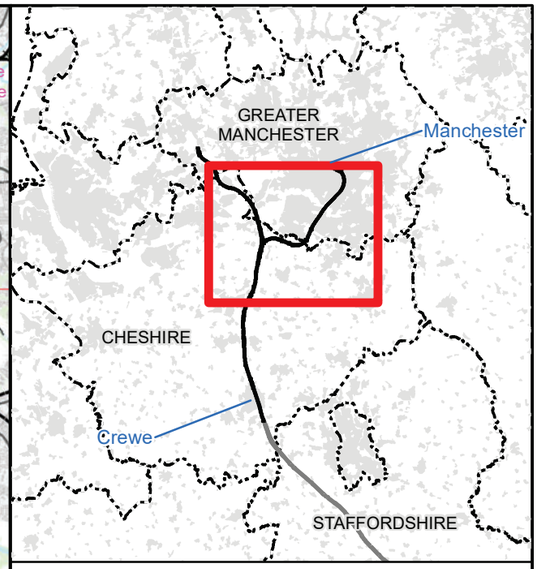

Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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	TR-08-INDEX-MA06
Map Name	Index Map of: Construction Routes to the Strategic Network
	Community Area MA06: Hulseheath to Manchester Airport

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For Continuation Refer To TR-08-312

For Continuation Refer To TR-08-307

MA03 Pickmere to Agden and Hulseheath

MA06 Hulseheath to Manchester Airport

Ashley IMB-R Satellite tailhead		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	6 years	
Duration of busy movements (months)	20	
Peak daily vehicles - Cars & LGV	187-268	
Peak daily vehicles - HGV	196-258	

Blackburn's Brook Viaduct Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 3 months
Duration of busy movements (months)	9
Peak daily vehicles - Cars & LGV	195-278
Peak daily vehicles - HGV	9:-114

Ashley Station Satellite Compound		
Start date	2030 Q3	Rail
Duration of active use	1 year and 3 months	
Duration of busy movements (months)	4	
Peak daily vehicles - Cars & LGV	122-122	
Peak daily vehicles - HGV	4-4	

Manchester Airport High Speed Station Main Compound		
Stat date	2025 Q2	Rail Systems and Civils
Duration of active use	8 years and 3 months	
Duration of busy movements (months)	13	
Peak daily vehicles - Cars & LGV	264-346	
Peak daily vehicles - HGV	214-318	

Manchester Airport High Speed Station South Satellite Compound	
Start date	2027 Q2
Duraion of active use	6 years and 3 months
Durationof busy movements (months)	16
Peak daily vehicles - Cars & LGV	133-166
Peak daily vehicles - HGV	49-78

M56 East Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 6 months
Duration of busy movements (months)	3
Peak daily vehicles - Cars & LGV	211-294
Peak daily vehicles - HGV	243-312

Mobberley Road North Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	144-194
Peak daily vehicles - HGV	94-114

River Bollin East Viaduct Satellite Compound	
Start date	2027 Q2
Duration of active use	1 year 9 months
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	203-220
Peak daily vehicles - HGV	40-48

Manchester Tunnel South Portal Main Compound		
Start date	2025 Q2	Rail Systems and Civils
Duration of active use	9 years	
Duration of busy movements (months)	16	
Peak daily vehicles - Cars & LGV	555-750	
Peak daily vehicles - HGV	543-614	

Manchester Airport High Speed Station North Satellite Compound	
Start date	2027 Q2
Duration of active use	6 years and 3 months
Duration of busy movements (months)	47
Peak daily vehicles - Cars & LGV	188-238
Peak daily vehicles - HGV	136-166

Sunbank Lane Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years and 6 months
Duration of busy movements (months)	5
Peak daily vehicles - Cars & LGV	203-290
Peak daily vehicles - HGV	477-526

Castle Mill Lane Satellite Compound	
Start date	2027 Q2
Duration of active use	4 years
Duration of busy movements (months)	6
Peak daily vehicles - Cars & LGV	209-270
Peak daily vehicles - HGV	107-136

Mobberley Road Satellite Compound		
Start date	2031 Q1	Rail
Duration of active use	1 year	
Duration of busy movements (months)	4	
Peak daily vehicles - Cars & LGV	148-148	
Peak daily vehicles - HGV	4-4	

Birkin Brook Viaduct Satellite Compound	
Start date	2027 Q3
Duration of active use	2 years and 9 months
Duration of busy movements (months)	5
Peak daily vehicles - Cars & LGV	135-184
Peak daily vehicles - HGV	70-90

Mobberley Road South Satellite Compound	
Start date	2027 Q2
Duration of active use	5 years 3 months
Duration of busy movements (months)	22
Peak daily vehicles - Cars & LGV	130-182
Peak daily vehicles - HGV	224-266

Ashley Railhead		
Start date	2031 Q3	Rail
Duration of active use	4 years	
Duration of busy movements (months)	39	
Peak daily vehicles - Cars & LGV	247-302	
Peak daily vehicles - HGV	53-64	

Birkenheath Covert Satellite Compound		
Start date	2027 Q3	Rail Systems and Civils
Duration of active use	6 years	
Duration of busy movements (months)	20	
Peak daily vehicles - Cars & LGV	235-354	
Peak daily vehicles - HGV	224-252	

M56 Junction 7

M56 Junction 6

On Site Traffic Route Ashley Road to Yarwoodheath Lane

MS 292+000

MS 290+000

MS 288+000

MS 286+000

MS 284+000

Thorley Lane

Runger Lane

Cherry Tree Lane

Castle Mill Lane

Ashley Road Diversion

Ashley Road

A538 Wilmslow Road

MA07 Davenport Green to Ardwick

MA06 Hulseheath to Manchester Airport

METRES @ 1:25000 — 0 200 500 1000 2500

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number: TR-08-311

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA06 Hulseheath to Manchester Airport

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HS2

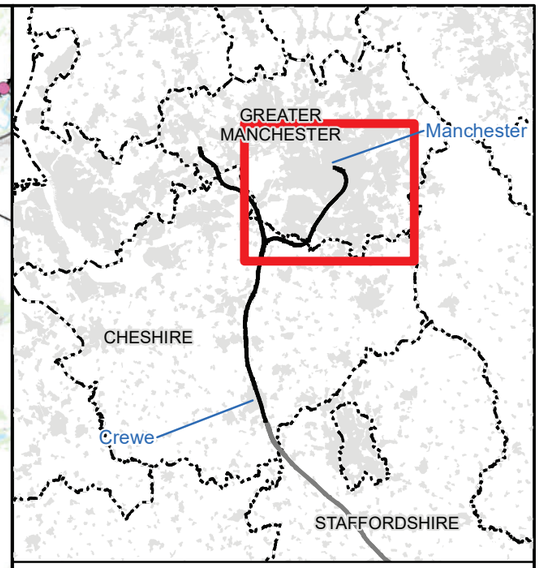
High Speed Rail (Crewe – Manchester) Environmental Statement

MA07: Davenport Green to Ardwick

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation

TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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	TR-03-INDEX-MA07
Map Name	Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes
	Community Area MA07: Davenport Green to Ardwick

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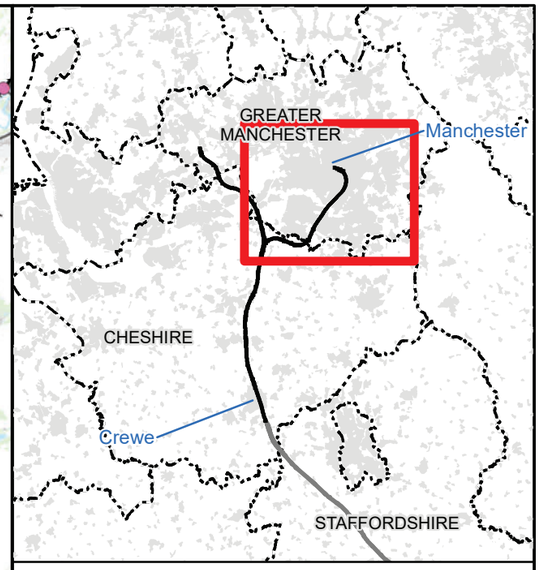

Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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	TR-04-INDEX-MA07
Map Name	Index Map of: Significant Residual Transport Effects Arising from Operation
	Community Area MA07: Davenport Green to Ardwick

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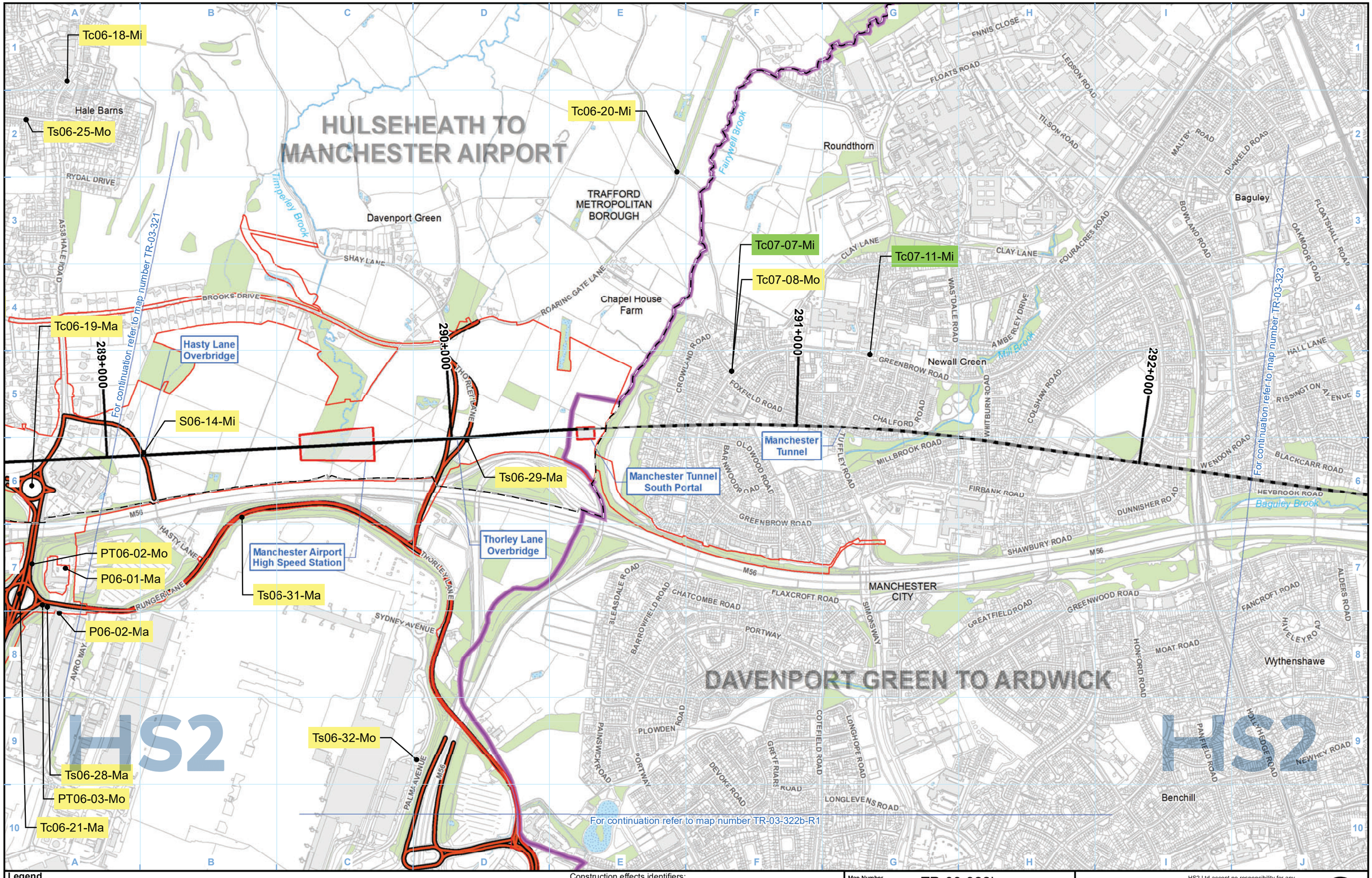

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
Tc - Traffic flows and delays to vehicle occupants
Td - Traffic diversion
Ts - Traffic severance - non-motorised users
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number: TR-03-322b

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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Date: 08/09/21

HULSEHEATH TO MANCHESTER AIRPORT

DAVENPORT GREEN TO ARDWICK

Ts06-34-Mo-38
Ts06-36-Ma-38
Ts06-41-Mo
Ts06-37-Mo-38
Tc06-20-Ma-46
Ts06-38-Mo-46
Ts06-45-Mo
Ts06-46-Mo-38
Ts06-47-Mi-46
Hale Barns
RYDAL DRIVE
A538 HALE ROAD
Timperley Brook
Davenport Green
SHAY LANE
BROOKS DRIVE
ROARING GATE LANE
Chapel House Farm
TRAFFORD METROPOLITAN BOROUGH
Fairywell Brook
Ts07-03-Mo-46
Tc07-04-Mi-46
Ts07-05-Mo
Ts07-06-Ma-38
Roundthorn
ENNIS CLOSE
FLOATS ROAD
LEDSON ROAD
TILSON ROAD
Ts07-02-Mo-46
Ts07-08-Ma-46
Ts07-01-Ma-38
Ts07-09-Ma-38
Ts07-10-Ma-38
Ts07-11-Mo-46
Tc07-08-Ma-46
MALTBY ROAD
DUKEELD ROAD
Ts07-15-Ma
Ts07-16-Mo-46
Baguley
BOWLAND ROAD
OAKMOOR ROAD
FLOATSHALL ROAD
Ts07-12-Mo-38
Ts07-13-Mo-46
Ts07-24-Ma-46
FOURACRES ROAD
Ts07-07-Mo
Ts07-04-Mo
Tc07-06-Mi-38
Ts07-14-Mo-46
CLAY LANE
Manchester Tunnel
Ts07-19-Mo-38
Ts07-20-Ma-46
Ts07-23-Mo-38
WASTDALE ROAD
AMBERLEY DRIVE
Ts07-18-Mo-46
Ts07-21-Mo-38
Ts07-22-Ma-46
HALL LANE
RISSINGTON AVENUE
289+000
290+000
291+000
292+000
Hasty Lane Overbridge
S06-15-Mo
THORLEY LANE
Ts06-51-Ma
CROWLAND ROAD
FOXFIELD ROAD
Tc07-60-Mo-46
Newall Green
GREENBROW ROAD
Mill Brook
CHALFORD ROAD
WHITBURN ROAD
COLSHAN ROAD
Ts07-27-Mi-38
Ts07-28-Mo-46
Ts07-17-Mo-46
Manchester Tunnel South Portal
OLDWOOD ROAD
BARNWOOD ROAD
TUFFLEY ROAD
MILLBROOK ROAD
Ts07-25-Ma
FIRBANK ROAD
Ts07-31-Mi-46
DUNNISHER ROAD
WENDON ROAD
BLACKCARR ROAD
HEYBROOK ROAD
Baguley Brook
S06-16-Mo
Manchester Airport High Speed Station
M56
HASTY LANE
Ts06-56-Ma-38
Ts06-57-Mo-46
Thorley Lane Overbridge
Ts07-29-Mo-38
Ts07-30-Ma-46
Ts07-26-Mo-46
GREENBROW ROAD
SHAWBURY ROAD
Ts07-34-Ma-46
MANCHESTER CITY
BLEASDALE ROAD
BARROWFIELD ROAD
CHATCOMBE ROAD
FLAXCROFT ROAD
PORTWAY
SIMONSWAY
GREATFIELD ROAD
GREENWOOD ROAD
FANCROFT ROAD
HAVELEY ROAD
ALDERS ROAD
Ts07-33-Ma-46
HONFORD ROAD
MOAT ROAD
Wythenshawe
Ts07-35-Mo-46
RUNGER LANE
AVRO WAY
Ts06-59-Ma
SYDNEY AVENUE
Ts06-63-Ma
Ts06-61-Ma-38
Ts06-62-Mo-46
Ts06-64-Ma
PALMA AVENUE
PANSWICK ROAD
PLOWDEN ROAD
Ts07-32-Ma-46
COTEFIELD ROAD
LONGHOPE ROAD
GREYFRIARS ROAD
DEVOKE ROAD
LONGLEVENS ROAD
Tc07-14-Mi-38
Ts07-37-Mo-46
PANFIELD ROAD
HOLLYHEDGE ROAD
NEWHEY ROAD
Benchill
Tc06-29-Ma
Ts06-66-Mo
Ts06-68-Ma
Tc07-11-Mi-38
For continuation refer to map number TR-04-321
For continuation refer to map number TR-04-322b-R1
For continuation refer to map number TR-04-323
HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-322b

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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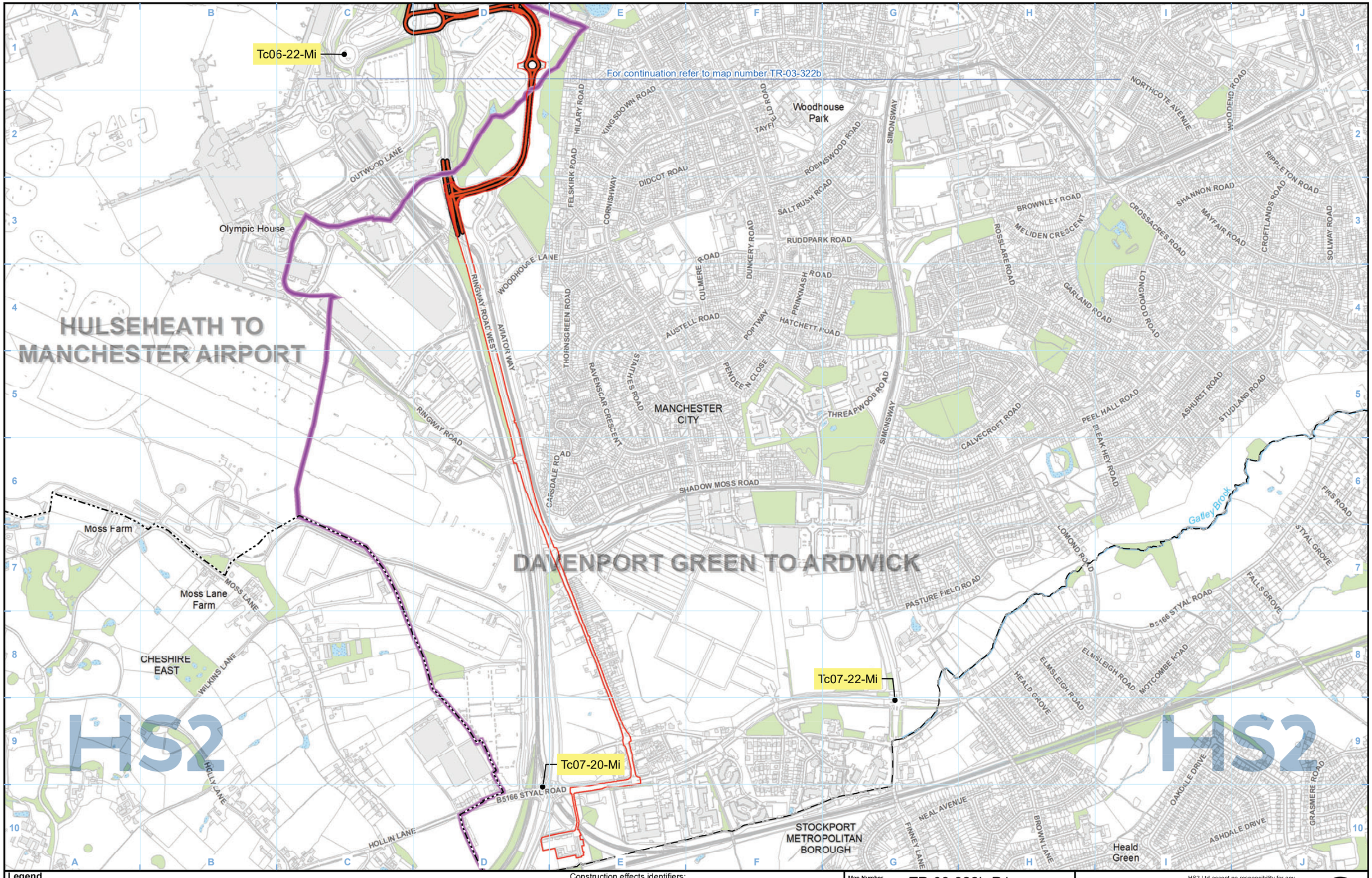

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-322b-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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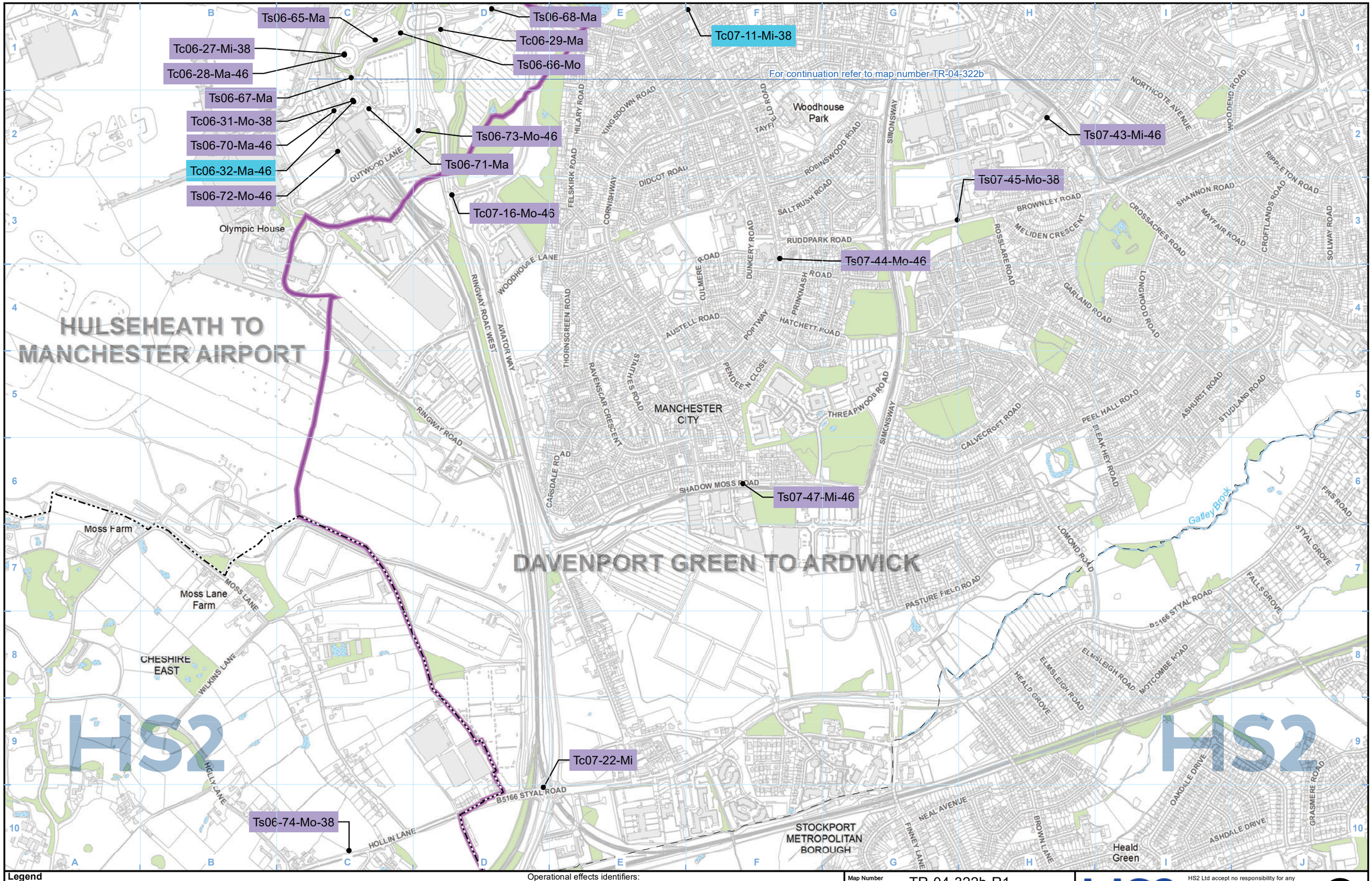

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-322b-R1

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA07:
Davenport Green to Ardwick

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DAVENPORT GREEN TO ARDWICK

HULSEHEATH TO MANCHESTER AIRPORT

CHESHIRE EAST

STOCKPORT METROPOLITAN BOROUGH

Heald Green

Handforth

Tc06-29-Mo

Tc07-47-Mi

HS2

HS2

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level, Feature Number, CA Number, Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-322b-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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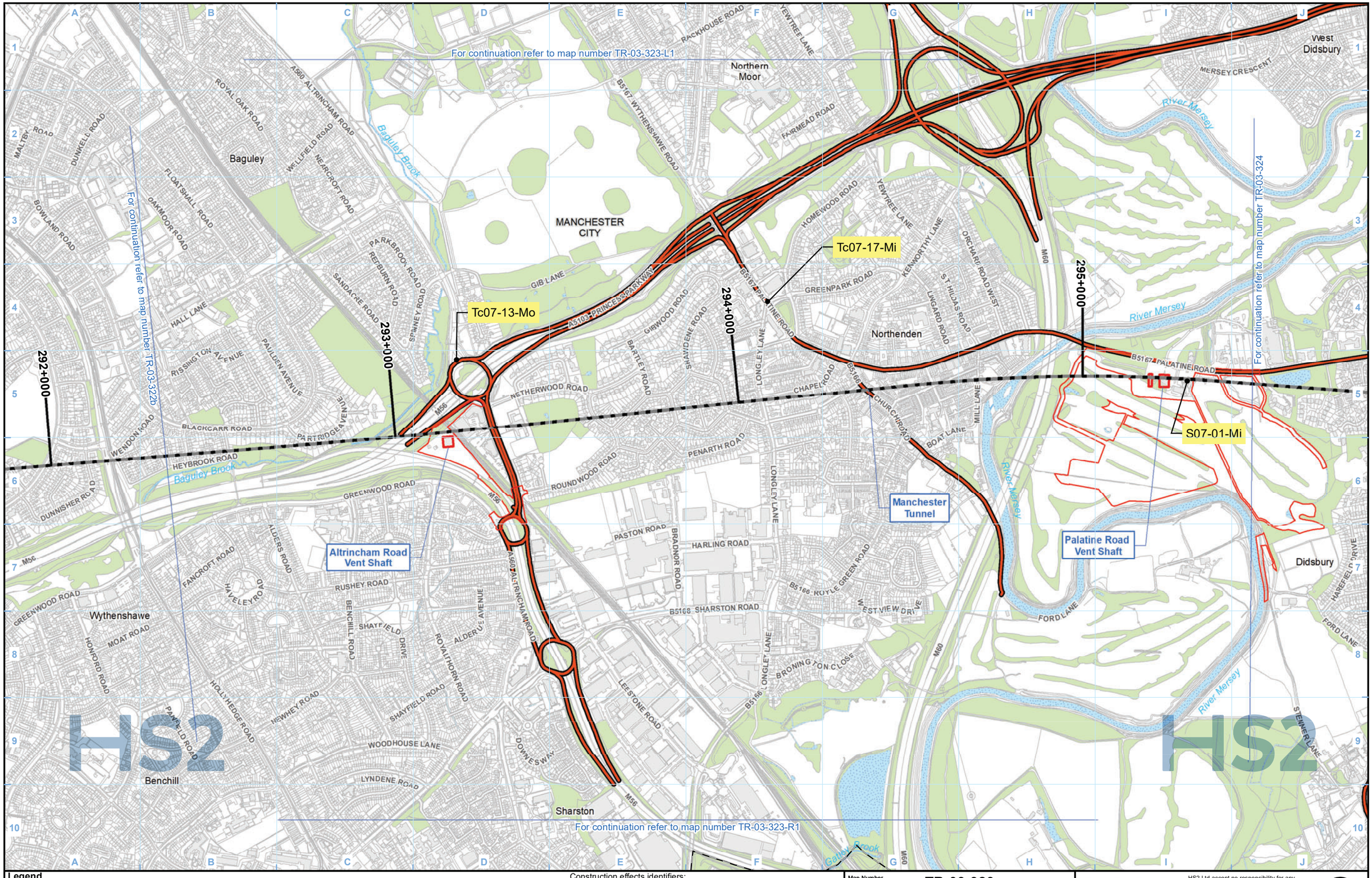

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-323

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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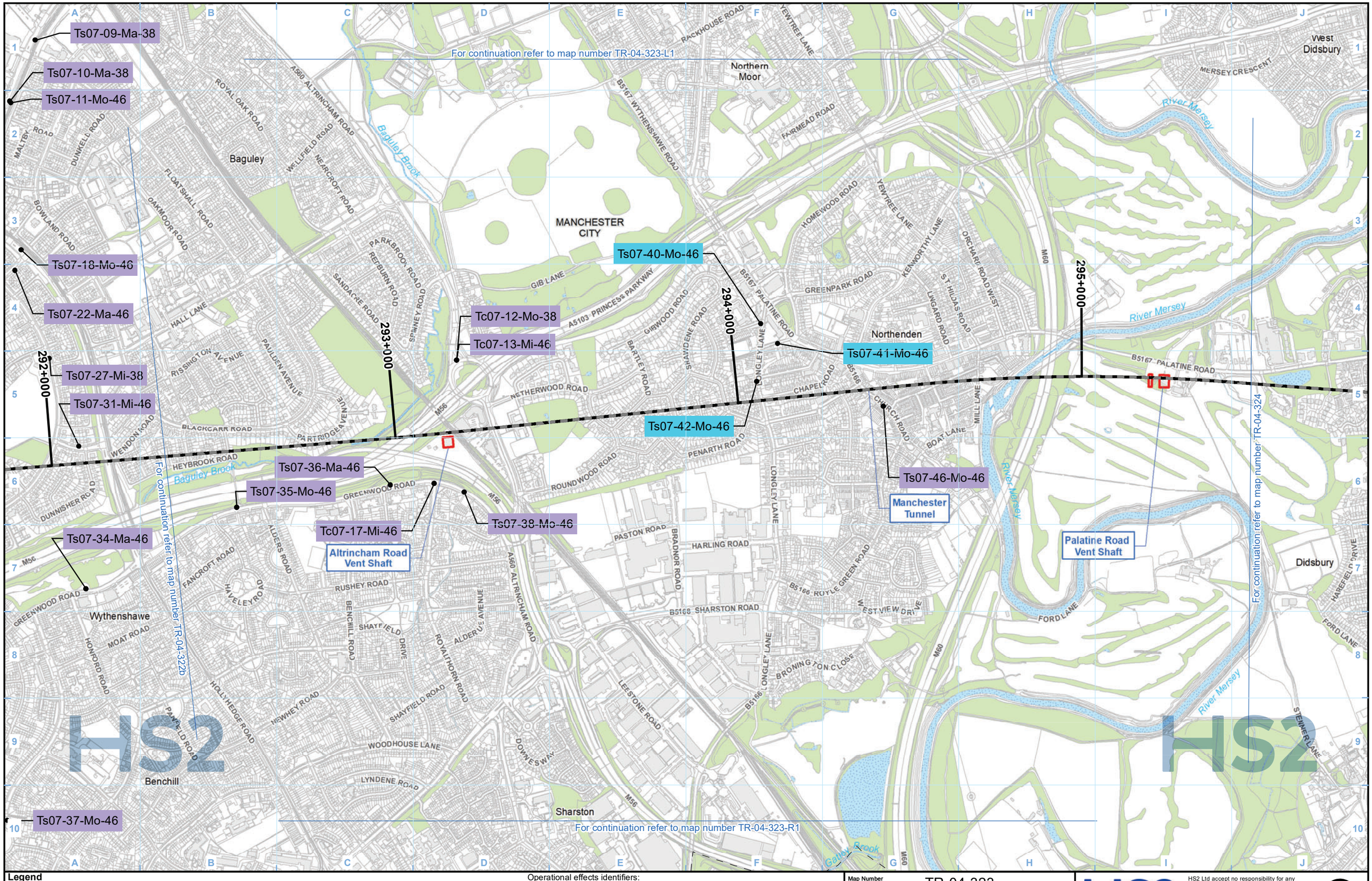

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-323

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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Date: 08/09/21

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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-323-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003732-P01

Date: 08/09/21

HULSEHEATH TO MANCHESTER AIRPORT

DAVENPORT GREEN TO ARDWICK

Tc07-03-Mi-46

Tc07-02-Mi-46

Tc07-05-Mi-46

Ts07-09-Ma-38

TRAFFORD METROPOLITAN BOROUGH

MANCHESTER CITY

Northern Moor

Roundthorn

Baguley

For continuation refer to map number TR-04-323

CUMBERLAND ROAD
A6144 MARSLAND ROAD
TEMPLEROAD
B5397 DANE ROAD
CRADDOCK ROAD
CONWAY ROAD
A6144 OLD HALL ROAD
RIFLE ROAD
Bollow Brook
River Mersey
ASHSTEAD ROAD
CRANLEIGH DRIVE
NORRIS ROAD
A6144 NORTHENDEN ROAD
B5397 WYTHENSHAWE ROAD
M60
MAPLE ROAD
Baguley Brook
CROFT ROAD
BAGULEY LANE
SPARKFORD AVENUE
TUNSHILL ROAD
Earnswell Brook
NEW FOREST ROAD
WENDOVER ROAD
FAIRWOOD ROAD
WARMLEY ROAD
DORCHESTER DRIVE
B5166 NORTHENDEN ROAD
HOLWICK ROAD
SEALAND ROAD
BUTTON LANE
MOORCROFT ROAD
B5167 WYTHENSHAWE ROAD
MOSSDALE ROAD
B5167
A560 ALTRINCHAM ROAD
MOOR ROAD
SHADY LANE
TIMPSON ROAD
SOUTHMOOR ROAD
ORTON ROAD
LAWTON MOOR ROAD
M63
RACKHOUSE ROAD
YEWTREE LANE

HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-323-L1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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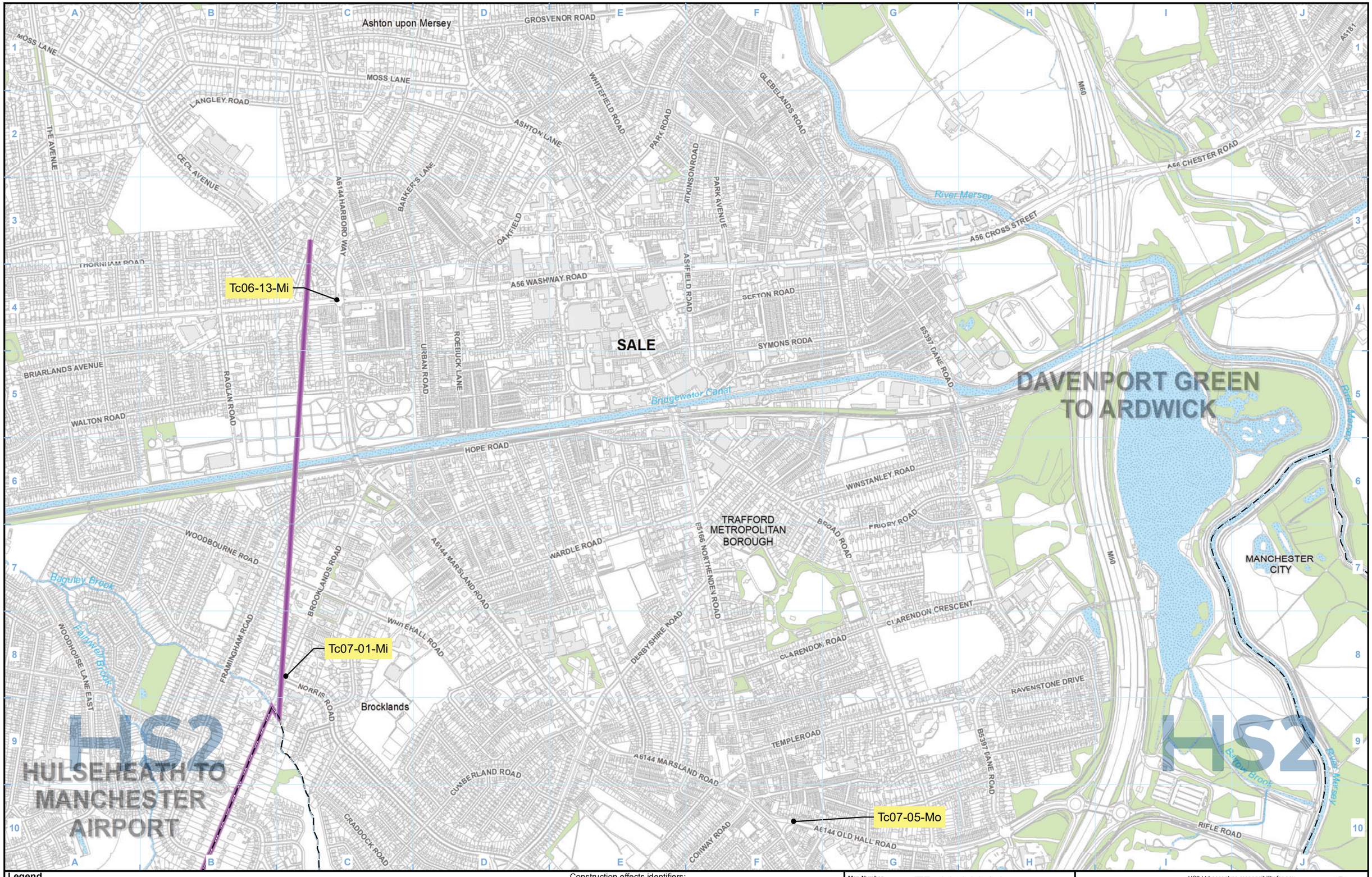

