

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Volume 5: Map Book

Socio-economics (SE-01)

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Volume 5: Map Book Socio-economics (SE-01)



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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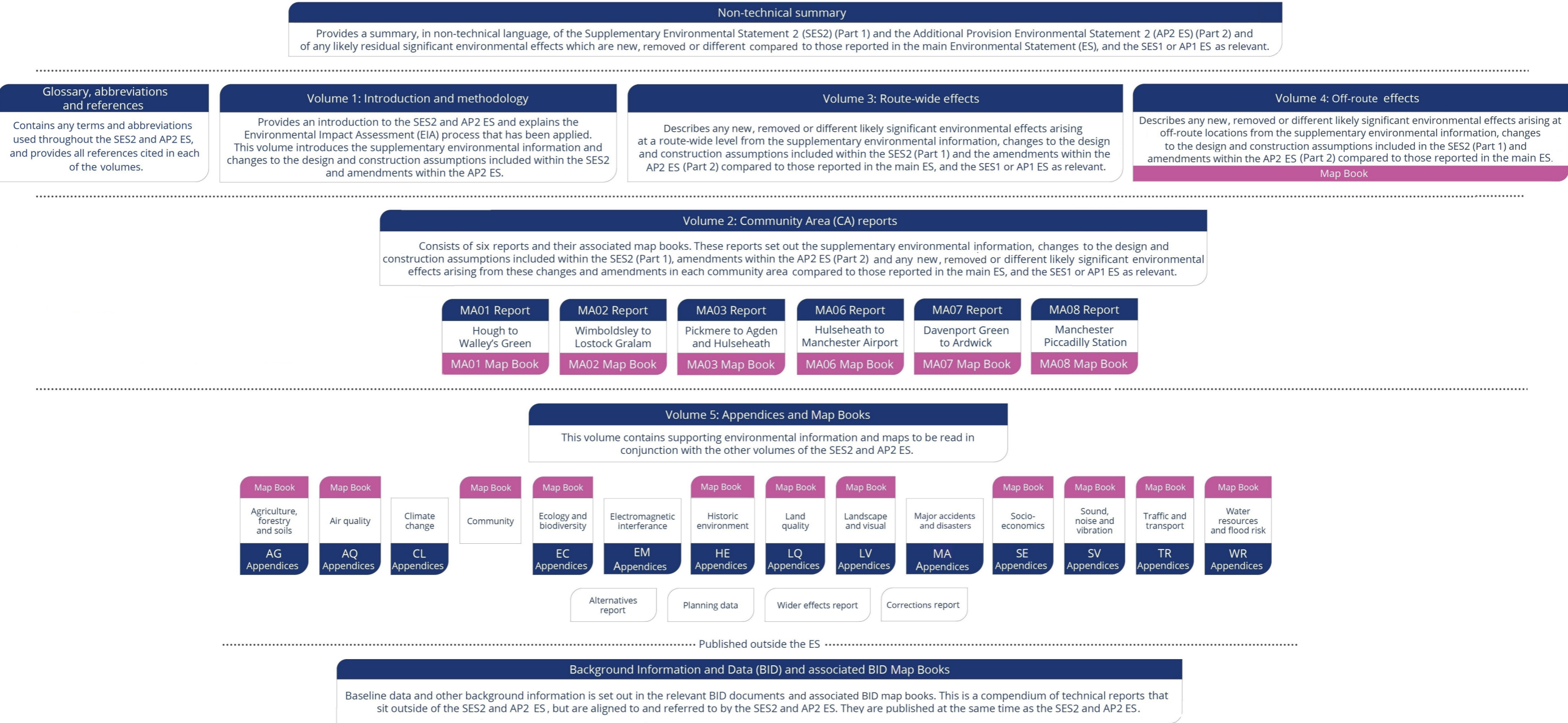
Data dictionary and definitions

Map series name	SE-01 - Socio-economic Significantly Affected Resources
Map series description	These maps identify socio-economic receptors which will experience new or different significant effects during construction and/or operation of the SES2 scheme/AP2 revised scheme when compared to the original scheme, SES1 scheme and AP1 revised scheme. Significant effects on receptors that remain unchanged from the original scheme, SES1 scheme and AP1 revised scheme, or that have been removed due to the SES2 design change/AP2 amendments, are also shown.
Community Area name	
MA01 Hough to Walley's Green	✓
MA02 Wimboldsley to Lostock Gralam	✓
MA03 Pickmere to Agden and Hulseheath	✓
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 Supplementary Environmental Statement 2 and the Additional Provision 2 Environmental Statement

This map book is part of the suite of documents that make up the Supplementary Environmental Statement 2 (SES2) and the Additional Provision 2 Environmental Statement (AP2 ES) for the High Speed Rail (Crewe – Manchester) scheme. The SES2 and the AP2 ES are separate documents; however, they are bound together and presented in a number of volumes shown in the figure below.



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 SES2 and AP2 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 SES2 and AP2 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 dependent 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 sheet layout

Each map in Volume 2 is presented twice, with the main ES map (In Parliament - Session 2021 - 2022) on the left-hand page and the SES2 and the AP2 ES map on the right. For the CT-05 and CT-06 map series, the SES2 and the AP2 ES is shown with different coloured hatching, annotated with labels, which highlights the areas of change. The coloured text box provides a brief description of the design change and amendment, and gives the SES2 and the AP2 ES reference number. In some instances where the effect covers a large area, a box without hatching but with a label, is shown. Only maps which have been amended as a result of the SES2 and the AP2 ES are included within the map books. Other design changes which are within the existing limits of the Bill and do not result in new or different likely significant effects are also shown on the maps, but are not indicated by hatching.

Each Volume 5 map is annotated to describe the change to a receptor or significant effect, and to give the SES2 and the AP2 ES reference number. For more detailed information about the SES2 and the AP2 ES annotation, refer to the map series legend. Only maps which have been amended as a result of the SES2 and the AP2 ES are included within the map book. Changes to receptors or significant effects relating to SES1 or AP1 ES are also provided for reference. Where this is the case they are shown in a faded box.

Where a significant effect has been changed due to a correction to mapping produced in the main ES or previous SES/AP, the significant effect reference is suffixed with a double asterisk (**). The map now shows the correct effect.

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.

Further details on the approach to mapping is set out in Section 6 of Volume 1 of the SES2 and AP2 ES.

Map books

In total, there are 19 map books included in the SES2 and AP2 ES Volume 2, Volume 4 and Volume 5. A list of the map book titles and map series is provided below for reference.

Map book title (map series)	Map book title (map series)
Volume 2: Map Book – MA01: Hough to Walley’s Green (CT-05, CT-06, CT-10, LV-03, SV-05)	Volume 5: Map Book – Planning Data / Committed Developments (CT-13)
Volume 2: Map Book – MA02: Wimboldsley to Lostock Gralam (CT-05, CT-06, CT-10, LV-03, SV-05)	Volume 5: Map Book – Ecology and biodiversity (EC-01)
Volume 2: Map Book – MA03: Pickmere to Agden and Hulseheath (CT-05, CT-06, CT-10, LV-03, LV-04, SV-05)	Volume 5: Map Book – Historic environment (HE-01, HE-02)
Volume 2: Map Book – MA06: Hulseheath to Manchester Airport (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04, SV-05)	Volume 5: Map Book – Land quality (LQ-01)
Volume 2: Map Book – MA07: Davenport Green to Ardwick (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04)	Volume 5: Map Book – Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map Book – MA08: Manchester Piccadilly Station (CT-05, CT-06, CT-10, LV-03, LV-04, SV-05)	Volume 5: Map Book – Socio-economics (SE-01)
Volume 4: Off-route effects map book	Volume 5: Map Book – Sound, noise and vibration (SV-02, SV-03, SV-08, SV-09)
Volume 5: Map Book – Agriculture, forestry and soils (AG-01, AG-04)	Volume 5: Map Book – Traffic and transport (TR-01, TR-03, TR-04, TR-08)
Volume 5: Map Book – Air quality (AQ-01)	Volume 5: Map Book – Water resources and flood risk (WR-01, WR-03, WR-05, WR-06)
Volume 5: Map Book – Community (CM-01)	

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Community area boundary	The Environmental Statement has been split into sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
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 2021.
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
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	
Resources significantly affected during construction	Socio-economic resources identified as significantly affected by either the construction or operation of the scheme. Derived from Ordnance Survey MasterMap data.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
Resources significantly affected during construction and operation	Socio-economic resources identified as significantly affected by either the construction or operation of the scheme. Derived from Ordnance Survey MasterMap data.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
Resources significantly affected during operation	Socio-economic resources identified as significantly affected by either the construction or operation of the scheme. Derived from Ordnance Survey MasterMap data.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.

Legend features	Definition	Source	Copyright
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	
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 2022.
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 2022.
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 2022.

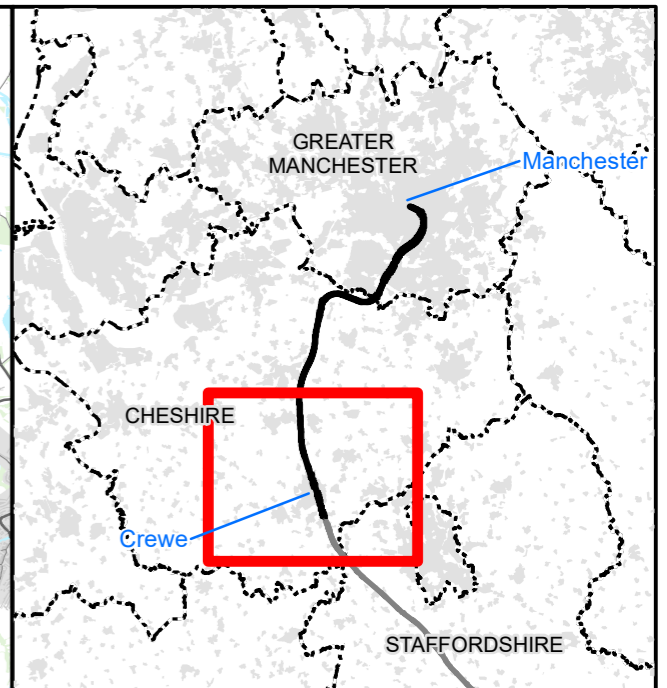
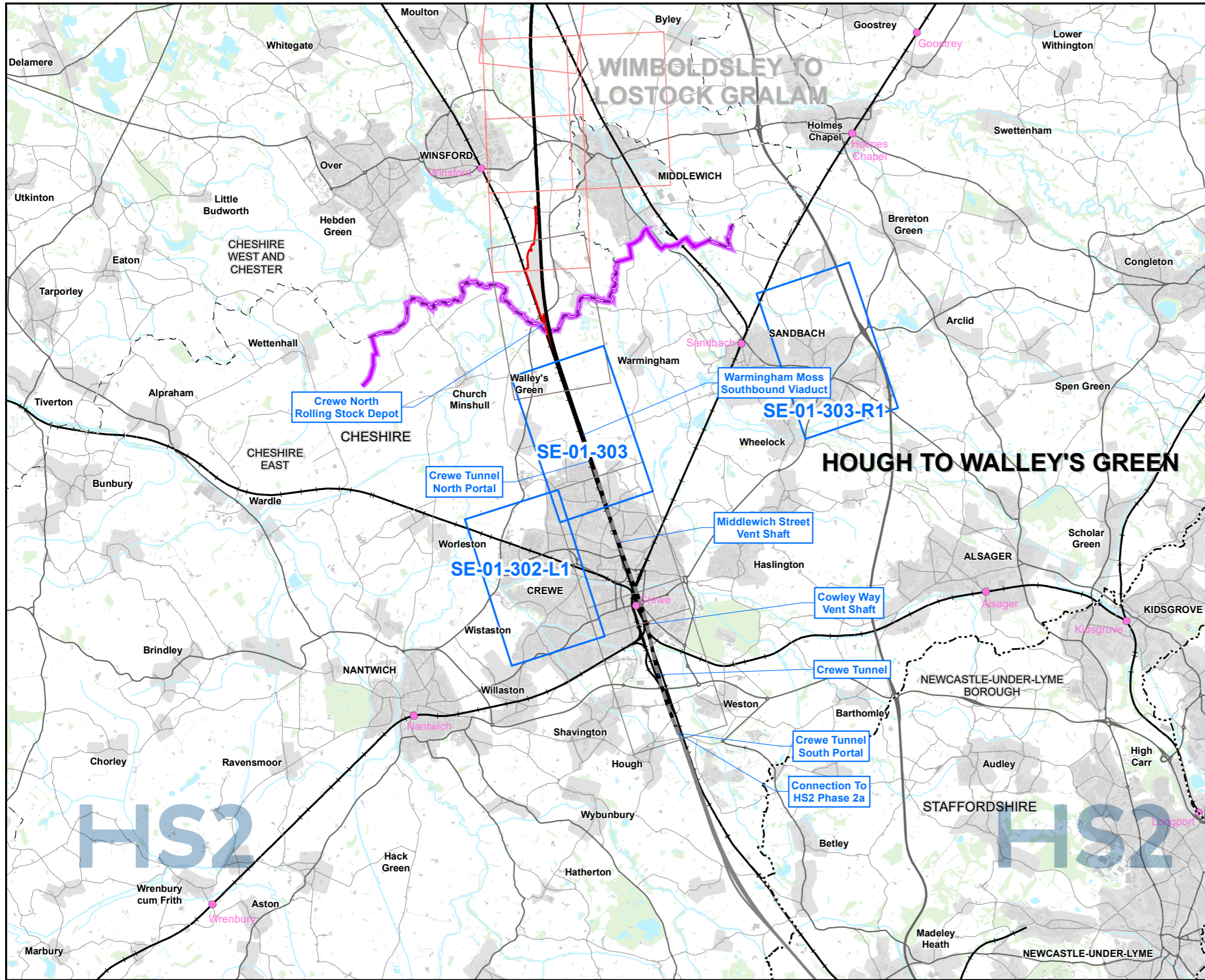
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA01: Hough to Walley's Green

SE-01 – Socio-Economic Significantly Affected Resources



Map Series Information:

These maps identify socio-economic receptors which will experience new or different significant effects during construction and/or operation of the SES2 scheme/AP2 revised scheme when compared to the original scheme, SES1 scheme and AP1 revised scheme. Significant effects on receptors that remain unchanged from the original scheme, SES1 scheme and AP1 revised scheme, or that have been removed due to the SES2 design change/AP2 amendments, are also shown.

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 included in this community area with no amendment
- Map sheets not included in this community area

Map Number	SE-01-INDEX-MA01
Map Name	Index Map of: Socio-economic Significantly Affected Resources SES2 and AP2 ES
	Community Area MA01: Hough to Walley's Green

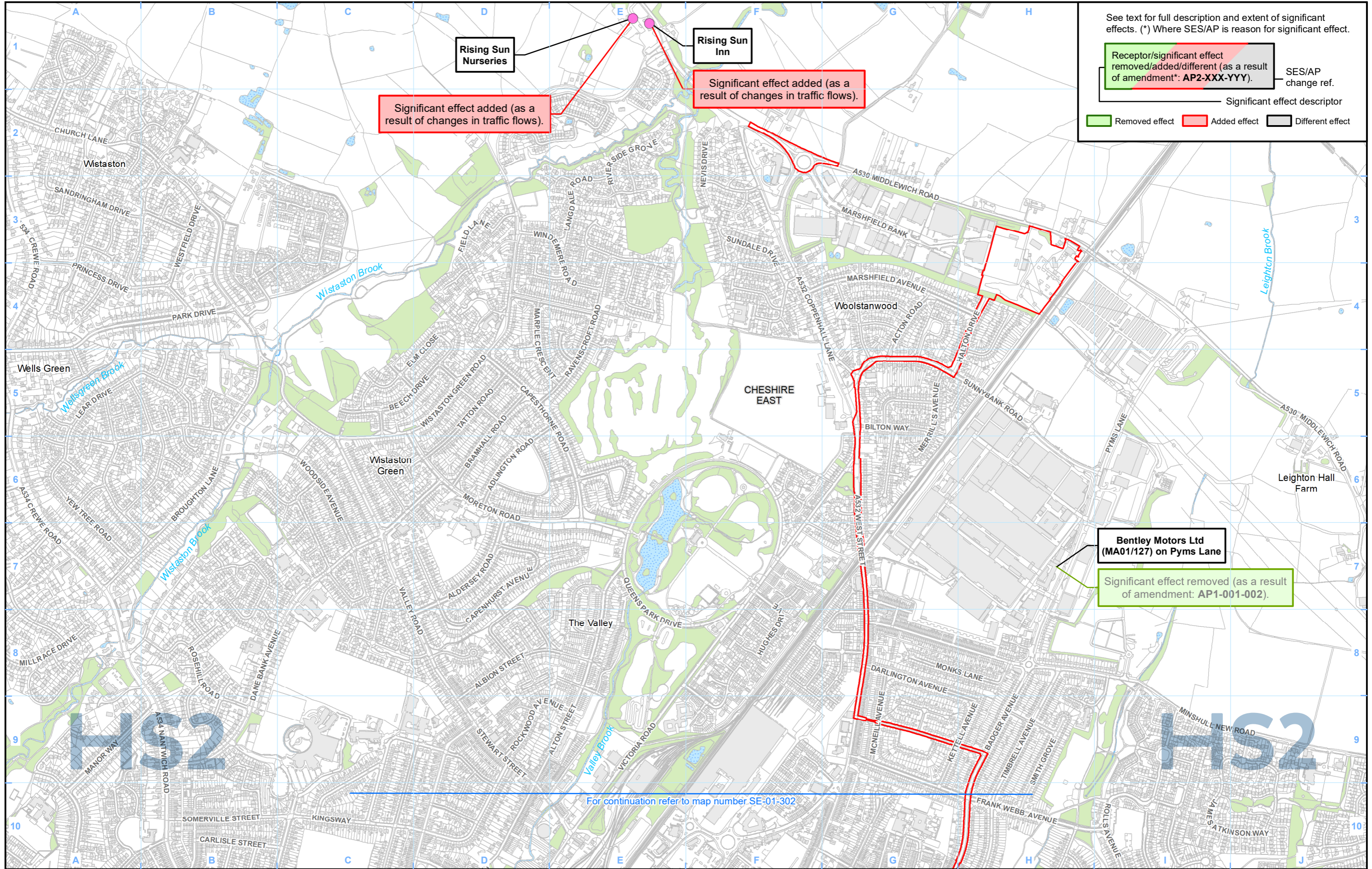
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Date: 31/03/23



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect (Green) Added effect (Red) Different effect (Grey)

Legend

- Route in tunnel (Black line)
- Route on surface (Grey line)
- Depot, station, headhouse or portal building (Red outline)
- Land potentially required during construction (Red outline)
- Community area boundary (Dashed line)
- County boundary (Dotted line)
- District/Borough boundary (Thin grey line)
- Watercourse (Blue line)
- Water body (Blue hatched area)
- Woodland (Green hatched area)

Resources significantly affected during construction:

- Land taken or demolitions (Yellow circle)
- Isolation (Pink circle)
- In-combination (Green circle)
- Multiple (Blue circle)

Resources significantly affected during operation:

- In-combination (Green square)
- Isolation (Pink square)

Resources significantly affected during construction and operation:

- In-combination (Green triangle)
- Isolation (Pink triangle)

Map Number: SE-01-302-L1

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA01: Hough to Walley's Green

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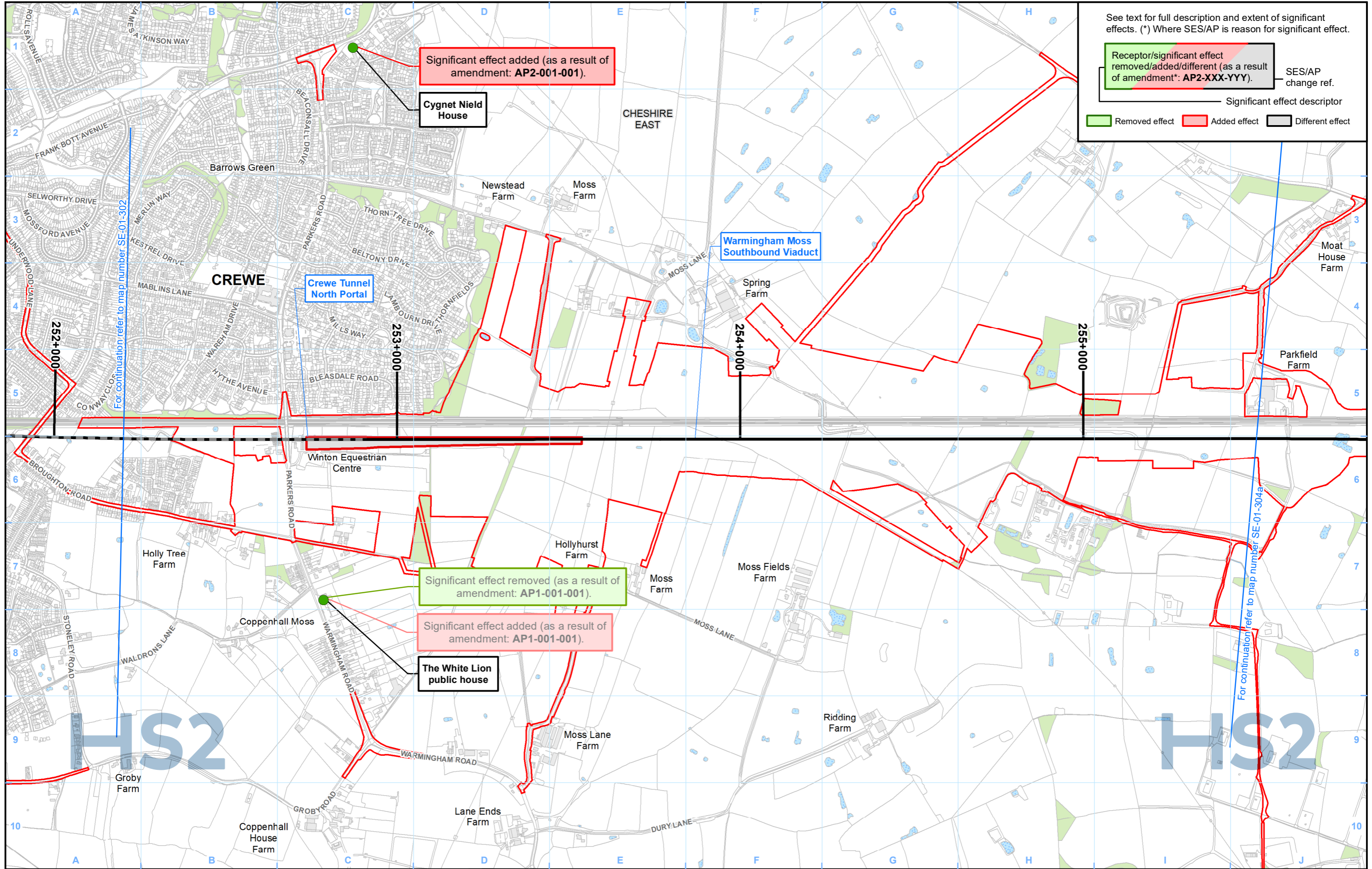
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Date: 31/03/23

For continuation refer to map number SE-01-302



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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). — SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

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

Resources significantly affected during construction:

- Land taken or demolitions
- Isolation
- In-combination
- Multiple

Resources significantly affected during operation:

- In-combination
- Isolation

Resources significantly affected during construction and operation:

- In-combination
- Isolation

Map Number: SE-01-303

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA01: Hough to Walley's Green

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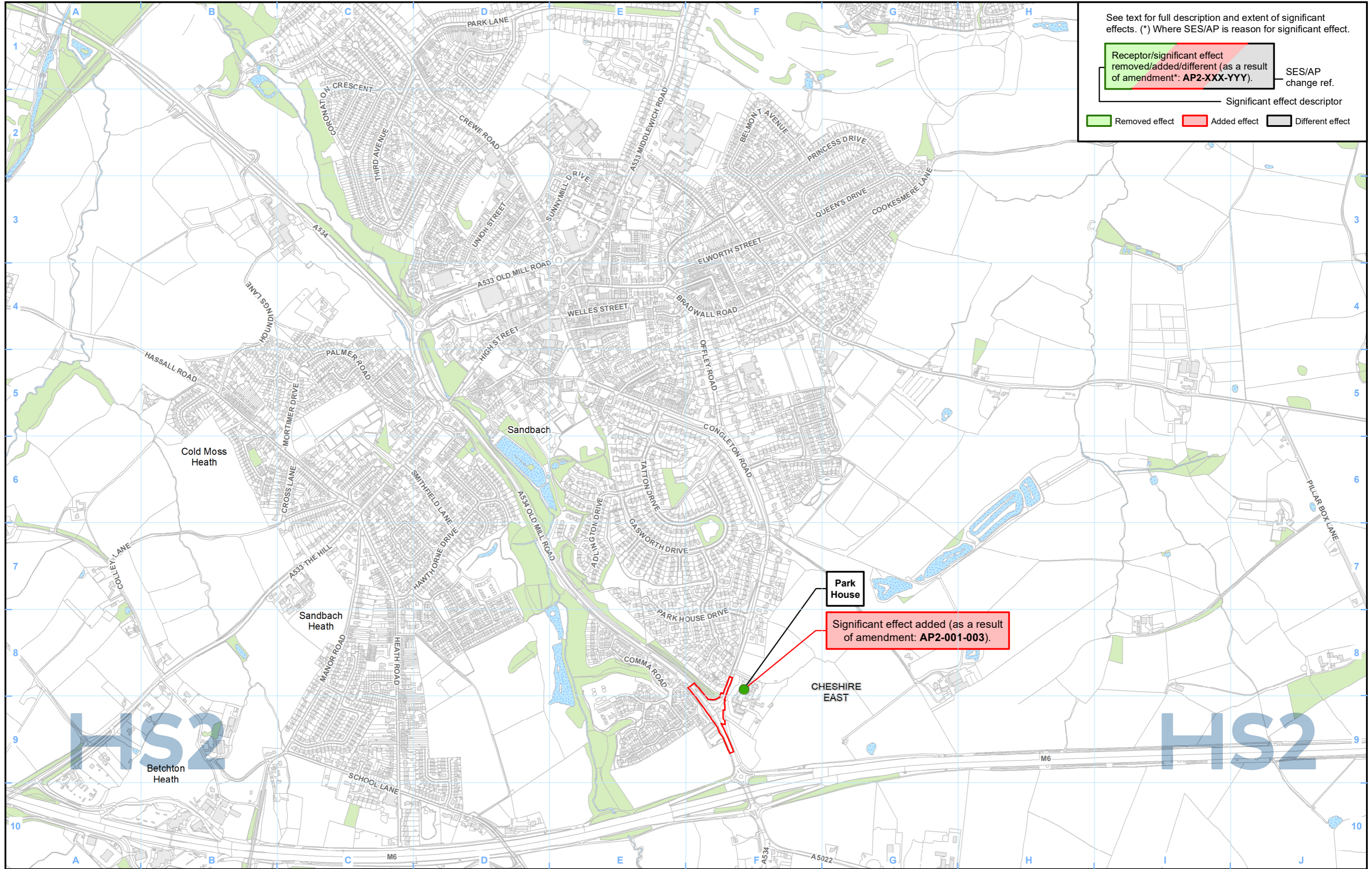
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