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-323-L2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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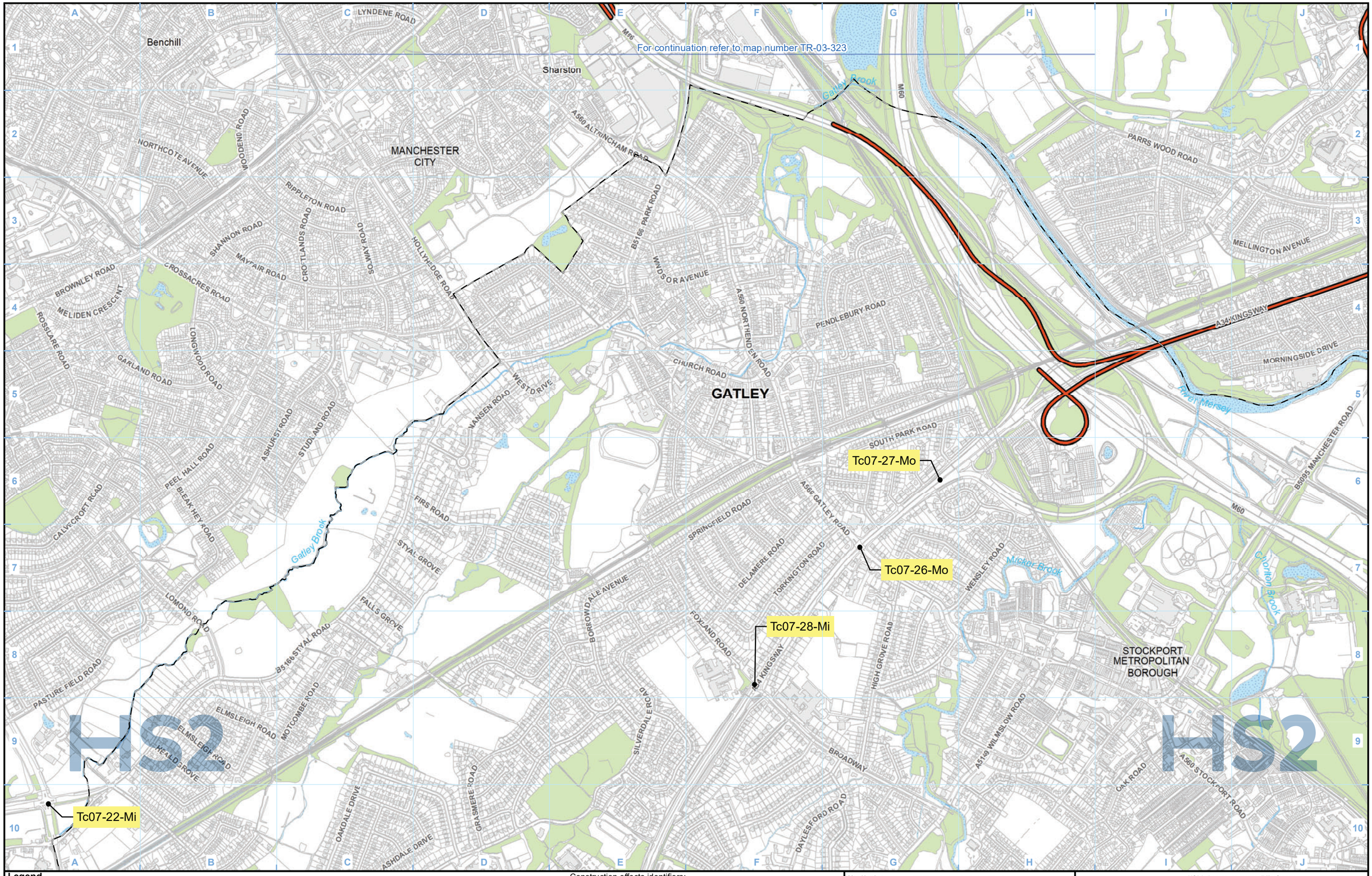

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-323-R1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-323-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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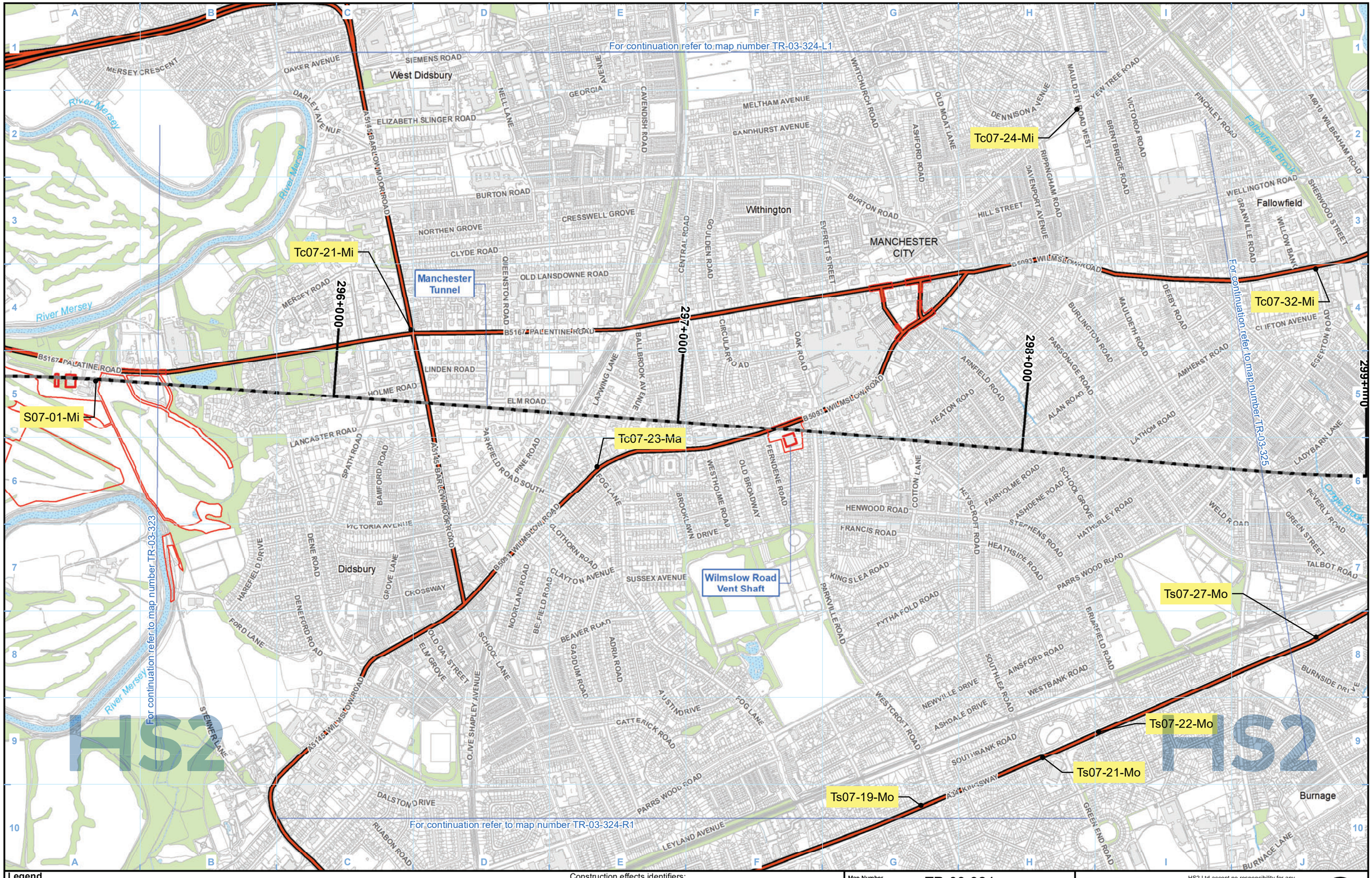

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-324

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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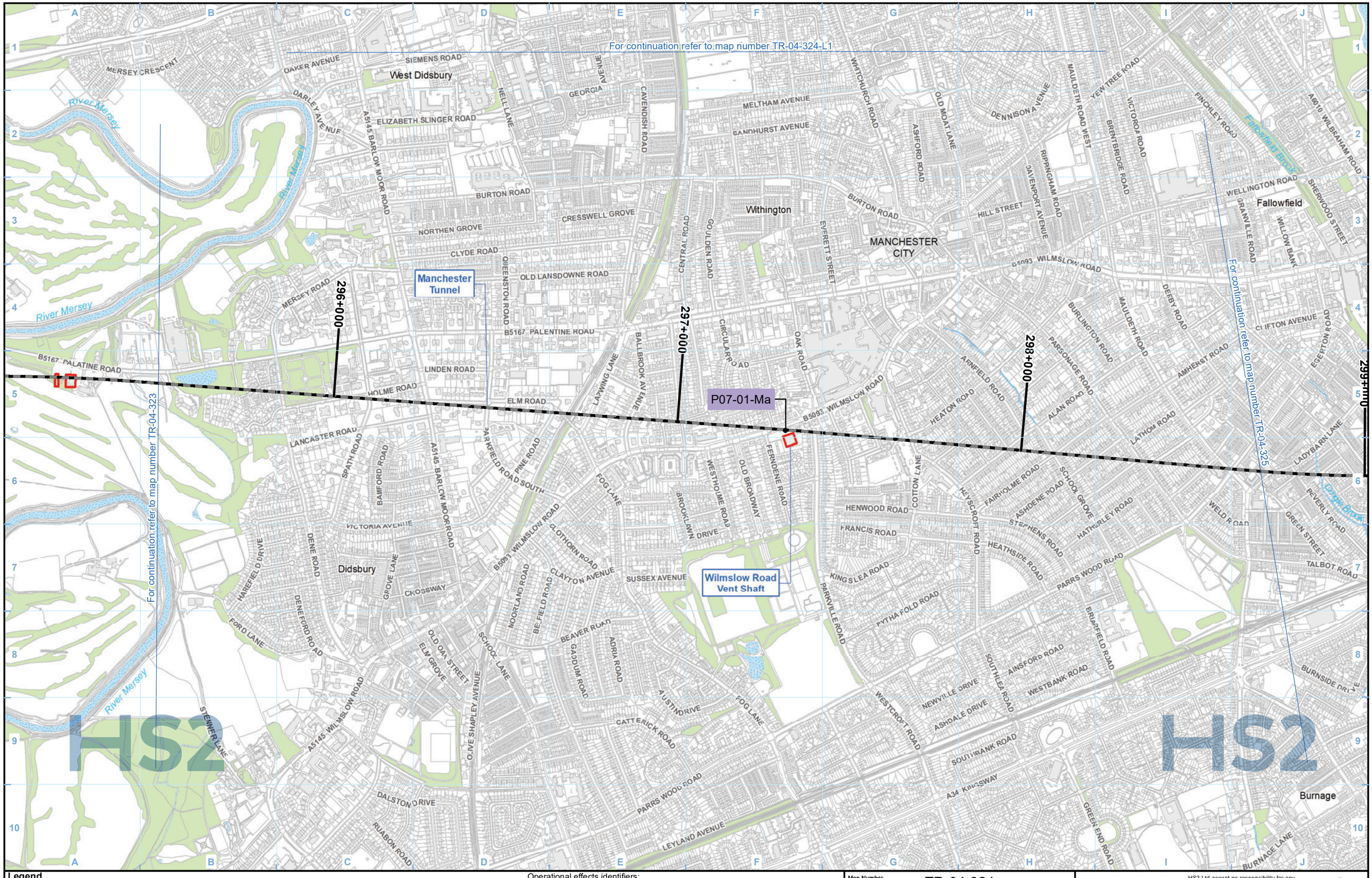

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-324

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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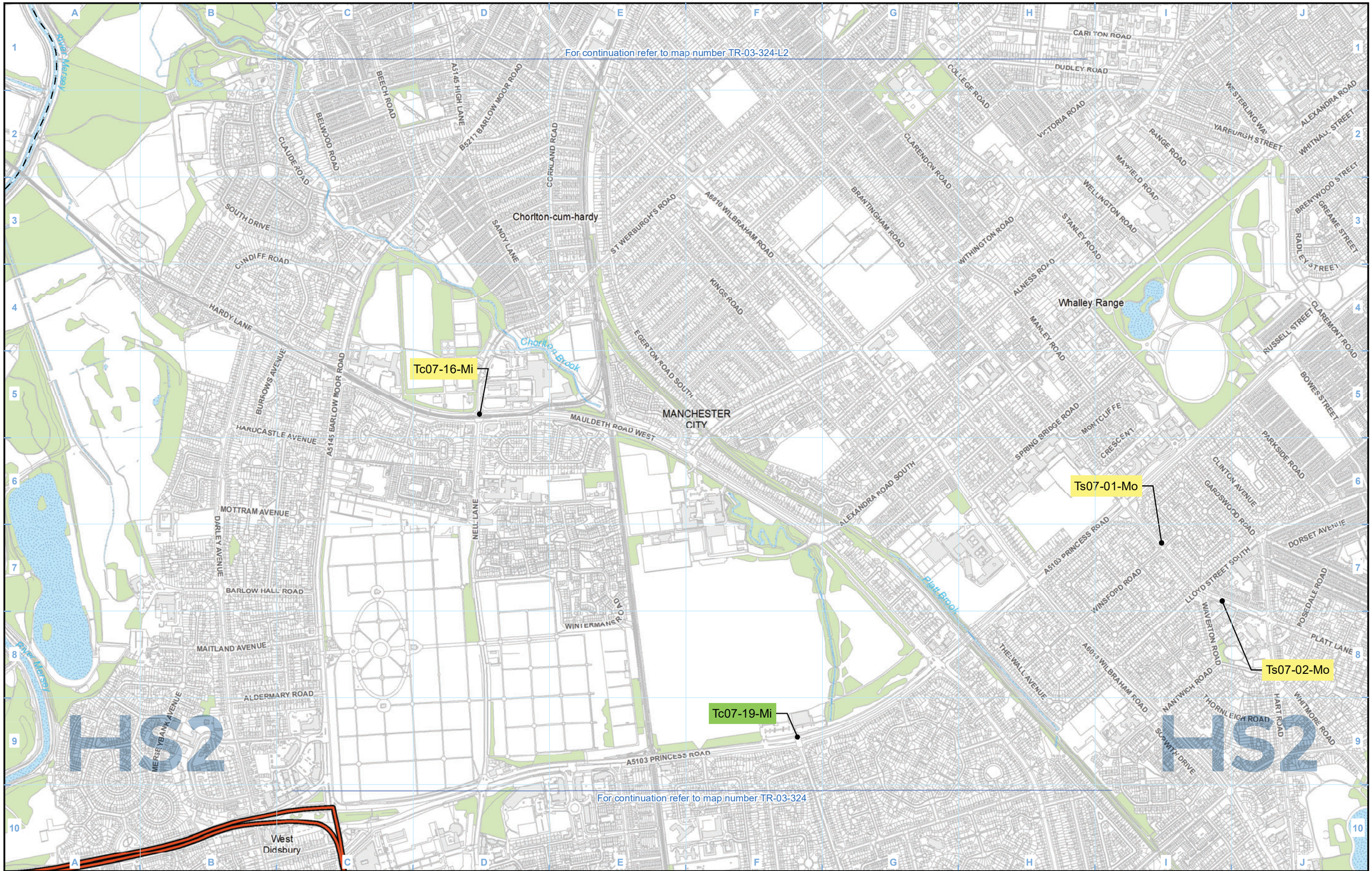

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-324-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-324-L1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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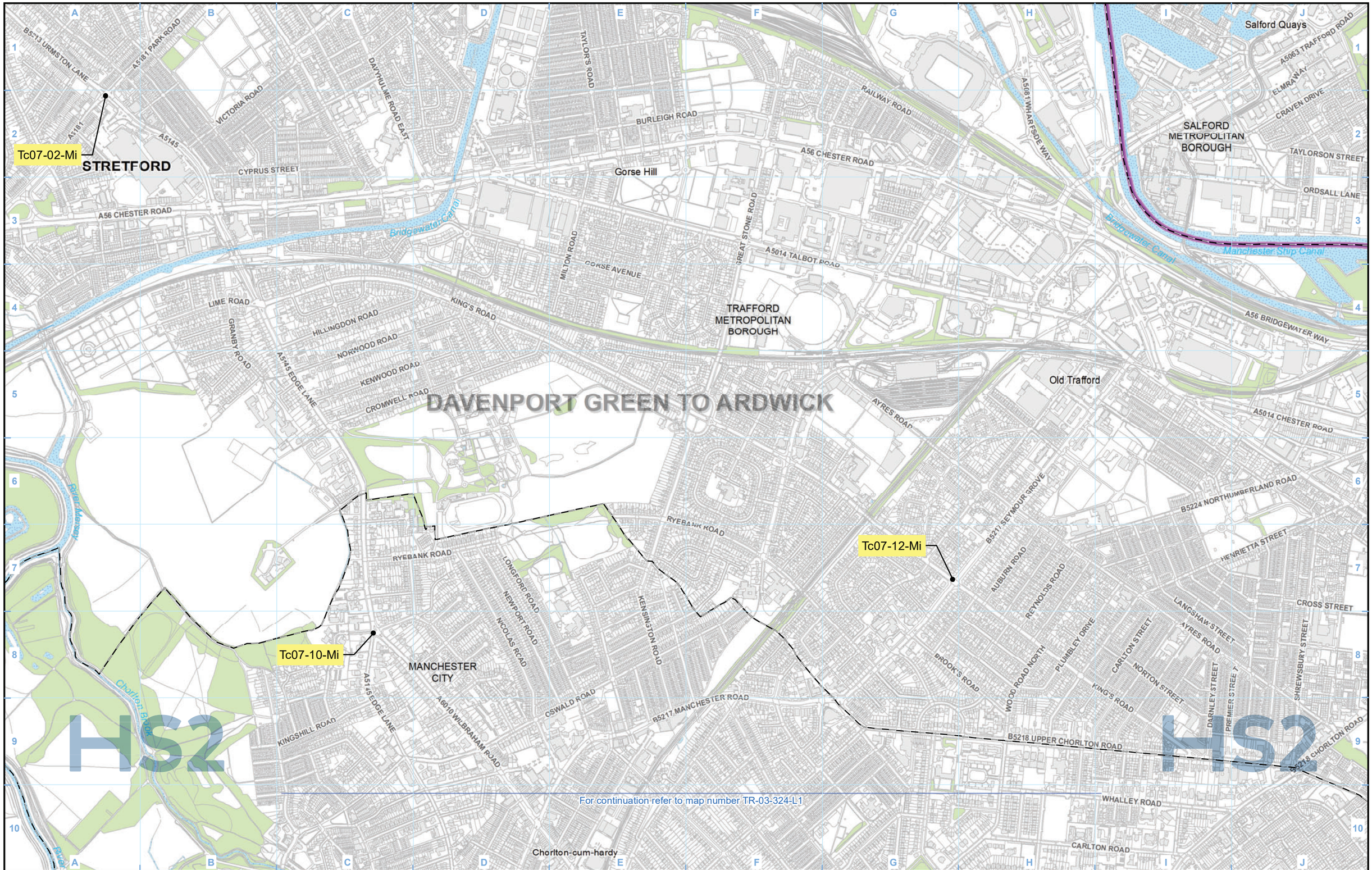

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-324-L2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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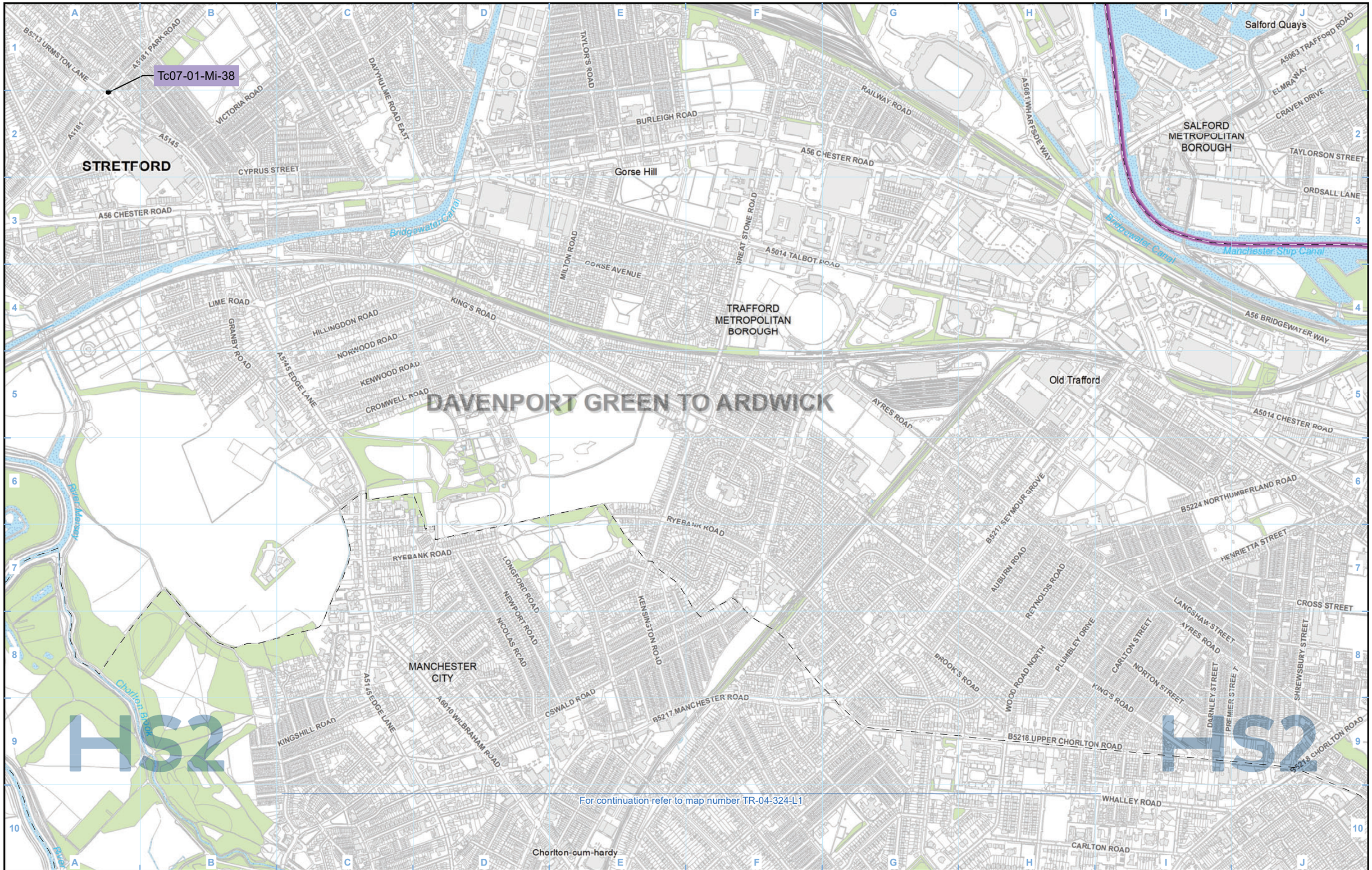

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-324-L2

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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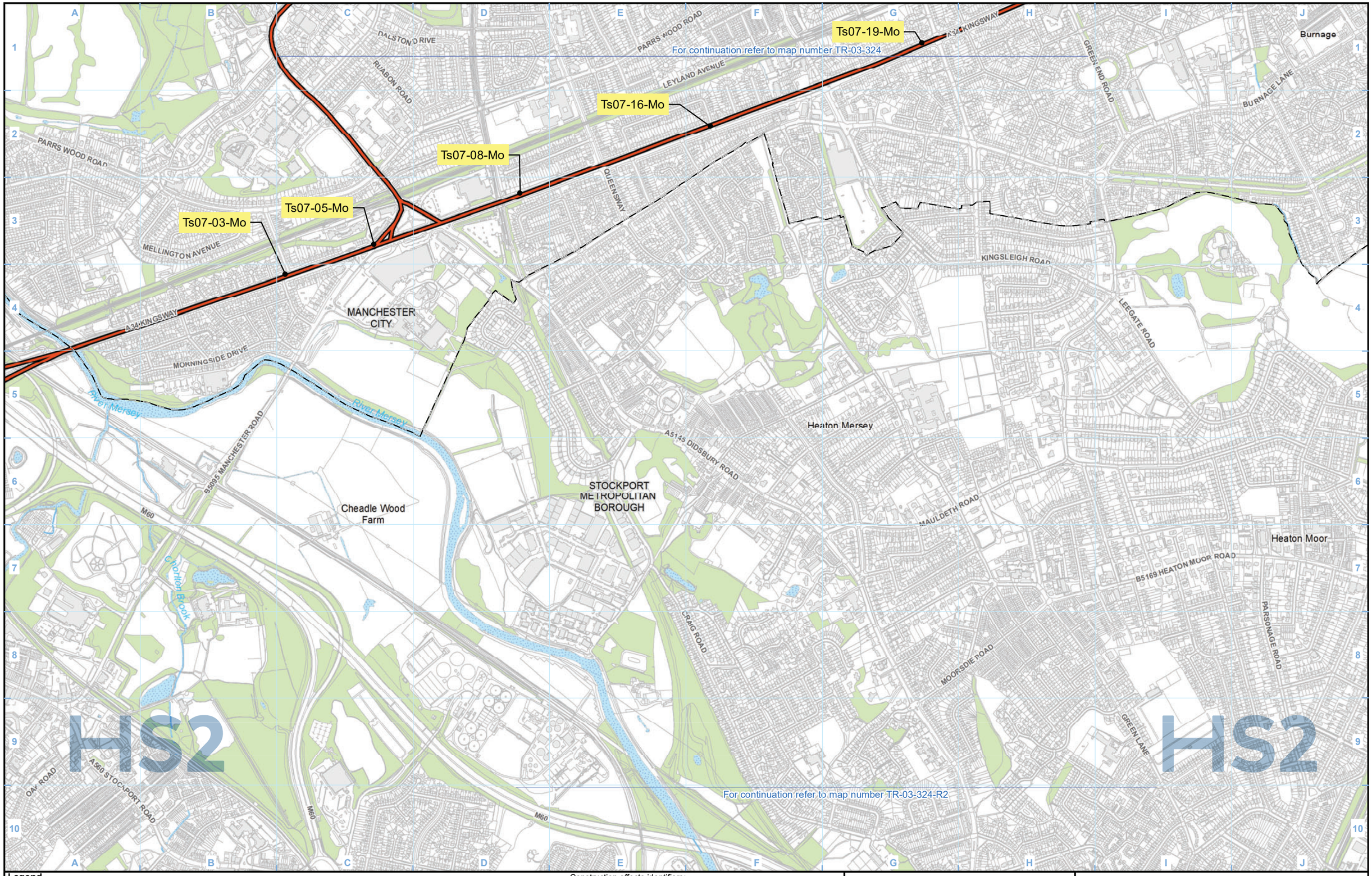

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-324-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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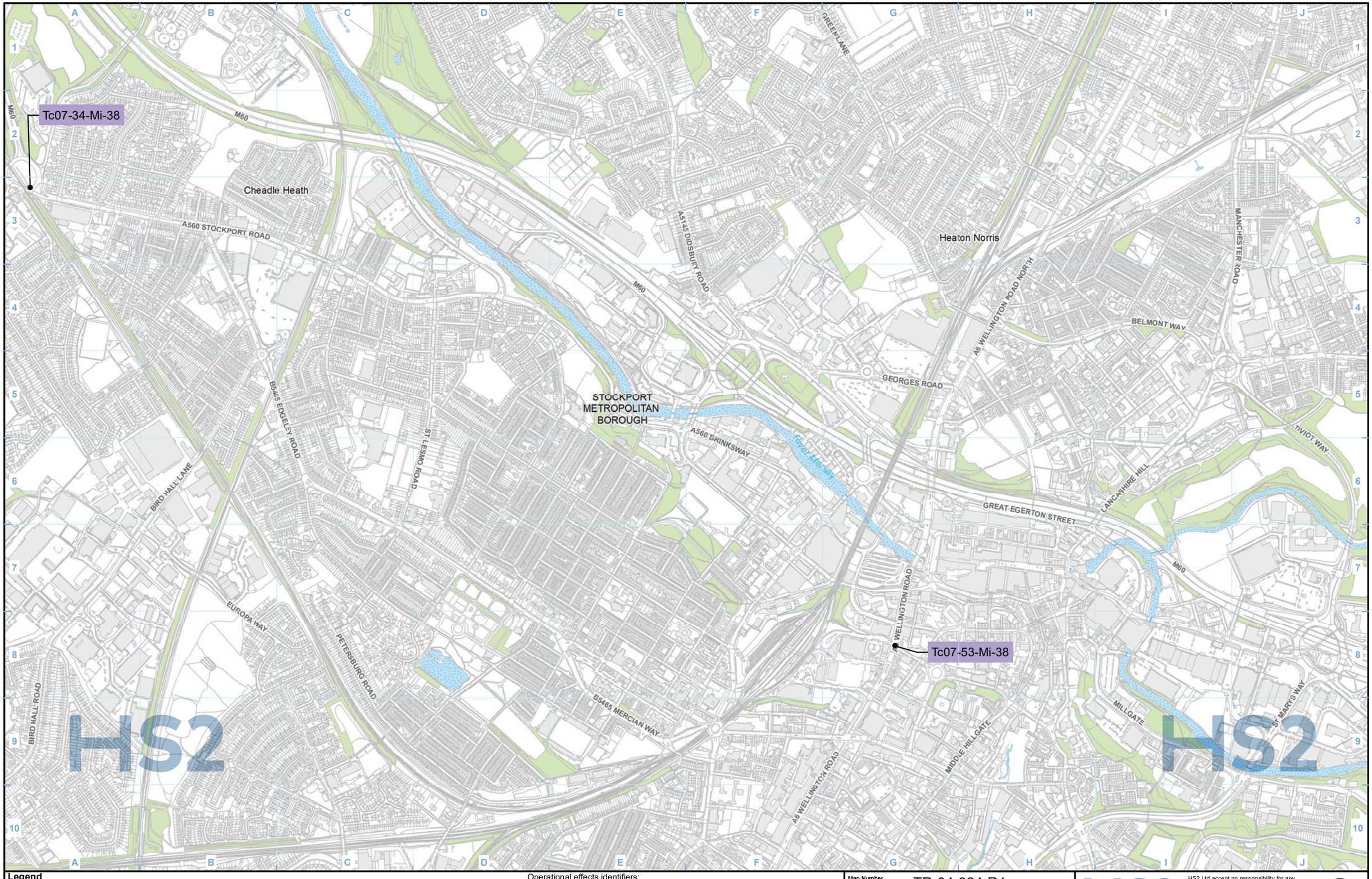

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-324-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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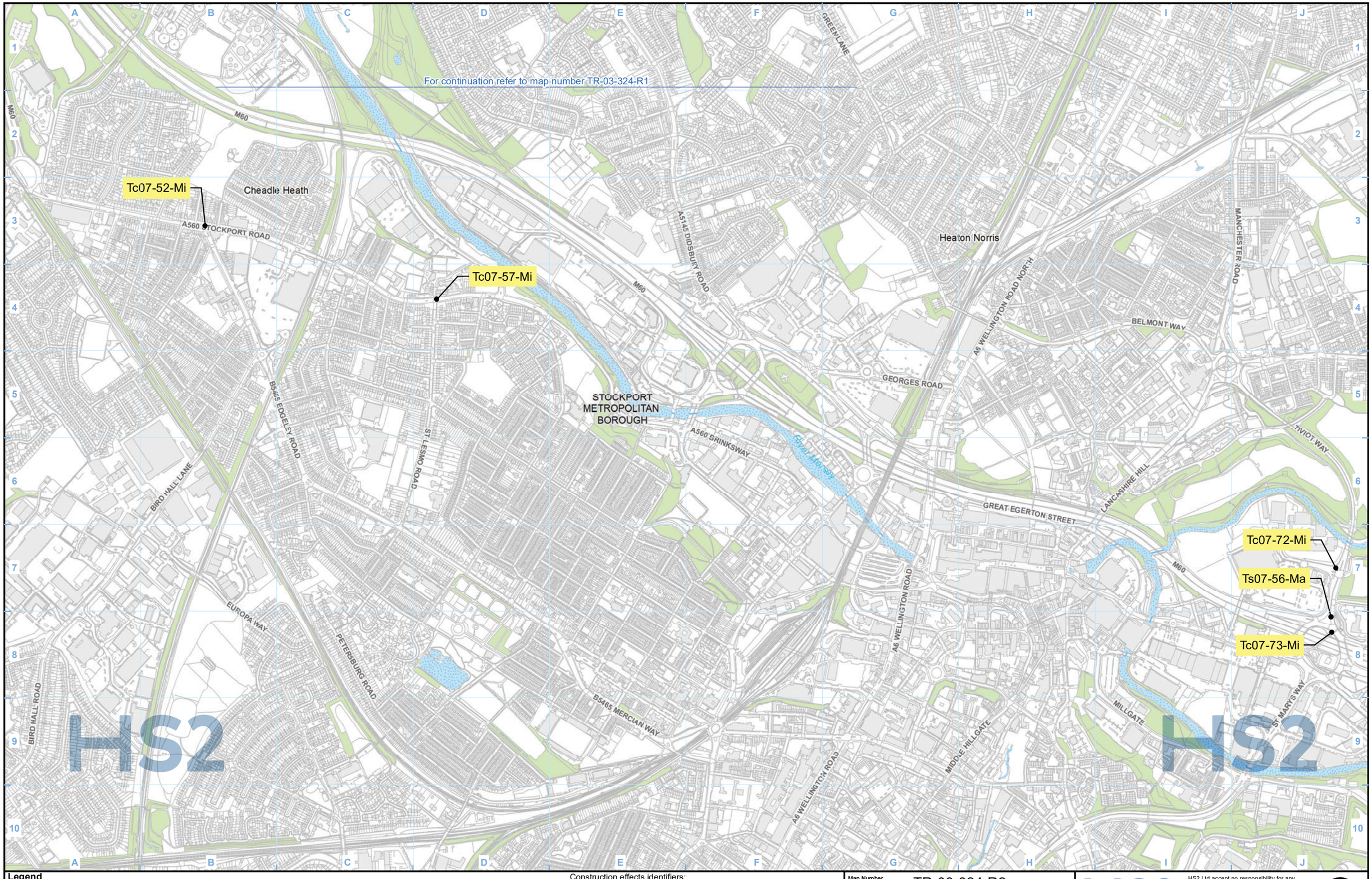

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-324-R2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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Date: 08/09/21