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

Resources significantly affected during construction:

- Land taken or demolitions
- Isolation
- In-combination
- Multiple

Resources significantly affected during operation:

- In-combination
- Isolation

Resources significantly affected during construction and operation:

- In-combination
- Isolation

Map Number: SE-01-303-R1

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA01: Hough to Walley's Green

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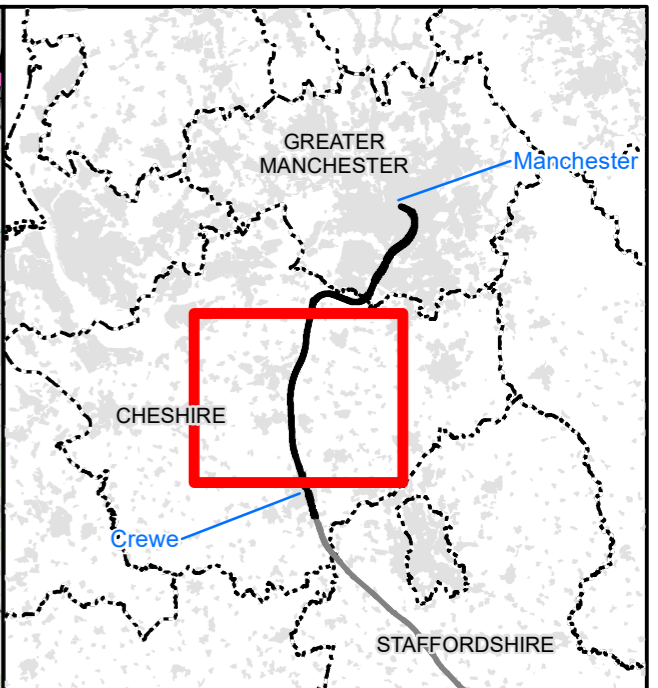
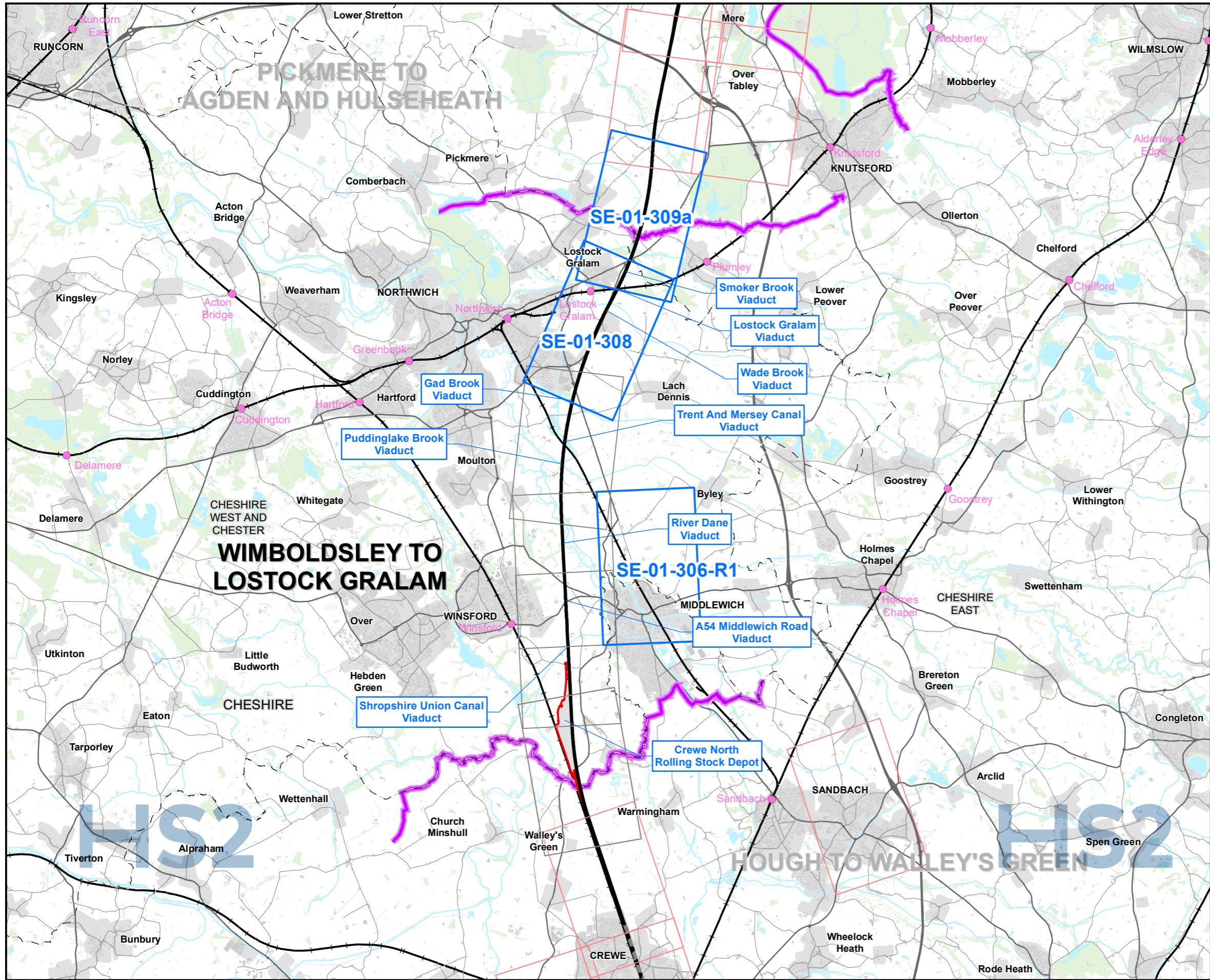
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA02: Wimboldsley to Lostock Gralam

SE-01 – Socio-Economic Significantly Affected Resources



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Main Map Legend

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

Map Number	SE-01-INDEX-MA02
Map Name	Index Map of: Socio-economic Significantly Affected Resources SES2 and AP2 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

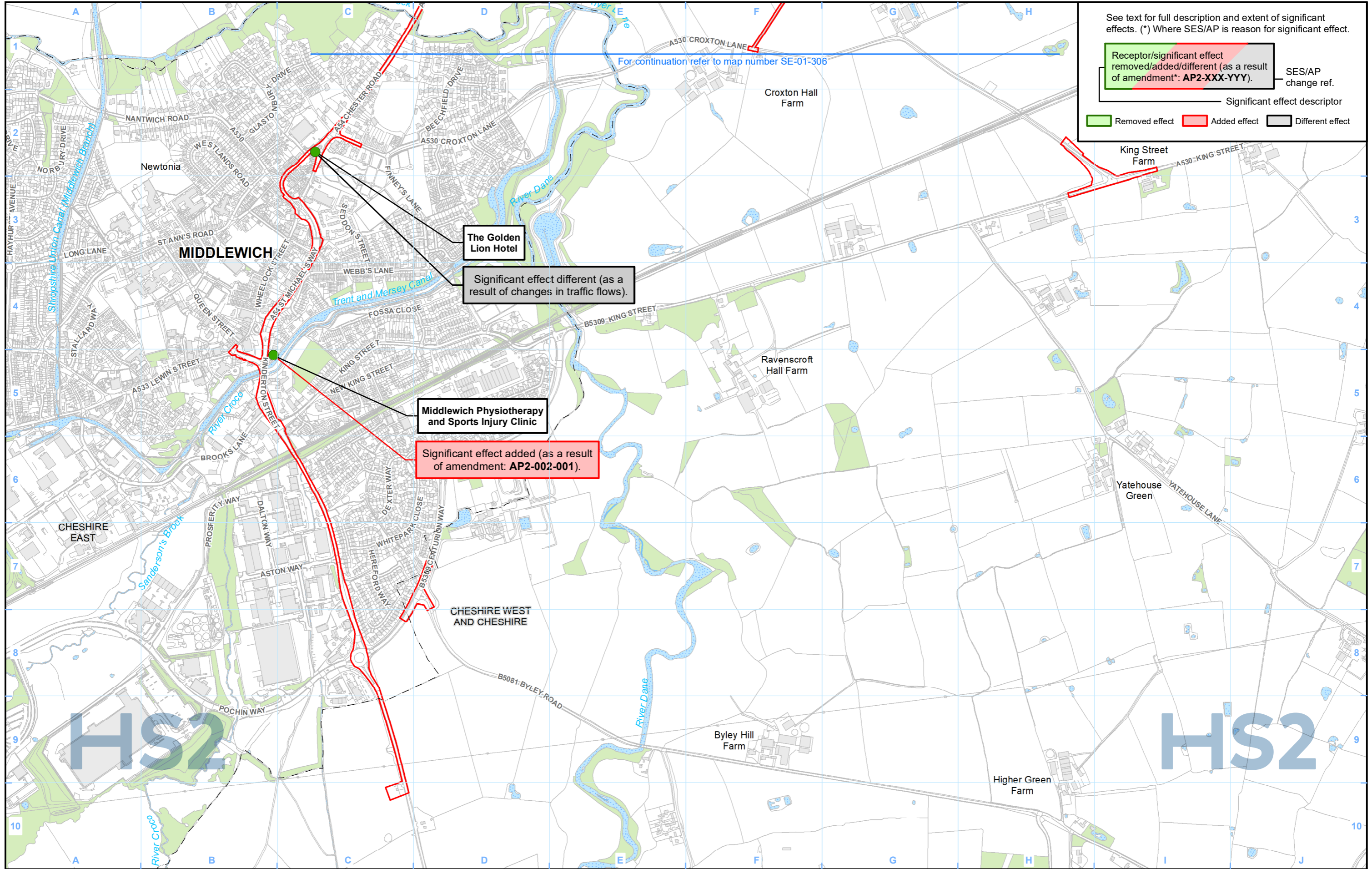
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

Legend

<ul style="list-style-type: none"> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary 	<ul style="list-style-type: none"> Watercourse Water body Woodland 	<p>Resources significantly affected during construction:</p> <ul style="list-style-type: none"> Land taken or demolitions Isolation In-combination Multiple 	<p>Resources significantly affected during operation:</p> <ul style="list-style-type: none"> In-combination Isolation <p>Resources significantly affected during construction and operation:</p> <ul style="list-style-type: none"> In-combination Isolation
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Map Number: SE-01-306-R1

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA02: Wimboldsley to Lostock Gralam

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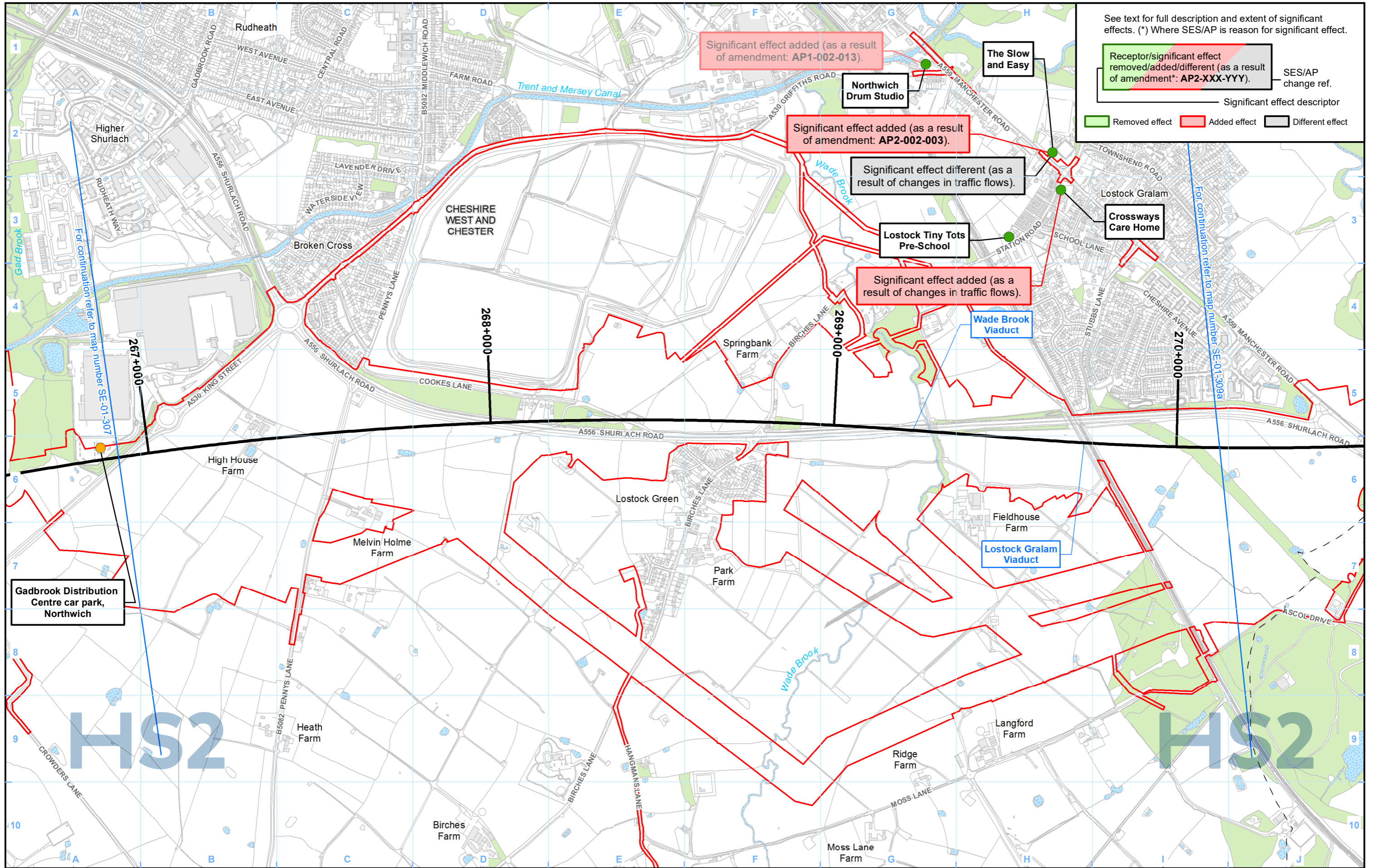
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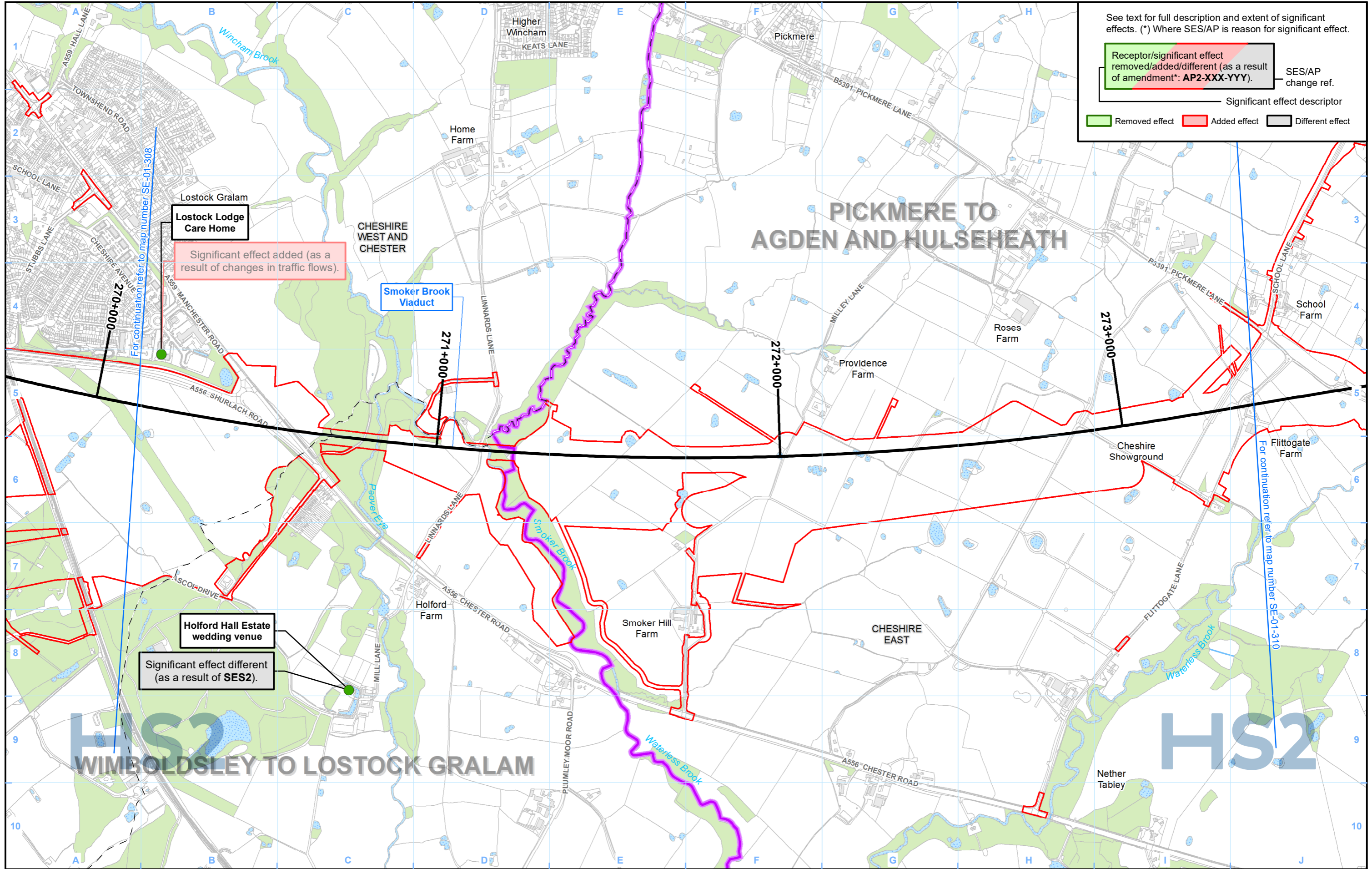
See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). — SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

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		Resources significantly affected during construction: Land taken or demolitions Isolation In-combination Multiple		Resources significantly affected during operation: In-combination Isolation Resources significantly affected during construction and operation: In-combination Isolation		Map Number SE-01-308	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686. Registered office: Two Snowhill, Snow Hill Queensway, Birmingham B4 6GA.</p> <p>© Crown copyright and database rights 2022 OS 100049190</p> <p>Scale at A3: 1:10,000</p> <p>Doc Number: 2PT27-MWJ-EV-MAP-M000-001956-P01</p> <p>Date: 31/03/23</p>
Socio-economic Significantly Affected Resources SES2 and AP2 ES						Map Name Community Area MA02: Wimboldsley to Lostock Gralam			
<p>For continuation refer to map number SE-01-307</p> <p>For continuation refer to map number SE-01-309a</p>									



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). — SES/AP change ref.

Significant effect descriptor

Removed effect (Green) Added effect (Red) Different effect (Grey)

Legend

- Route in tunnel (Black line)
- Route on surface (Grey line)
- Depot, station, headhouse or portal building (Red outline)
- Land potentially required during construction (Red outline)
- Community area boundary (Purple outline)
- County boundary (Dashed line)
- District/Borough boundary (Dotted line)
- Watercourse (Blue line)
- Water body (Blue hatched area)
- Woodland (Green hatched area)

Resources significantly affected during construction:

- Land taken or demolitions (Yellow circle)
- Isolation (Pink circle)
- In-combination (Green circle)
- Multiple (Blue circle)

Resources significantly affected during operation:

- In-combination (Green square)
- Isolation (Pink square)

Resources significantly affected during construction and operation:

- In-combination (Green triangle)
- Isolation (Pink triangle)

Map Number: SE-01-309a

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA02: Wimboldsley to Lostock Gralam

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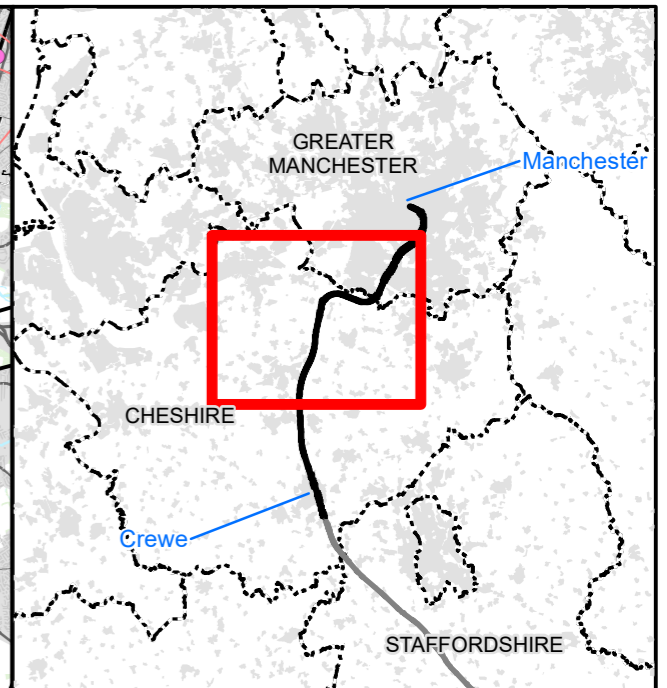
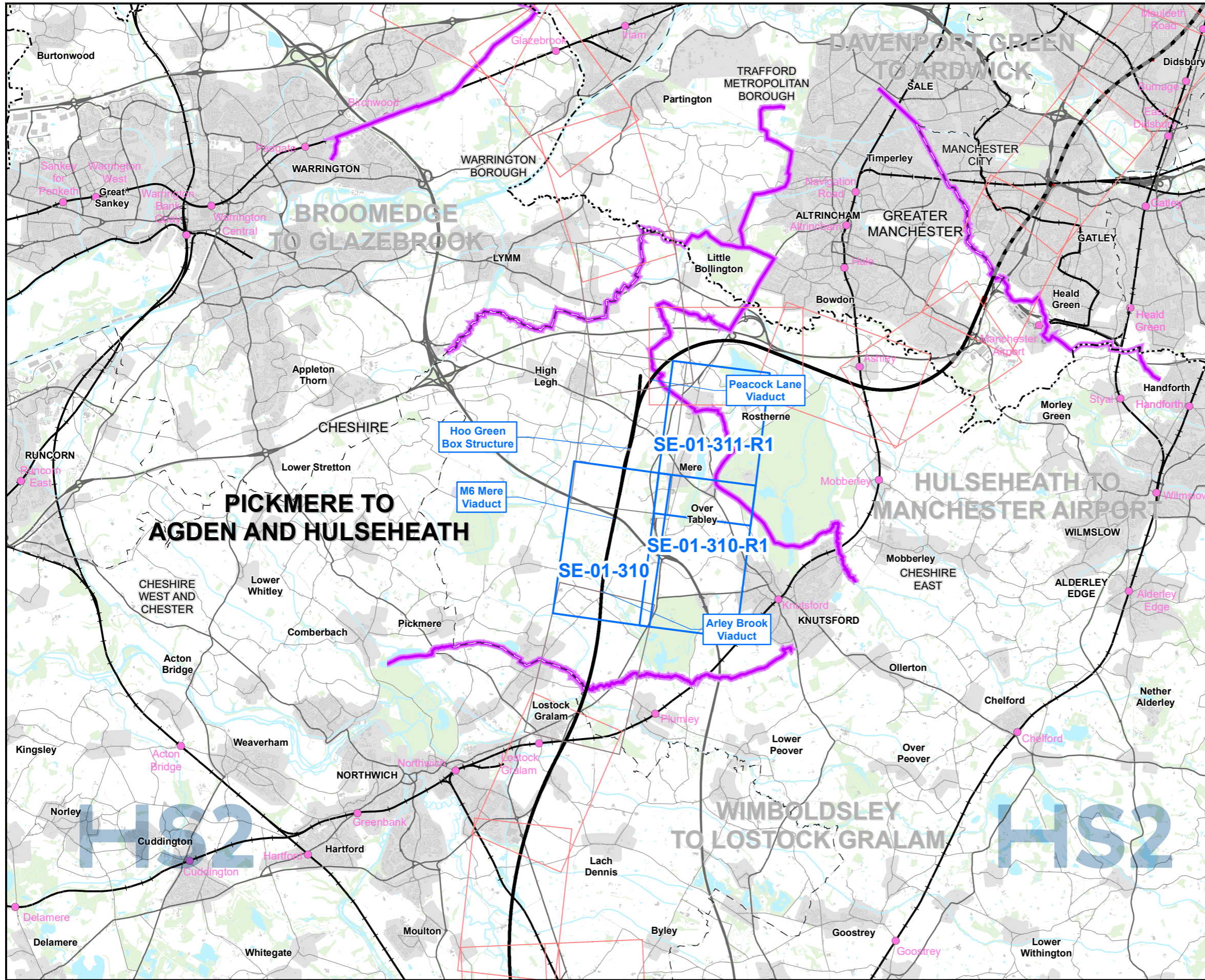
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA03: Pickmere to Agden and Hulseheath

SE-01 – Socio-Economic Significantly Affected Resources



Map Series Information:

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Main Map Legend

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

Map Number	SE-01-INDEX-MA03
Map Name	Index Map of: Socio-economic Significantly Affected Resources SES2 and AP2 ES
	Community Area MA03: Pickmere to Agden and Hulseheath