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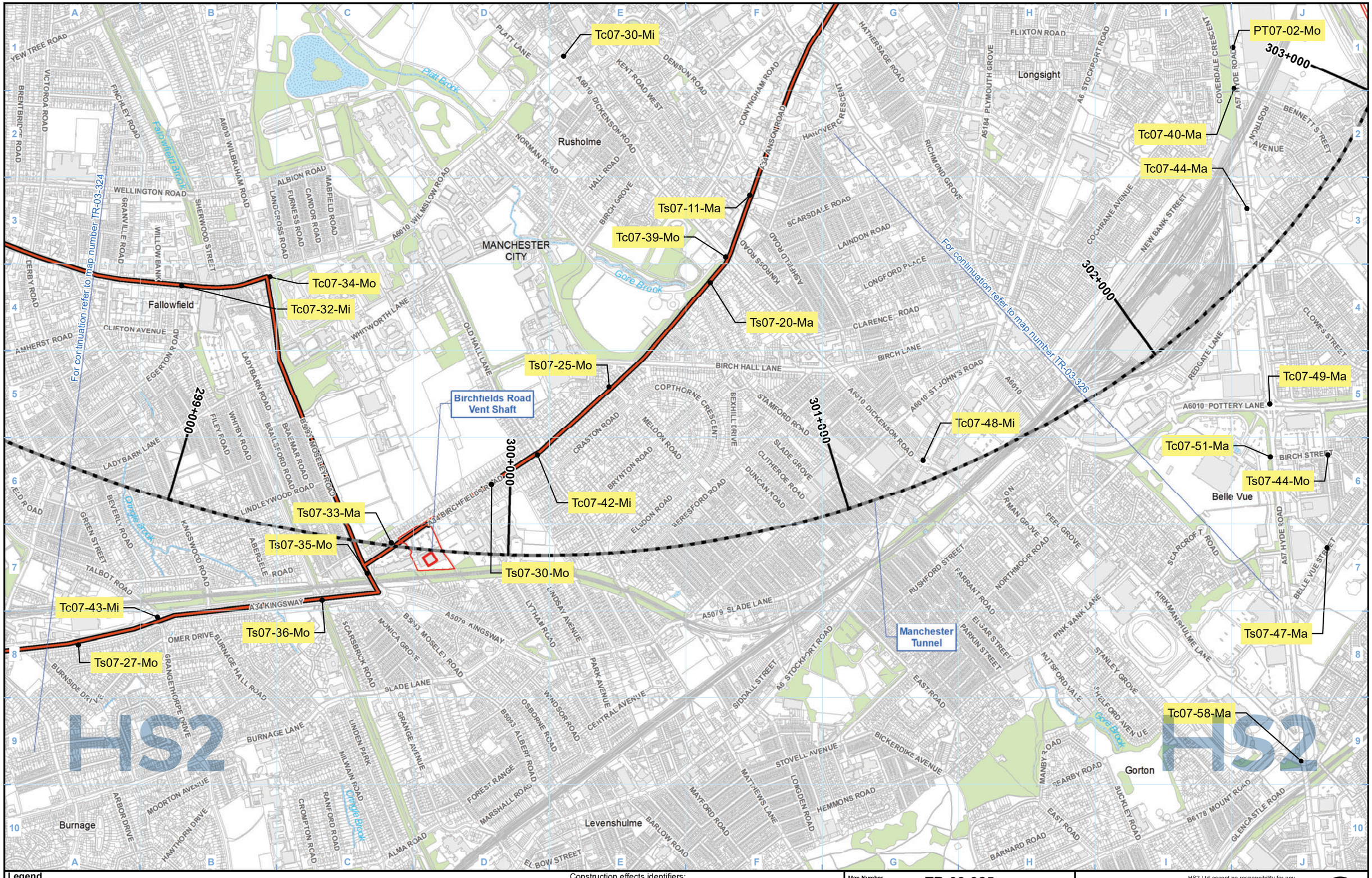

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-325

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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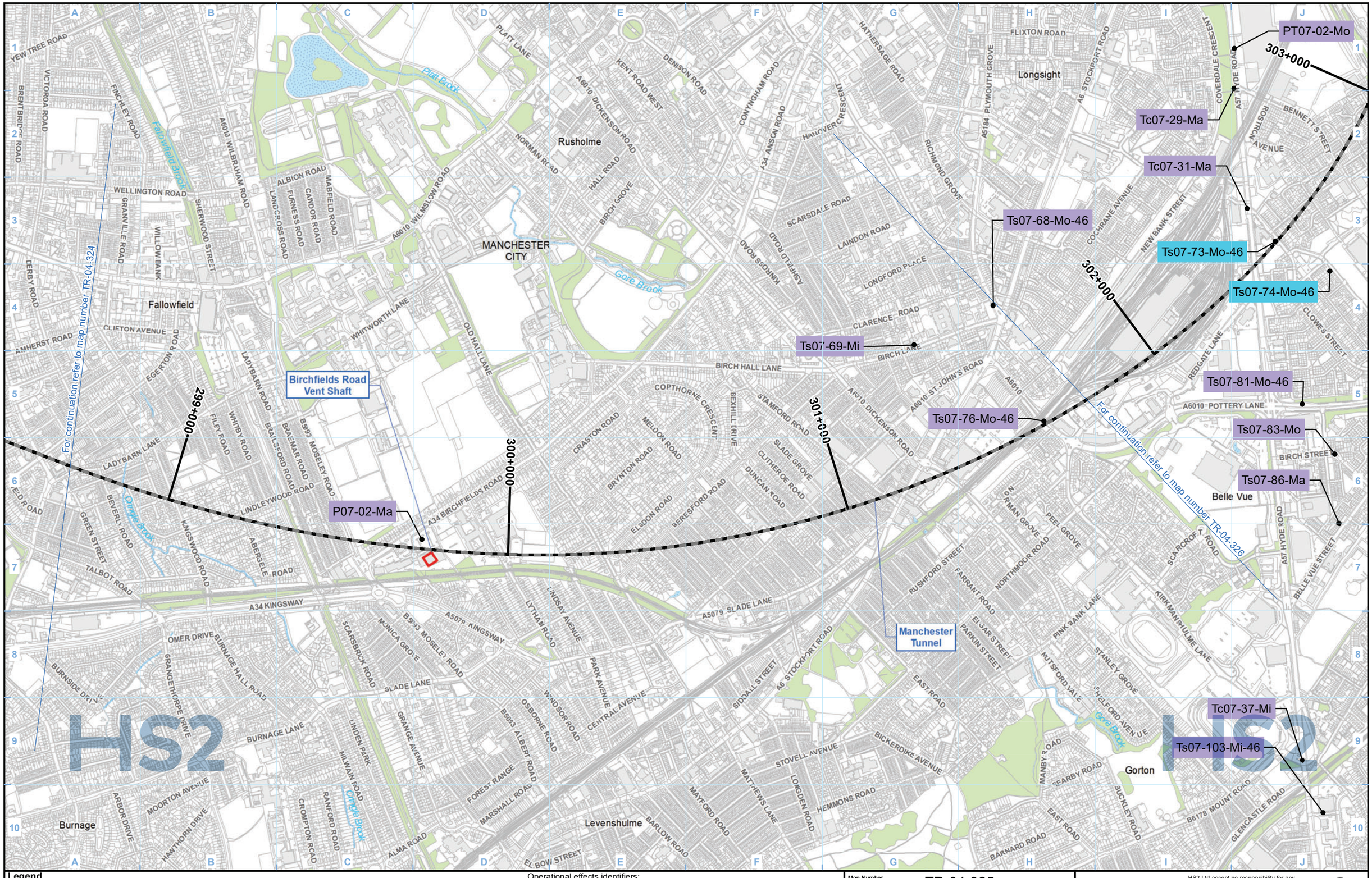
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-325

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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Date: 08/09/21

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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-325-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002914-P01

Date: 08/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-325-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003762-P01

Date: 08/09/21

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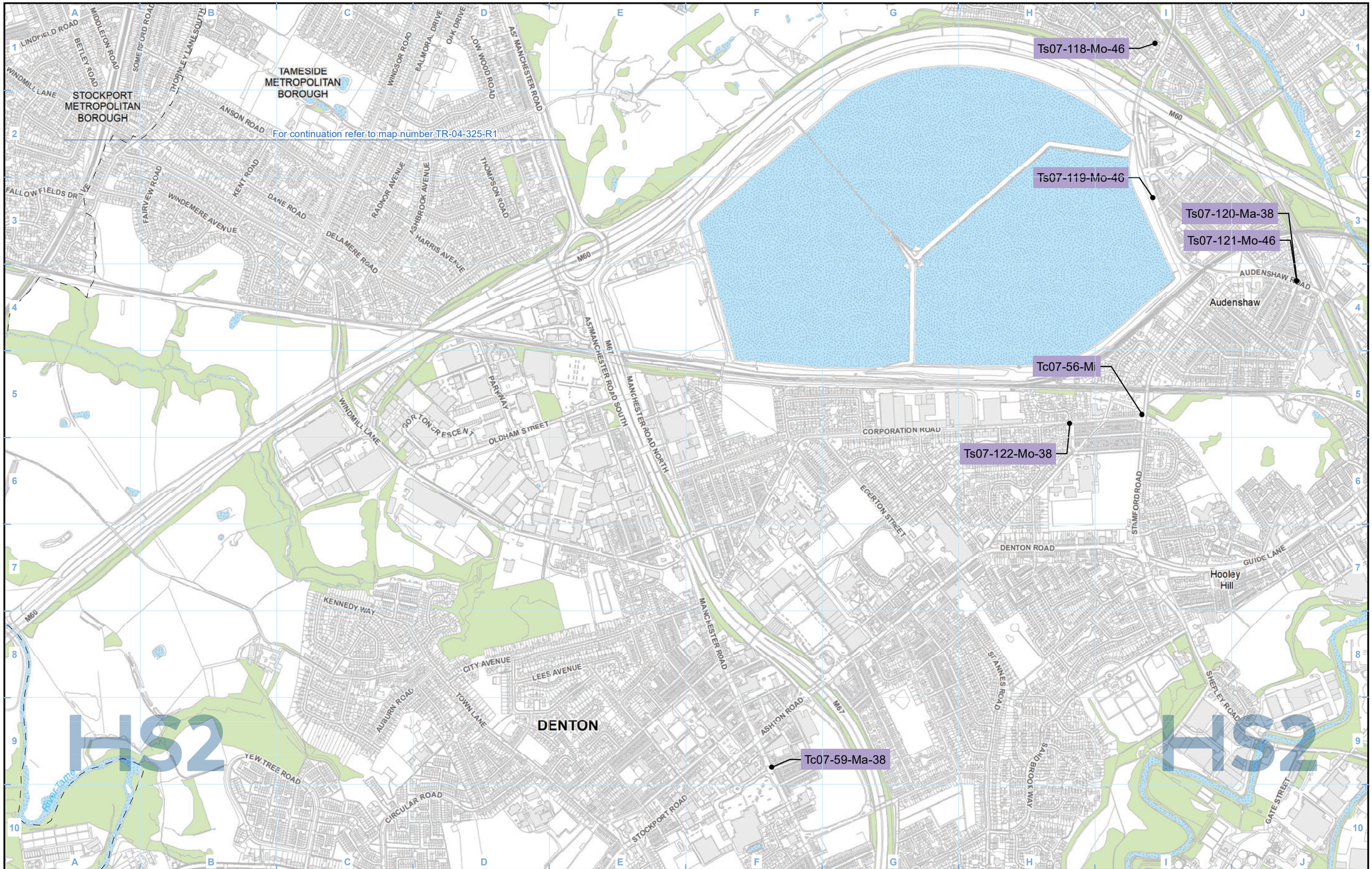

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38

- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-325-R2

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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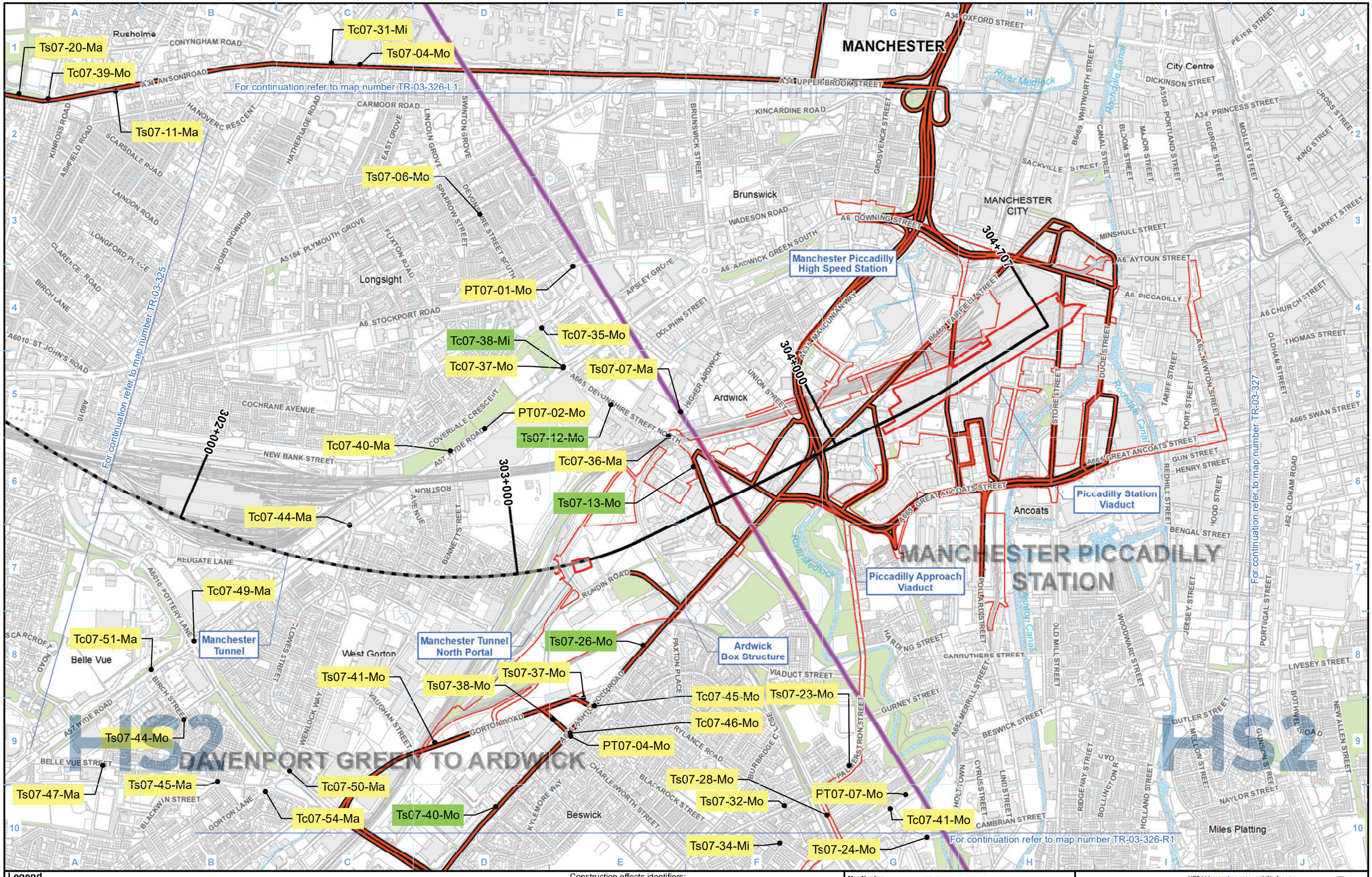
Date: 08/09/21



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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-326

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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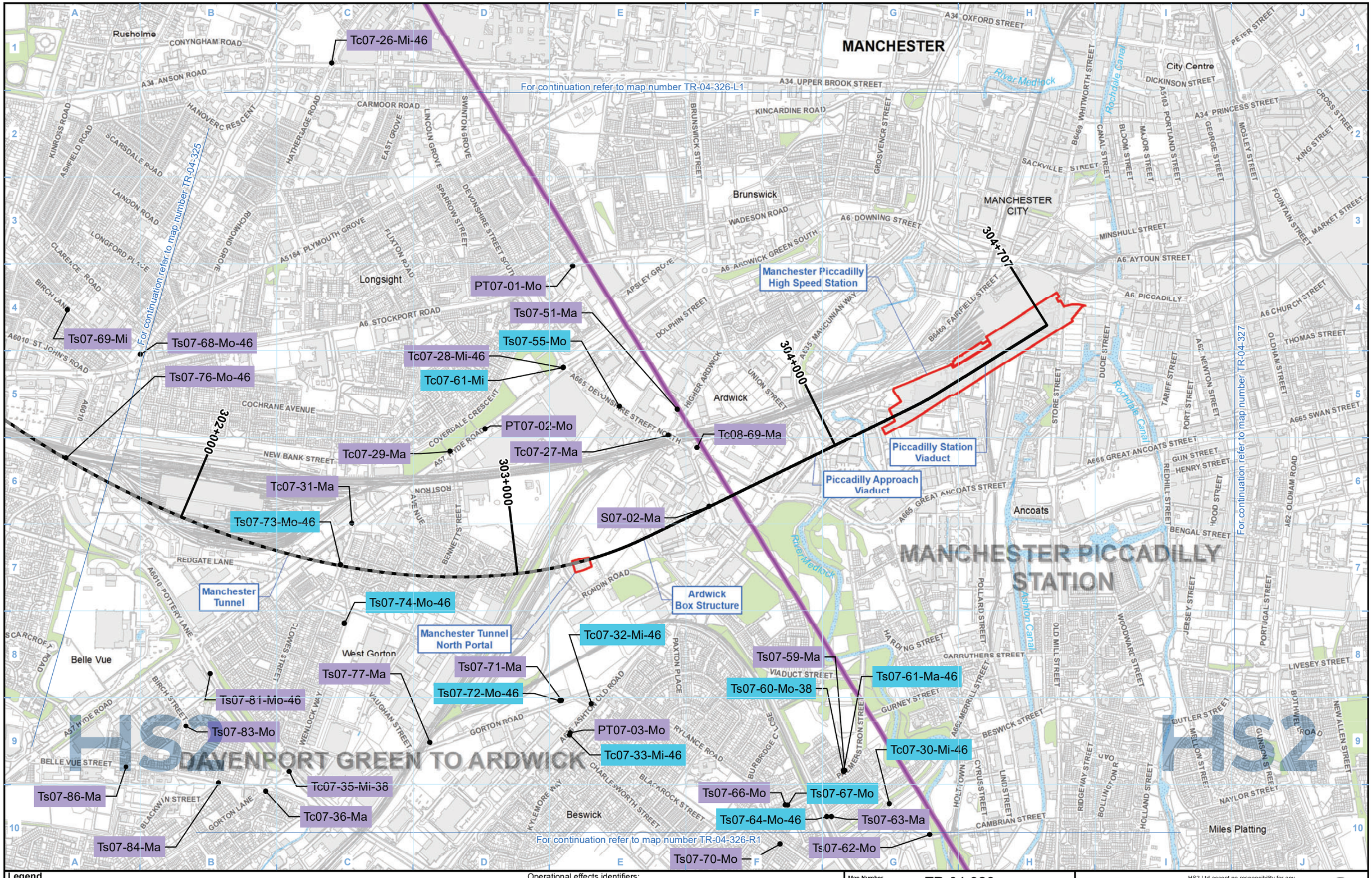

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-326

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002219-P01

Date: 08/09/21

DAVENPORT GREEN TO ARDWICK

Ts07-01-Mo

Ts07-02-Mo

Tc07-30-Mi

Ts07-20-Ma

Ts07-11-Ma

Tc07-31-Mi

Tc07-39-Mo

Ts07-04-Mo

MANCHESTER PICCADILLY STATION

For continuation refer to map number TR-03-326

HS2

HS2

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-326-L1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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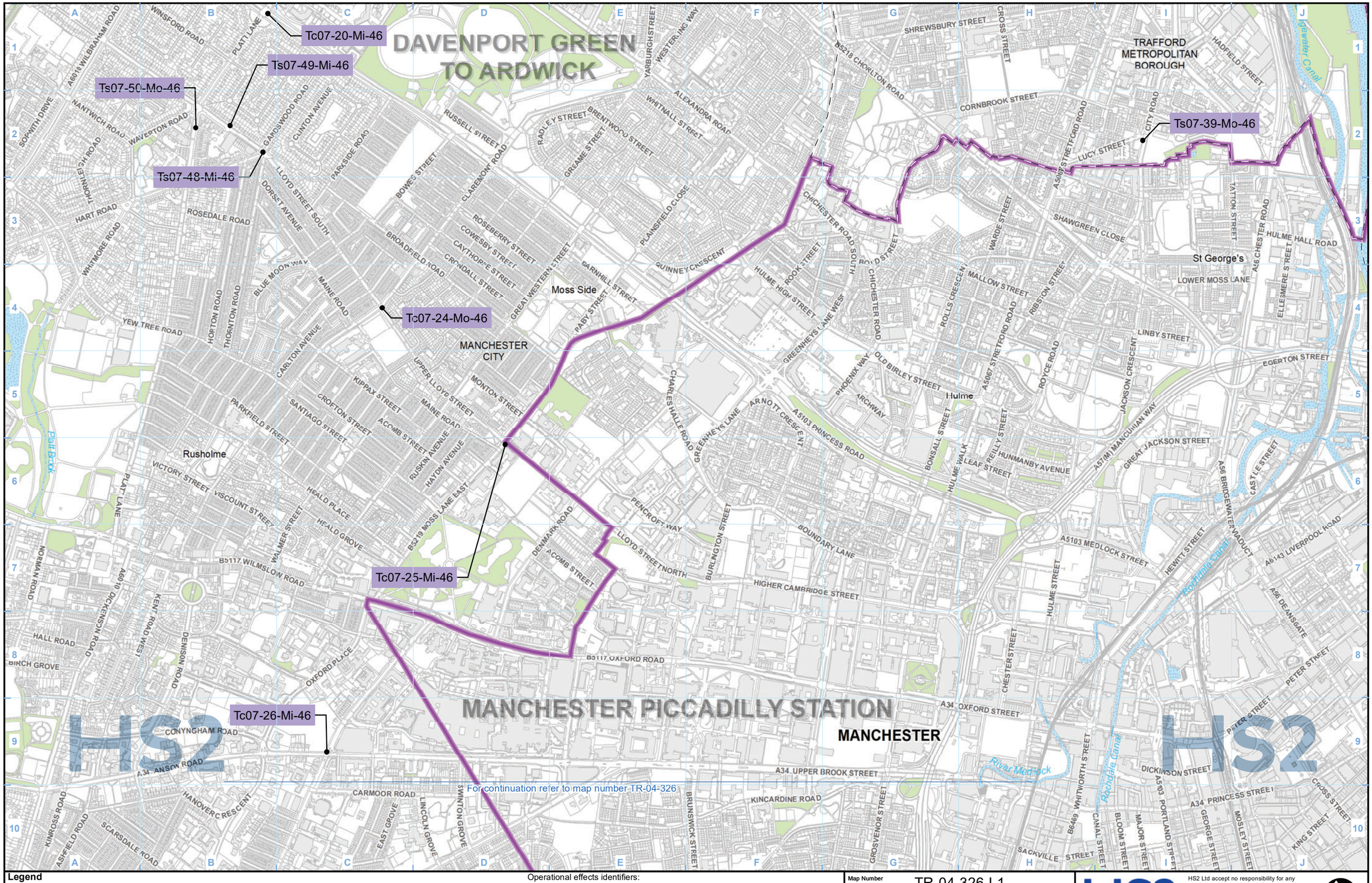

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- CA Number Identifier - see across
- Feature Number
- Effect Level
- Forecast Year

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-326-L1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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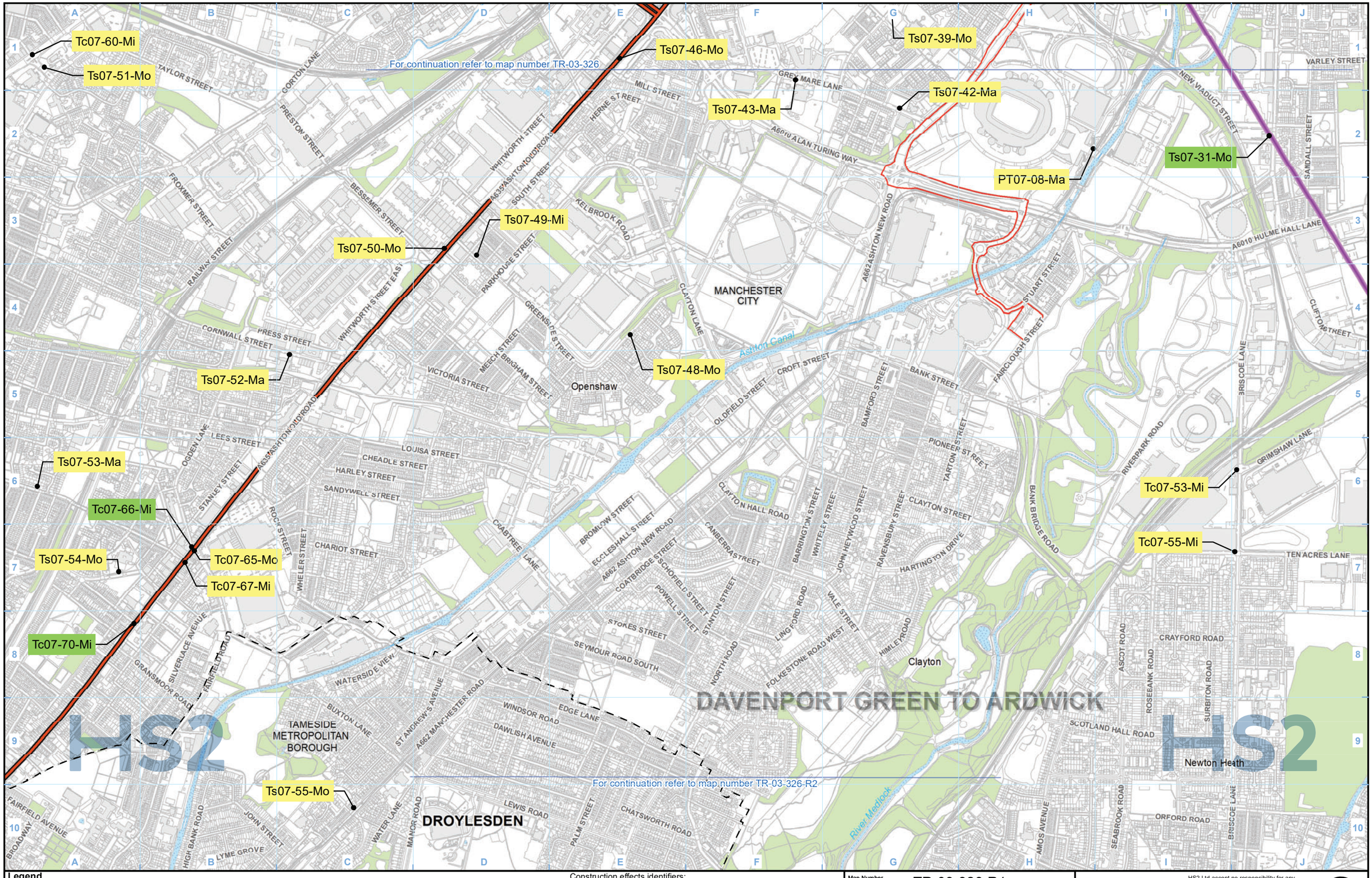

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-326-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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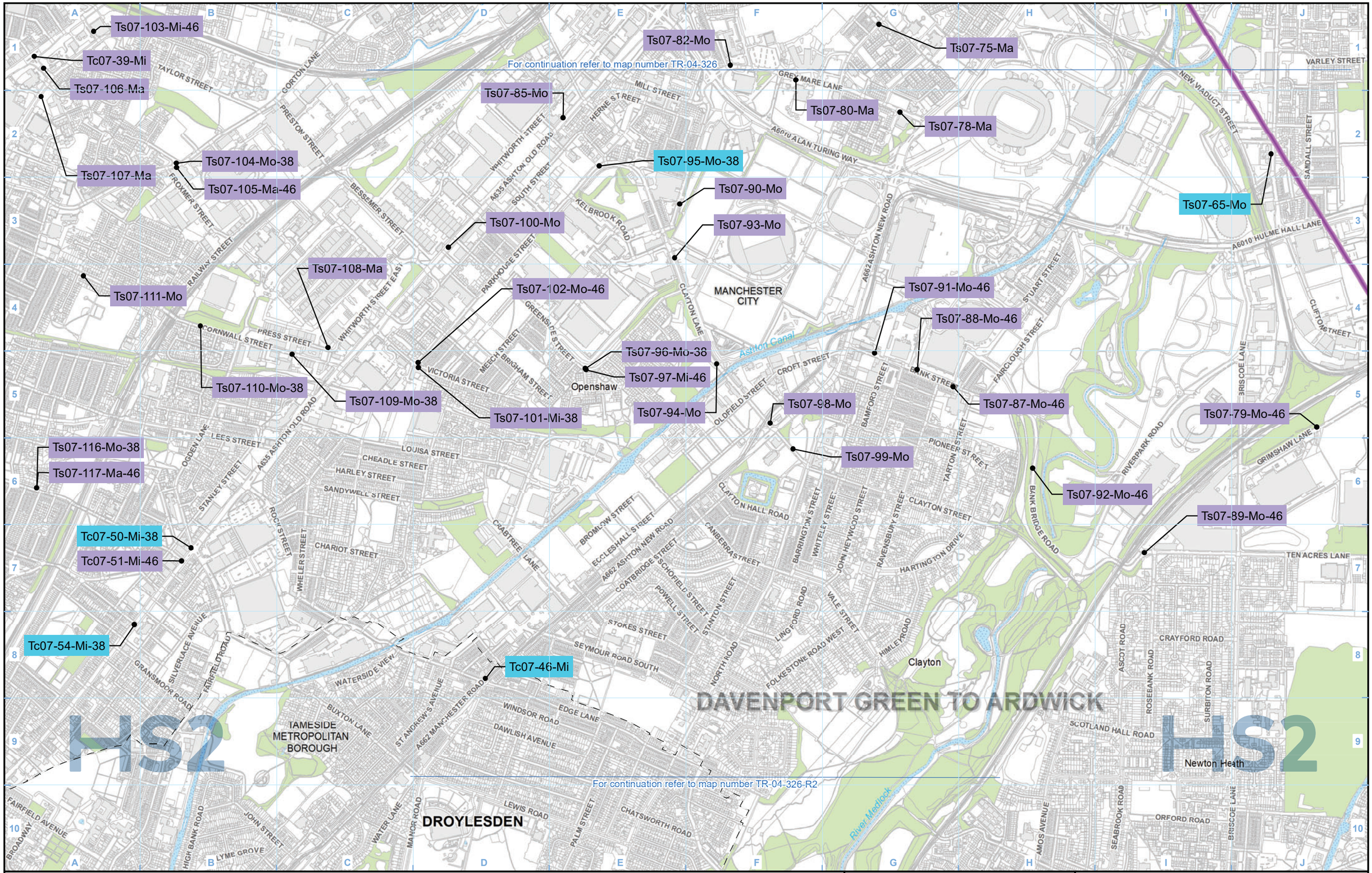

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-326-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003765-P01

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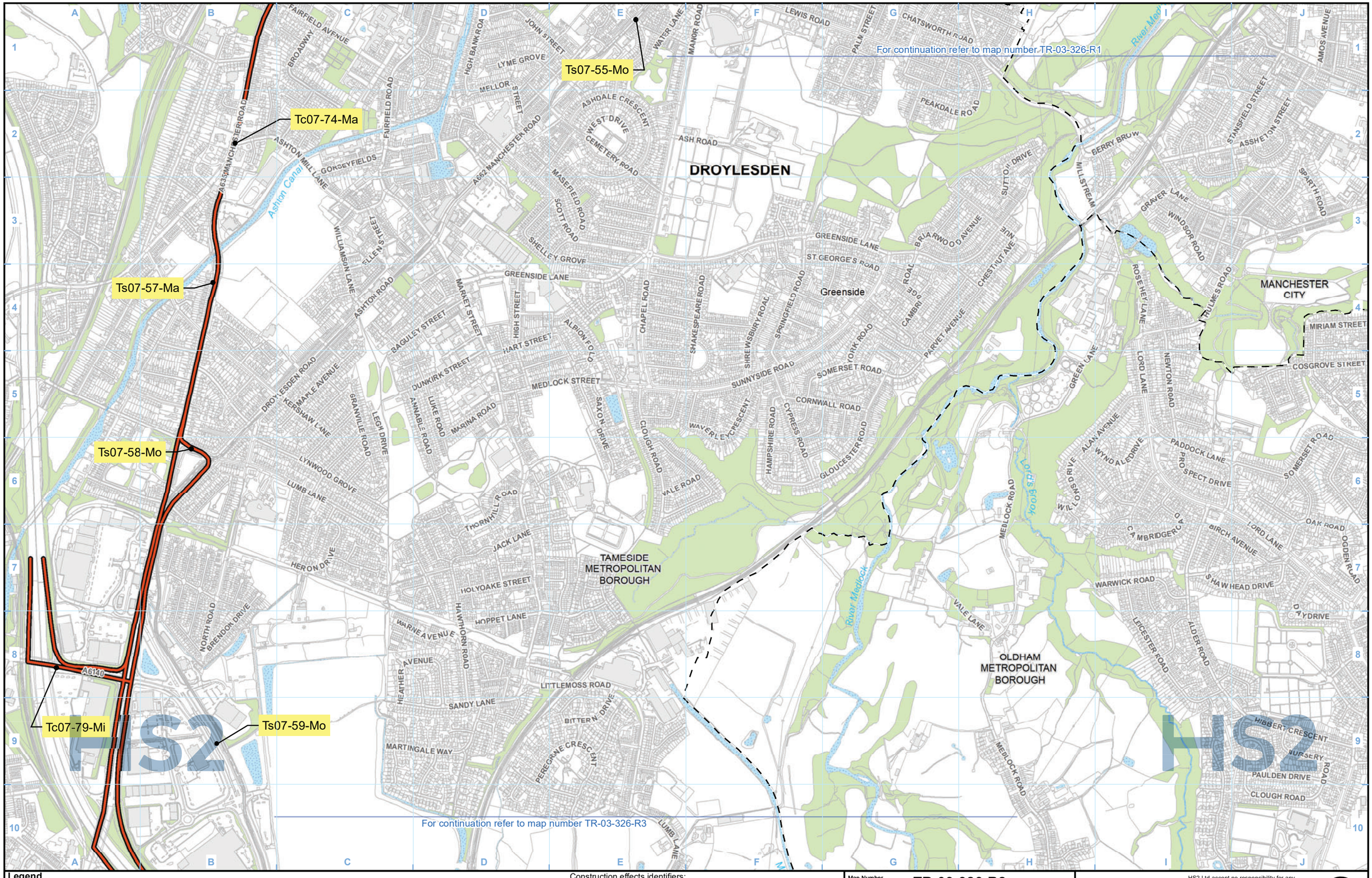