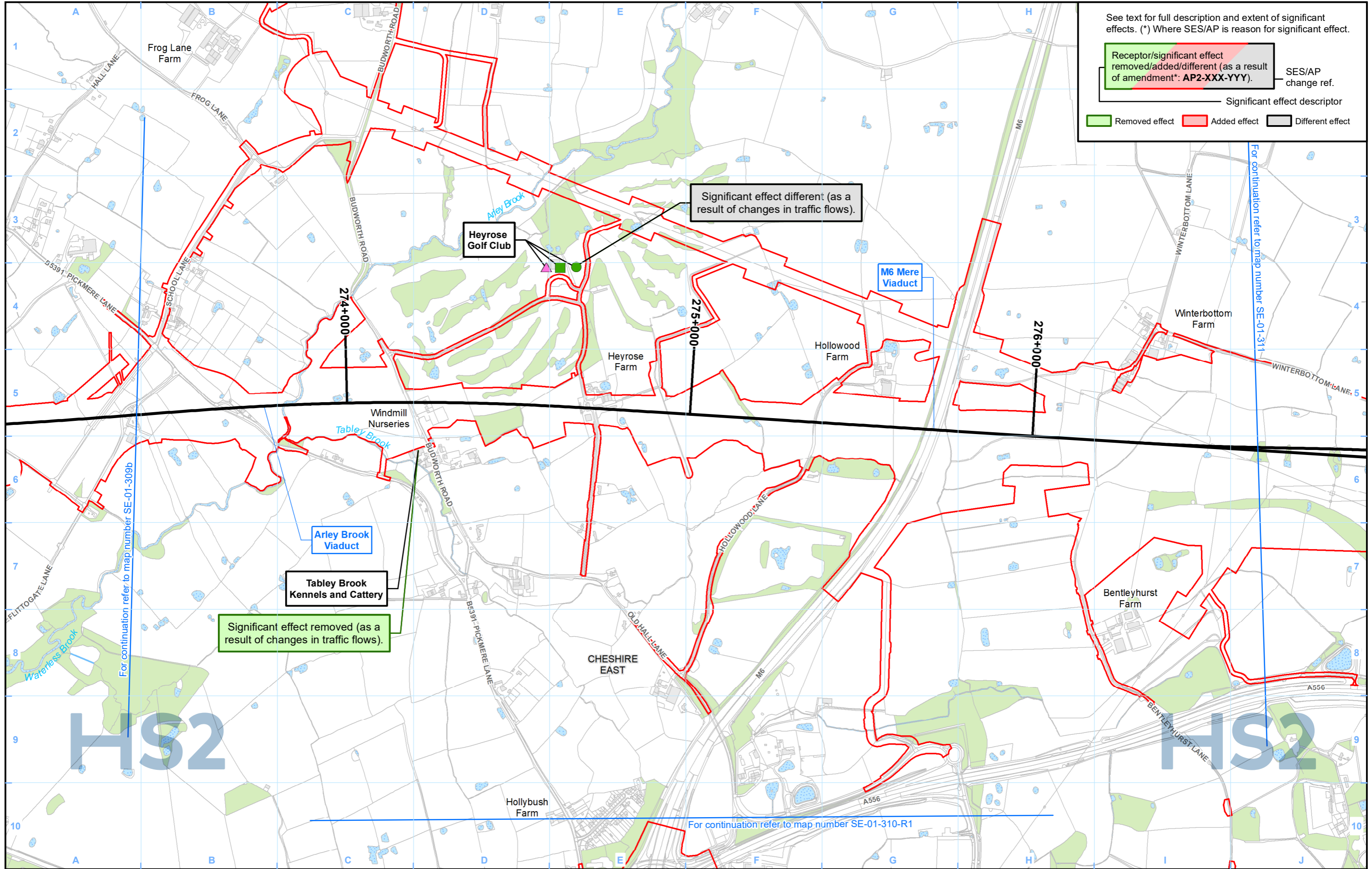
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Doc Number: 2PT27-MWJ-EV-MAP-M000-001985-P01 Date: 31/03/23



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

Legend

<ul style="list-style-type: none"> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary 	<ul style="list-style-type: none"> Watercourse Water body Woodland 	<p>Resources significantly affected during construction:</p> <ul style="list-style-type: none"> Land taken or demolitions Isolation In-combination Multiple 	<p>Resources significantly affected during operation:</p> <ul style="list-style-type: none"> In-combination Isolation <p>Resources significantly affected during construction and operation:</p> <ul style="list-style-type: none"> In-combination Isolation
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Map Number: SE-01-310

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA03: Pickmere to Agden and Hulsehead

HS2

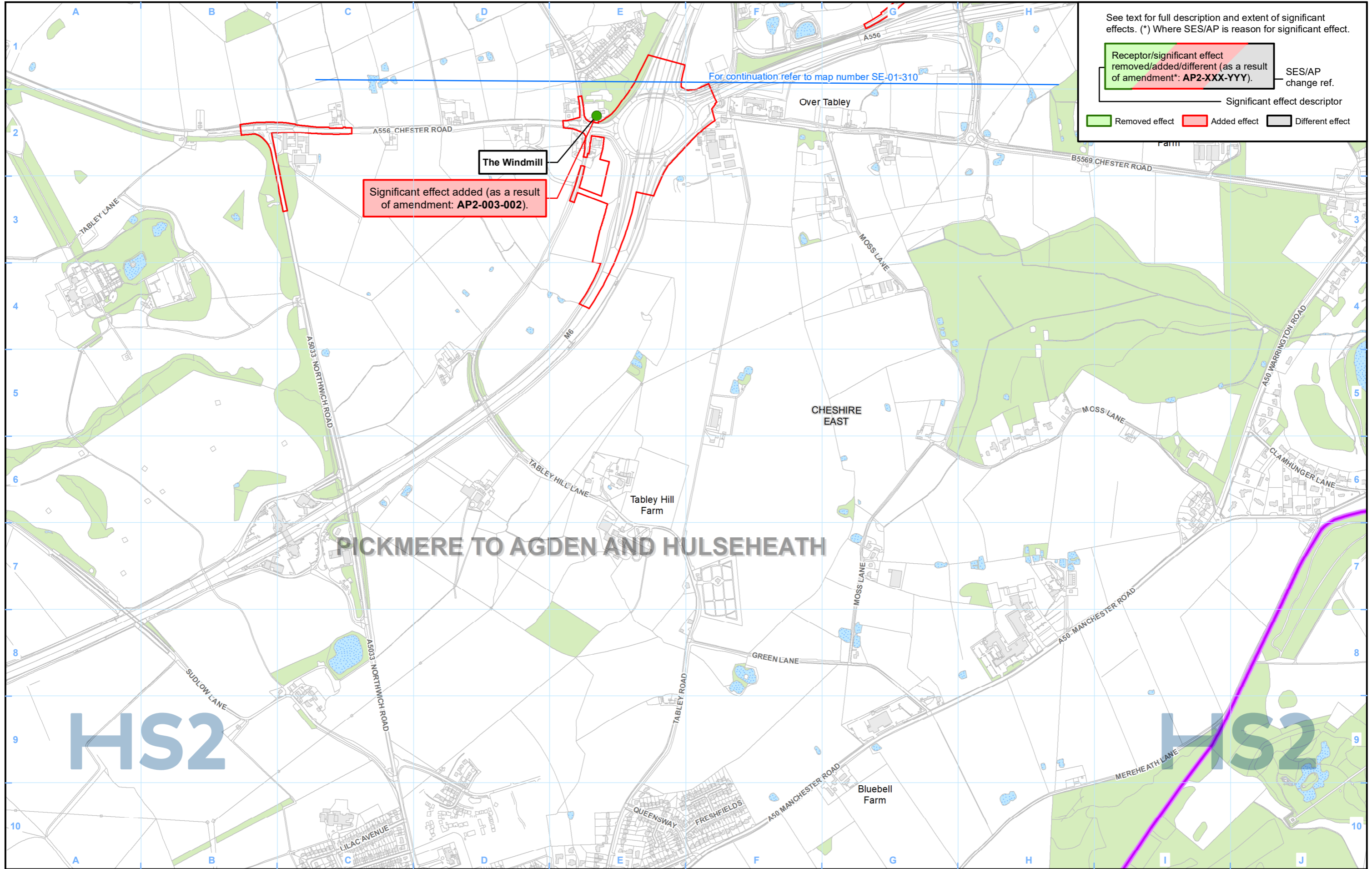
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Doc Number: 2PT27-MWJ-EV-MAP-M000-001959-P01

Scale at A3: 1:10,000

Date: 31/03/23



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

Significant effect added (as a result of amendment: AP2-003-002).

PICKMERE TO AGDEN AND HULSEHEATH

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

- Resources significantly affected during construction:
- Land taken or demolitions
 - Isolation
 - In-combination
 - Multiple

- Resources significantly affected during operation:
- In-combination
 - Isolation
- Resources significantly affected during construction and operation:
- In-combination
 - Isolation

Map Number SE-01-310-R1

Map Name Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA03: Pickmere to Agden and Hulseheath

HS2

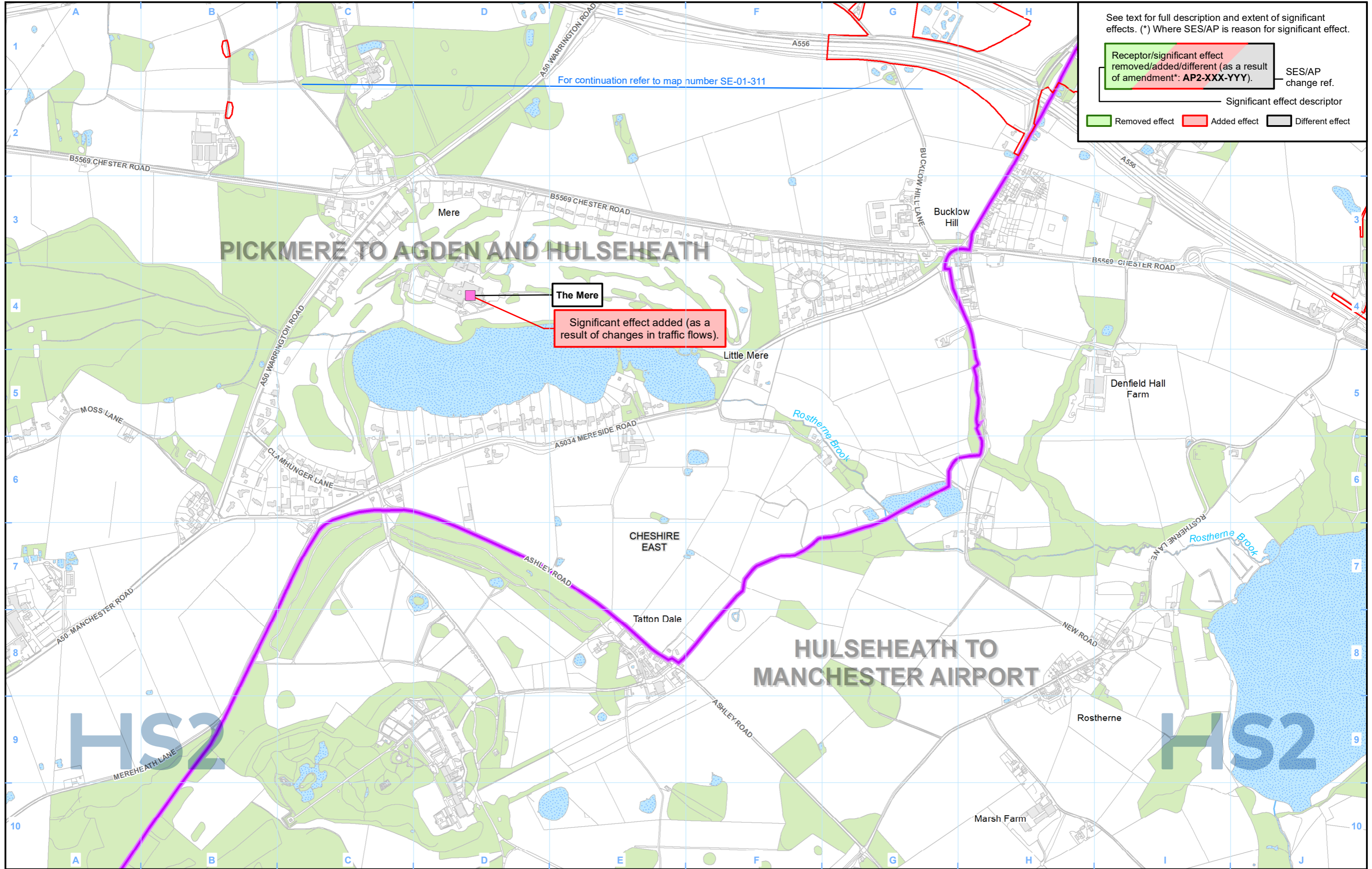
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Doc Number: 2PT27-MWJ-EV-MAP-M000-004612-P01

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Date: 31/03/23



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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

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

Resources significantly affected during construction:

- Land taken or demolitions
- Isolation
- In-combination
- Multiple

Resources significantly affected during operation:

- In-combination
- Isolation

Resources significantly affected during construction and operation:

- In-combination
- Isolation

Map Number: SE-01-311-R1

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA03: Pickmere to Agden and Hulseheath

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Doc Number: 2PT27-MWJ-EV-MAP-M000-004637-P01

Date: 31/03/23

Scale at A3: 1:10,000

0 100 200 300 400 Metres

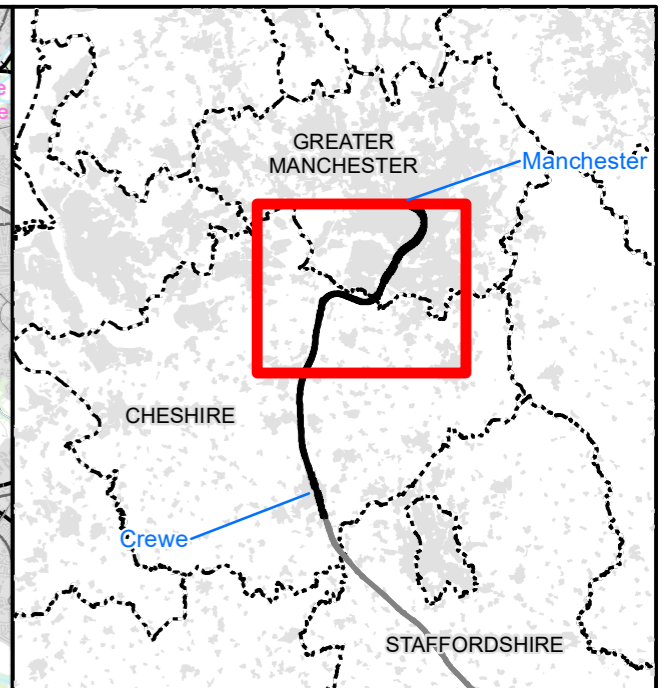
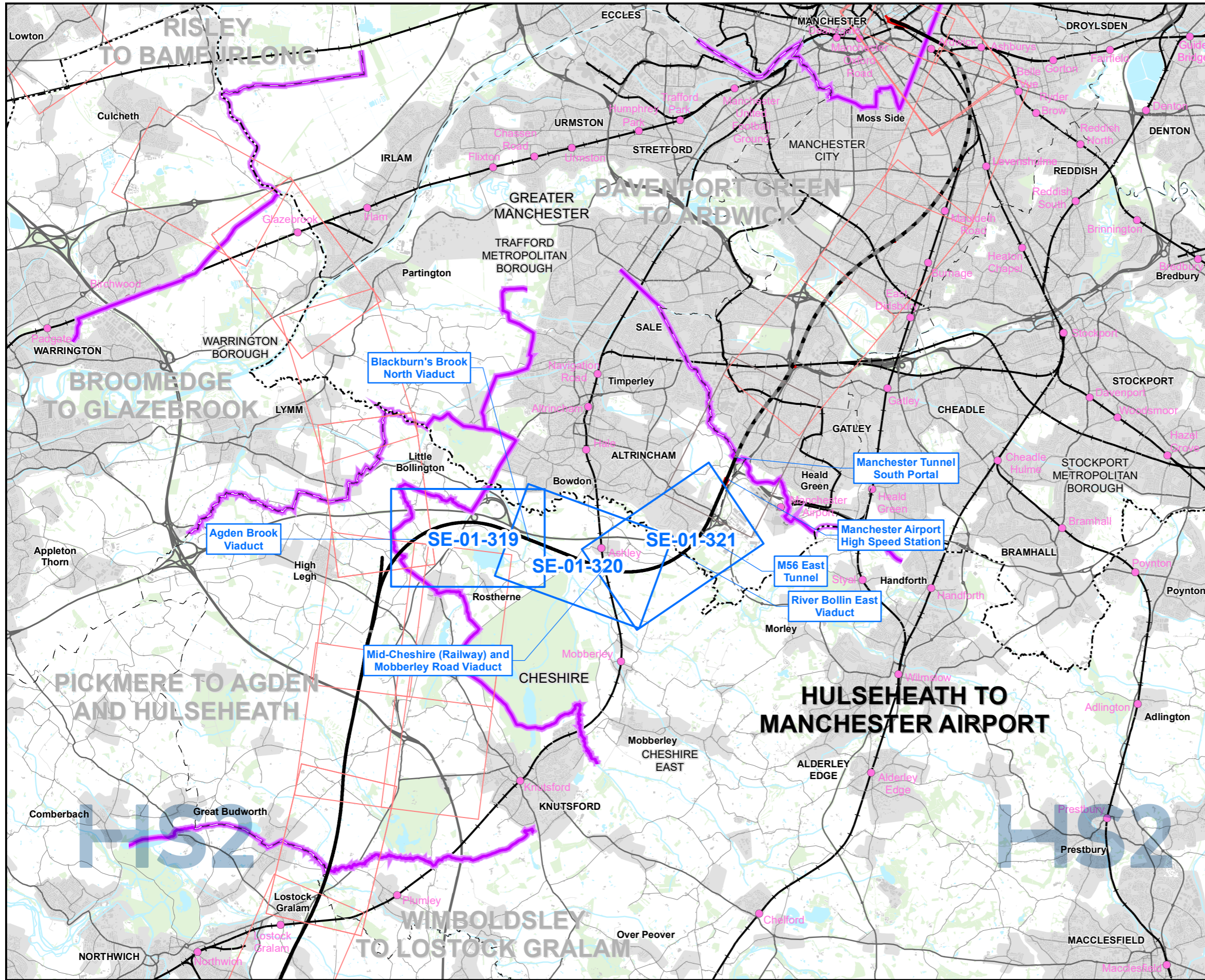
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA06: Hulseheath to Manchester Airport

SE-01 – Socio-Economic Significantly Affected Resources



Map Series Information:

These maps identify socio-economic receptors which will experience new or different significant effects during construction and/or operation of the SES2 scheme/AP2 revised scheme when compared to the original scheme, SES1 scheme and AP1 revised scheme. Significant effects on receptors that remain unchanged from the original scheme, SES1 scheme and AP1 revised scheme, or that have been removed due to the SES2 design change/AP2 amendments, are also shown.

Main Map Legend

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

Map Number	SE-01-INDEX-MA06
Map Name	Index Map of: Socio-economic Significantly Affected Resources SES2 and AP2 ES
	Community Area MA06: Hulseheath to Manchester Airport

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Doc Number: 2PT27-MWJ-EV-MAP-M000-001988-P01

Date: 11/05/23

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

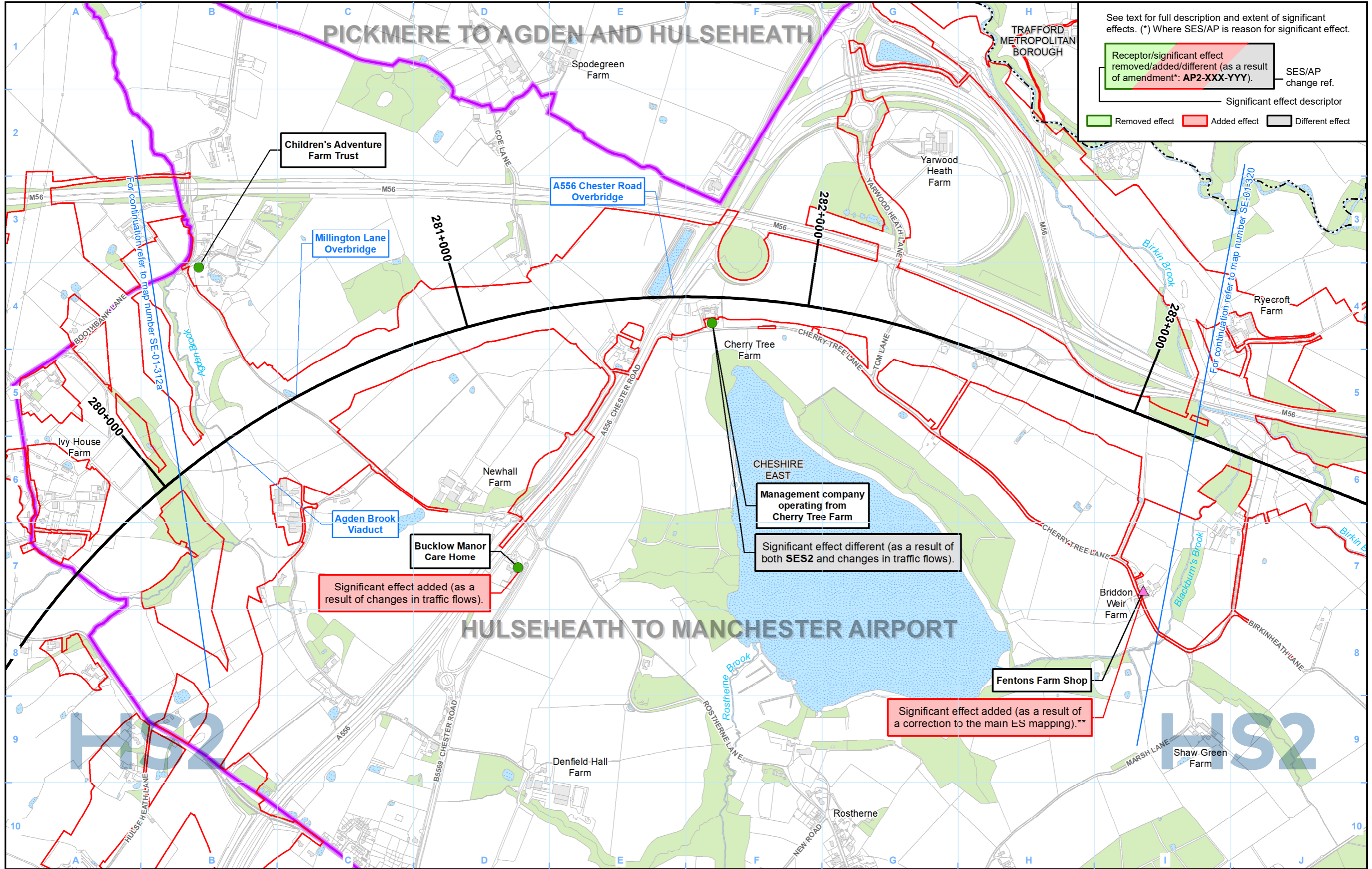
PICKMERE TO AGDEN AND HULSEHEATH

See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect



Significant effect added (as a result of changes in traffic flows).

Significant effect different (as a result of both SES2 and changes in traffic flows).

Significant effect added (as a result of a correction to the main ES mapping).**

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

Resources significantly affected during construction:

- Land taken or demolitions
- Isolation
- In-combination
- Multiple

Resources significantly affected during operation:

- In-combination
- Isolation

Resources significantly affected during construction and operation:

- In-combination
- Isolation

Map Number: SE-01-319

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

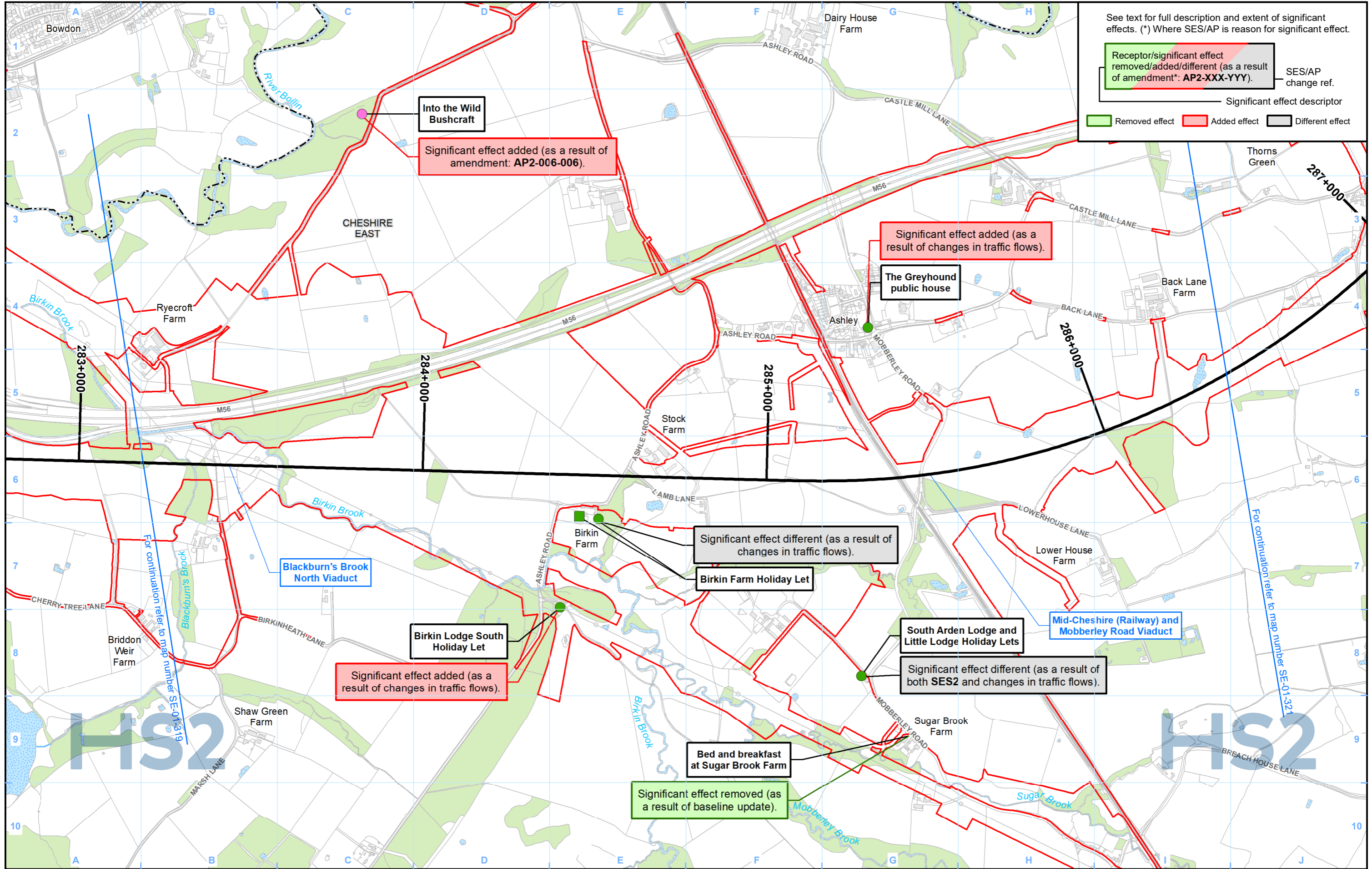
HS2

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Scale at A3: 1:10,000

Doc Number: 2PT27-MWJ-EV-MAP-M000-001970-P01

Date: 11/05/23



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

Legend

<ul style="list-style-type: none"> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary 	<ul style="list-style-type: none"> Watercourse Water body Woodland 	<p>Resources significantly affected during construction:</p> <ul style="list-style-type: none"> Land taken or demolitions Isolation In-combination Multiple 	<p>Resources significantly affected during operation:</p> <ul style="list-style-type: none"> In-combination Isolation <p>Resources significantly affected during construction and operation:</p> <ul style="list-style-type: none"> In-combination Isolation
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Map Number: SE-01-320