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-326-R2

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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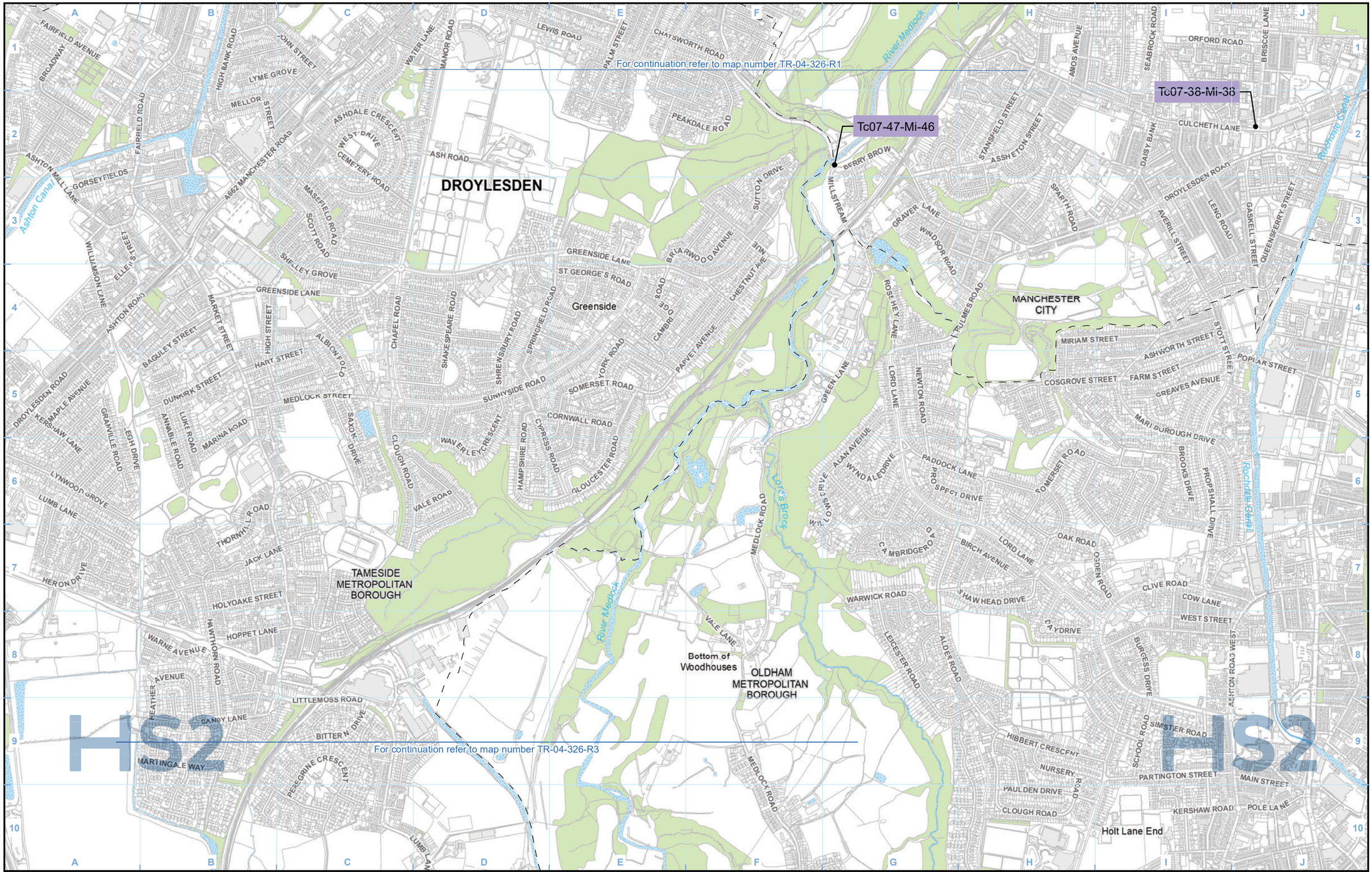
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-326-R2

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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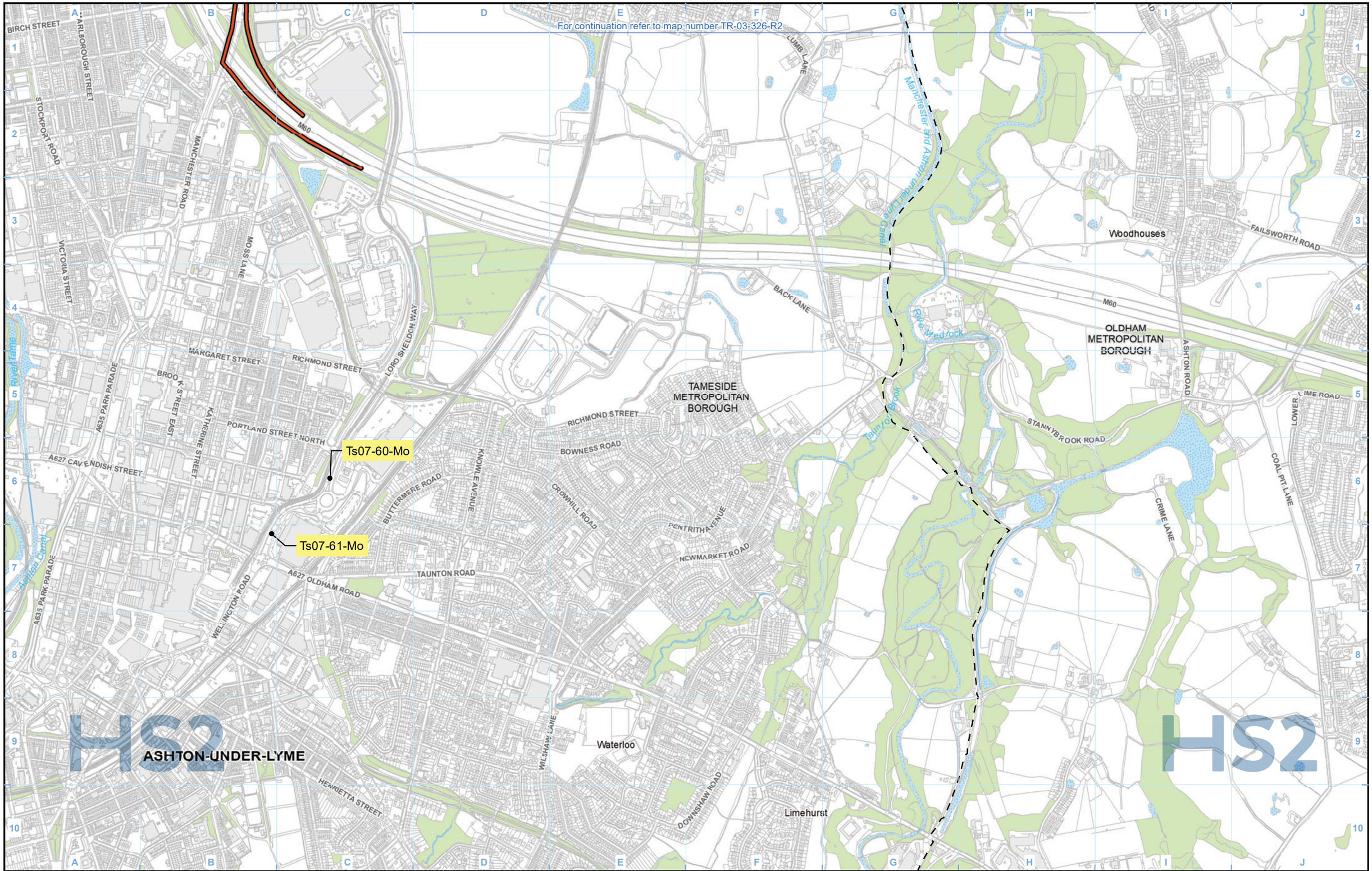
Doc Number: 2DE01-MWJ-EV-MAP-M000-003766-P01

Date: 08/09/21



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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
(Effect Level; Feature Number; CA Number; Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-326-R3

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07:
Davenport Green to Ardwick

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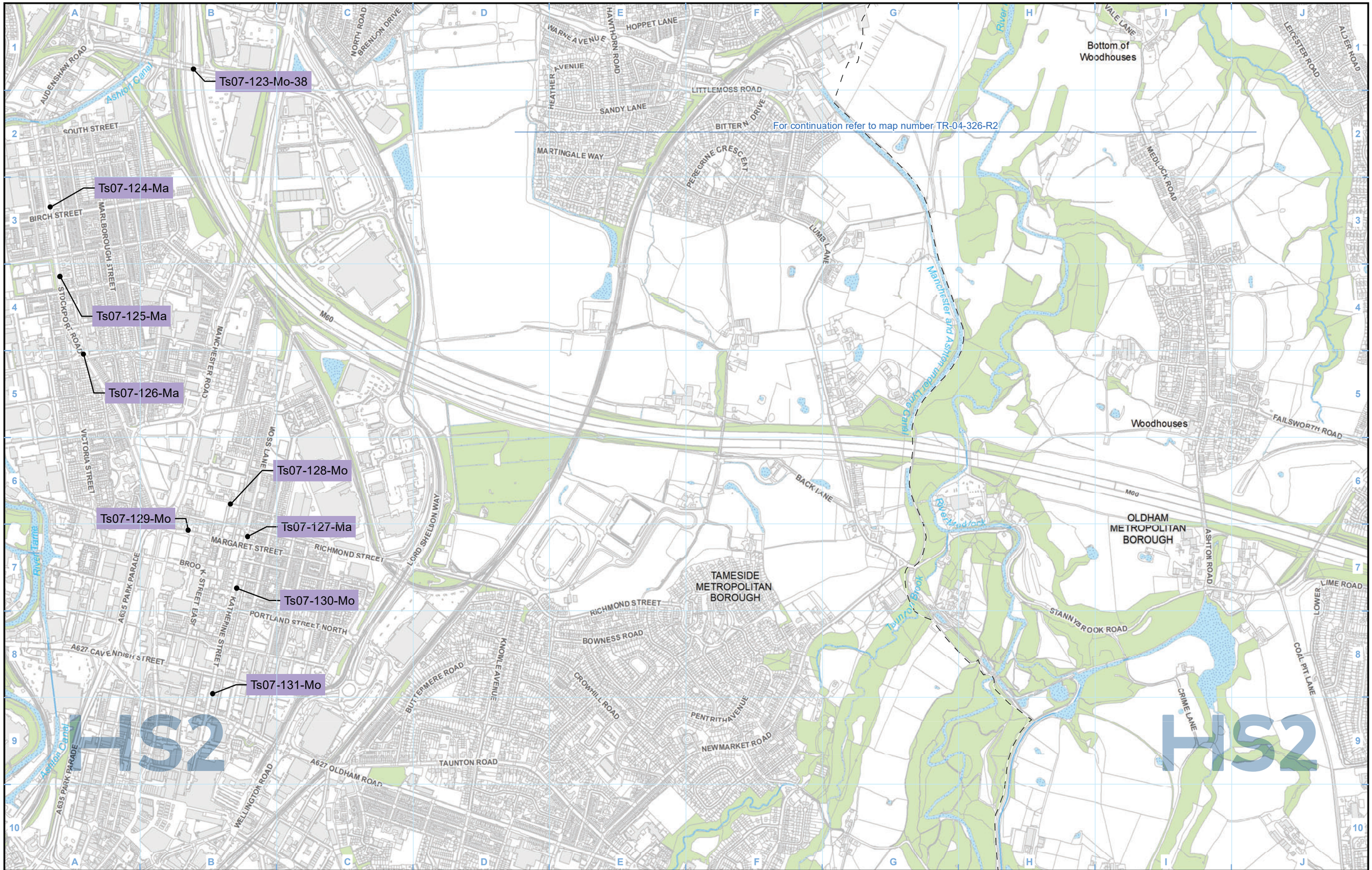
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-326-R3

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA07: Davenport Green to Ardwick

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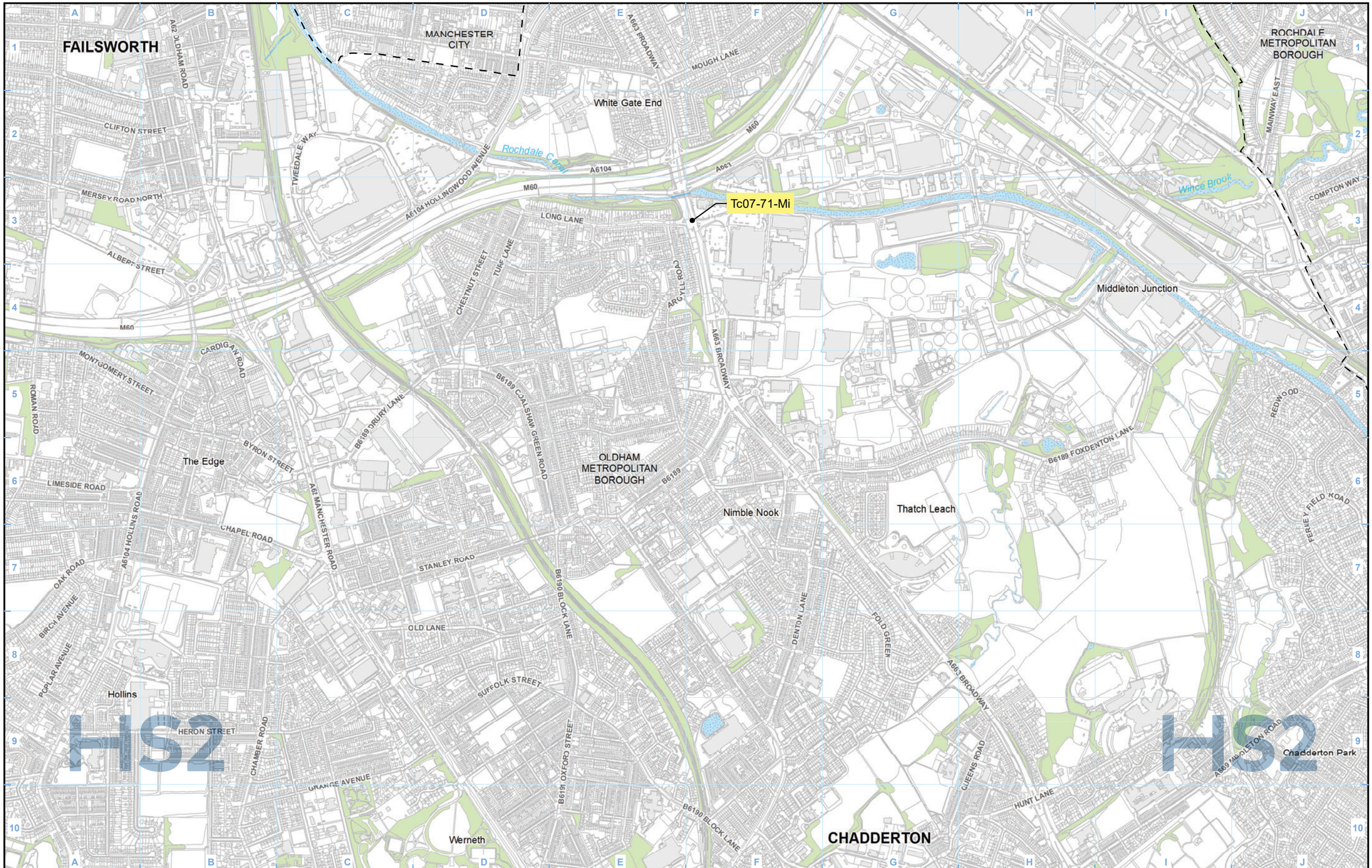
Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-326-R4

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA07: Davenport Green to Ardwick

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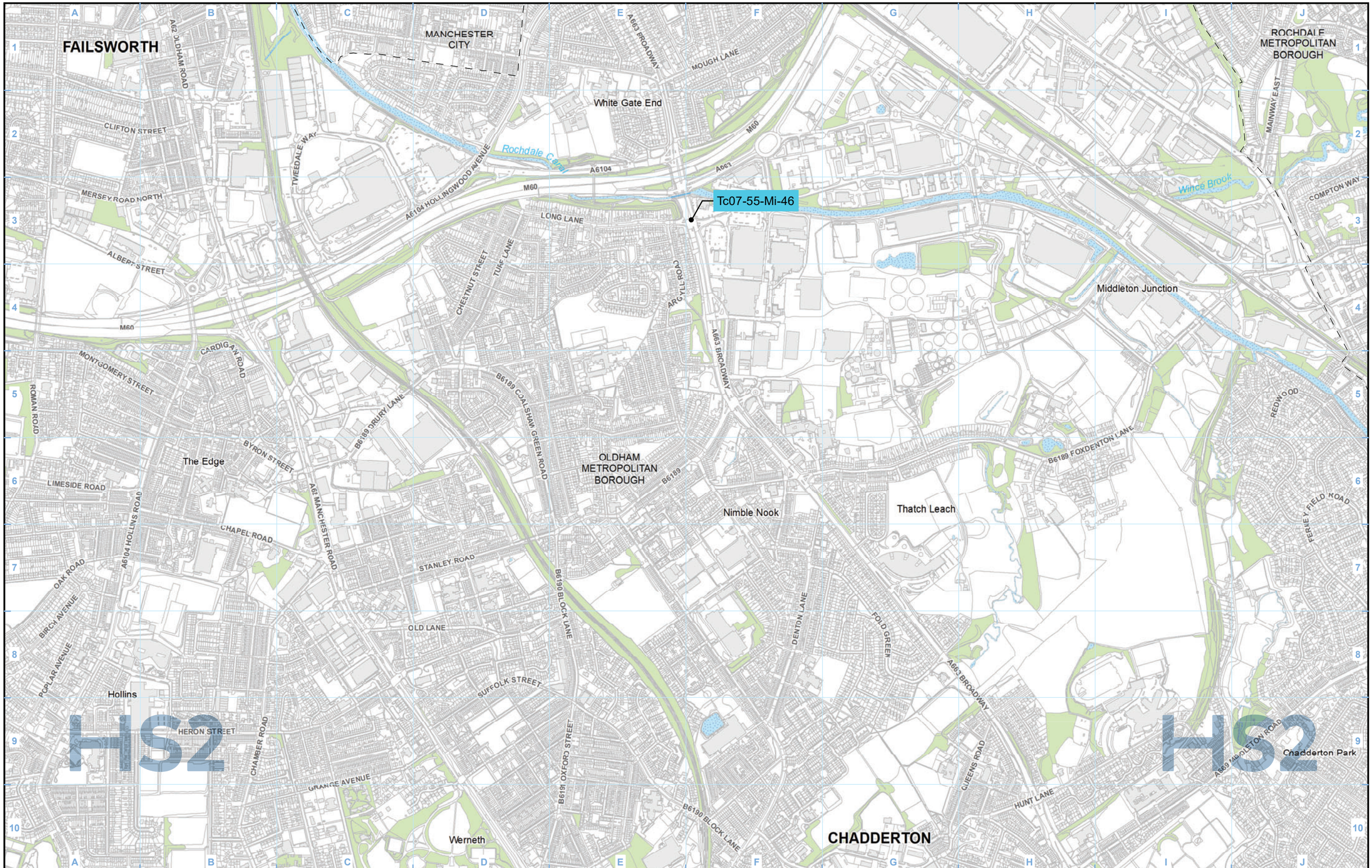
Date: 08/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-326-R4

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA07:
Davenport Green to Ardwick

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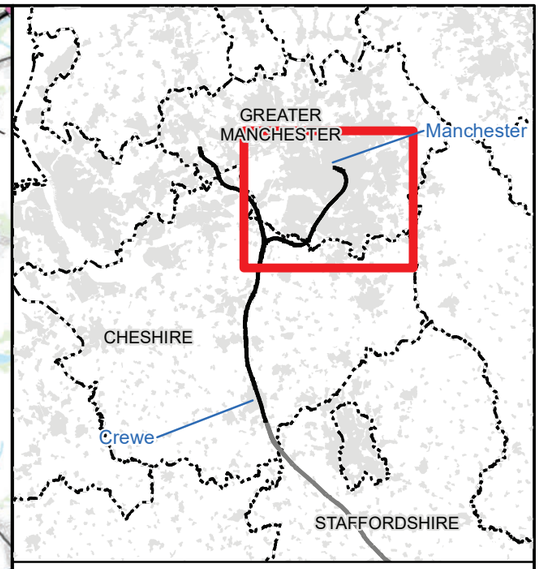
Date: 08/09/21



Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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	TR-08-INDEX-MA07
Map Name	Index Map of: Construction Routes to the Strategic Network
	Community Area MA07: Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002241-P01

Date: 05/08/21

For Continuation Refer To TR-08-313

METRES @ 1:25000
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MS 298+000

Wilmslow Road Vent Shaft Satellite Compound		
Start date	2028 Q2	Rail Systems and Civils
Duration of active use	4 years and 6 months	
Duration of busy movements (months)	4	
Peak daily vehicles - Cars & LGV	84-92	
Peak daily vehicles - HGV	85-92	

MS 296+000

A34 Kingsway

A5145 Barlow Moor Road

B5093 Wilmslow Road

M60 Junction 5

MS 294+000

Palatine Road Vent Shaft Satellite Compound		
Start date	2027 Q2	Rail Systems and Civils
Duration of active use	6 years	
Duration of busy movements (months)	6	
Peak daily vehicles - Cars & LGV	133-182	
Peak daily vehicles - HGV	128-154	

A5103 Princess Parkway

MA07 Davenport Green to Ardwick

M56 Junction 3A

M56 Junction 1

MA06 Hulseheath to Manchester Airport

MS 292+000

Altrincham Road Vent Shaft Satellite Compound		
Start date	2028 Q1	Rail Systems and Civils
Duration of active use	4 years 6 months	
Duration of busy movements (months)	8	
Peak daily vehicles - Cars & LGV	84-92	
Peak daily vehicles - HGV	64-86	

For Continuation Refer To TR-08-311

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number
TR-08-312

Map Name
Construction Routes to the Strategic Road Network

Community Area
MA07 Davenport Green to Ardwick

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Doc Number: 2DE01-MWJ-TM-DPL-M003-312000 P03 **Date:** 25/06/21

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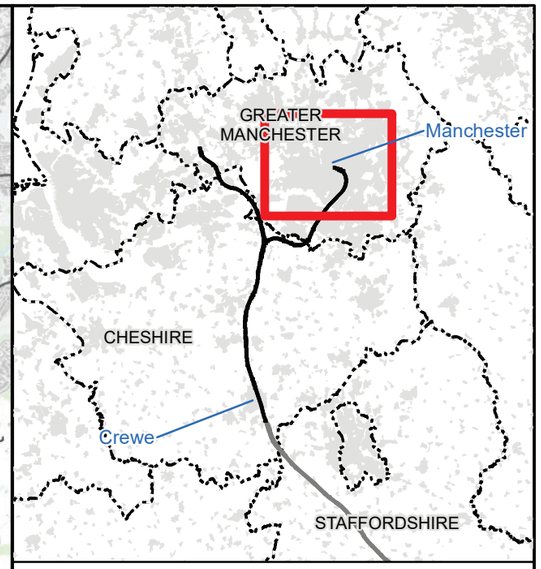
HS2

High Speed Rail (Crewe – Manchester) Environmental Statement

MA08: Manchester Piccadilly Station

TR-01 - Station Impacts (Operational)
TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes
TR-04 - Significant Residual Transport Effects Arising from Operation
TR-08 - Construction Routes to the Strategic Network



Map Series Information:

This map series identifies the modal station access and facilities at HS2 station buildings once the new/enhanced stations are operational. This includes station building access, pedestrian links, cycle links and parking, bus links (including bus stops), links to classic rail and Local Underground, taxi access and ranks, and car parking.

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

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: TR-01-INDEX-MA08

Map Name: Index Map of: Station Impacts (Operational)

Community Area MA08: Manchester Piccadilly Station

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Doc Number: 2DE01-MWJ-EV-MAP-M000-002414-P01

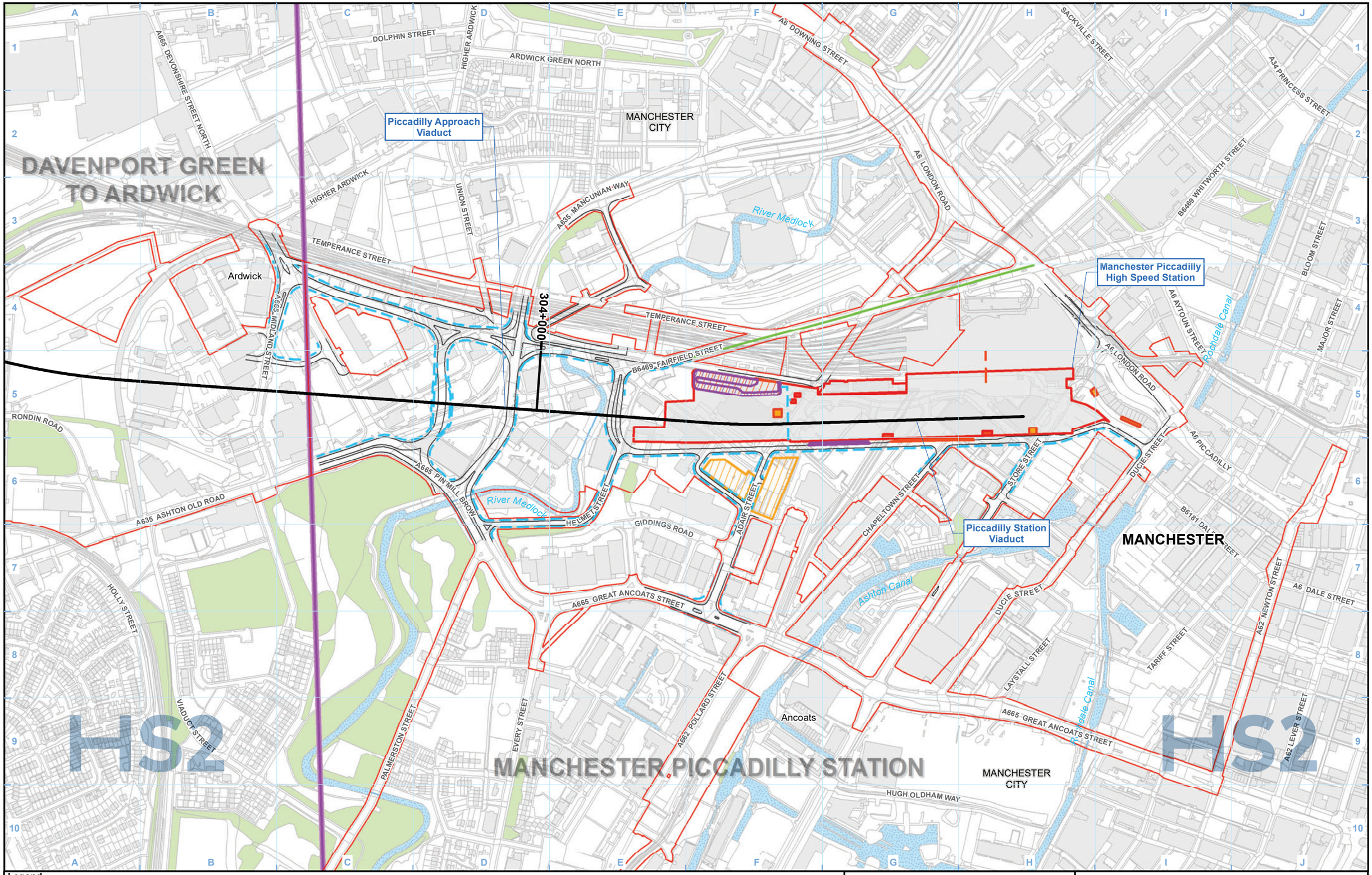
Date: 05/08/21

DAVENPORT GREEN TO ARDWICK

MANCHESTER PICCADILLY STATION

HS2

HS2



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
- HS2 engineering design
- Cycle parking
- Bus and or coach stops
- Station access points
- Potential bus links
- Link to classic rail
- Pedestrian and cycle links
- Taxi ranks
- Kiss and ride
- Car parks

Map Number TR-01-302

Map Name
Station Impacts (Operational)

Community Area MA08:
Manchester Piccadilly Station

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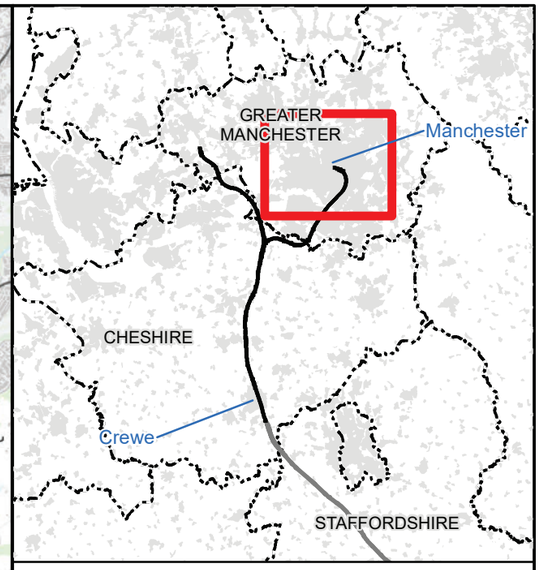
Doc Number: 2DE01-MWJ-EV-MAP-M000-002142-P01

Date: 07/09/21



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-03-INDEX-MA08

Map Name: Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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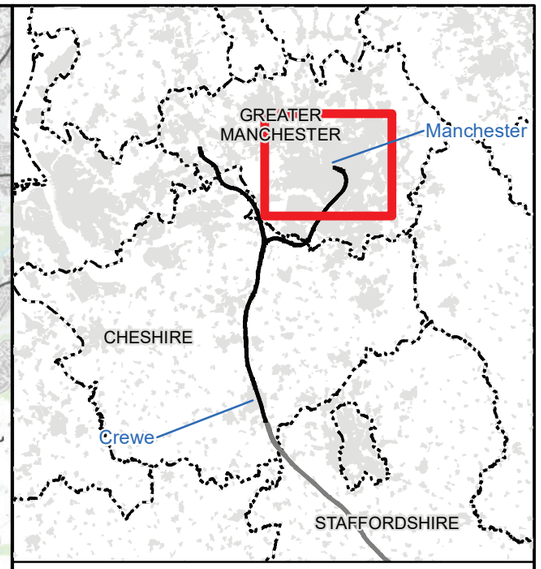
Doc Number: 2DE01-MWJ-EV-MAP-M000-002185-P01

Date: 13/09/21



Map Series Information:

This map series identifies the significant residual transport effects during the operation of HS2 for each CA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2038 (Opening Year) and 2046 (Design Year).

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

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: TR-04-INDEX-MA08

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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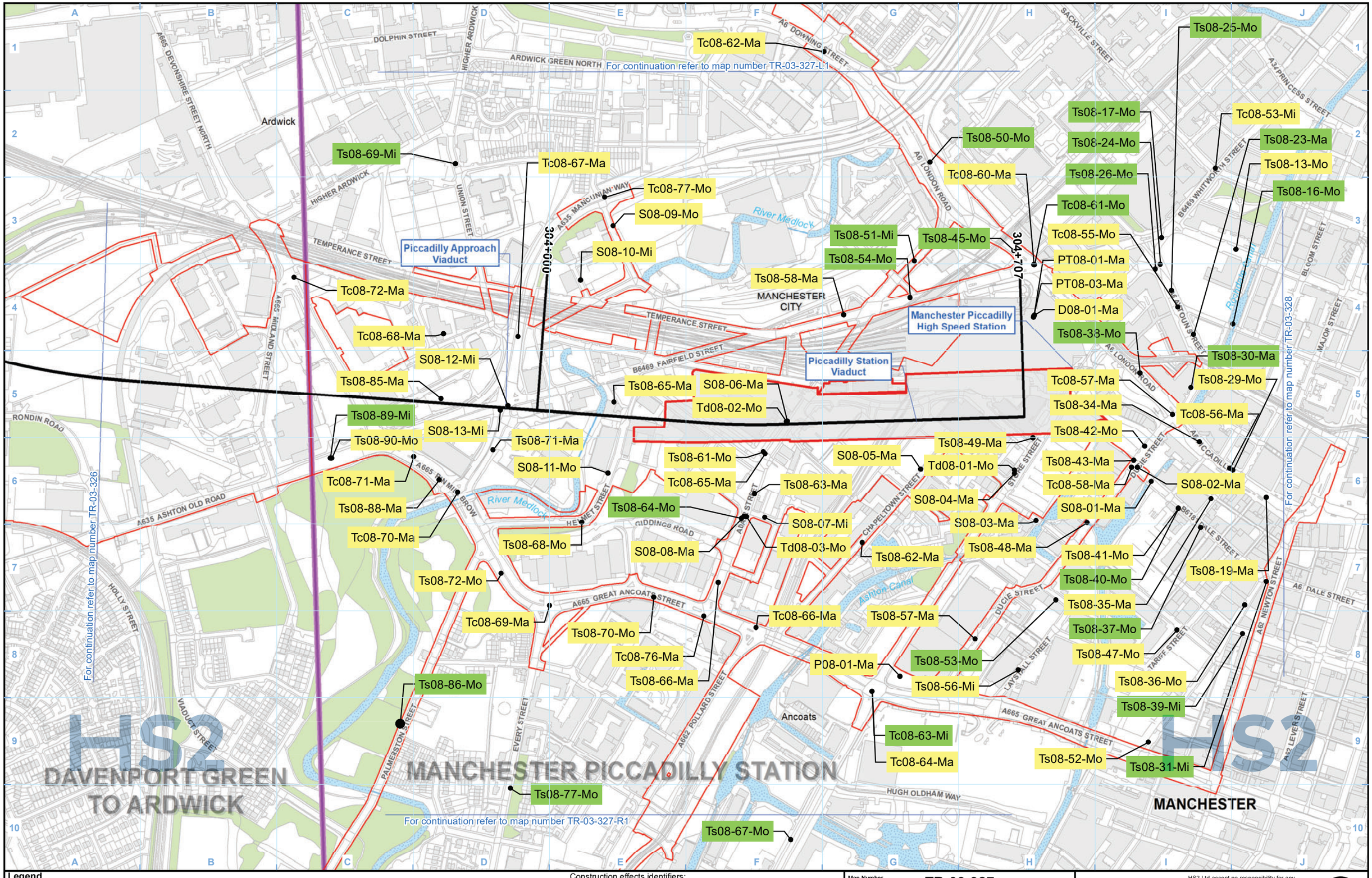
Date: 06/09/21



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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-327

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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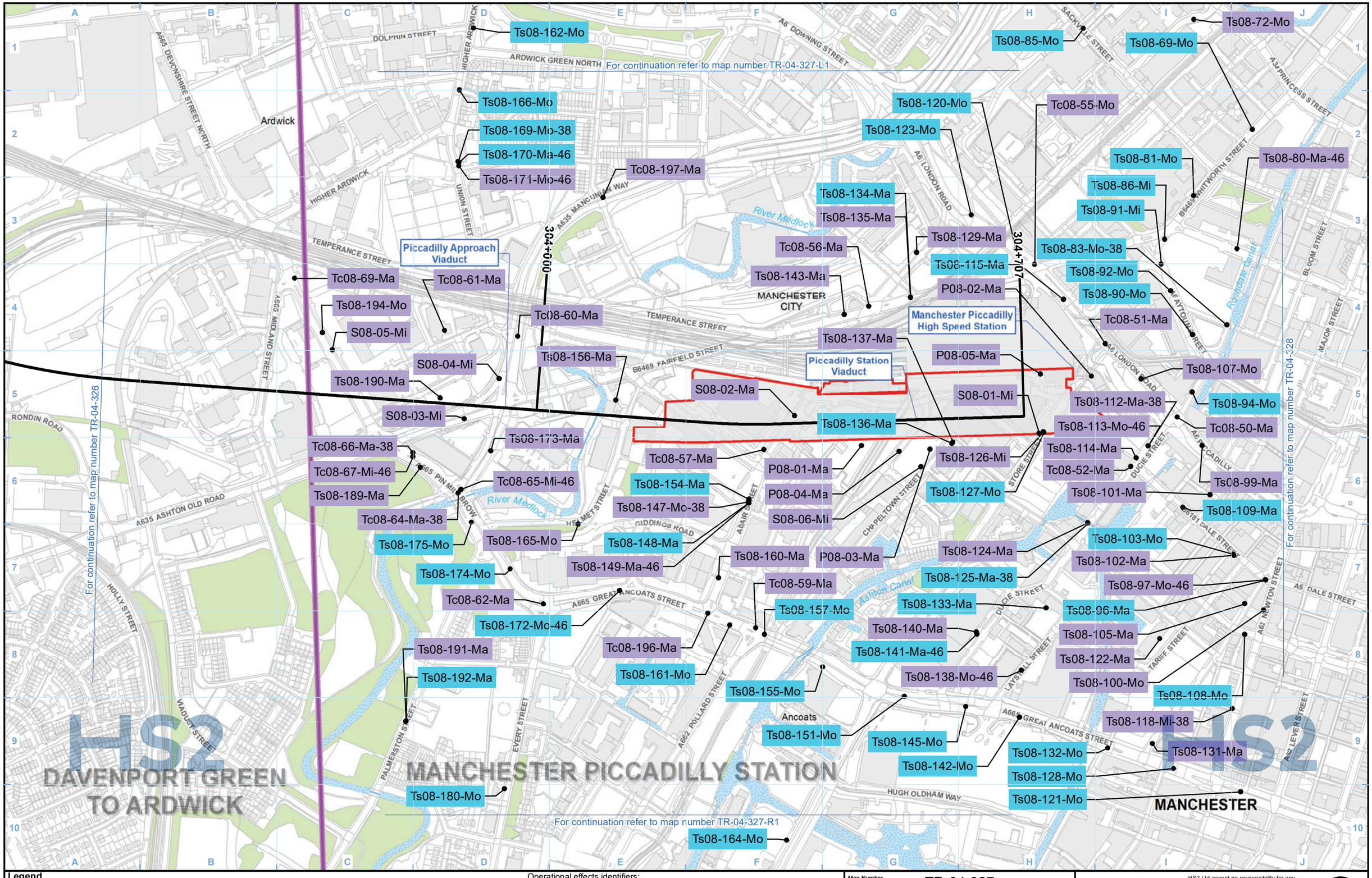
Doc Number: 2DE01-MWJ-EV-MAP-M000-003970-P01