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

HS2

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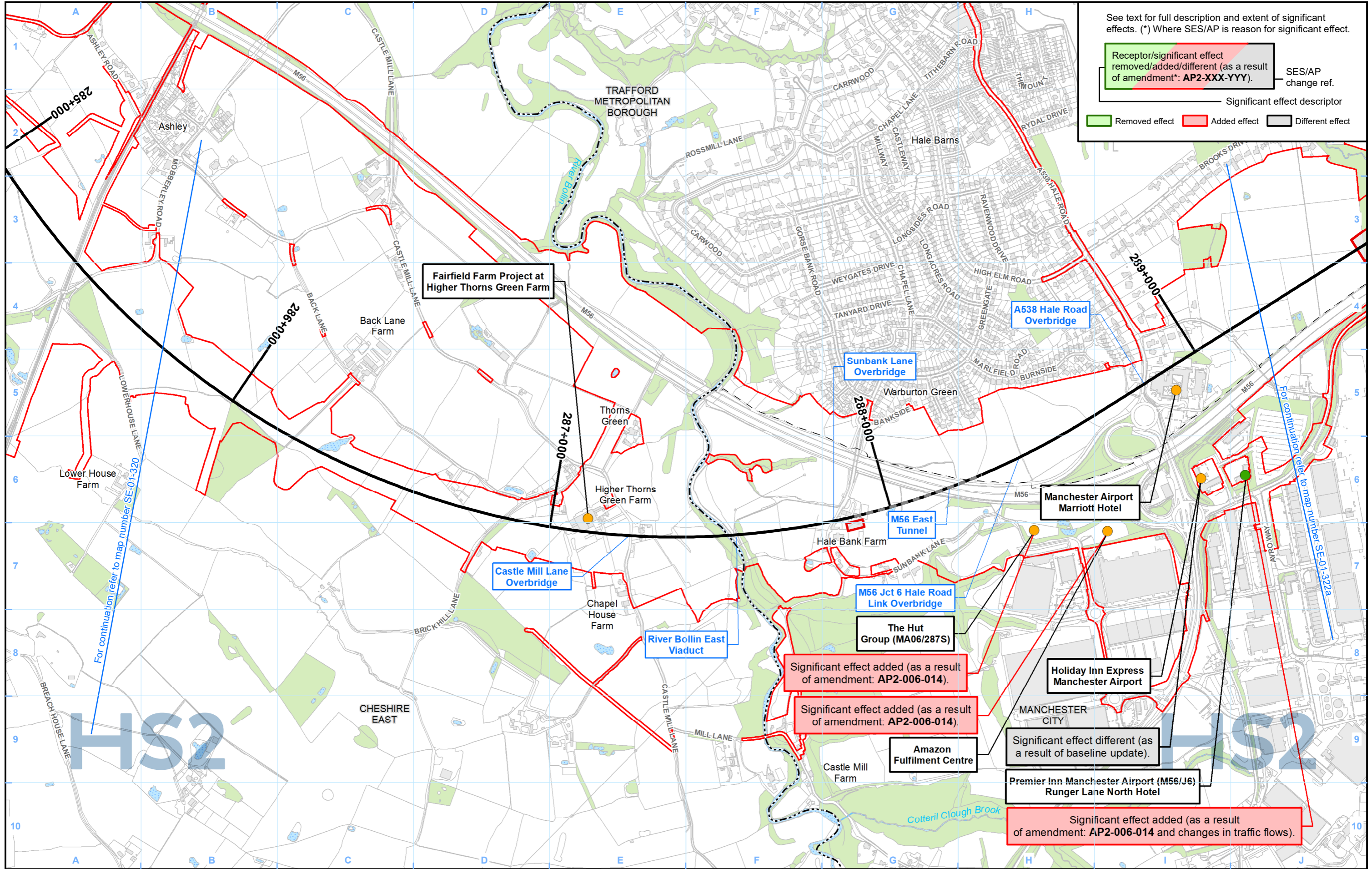
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Doc Number: 2PT27-MWJ-EV-MAP-M000-001971-P01

Date: 11/05/23

Scale at A3: 1:10,000

Metres



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). — SES/AP change ref.

— Significant effect descriptor

Removed effect (Green) Added effect (Red) Different effect (Grey)

Legend

- Route in tunnel (Thick black line)
- Route on surface (Thin black line)
- Depot, station, headhouse or portal building (Red outline)
- Land potentially required during construction (Red outline)
- Community area boundary (Purple dashed line)
- County boundary (Black dashed line)
- District/Borough boundary (Black dashed line)
- Watercourse (Blue line)
- Water body (Blue area)
- Woodland (Green area)

Resources significantly affected during construction:

- Land taken or demolitions (Yellow dot)
- Isolation (Pink dot)
- In-combination (Green dot)
- Multiple (Blue dot)

Resources significantly affected during operation:

- In-combination (Green square)
- Isolation (Pink square)

Resources significantly affected during construction and operation:

- In-combination (Green triangle)
- Isolation (Pink triangle)

Map Number: SE-01-321

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

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Date: 11/05/23

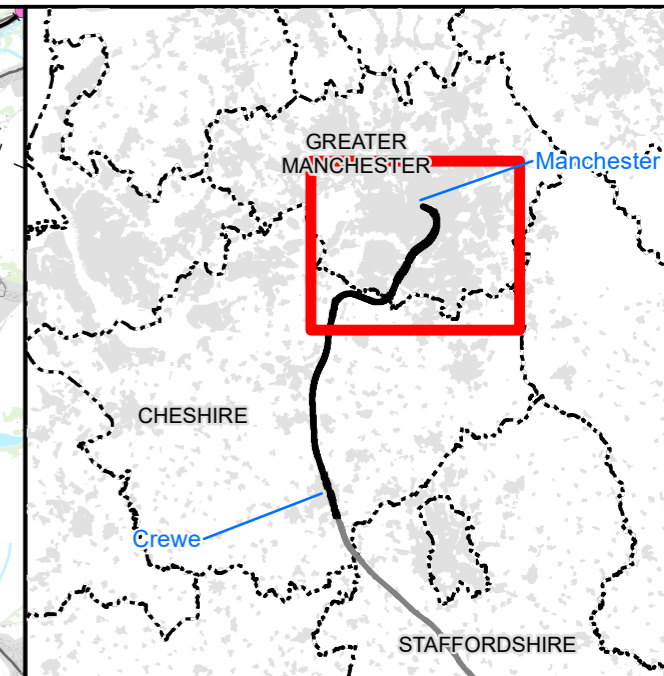
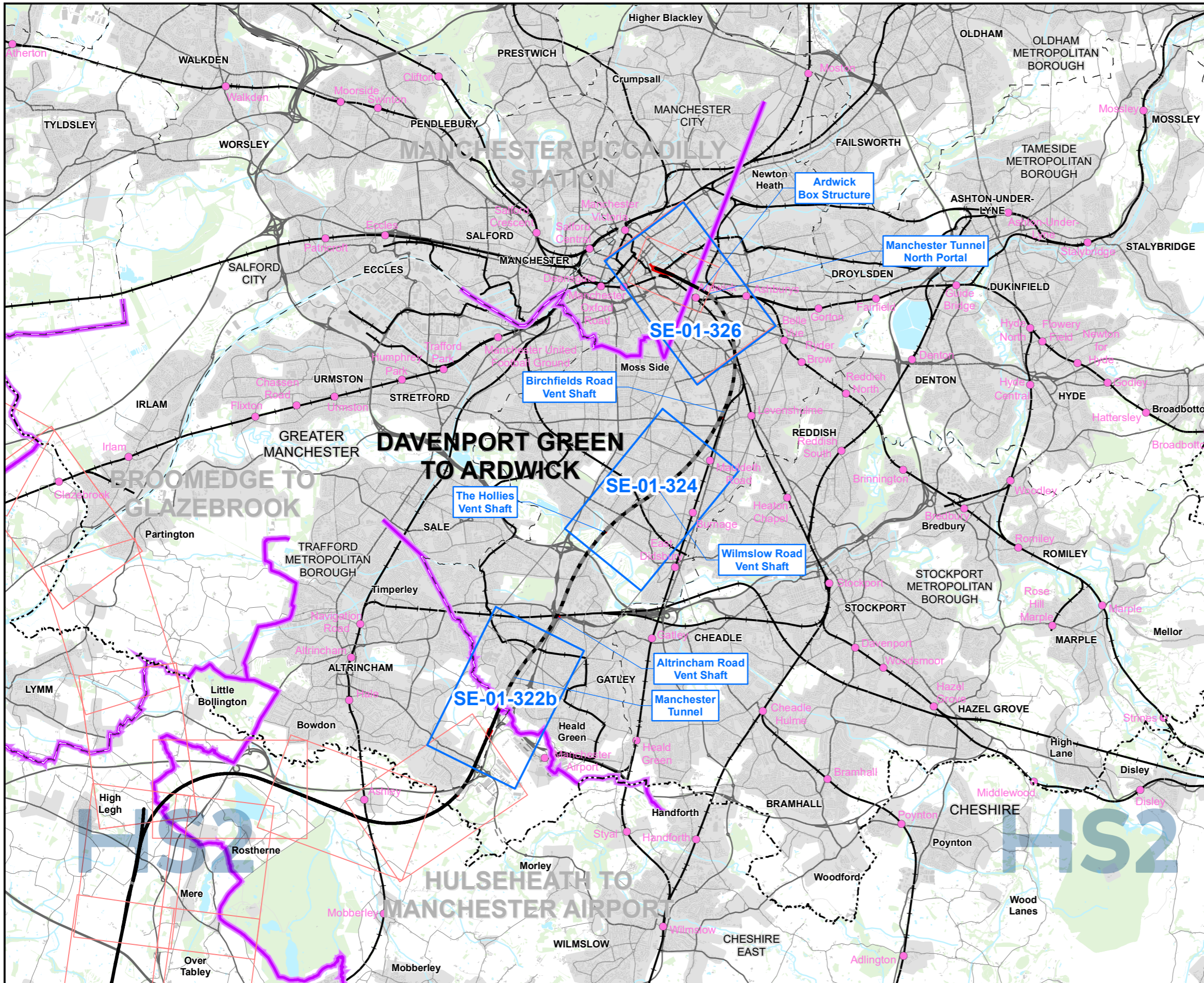
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA07: Davenport Green to Ardwick

SE-01 – Socio-Economic Significantly Affected Resources



Map Series Information:

These maps identify socio-economic receptors which will experience new or different significant effects during construction and/or operation of the SES2 scheme/AP2 revised scheme when compared to the original scheme, SES1 scheme and AP1 revised scheme. Significant effects on receptors that remain unchanged from the original scheme, SES1 scheme and AP1 revised scheme, or that have been removed due to the SES2 design change/AP2 amendments, are also shown.

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 included in this community area with no amendment
- Map sheets not included in this community area

Map Number	SE-01-INDEX-MA07
Map Name	Index Map of: Socio-economic Significantly Affected Resources SES2 and AP2 ES
	Community Area MA07: Davenport Green to Ardwick

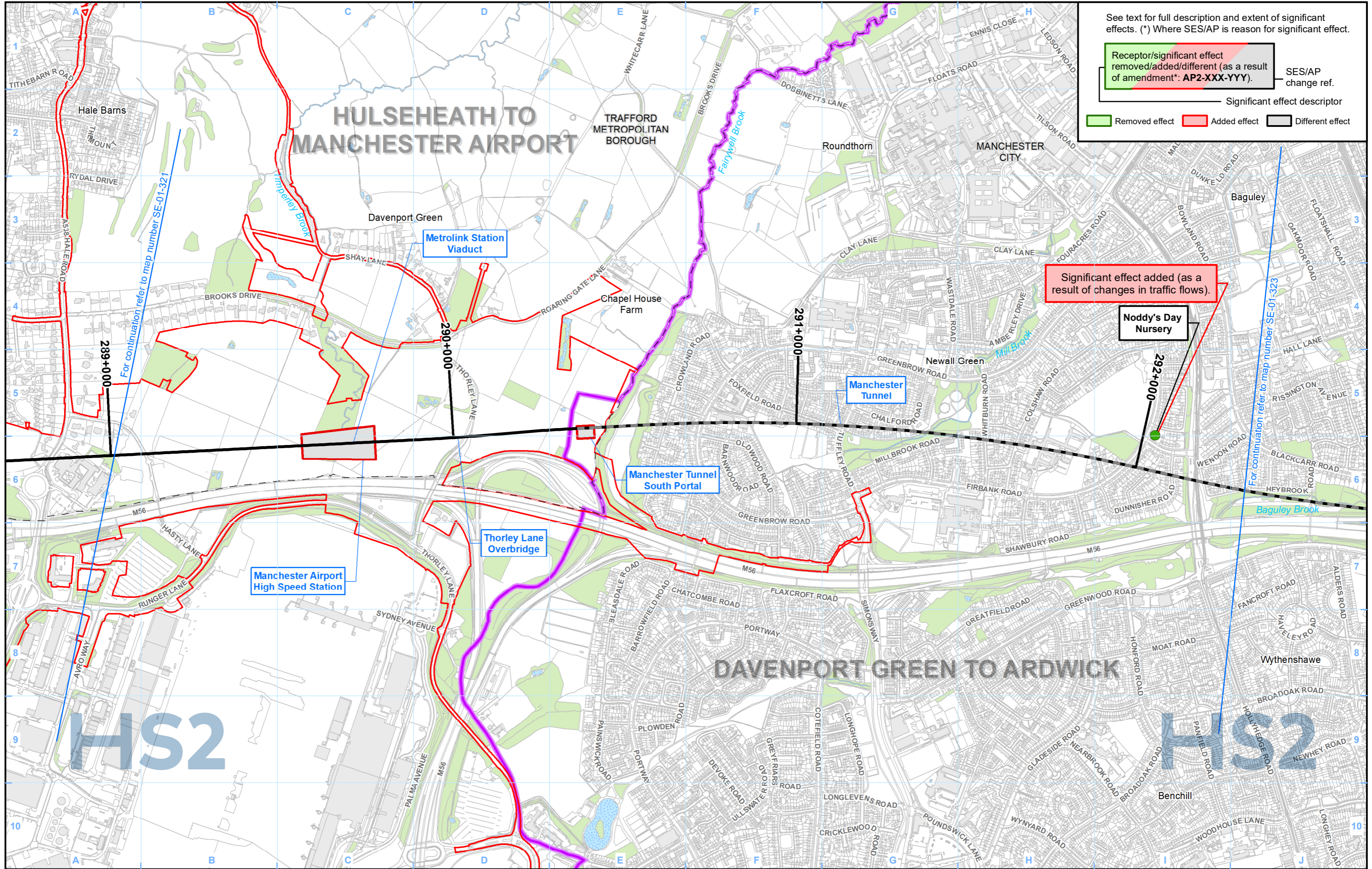
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect (Green) Added effect (Red) Different effect (Grey)

Significant effect added (as a result of changes in traffic flows).