Date: 07/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38 (Forecast Year; Effect Level; Feature Number; CA Number; Identifier - see across)

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-327

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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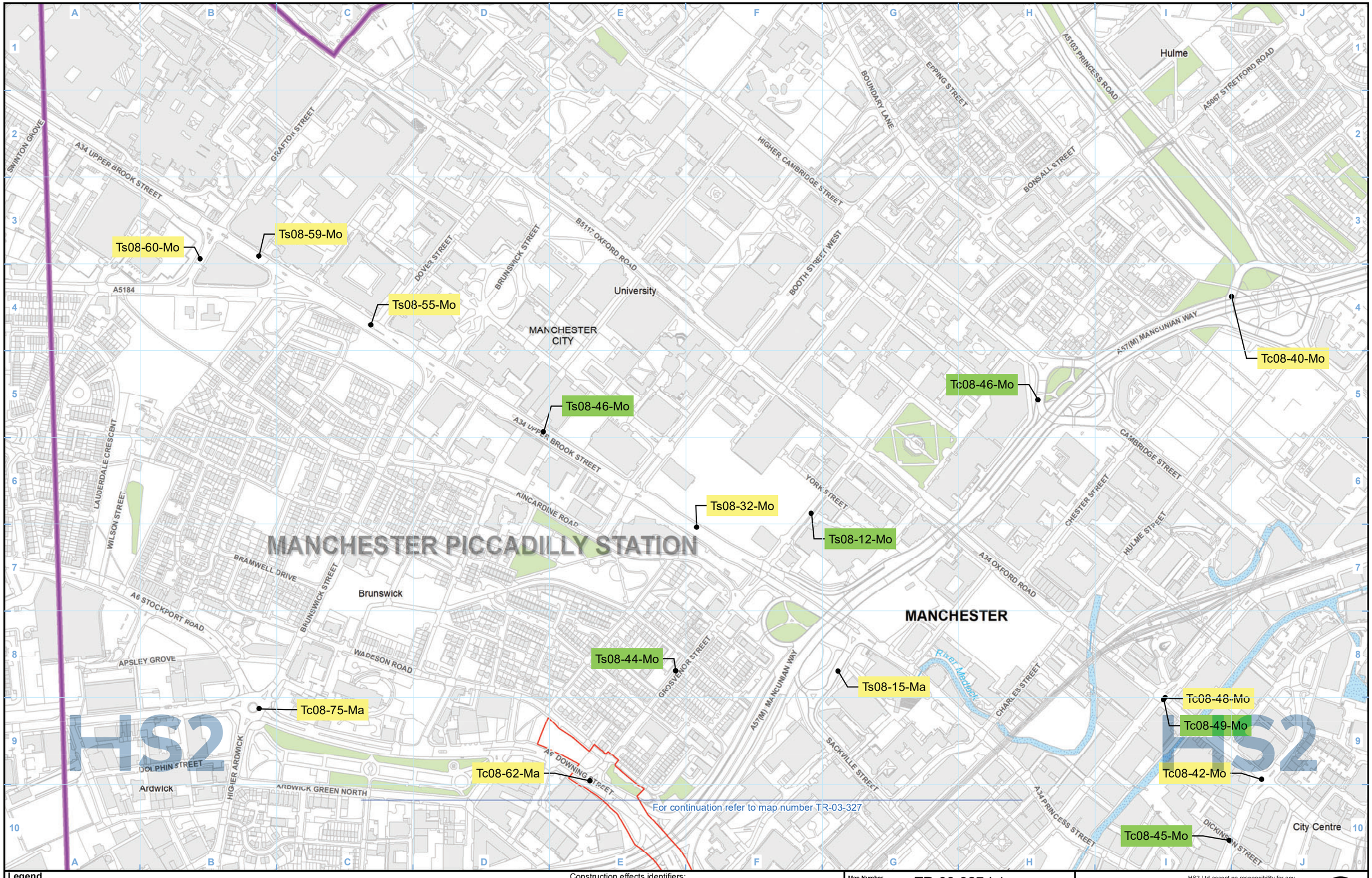
Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-327-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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Scale at A3: 1:5,000

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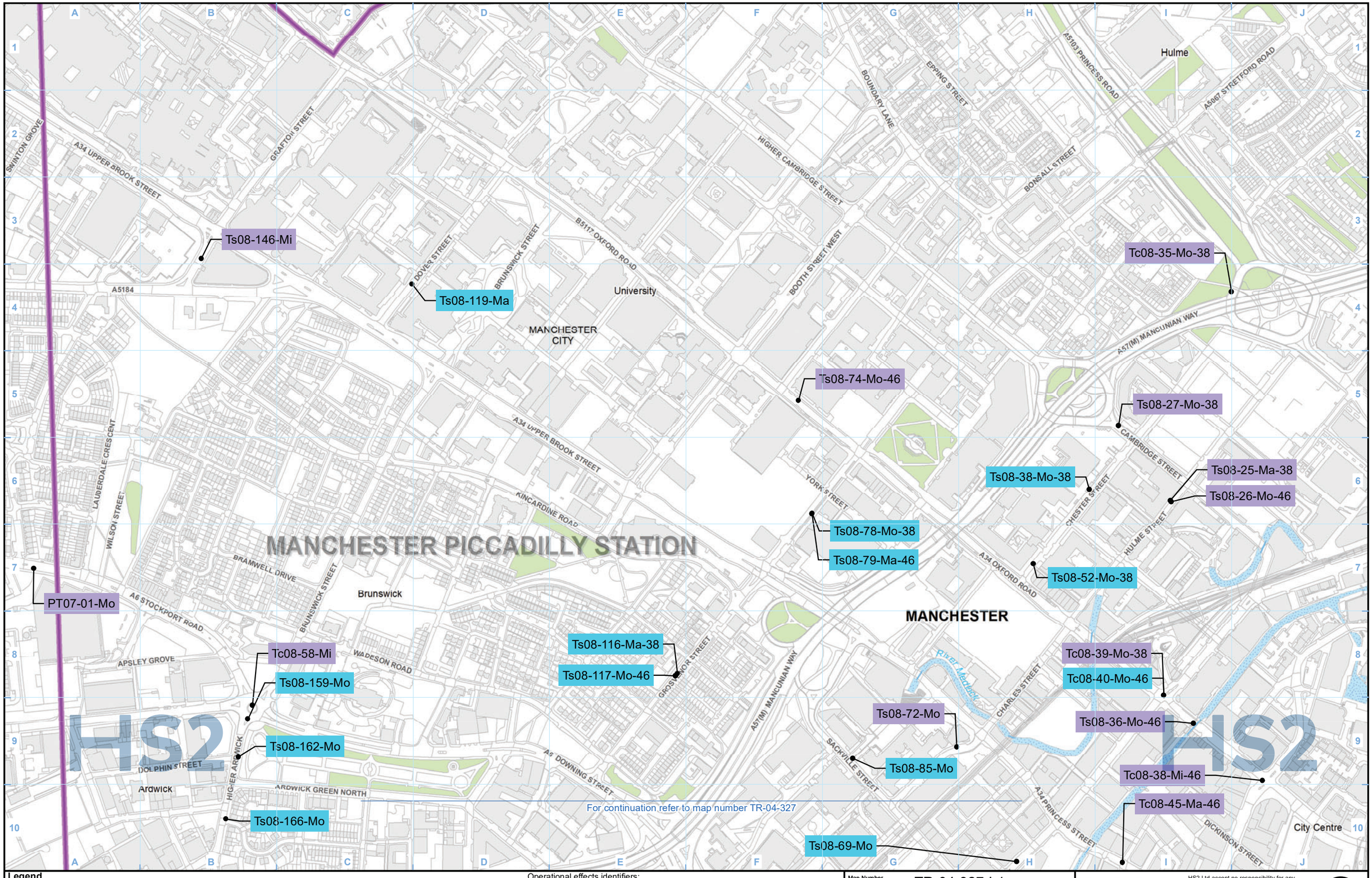
Date: 07/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-327-L1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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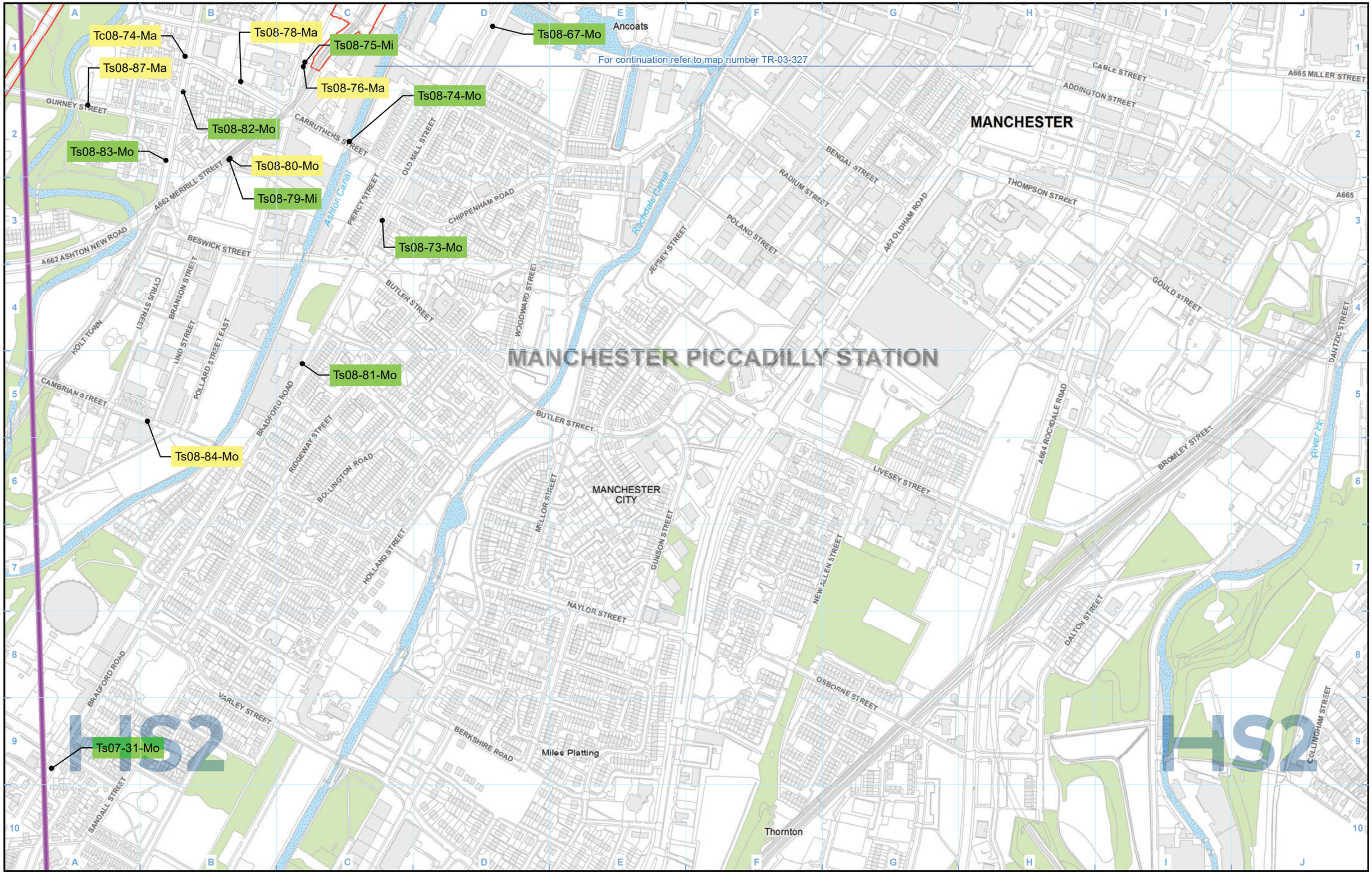
Doc Number: 2DE01-MWJ-EV-MAP-M000-003988-P01

Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- PT: Construction effects identifier
- 01: Feature Number
- 01: CA Number
- Ma: Effect Level

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-327-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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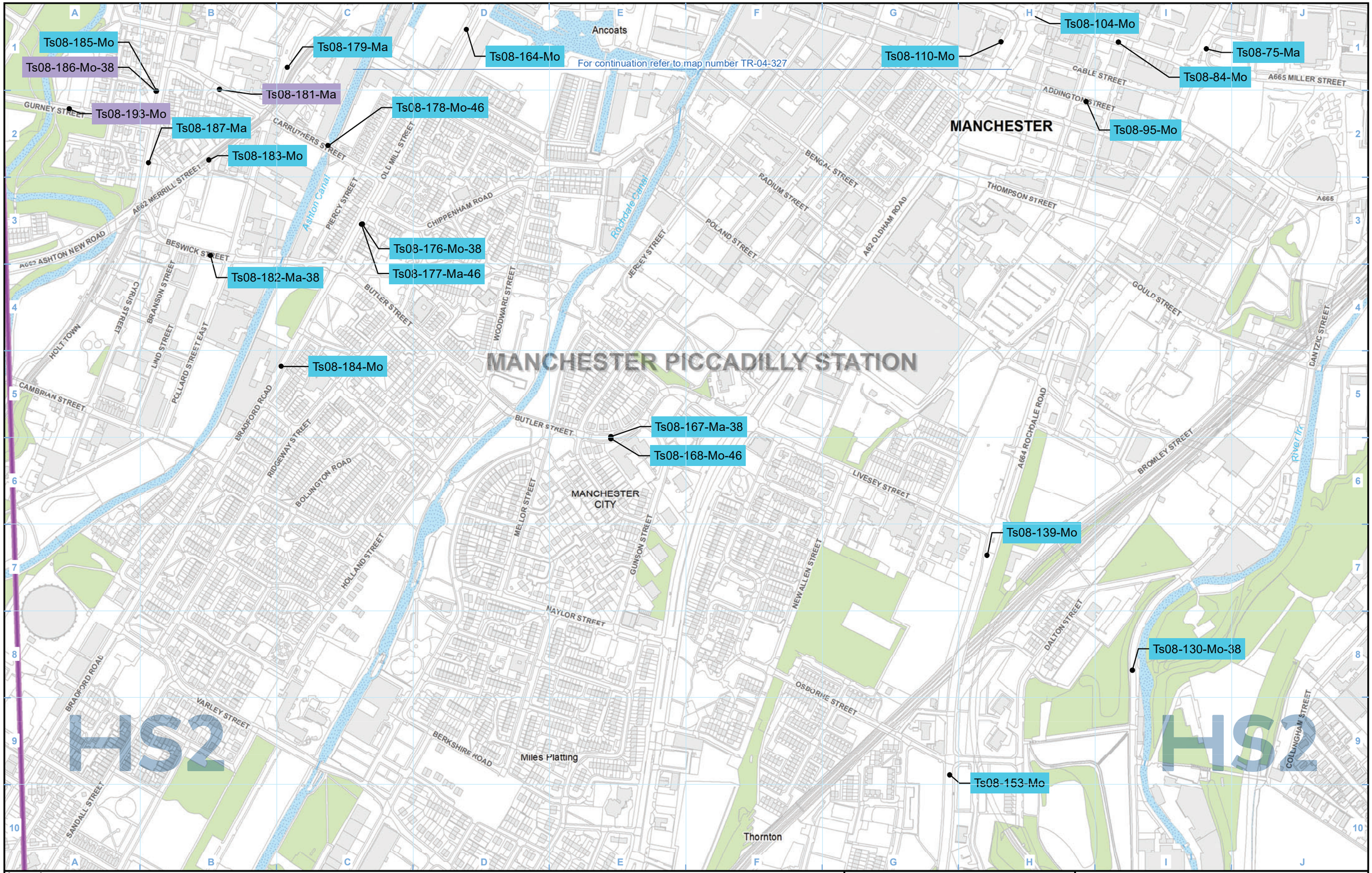

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-327-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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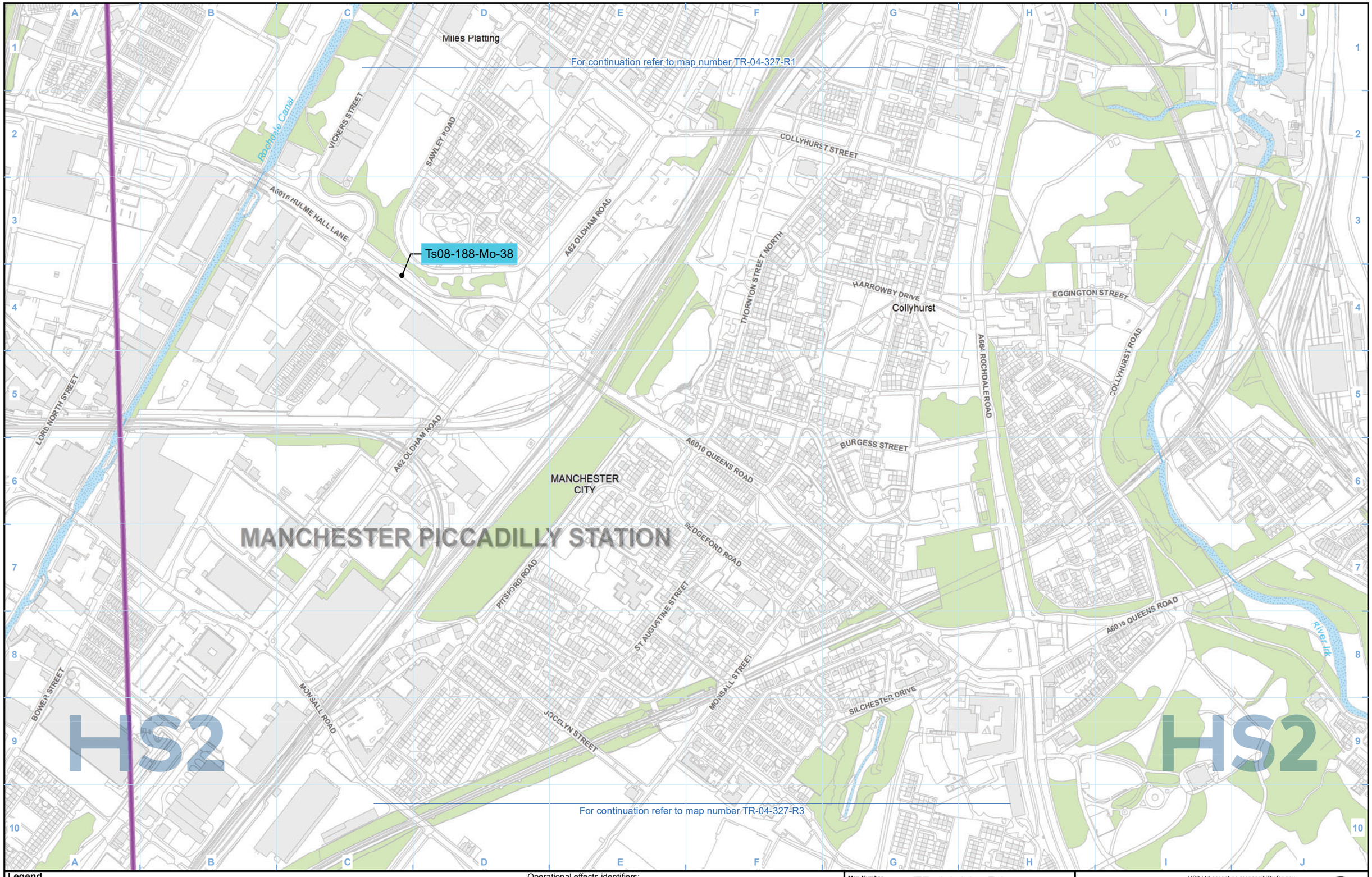

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-327-R2

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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For continuation refer to map number TR-04-327-R2

MANCHESTER CITY

Harpurhey

MANCHESTER PICCADILLY STATION

Tc08-68-Mi-46

MONSALL ROAD
CARISBROOK STREET
CARISBROOK STREET
A664 ROCHDALE ROAD
HARPURHEY ROAD
River Irk
NORTHAMPTON ROAD
CHURCH LANE
LOWTON AVENUE
B6391 LIGHTBOWNE ROAD
WAVERLEY ROAD
CHURCH LANE
CHURCH LANE
ZETA STREET
UPPER CONRAN STREET
ASHLEY LANE
MAPLEDON ROAD
PRINCEDOM STREET
LILY LANE
ASHLEY LANE
FACTORY LANE
MOSTON LANE
Moston
Blackley

HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-327-R3

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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Date: 08/09/21

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-328

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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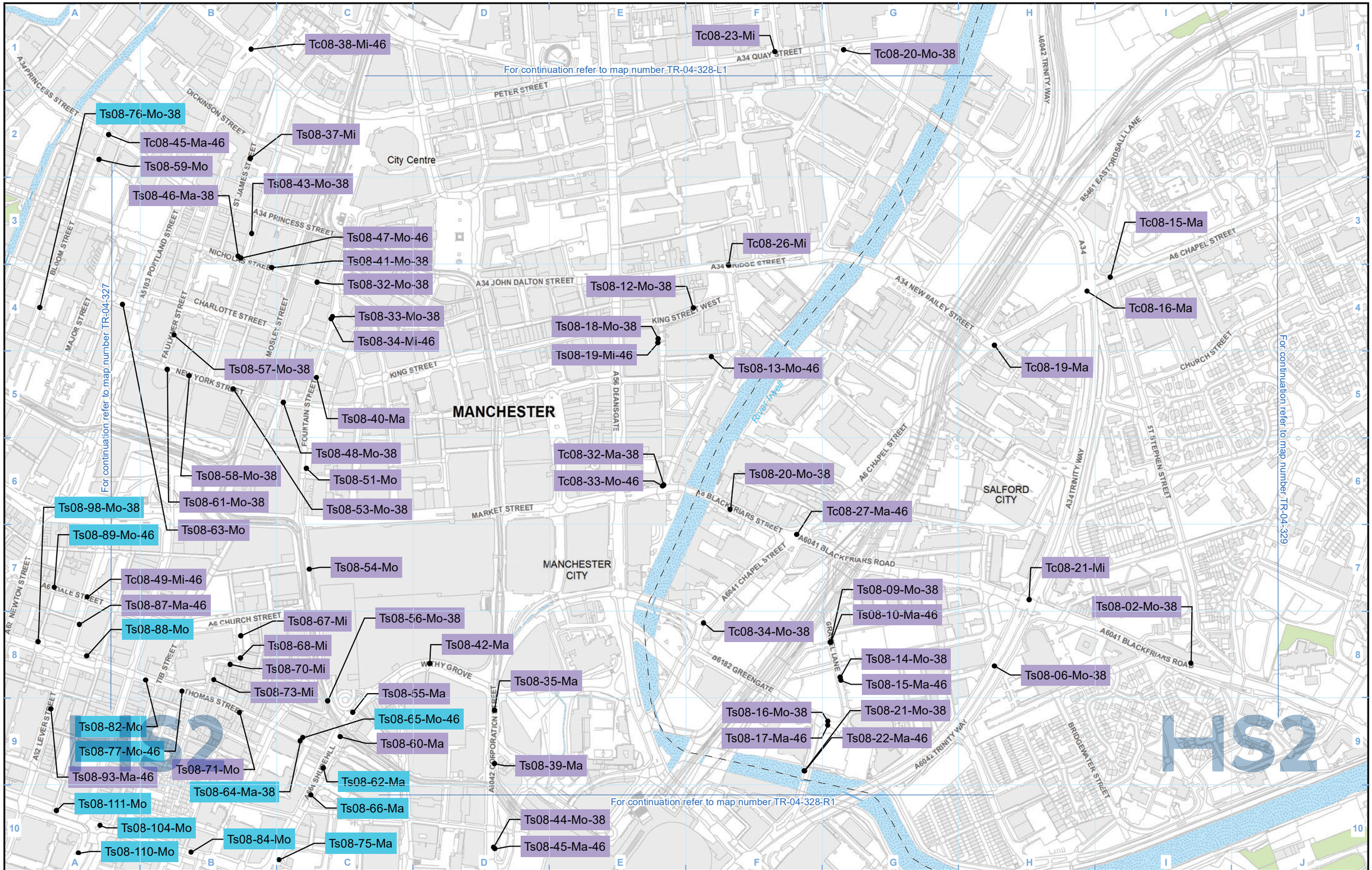

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-328

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA08:
Manchester Piccadilly Station

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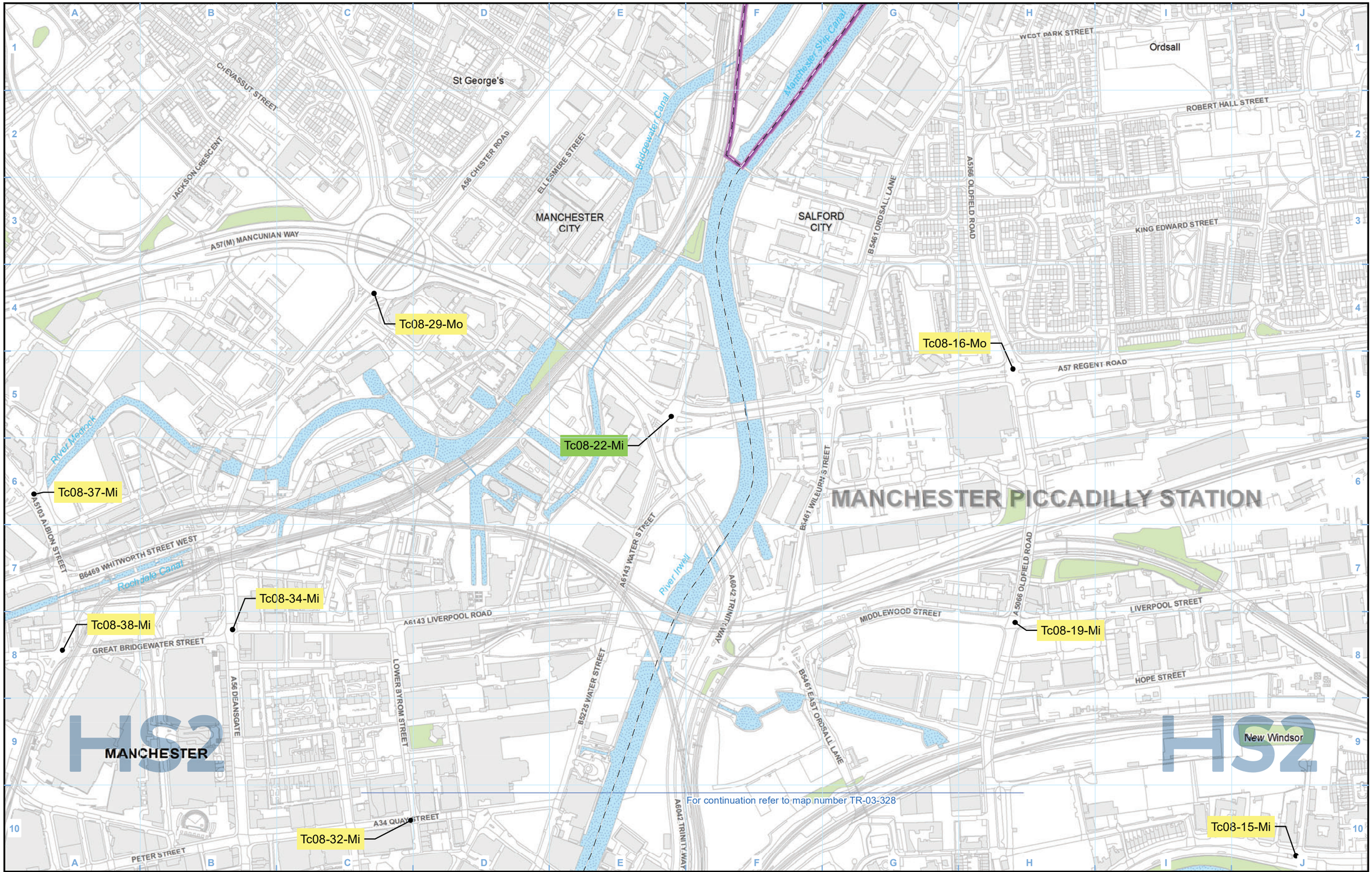

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-328-L1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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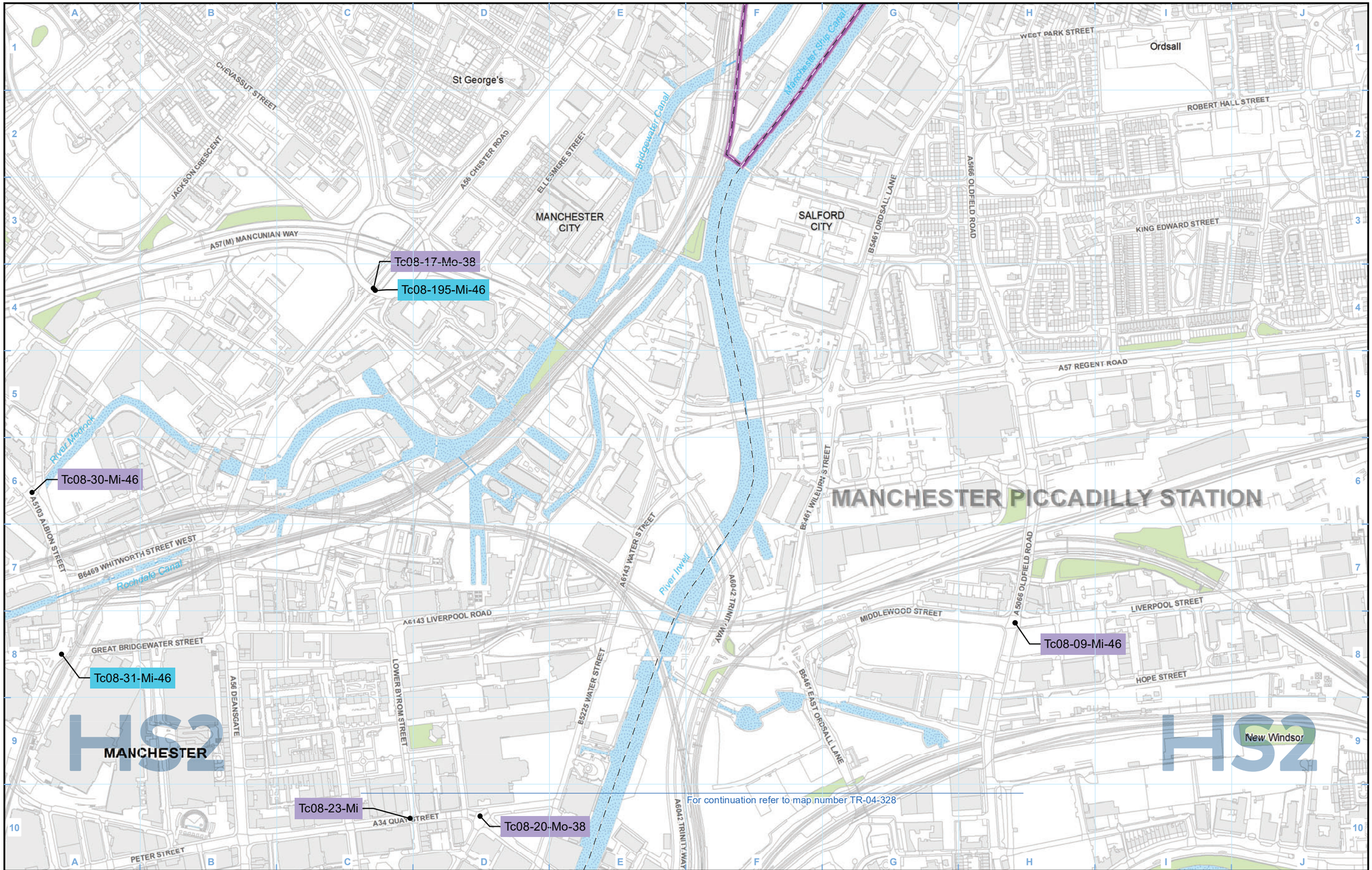

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-328-L1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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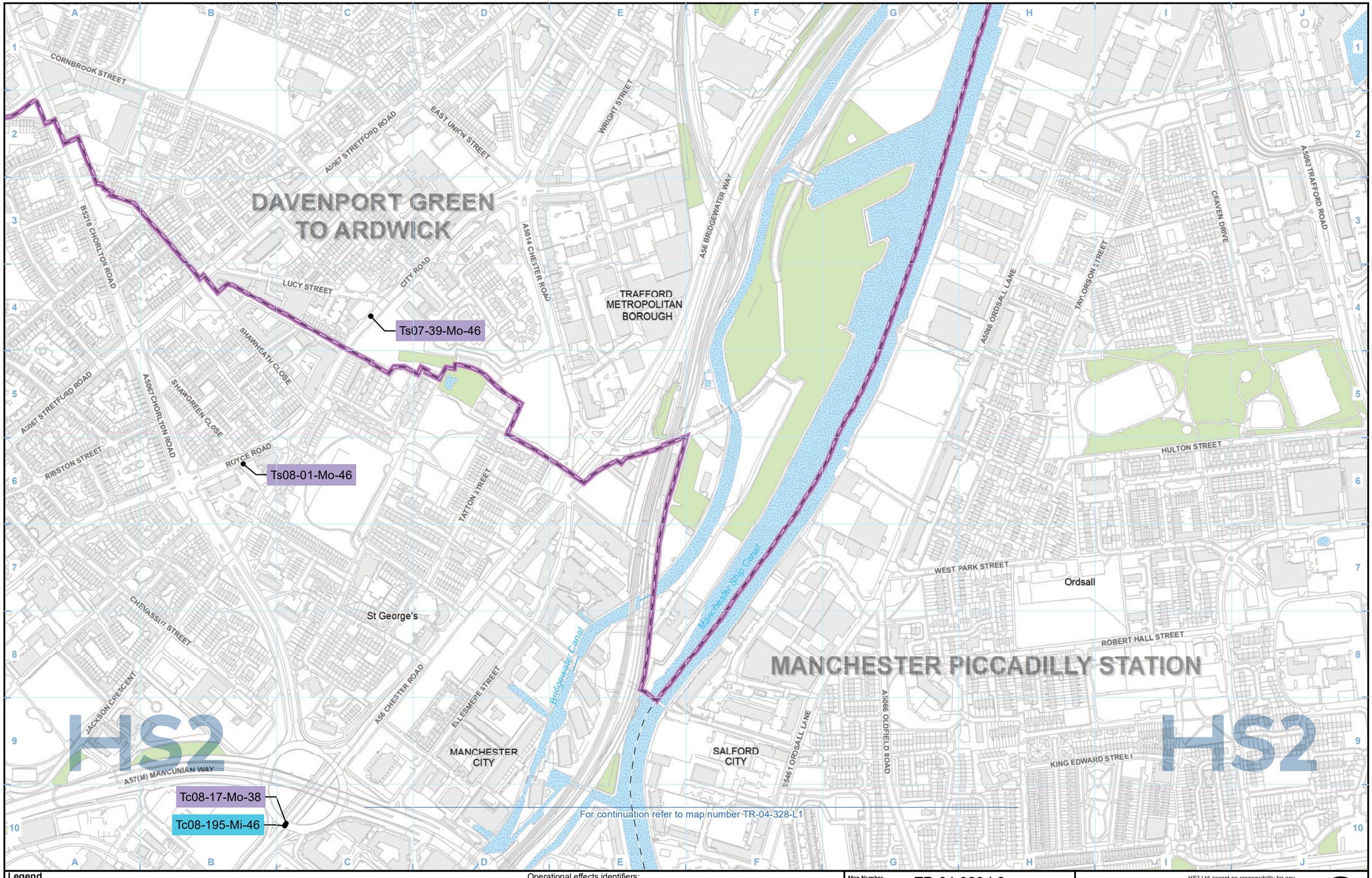

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-328-L2

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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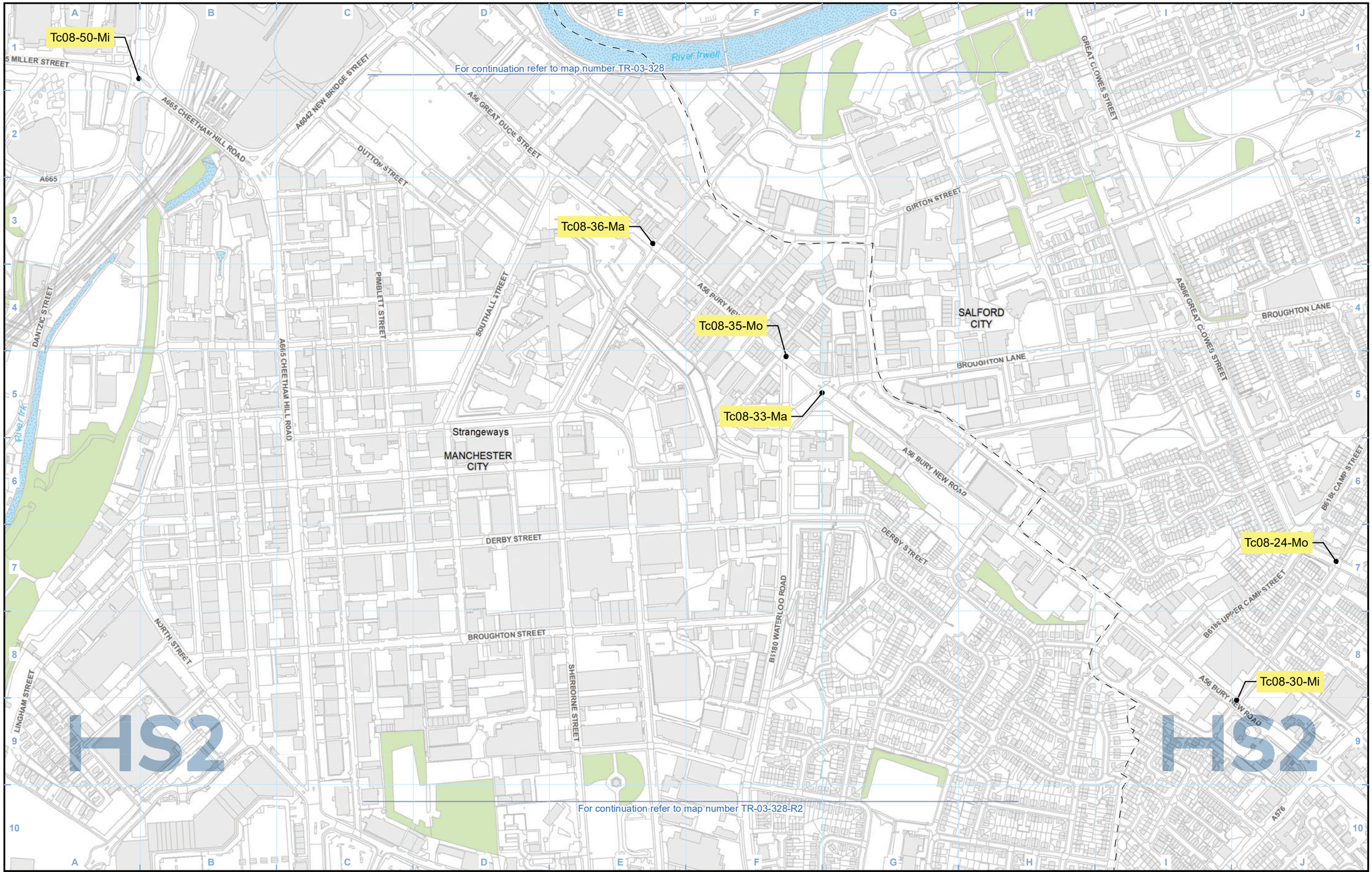

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma (Identifier - see across; CA Number; Effect Level Feature Number)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-328-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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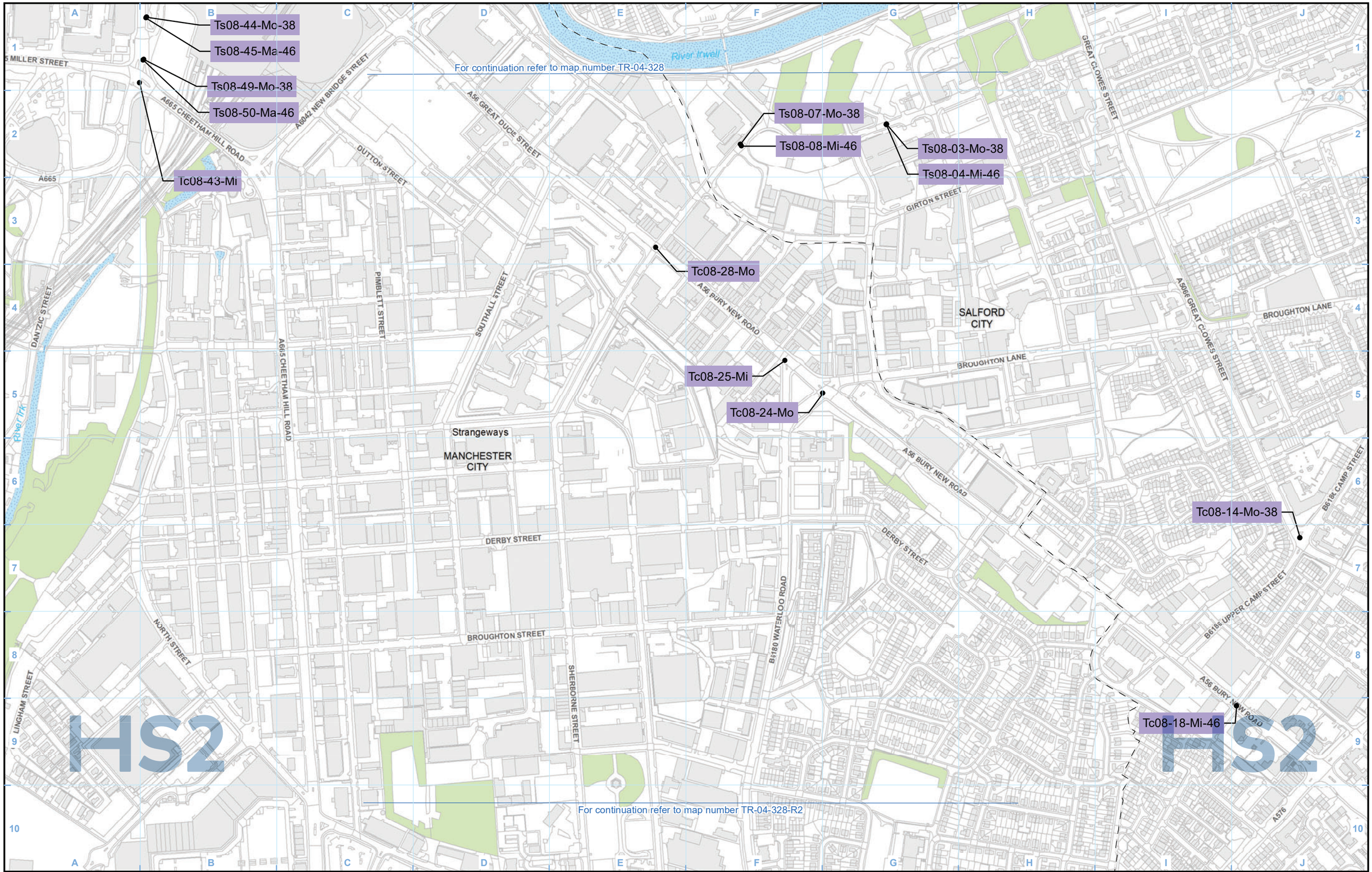

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-328-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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Date: 08/09/21

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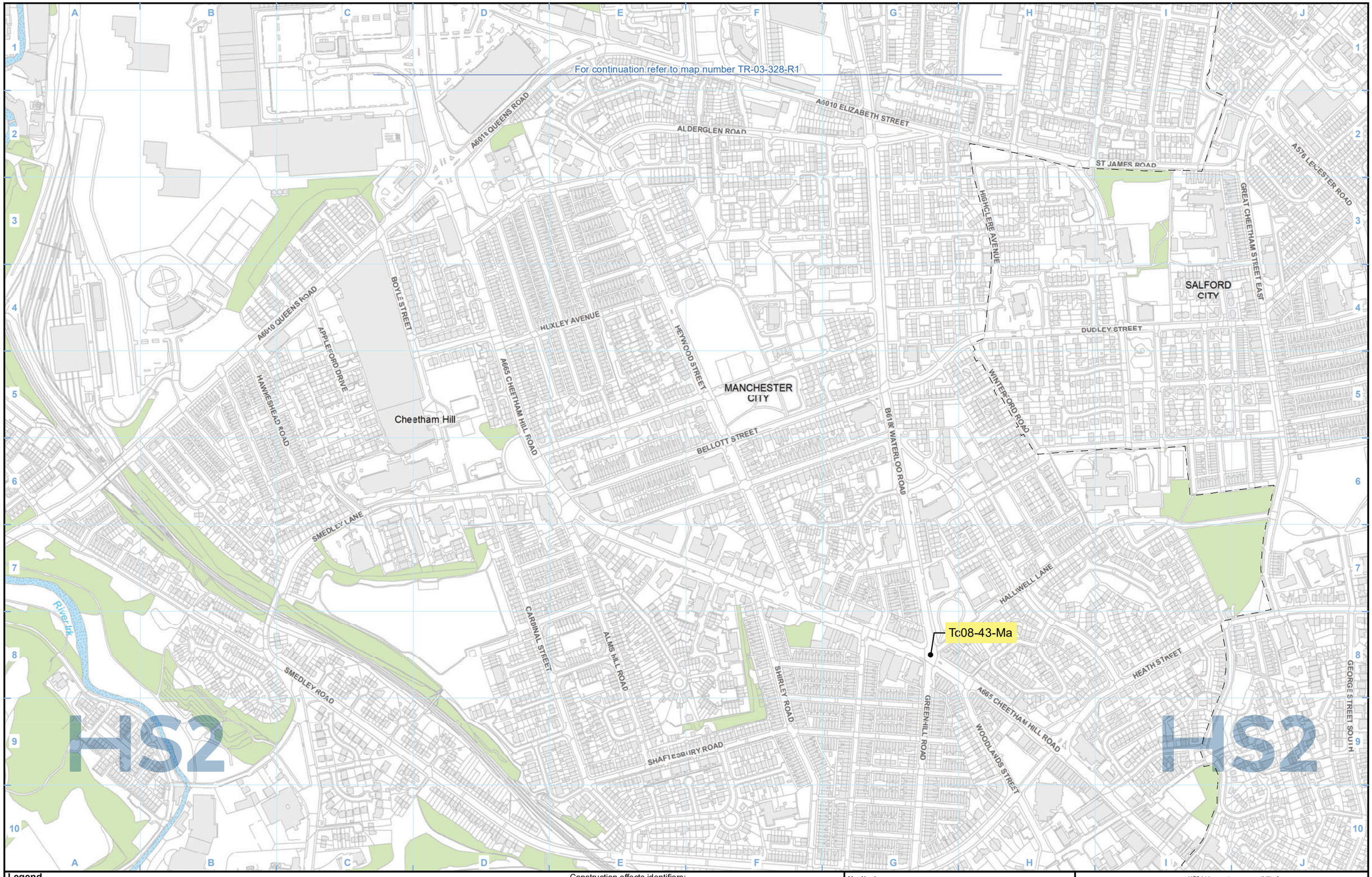

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-328-R2

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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Date: 07/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-328-R2

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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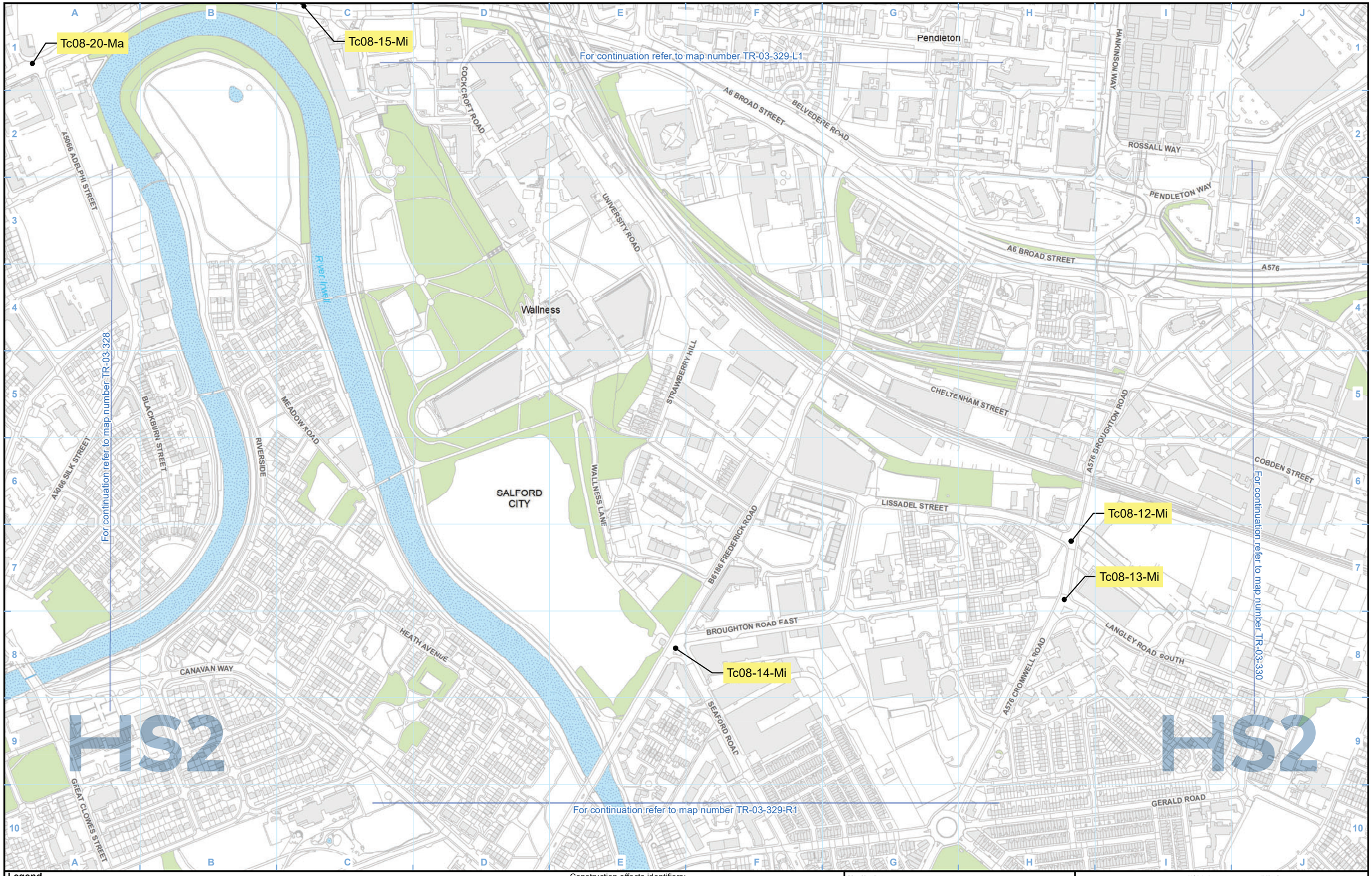

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-329

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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Date: 07/09/21

Tc08-10-Ma-38

Tc08-11-Mo-46

Tc08-06-Mi-46

Tc08-07-Mi-38

For continuation refer to map number TR-04-329-L1

For continuation refer to map number TR-04-328

For continuation refer to map number TR-04-330

For continuation refer to map number TR-04-329-R1

Pendleton

Wallness

SALFORD CITY

A6 BROAD STREET

BELVEDERE ROAD

COCKCROFT ROAD

UNIVERSITY ROAD

HANKINSON WAY

ROSSALL WAY

PENDLETON WAY

A576

A5066 ADELPHI STREET

River Irwell

BLACKBURN STREET

MEADOW ROAD

RIVERSIDE

A5066 SILK STREET

STRAWBERRY HILL

WALLNESS LANE

CHELTENHAM STREET

A576 BROUGHTON ROAD

COBDEN STREET

LISSADEL STREET

B6186 FREDERICK ROAD

BROUGHTON ROAD EAST

LANGLEY ROAD SOUTH

A576 CROMWELL ROAD

SEAFORD ROAD

HEATH AVENUE

CANAVAN WAY

GREAT CLOWES STREET

GERALD ROAD

HS2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-329

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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0 50 100 150 200 Metres

Doc Number: 2DE01-MWJ-EV-MAP-M000-003997-P01

Date: 08/09/21

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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:
PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-329-L1

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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Date: 07/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-329-L1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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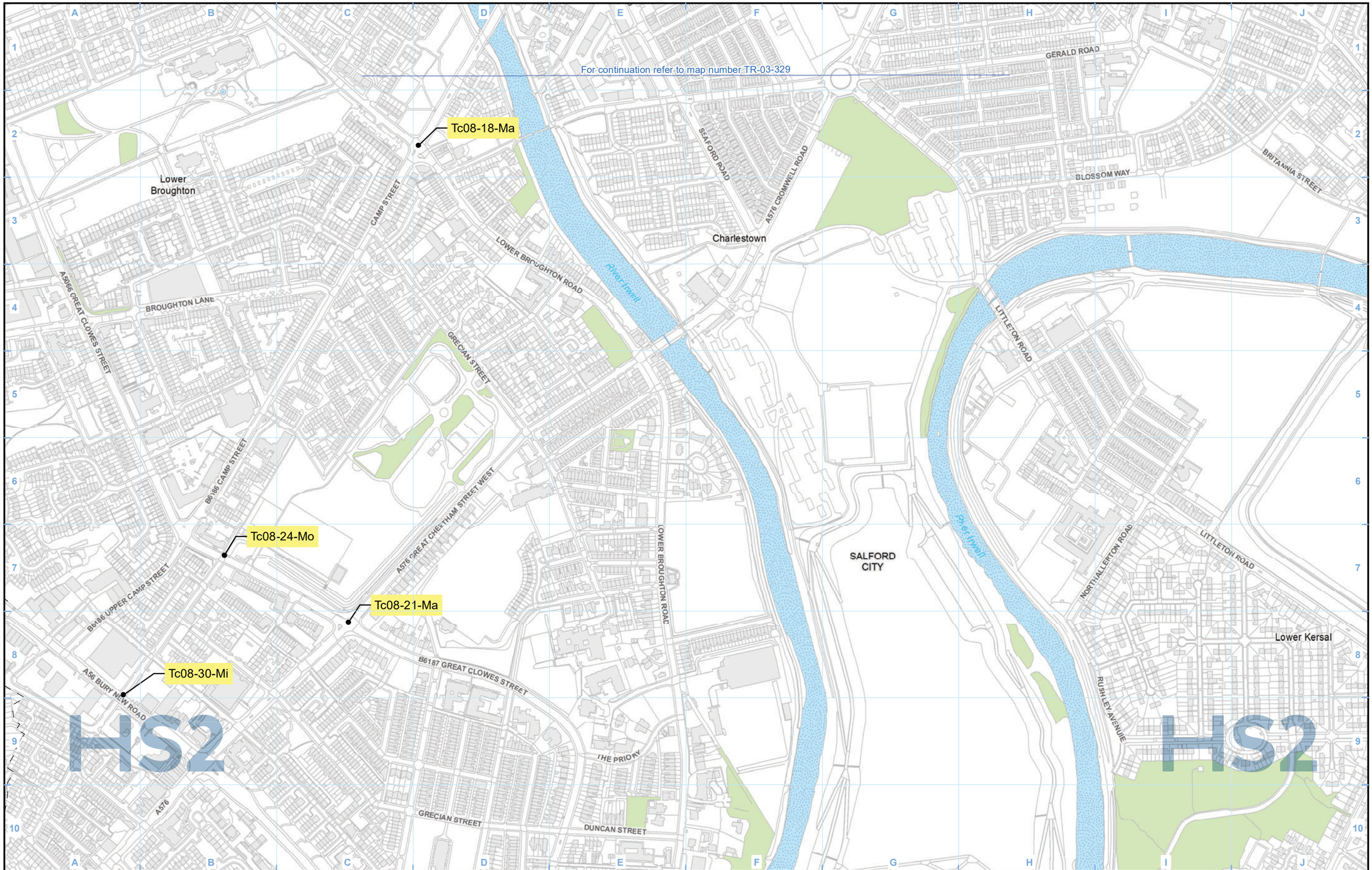
Date: 08/09/21



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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-329-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08:
Manchester Piccadilly Station

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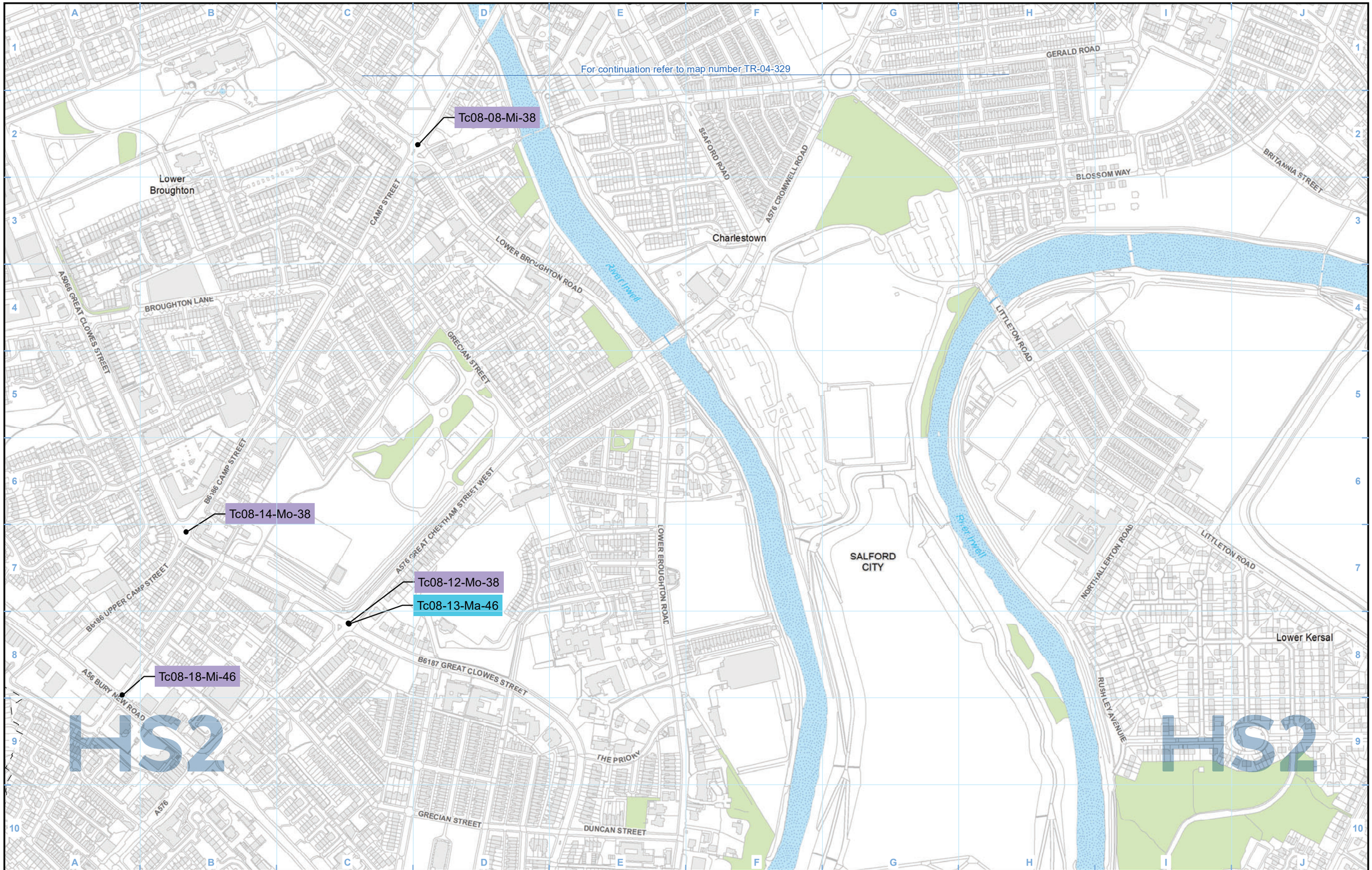
Date: 07/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:
PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-329-R1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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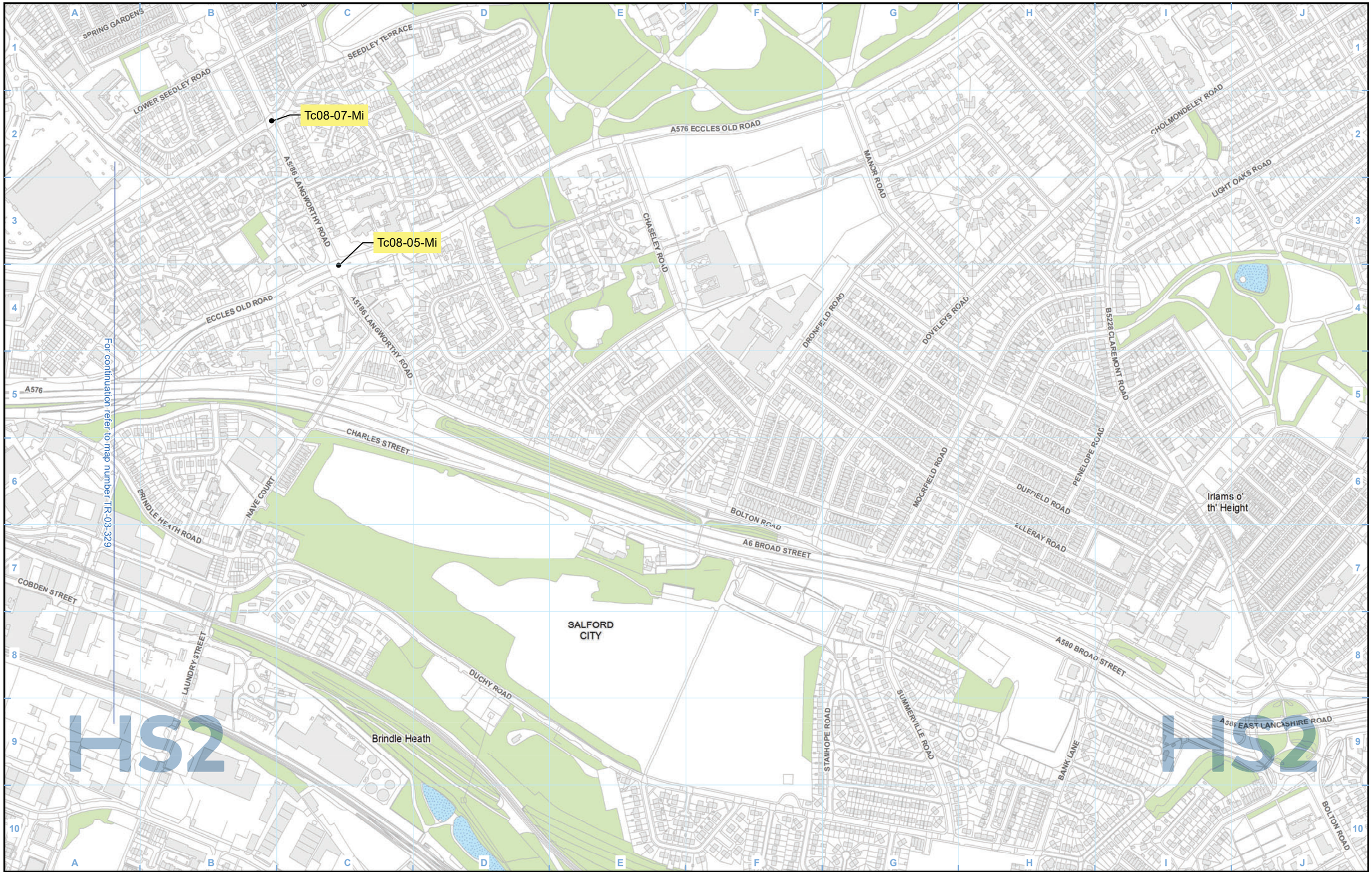

Legend

- 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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference: PT01-01-Ma
(Effect Level / Feature Number / CA Number / Identifier - see across)

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
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- Ts - Traffic severance - non-motorised users
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- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-330

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08:
Manchester Piccadilly Station

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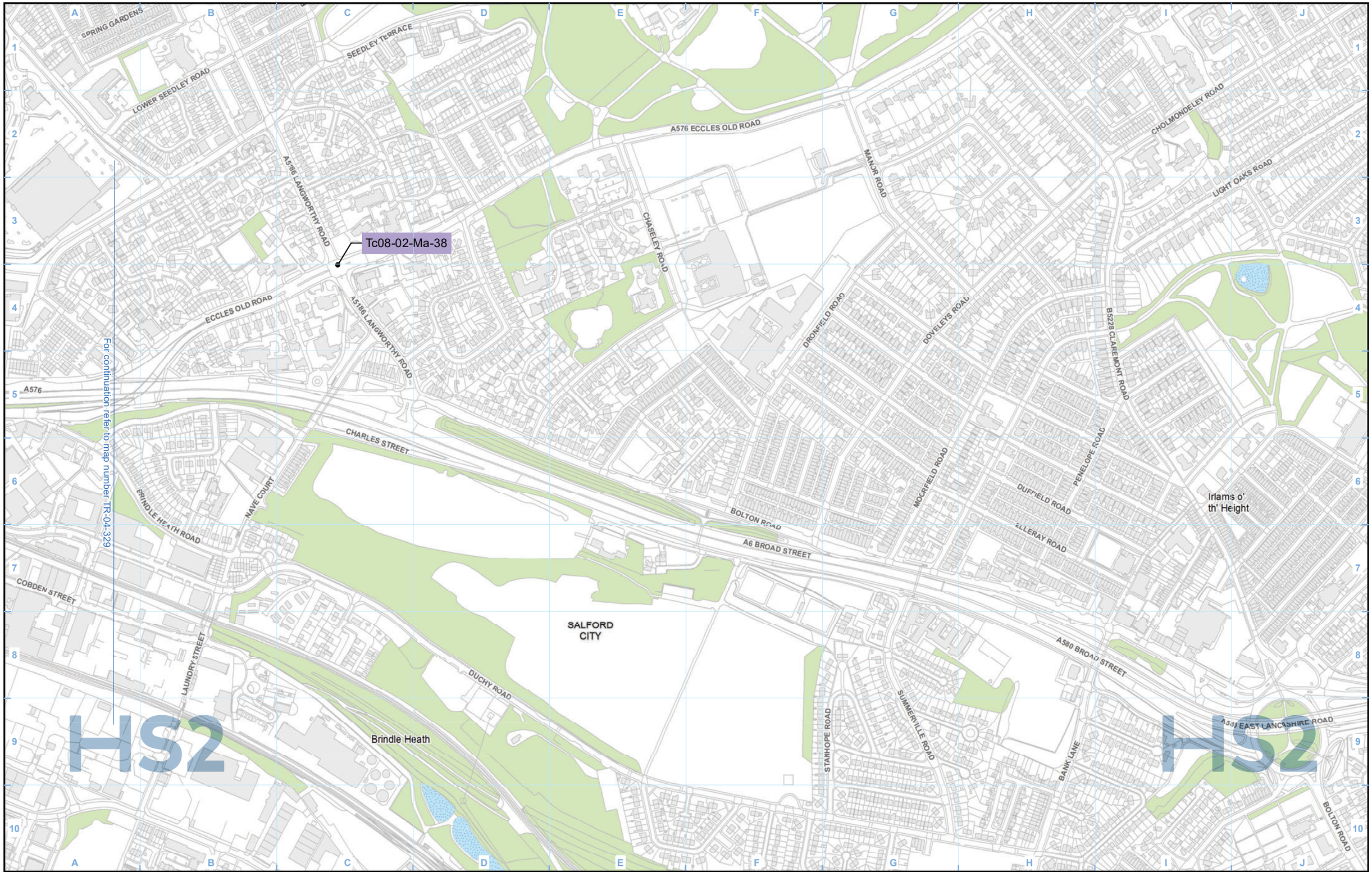
Date: 07/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-330

Map Name
Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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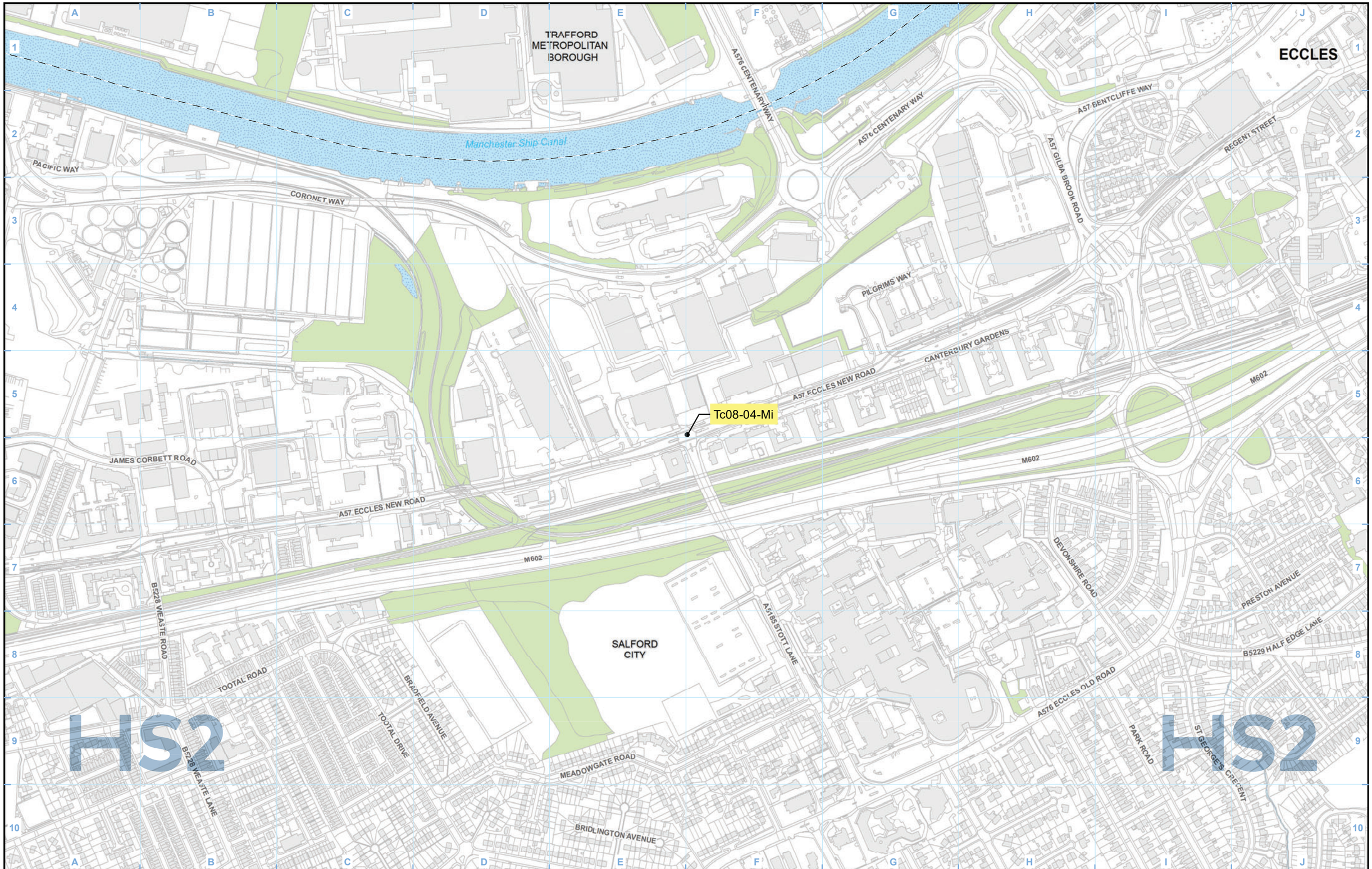
Doc Number: 2DE01-MWJ-EV-MAP-M000-004000-P01

Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-330-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08:
Manchester Piccadilly Station

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0 50 100 150 200 Metres

Doc Number: 2DE01-MWJ-EV-MAP-M000-003981-P01

Date: 07/09/21

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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

Construction significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-330-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08:
Manchester Piccadilly Station

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0 50 100 150 200 Metres

Doc Number: 2DE01-MWJ-EV-MAP-M000-003982-P01

Date: 07/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-330-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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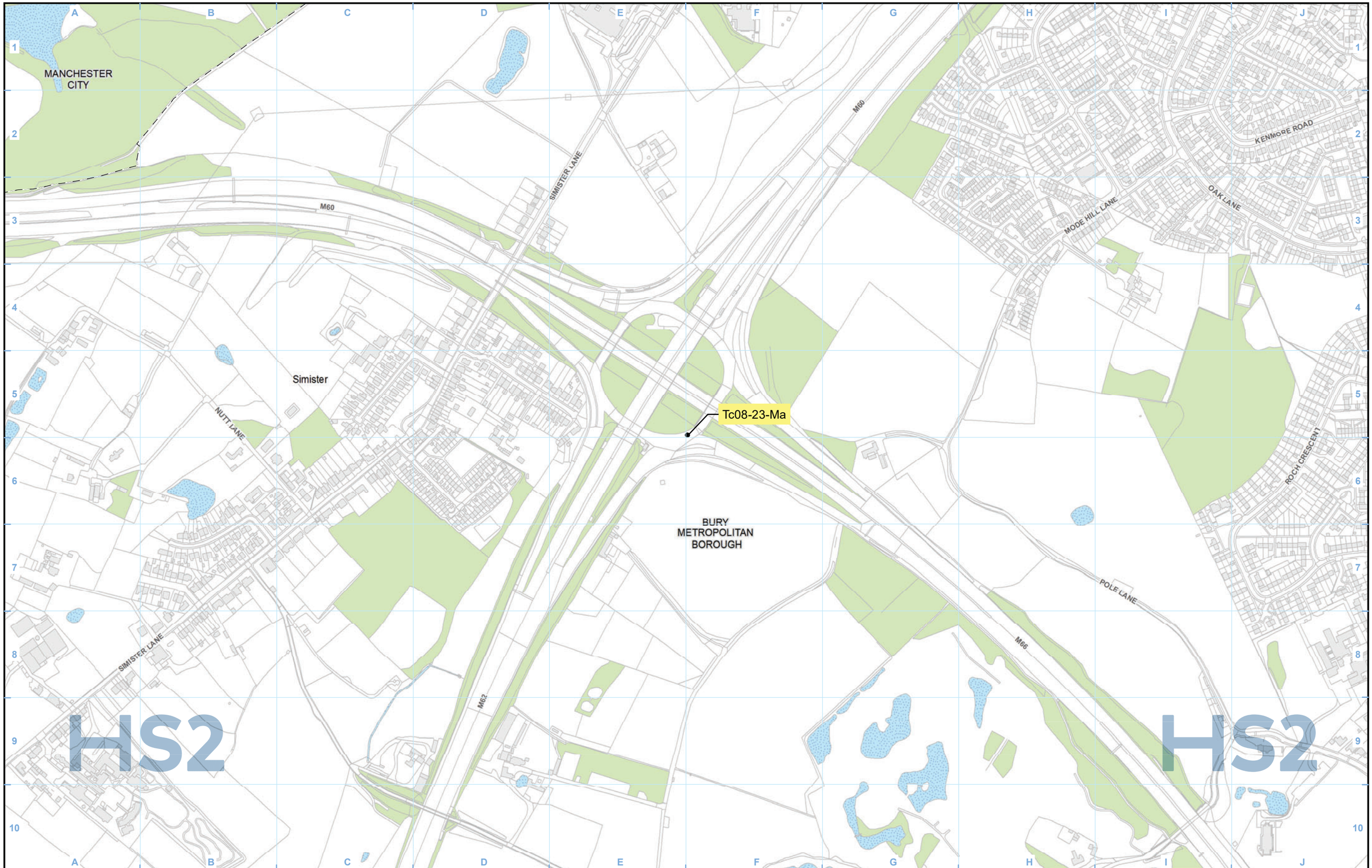
Doc Number: 2DE01-MWJ-EV-MAP-M000-004001-P01

Date: 08/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-330-R2

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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Doc Number: 2DE01-MWJ-EV-MAP-M000-003983-P01

Date: 07/09/21

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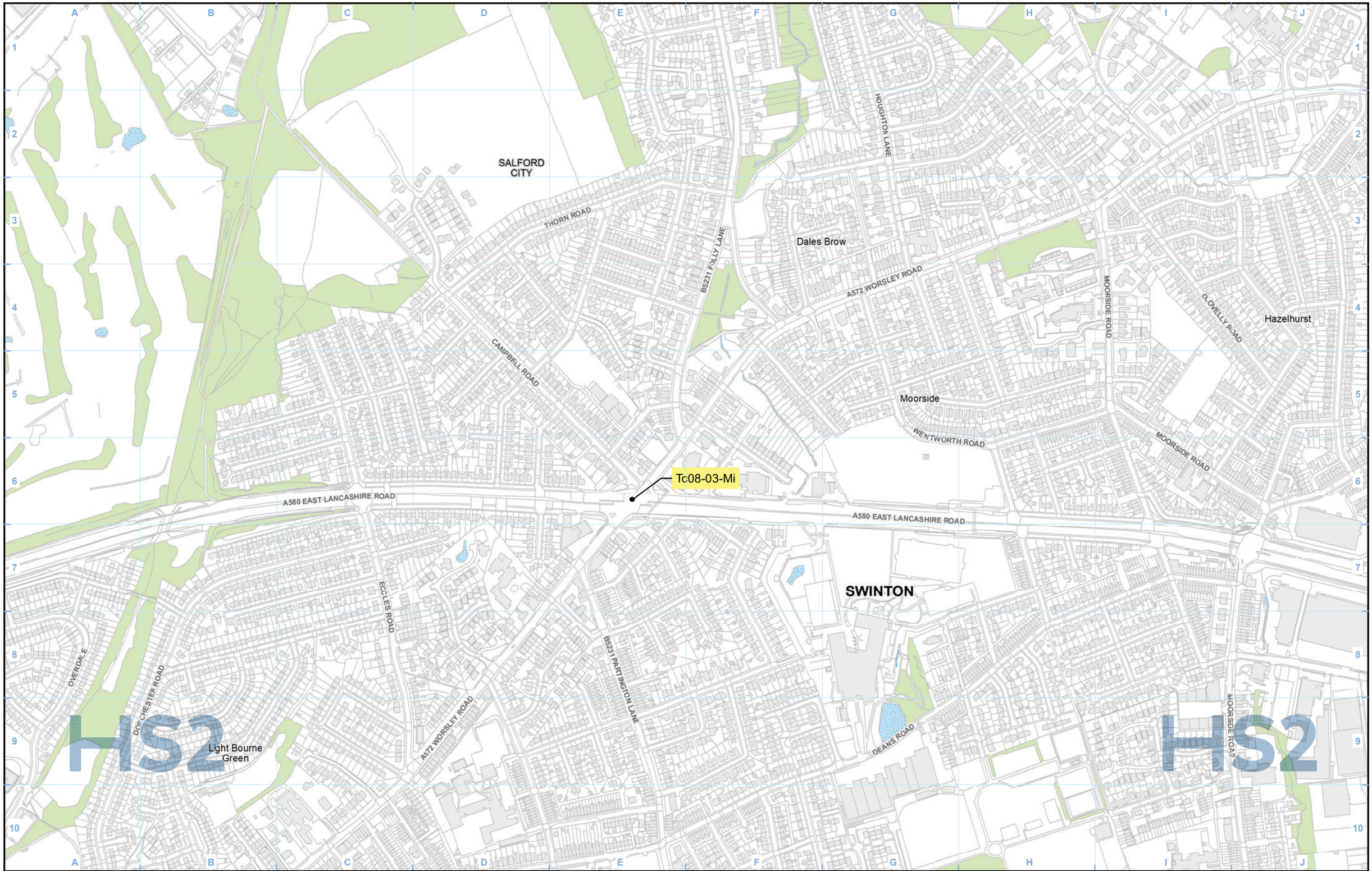

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-331

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Community Area MA08: Manchester Piccadilly Station

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0 50 100 150 200 Metres

Doc Number: 2DE01-MWJ-EV-MAP-M000-003984-P01

Date: 07/09/21

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference:

PT01-01-Mi-38
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 38 - Significant effect in 2038
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-331

Map Name: Significant Residual Transport Effects Arising from Operation

Community Area MA08: Manchester Piccadilly Station

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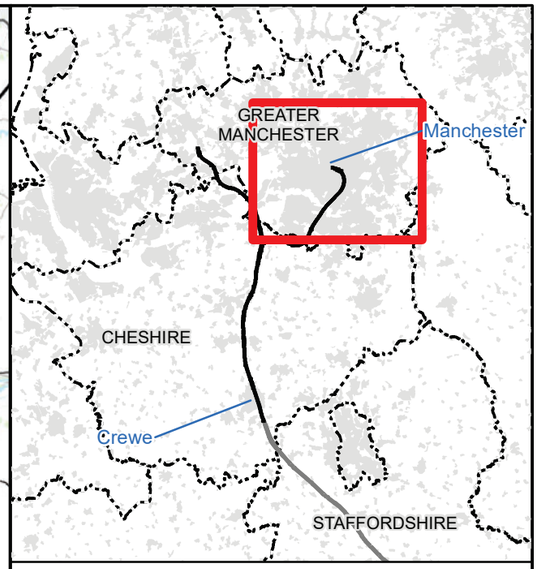
Doc Number: 2DE01-MWJ-EV-MAP-M000-004002-P01

Date: 08/09/21



Map Series Information:

This map series identifies the construction routes to the strategic network for each CA. This shows the construction and site-haul routes from each compound and the through routes for both construction and site-haul. The maps also show the locations of the construction compound.

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

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	TR-08-INDEX-MA08
Map Name	Index Map of: Construction Routes to the Strategic Network
	Community Area MA08: Manchester Piccadilly Station

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Scale at A3: 1:100,000

0 1,000 2,000 3,000 4,000 Metres

Doc Number: 2DE01-MWJ-EV-MAP-M000-002242-P01

Date: 05/08/21

Manchester Piccadilly High Speed Station Main Compound		
Start date	2025 Q2	Rail Systems and Civils
Duration of active use	6 years and 3 months	
Duration of busy movements (months)	12	
Peak daily vehicles - Cars & LGV	124-188	
Peak daily vehicles - HGV	428-576	

Manchester Approach Viaduct Satellite Compound D	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	11
Peak daily vehicles - Cars & LGV	27-38
Peak daily vehicles - HGV	52-78

Metrolink New Islington Turnback Satellite Compound	
Start date	2025 Q2
Duration of active use	9 months
Duration of busy movements (months)	2
Peak daily vehicles - Cars & LGV	8-8
Peak daily vehicles - HGV	14-14

Manchester Approach Viaduct Satellite Compound C	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	11
Peak daily vehicles - Cars & LGV	25-34
Peak daily vehicles - HGV	52-78

Manchester Tunnel North Portal Main Compound		
Start date	2025 Q2	Rail Systems and Civils
Duration of active use	9 years	
Duration of busy movements (months)	63	
Peak daily vehicles - Cars & LGV	225-306	
Peak daily vehicles - HGV	156-210	

Manchester Tunnel North Portal Satellite Compound	
Start date	2025 Q2
Duration of active use	6 years and 6 months
Duration of busy movements (months)	7
Peak daily vehicles - Cars & LGV	22-22
Peak daily vehicles - HGV	253-316

Manchester Approach Viaduct Satellite Compound B	
Start date	2027 Q2
Duration of active use	4 years and 9 months
Duration of busy movements (months)	11
Peak daily vehicles - Cars & LGV	25-34
Peak daily vehicles - HGV	52-78

Birchfield Road Vent Shaft Satellite Compound		
Start date	2027 Q3	Rail Systems and Civils
Duration of active use	5 years 9 months	
Duration of busy movements (months)	5	
Peak daily vehicles - Cars & LGV	131-182	
Peak daily vehicles - HGV	78-92	

A57(M) Mancunian Way

A635 Mancunian Way

A635 Ashton Old Road

A34 Upper Brook Street

A34 Birchfields Road

A34

MS 304+708

MS 304+000

MS 302+000

MS 300+000

MS 298+000

MA08 Manchester Piccadilly Station

MA07 Davenport Green to Ardwick

For Continuation Refer To TR-08-313-R1

For Continuation Refer To TR-08-312

METRES @ 1:25000 0 200 500 1000 2500

Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number: TR-08-313

Map Name: Construction Routes to the Strategic Road Network

Community Area: MA08 Manchester Piccadilly Station

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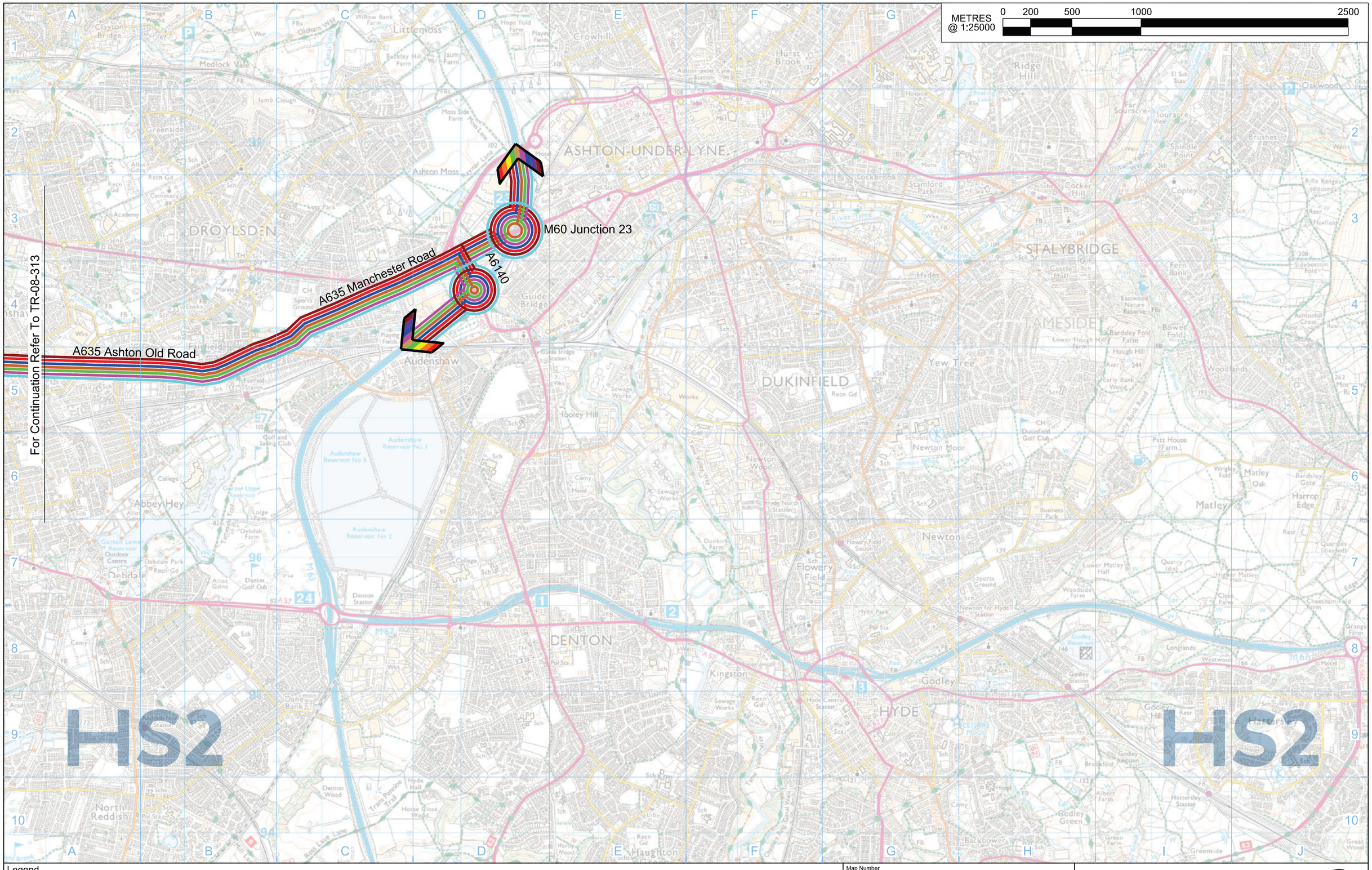
Doc Number: 2DE01-MWJ-TM-DPL-M003-313000 P04 **Date:** 28/07/21



Legend

- Compound Traffic Routes
- Site Haul to Compound
- Through Construction Traffic Routes (To/From Other Scheme Compounds)
- HS2 Route
- Onward Construction Routes
- Community Area boundary
- Through Site Haul to Compound (To/From Other Scheme Compounds)
- Movement of Excavated Material
- Construction Compounds

Rail system compounds are shown where they are likely to generate more than 24 HGV movements a day in the peak month (average two-way) or are associated with a construction civil engineering works compound

For TR08 drawing route see 2D301-MWJ-TM-DPL-M002-300000

The compound start dates and estimated duration of active use are based on the Indicative Construction Programme included in the volume 2 Community Area reports.

Traffic figures represent two way trips.

Map Number

TR-08-313-R1

Map Name

Construction Routes to the Strategic Road Network

Community Area

MA08 Manchester Piccadilly Station

HS2

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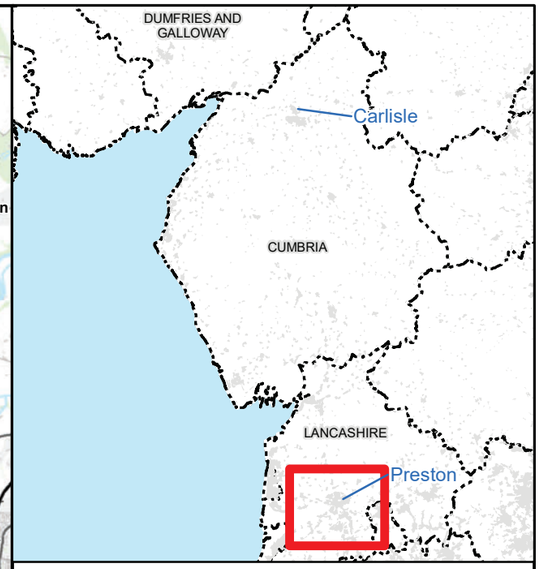
HS2

High Speed Rail (Crewe – Manchester) Environmental Statement

OR001: Preston Station

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

Main Map Legend

- Route centreline
- 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	TR-03-INDEX-PSTN
Map Name	Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes
	Off-route PSTN: Preston Station

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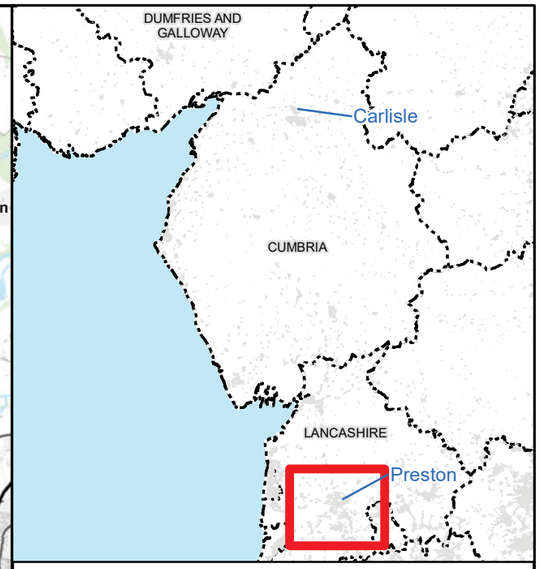
Date: 02/09/21



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

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: TR-04-INDEX-PSTN

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Off-route PSTN: Preston Station

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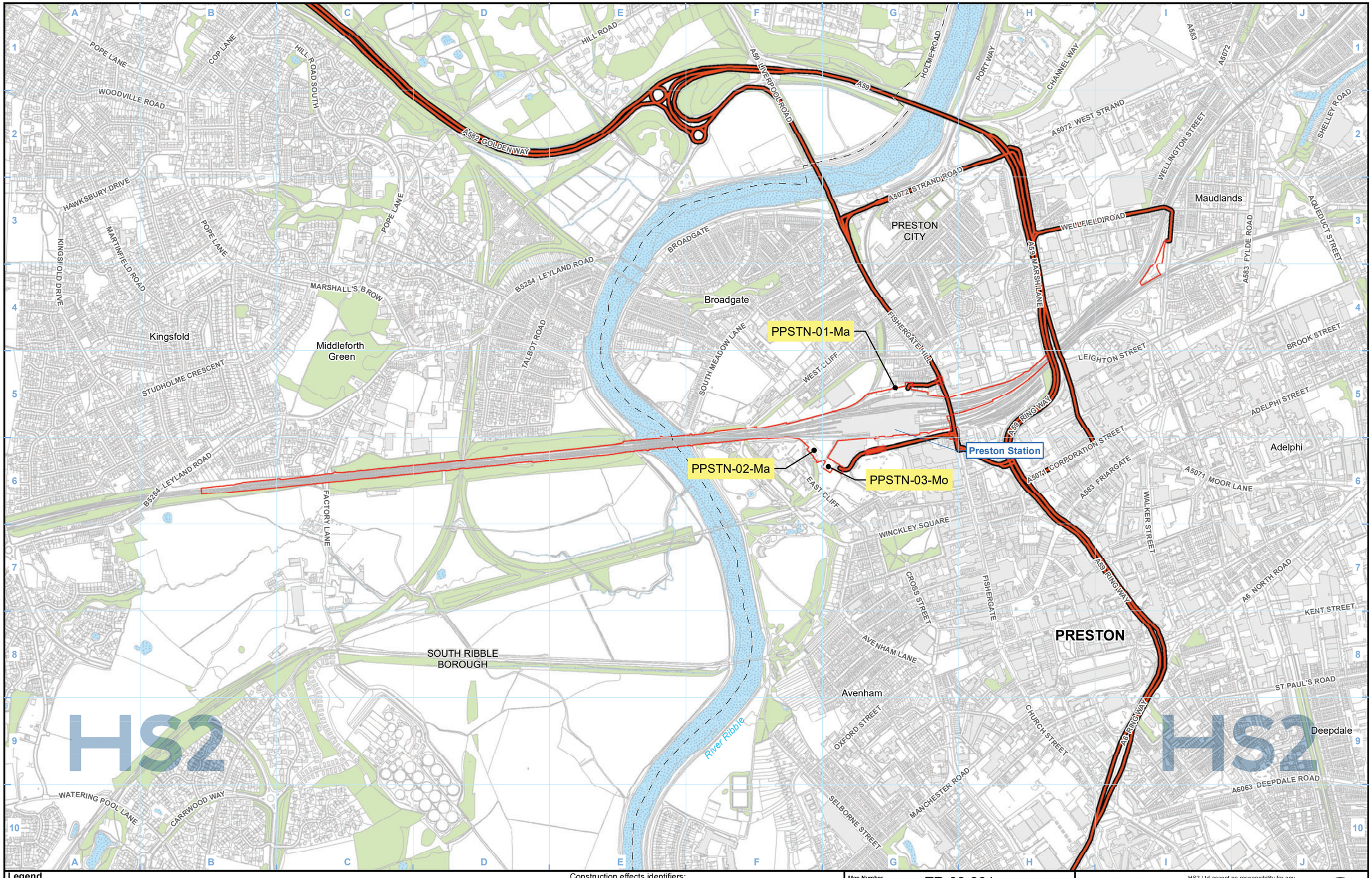
Date: 02/09/21



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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-801

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Off-route PSTN:
Preston Station

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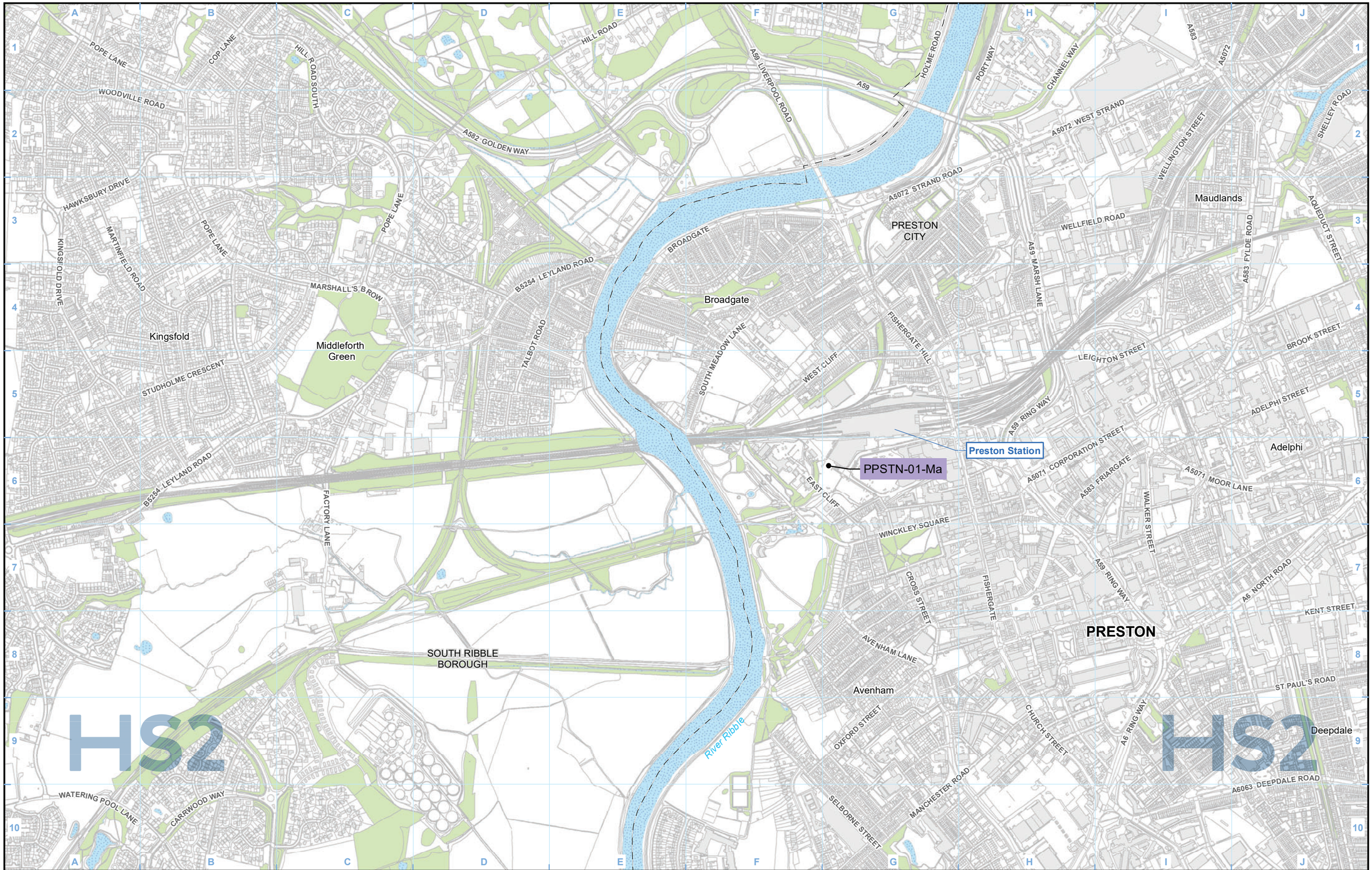

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-33
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 33 - Significant effect in 2033
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-801

Map Name
Significant Residual Transport Effects Arising from Operation

Off-route PSTN:
Preston Station

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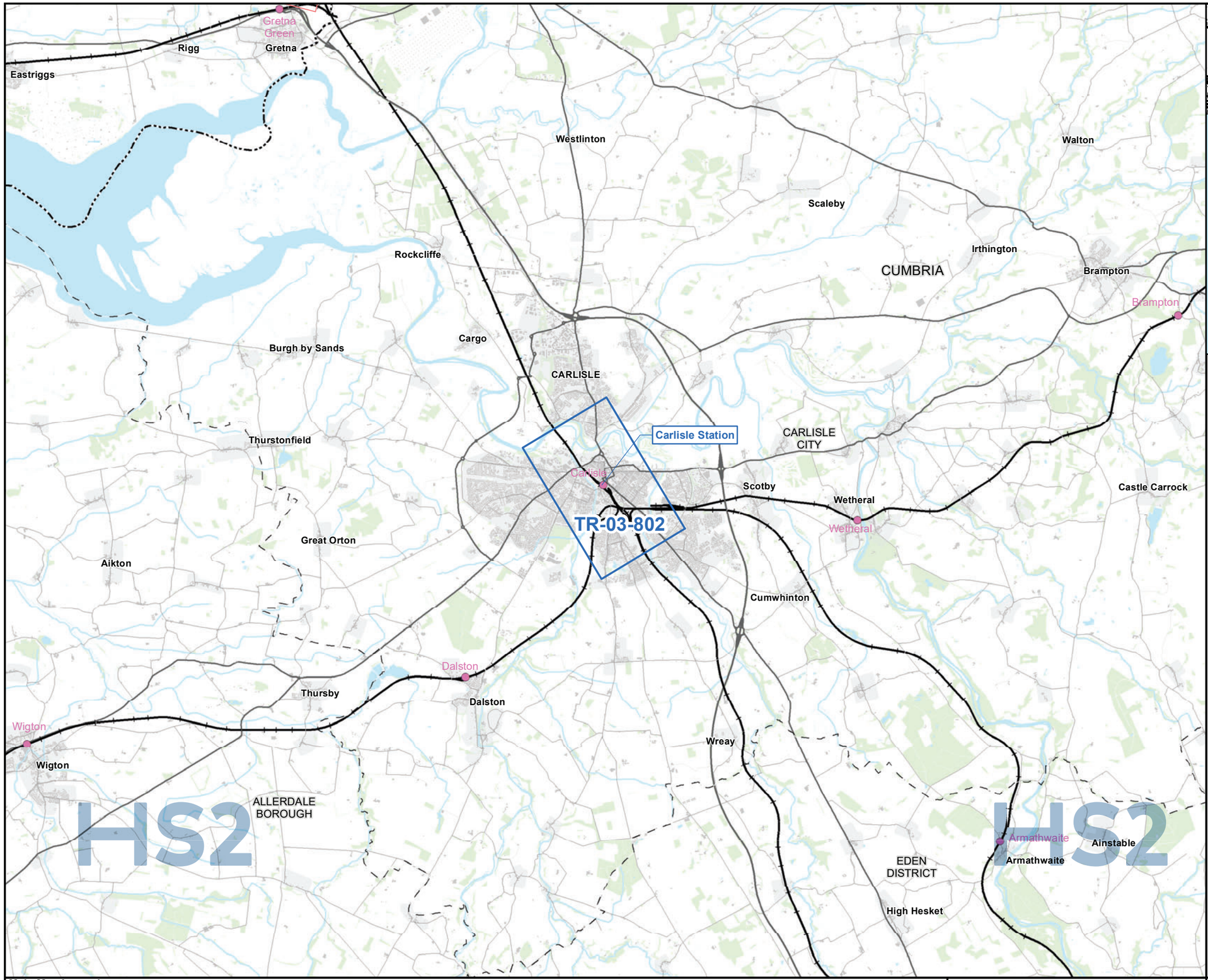
HS2

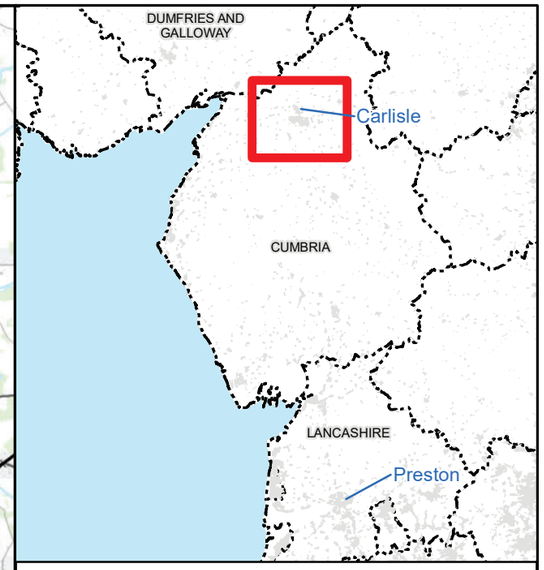
High Speed Rail (Crewe – Manchester) Environmental Statement

OR002: Carlisle Station

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation





Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

Main Map Legend

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

Map Number: TR-03-INDEX-CSTN

Map Name:
Index Map of:
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Off-route CSTN:
Carlisle Station

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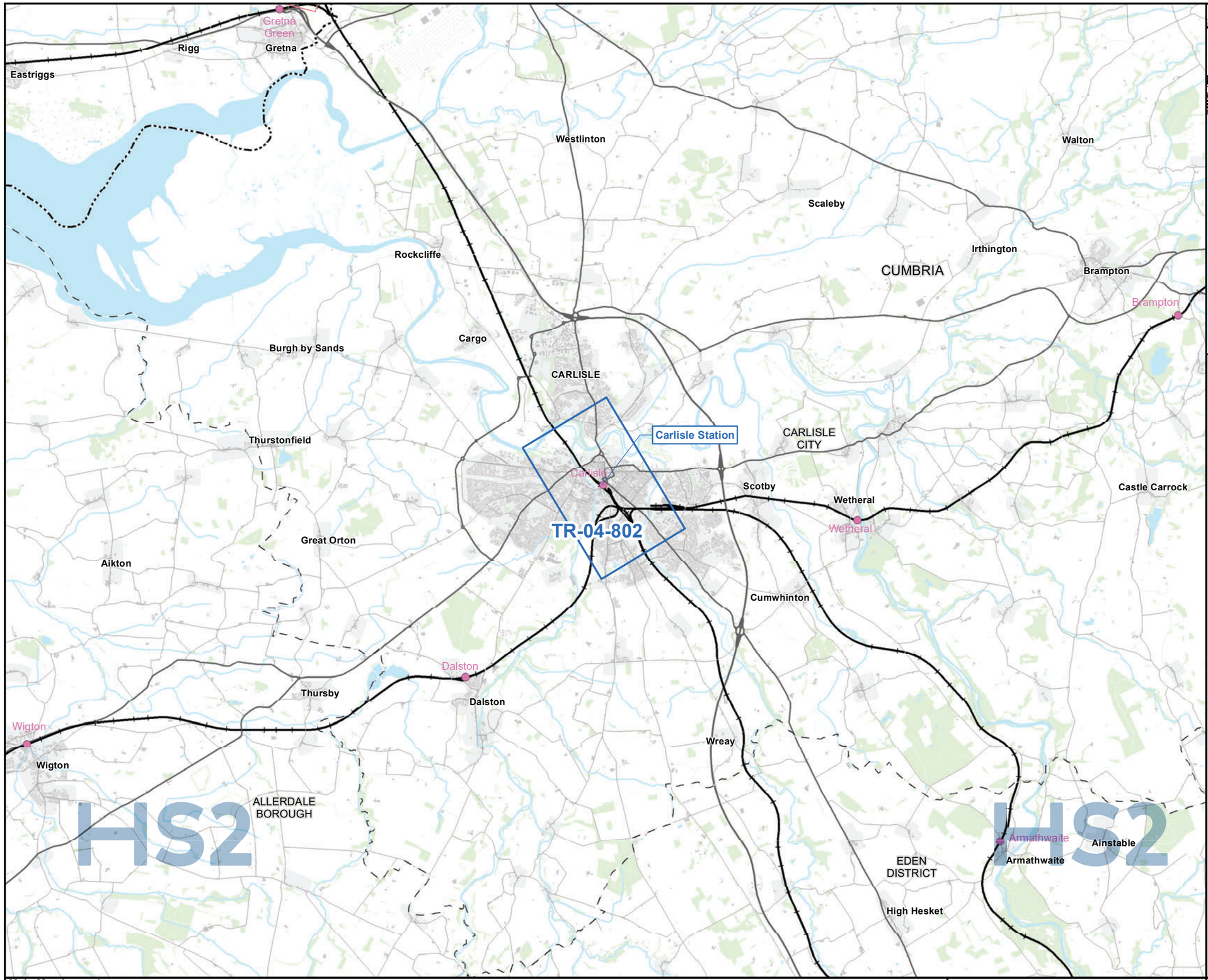

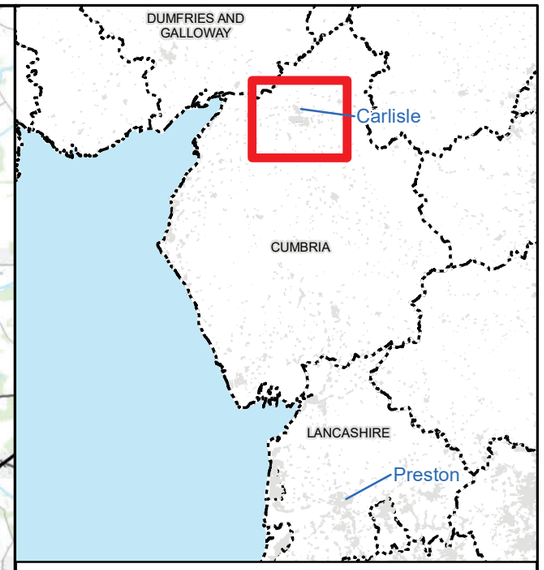

Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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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/Unitary Authority boundary
- District/Borough boundary
- Map sheets included in this community area
- Map sheets not included in this community area

Map Number: TR-04-INDEX-CSTN

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Off-route CSTN: Carlisle Station

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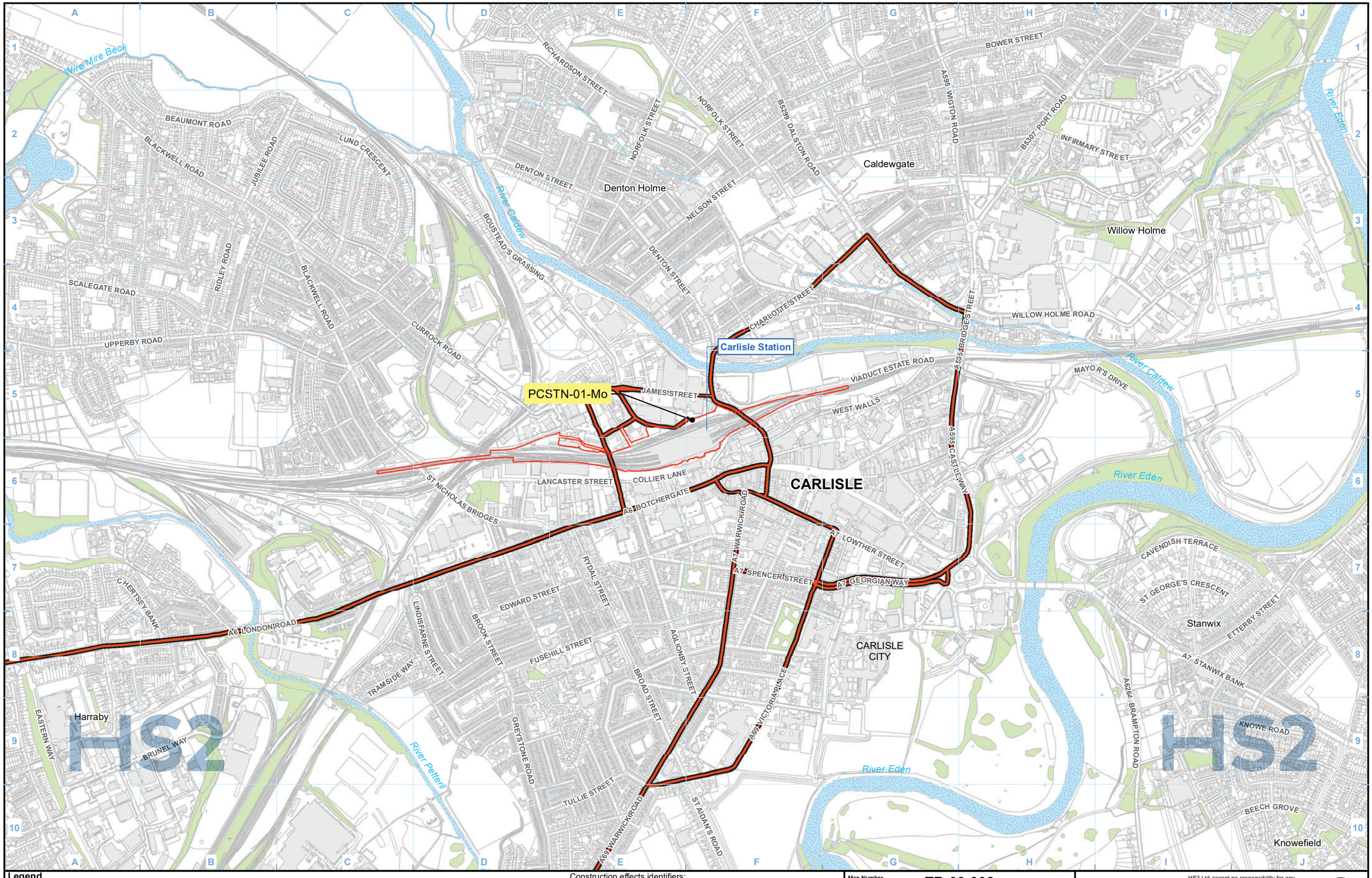

Legend

- 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

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-802

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Off-route CSTN:
Carlisle Station

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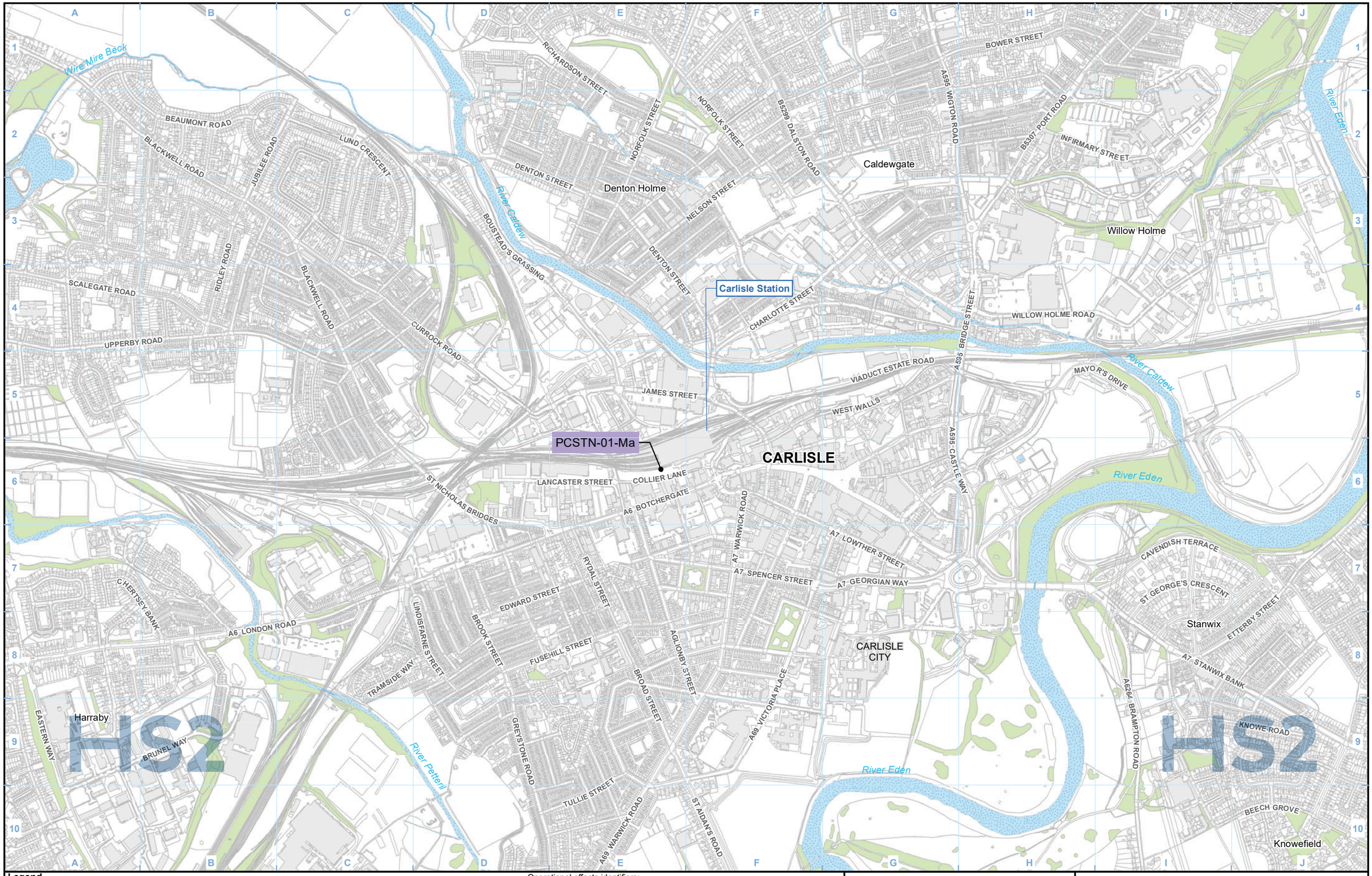
Date: 02/09/21



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-33
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 33 - Significant effect in 2033
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number: TR-04-802

Map Name: Significant Residual Transport Effects Arising from Operation

Off-route CSTN: Carlisle Station

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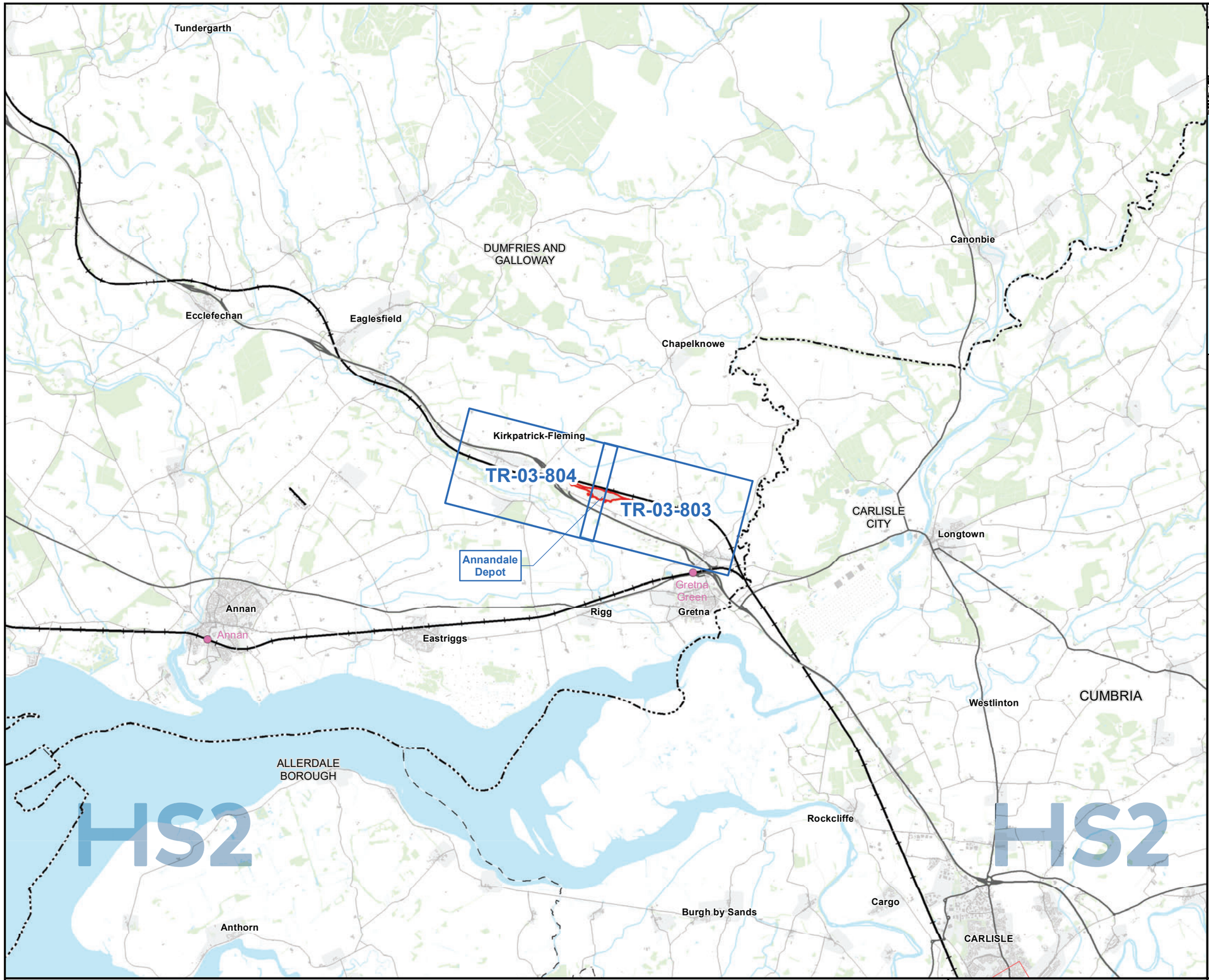
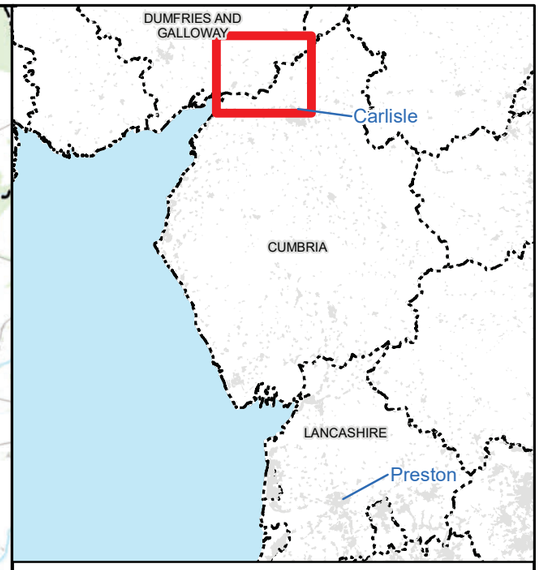
High Speed Rail
(Crewe – Manchester)
Environmental Statement

OR003: Annandale Depot

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

TR-04 - Significant Residual Transport Effects Arising from Operation





Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

Main Map Legend

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

Map Number: TR-03-INDEX-ADEP

Map Name:
Index Map of:
Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Off-route ADEP:
Annandale Depot

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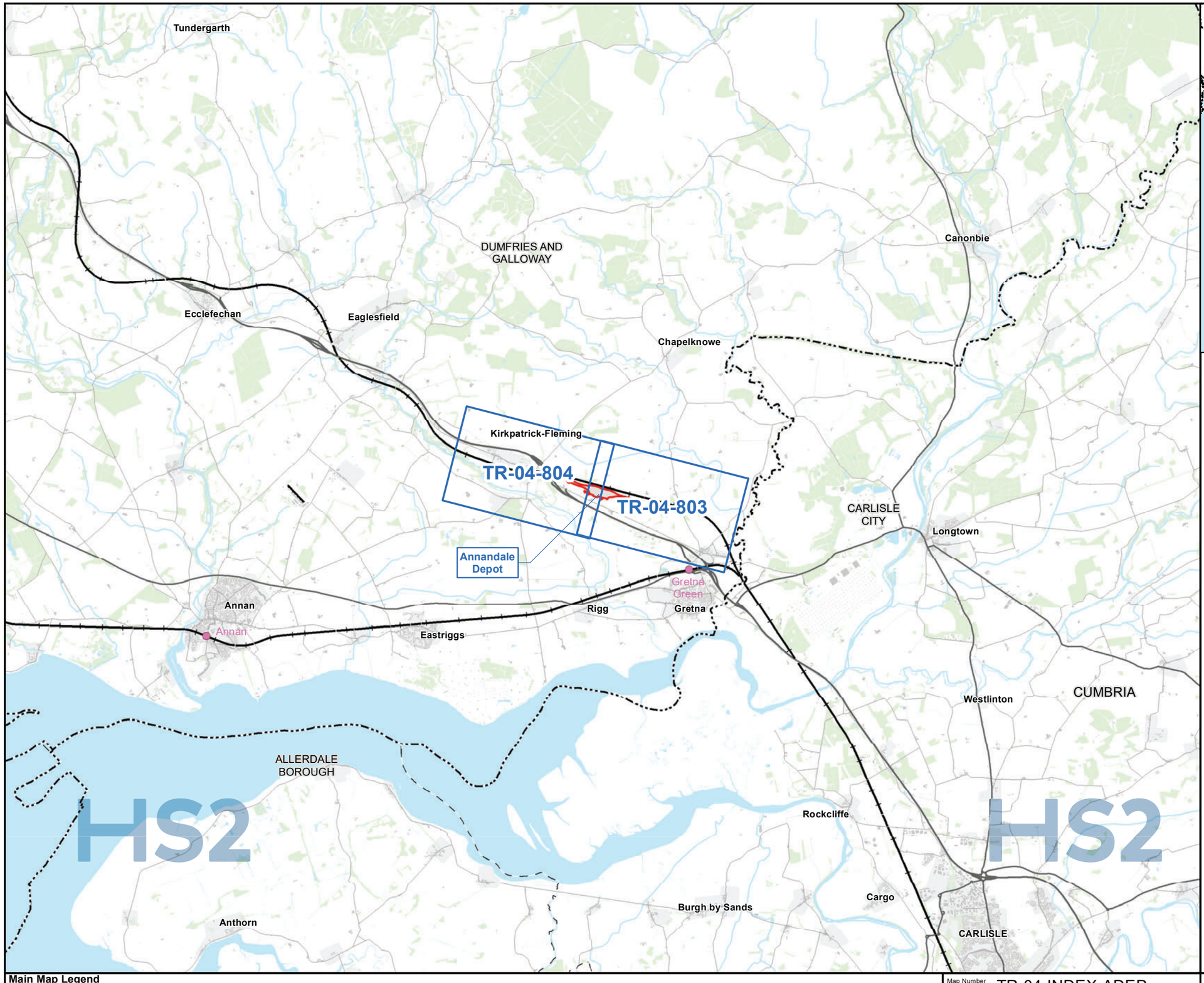

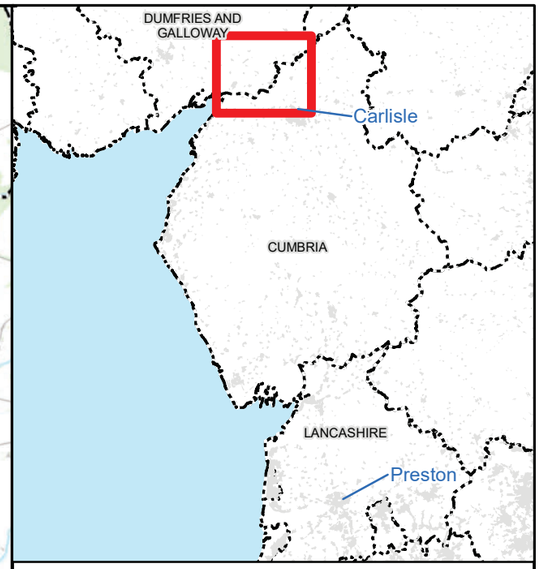

Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction traffic routes. Traffic routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A road/ strategic road network within each CA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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

Main Map Legend

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

Map Number: TR-04-INDEX-ADEP

Map Name: Index Map of: Significant Residual Transport Effects Arising from Operation

Off-route ADEP: Annandale Depot

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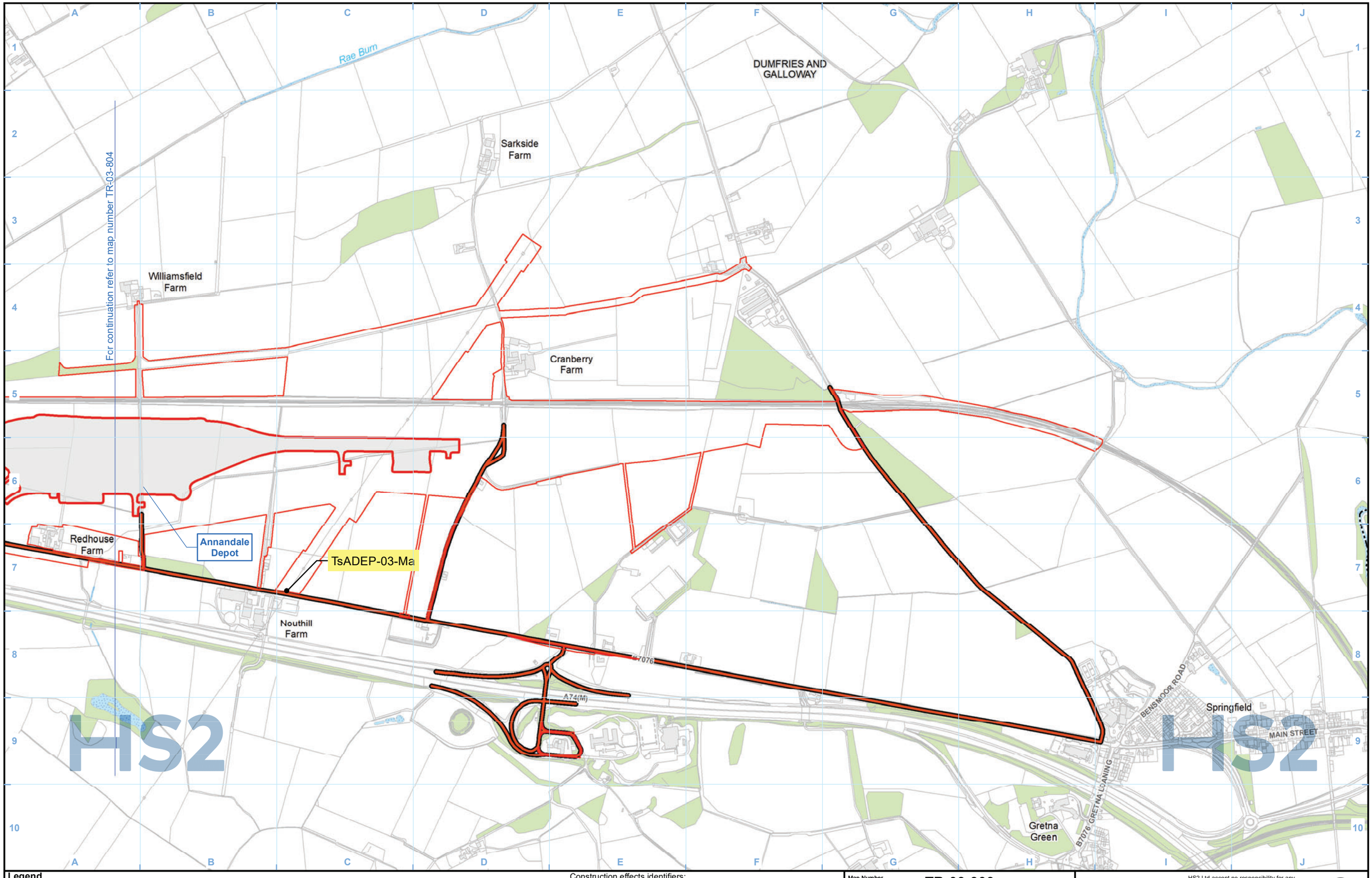
Date: 02/09/21



Legend

- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County/Unitary Authority boundary
- District/Borough boundary

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-803

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Off-route ADEP: Annandale Depot

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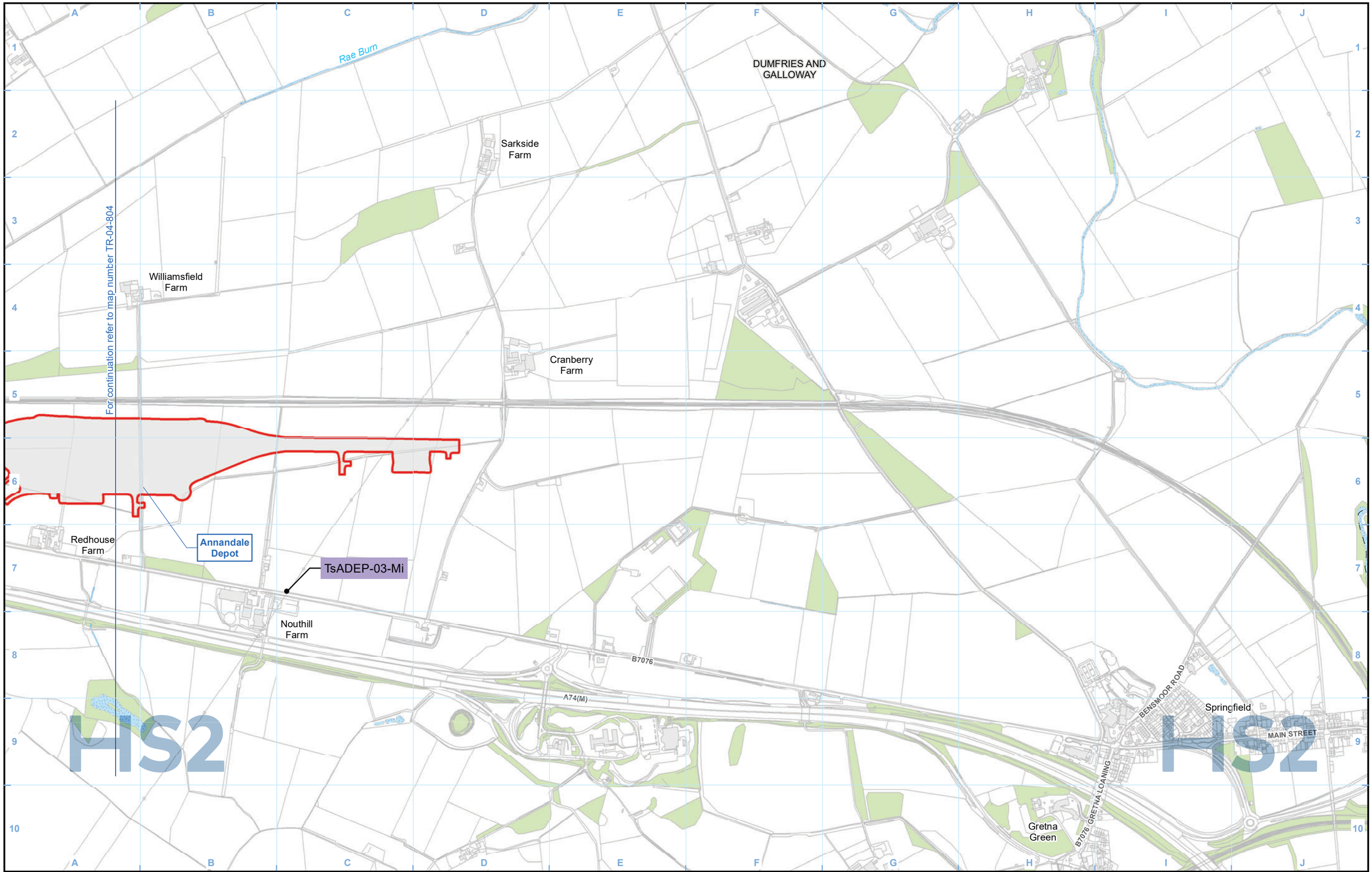

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County/Unitary Authority boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-33
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 33 - Significant effect in 2033
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-803

Map Name
Significant Residual Transport Effects Arising from Operation

Off-route ADEP: Annandale Depot

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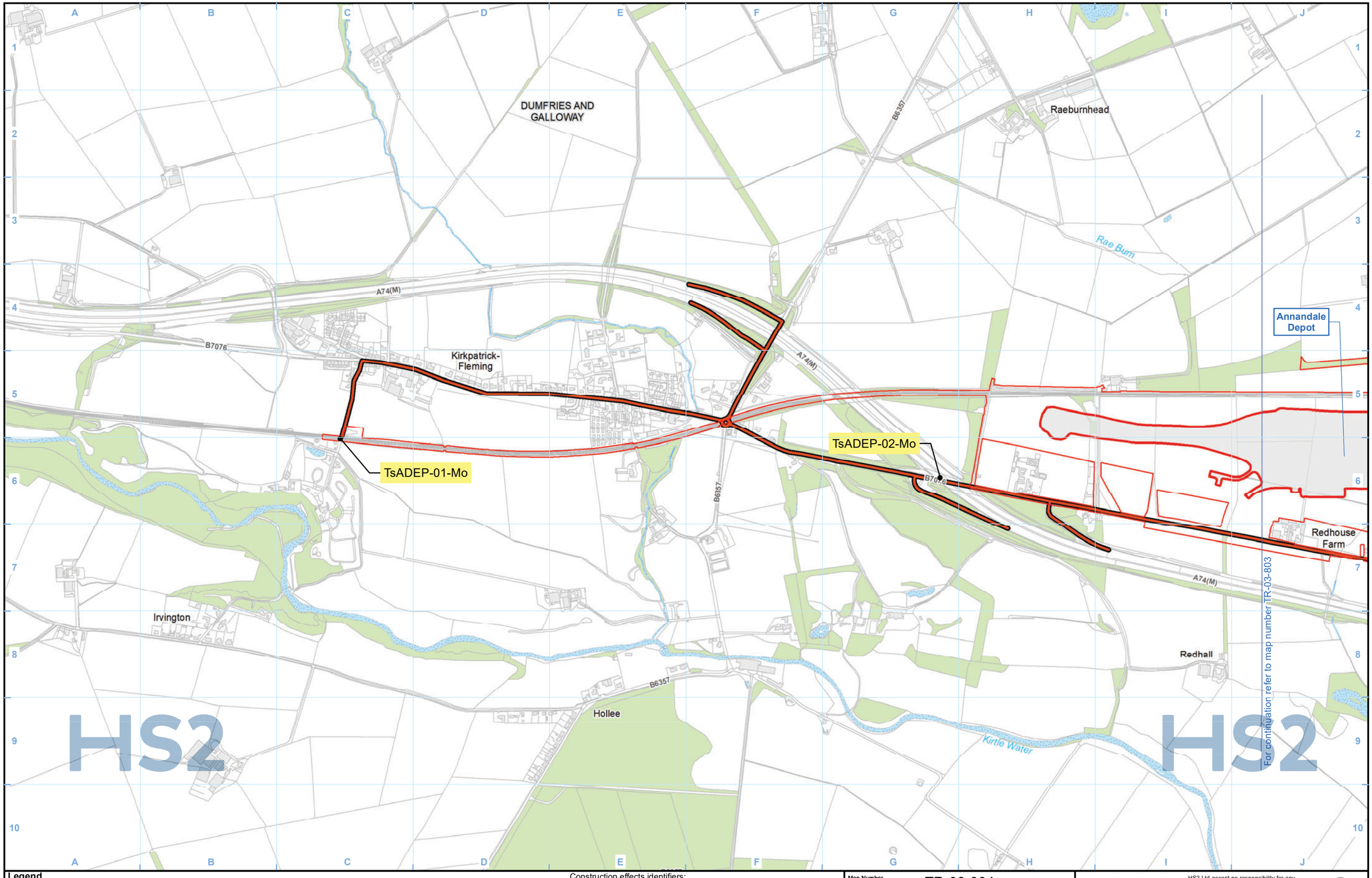

Legend

- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County/Unitary Authority boundary
- District/Borough boundary

Construction significant effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction traffic routes

Significant effect reference:

PT01-01-Ma

- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number TR-03-804

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Traffic Routes

Off-route ADEP:
Annandale Depot

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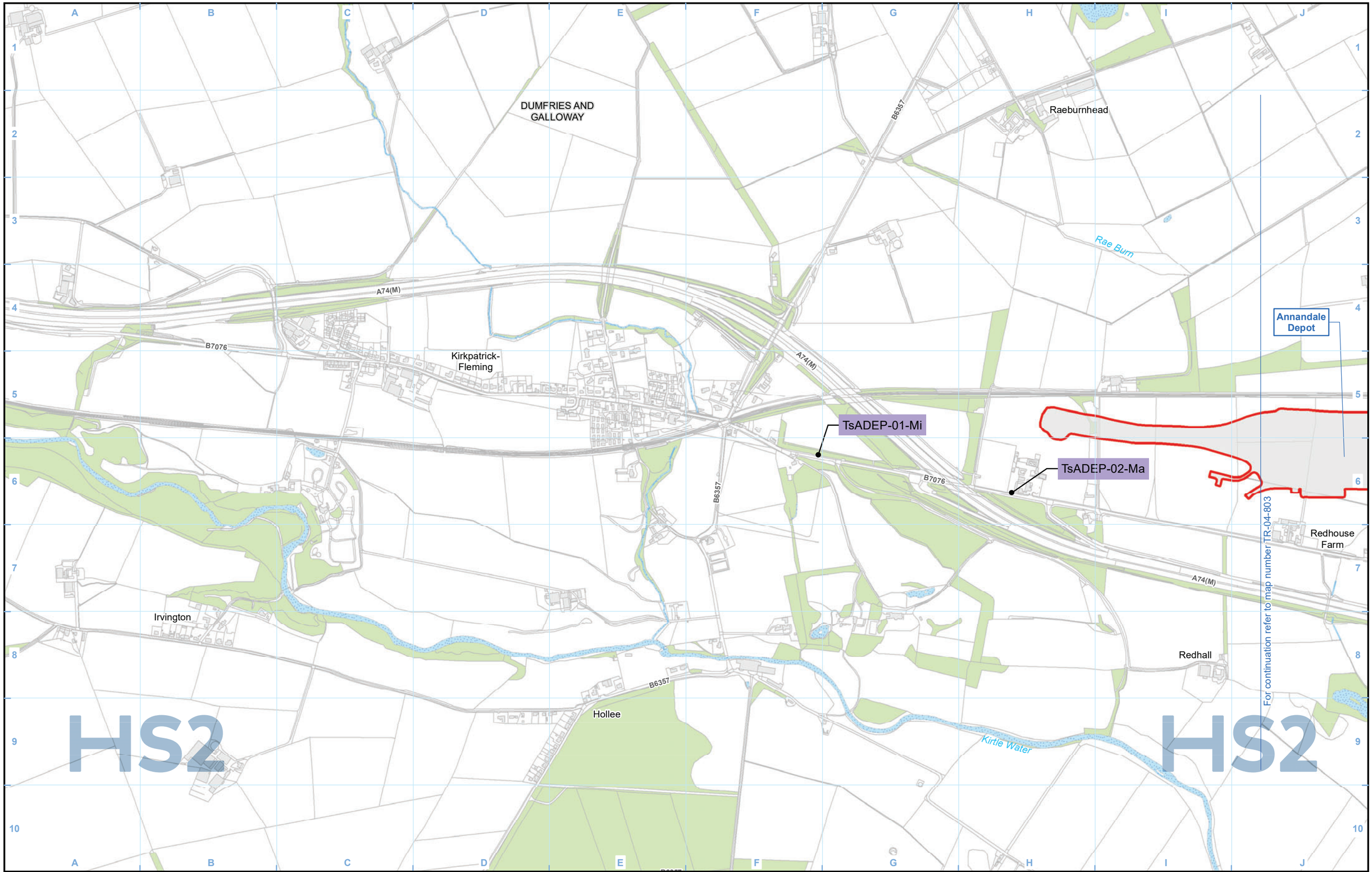

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community area boundary
- County/Unitary Authority boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational significant effects:
- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent

Significant effect reference: PT01-01-Mi-33
- Forecast Year
- Effect Level
- Feature Number
- CA Number
- Identifier - see across

Operational effects identifiers:
- PT - Public transport delay
- D - Disruption at stations / interchanges
- Tc - Traffic flows and delays to vehicle occupants
- Td - Traffic diversion
- Ts - Traffic severance - non-motorised users
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:
- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:
- 33 - Significant effect in 2033
- 46 - Significant effect in 2046
- Missing - Significant effect in both forecast years

Map Number TR-04-804

Map Name
Significant Residual Transport Effects Arising from Operation

Off-route ADEP:
Annandale Depot

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