Noddy's Day Nursery

Legend

- Route in tunnel (Black dashed line)
- Route on surface (Black solid line)
- Depot, station, headhouse or portal building (Red outline)
- Land potentially required during construction (Red outline)
- Community area boundary (Purple outline)
- County boundary (Black dashed line)
- District/Borough boundary (Black solid line)
- Watercourse (Blue line)
- Water body (Blue area)
- Woodland (Green area)

Resources significantly affected during construction:

- Land taken or demolitions (Yellow circle)
- Isolation (Pink circle)
- In-combination (Green circle)
- Multiple (Blue circle)

Resources significantly affected during operation:

- In-combination (Green square)
- Isolation (Pink square)

Resources significantly affected during construction and operation:

- In-combination (Green triangle)
- Isolation (Pink triangle)

Map Number: SE-01-322b

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

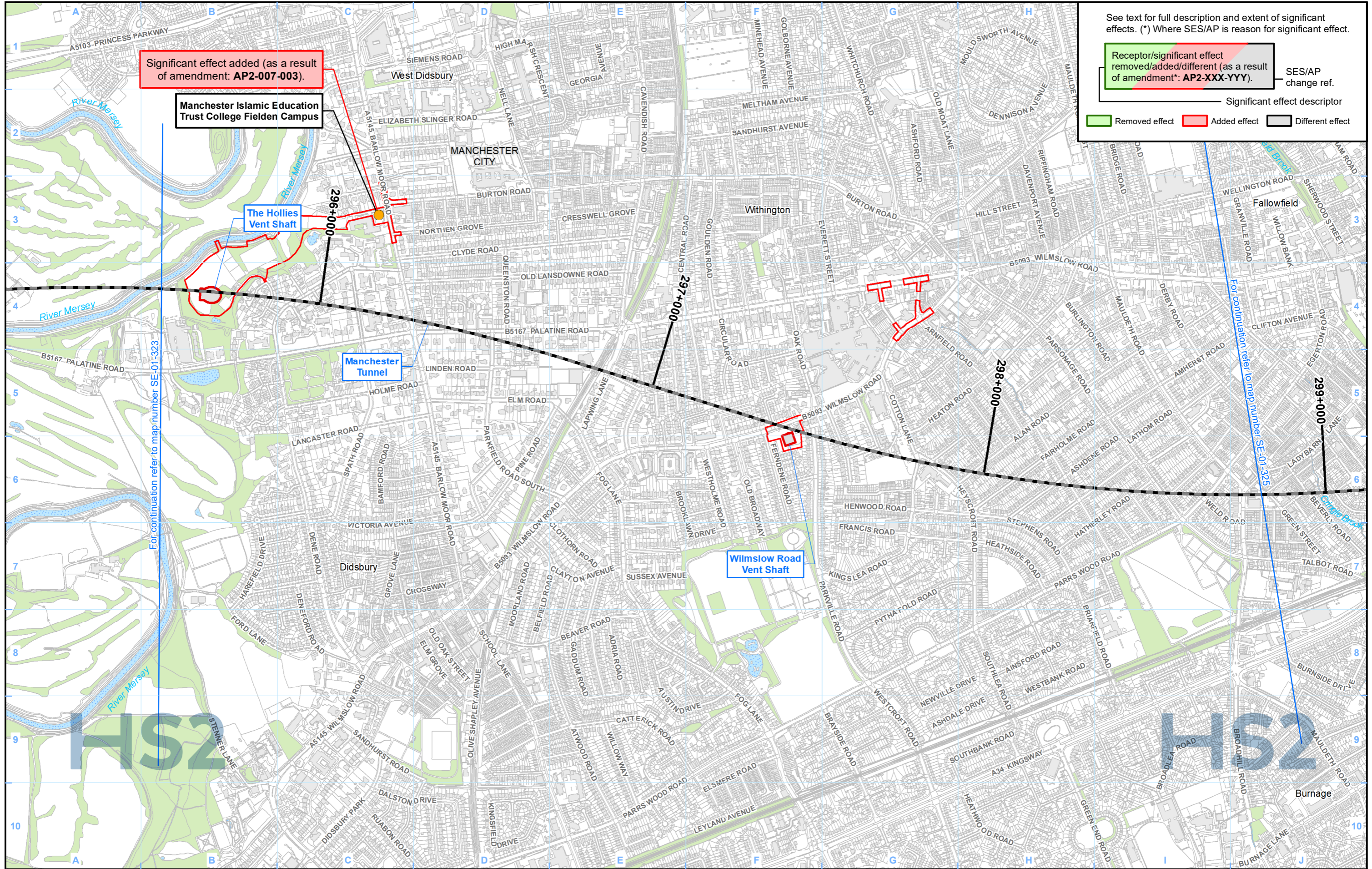
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Doc Number: 2PT27-MWJ-EV-MAP-M000-001974-P01

Date: 31/03/23



See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect (Green) Added effect (Red) Different effect (Grey)

Legend

- Route in tunnel (Black dashed line)
- Route on surface (Black solid line)
- Depot, station, headhouse or portal building (Red outline)
- Land potentially required during construction (Red outline)
- Community area boundary (Blue dashed line)
- County boundary (Black dashed line)
- District/Borough boundary (Black solid line)
- Watercourse (Blue line)
- Water body (Blue area)
- Woodland (Green area)

Resources significantly affected during construction:

- Land taken or demolitions (Yellow circle)
- Isolation (Pink circle)
- In-combination (Green circle)
- Multiple (Blue circle)

Resources significantly affected during operation:

- In-combination (Green square)
- Isolation (Pink square)

Resources significantly affected during construction and operation:

- In-combination (Green triangle)
- Isolation (Pink triangle)

Map Number: SE-01-324

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

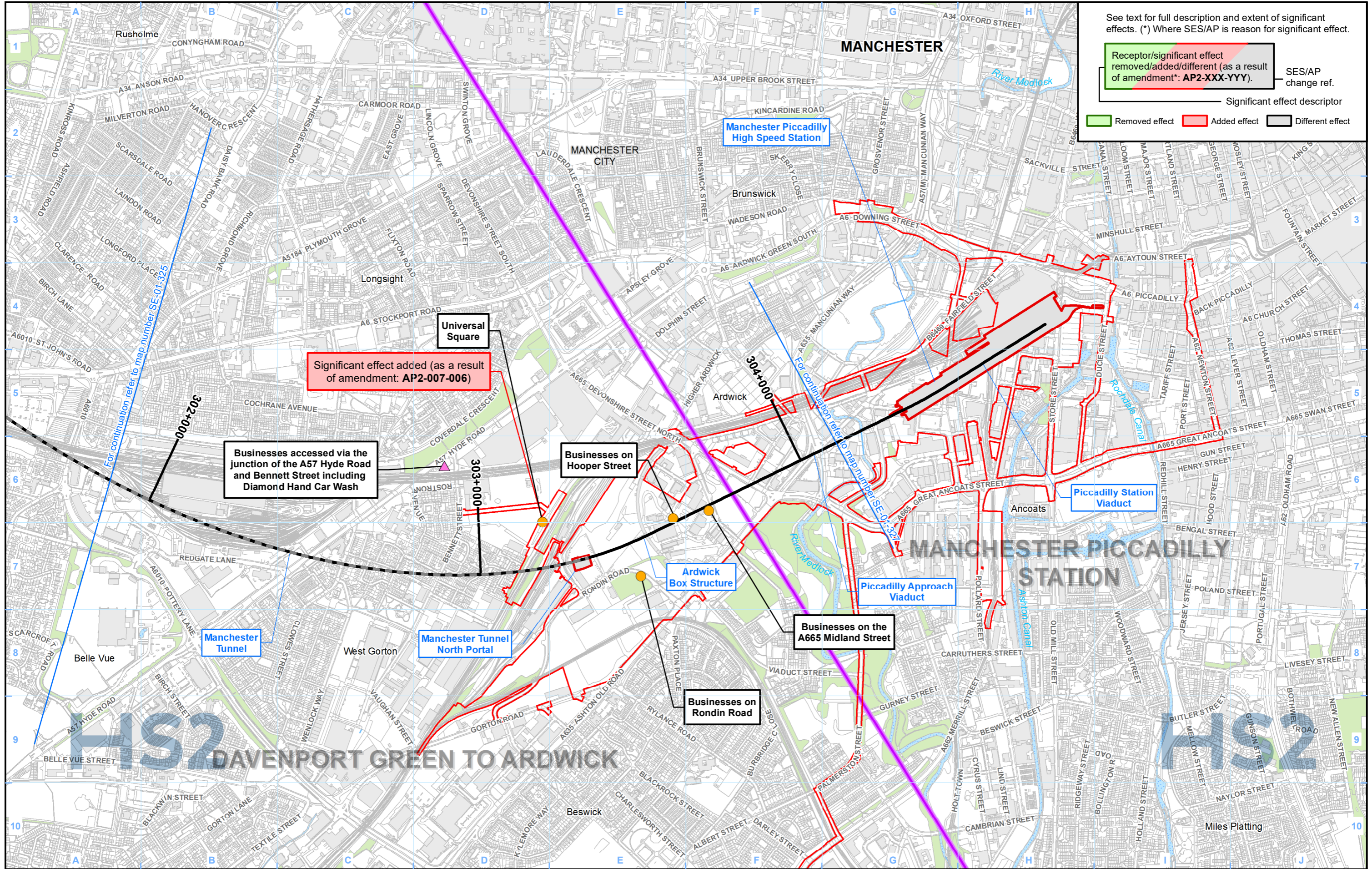
Community Area MA07: Davenport Green to Ardwick

HS2

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See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

Legend

<ul style="list-style-type: none"> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary 	<ul style="list-style-type: none"> Watercourse Water body Woodland 	<p>Resources significantly affected during construction:</p> <ul style="list-style-type: none"> Land taken or demolitions Isolation In-combination Multiple 	<p>Resources significantly affected during operation:</p> <ul style="list-style-type: none"> In-combination Isolation <p>Resources significantly affected during construction and operation:</p> <ul style="list-style-type: none"> In-combination Isolation
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Map Number: SE-01-326

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

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Date: 31/03/23

Scale at A3: 1:10,000

Metres

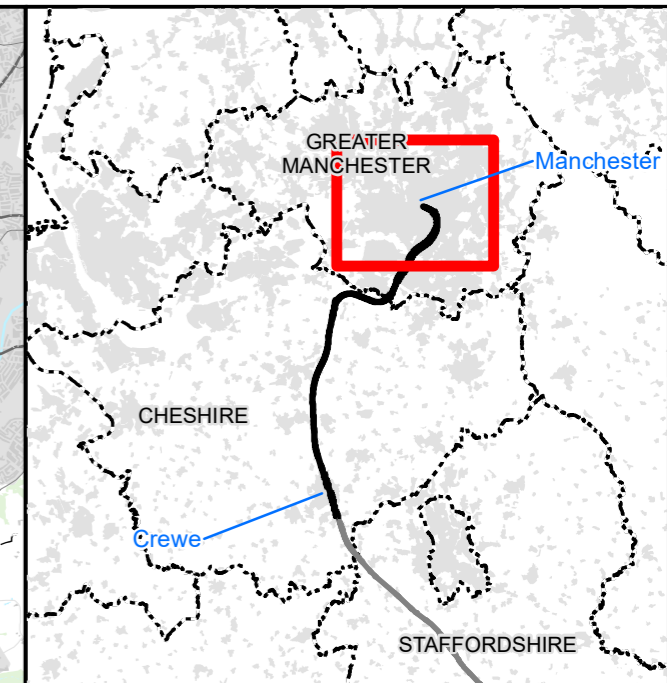
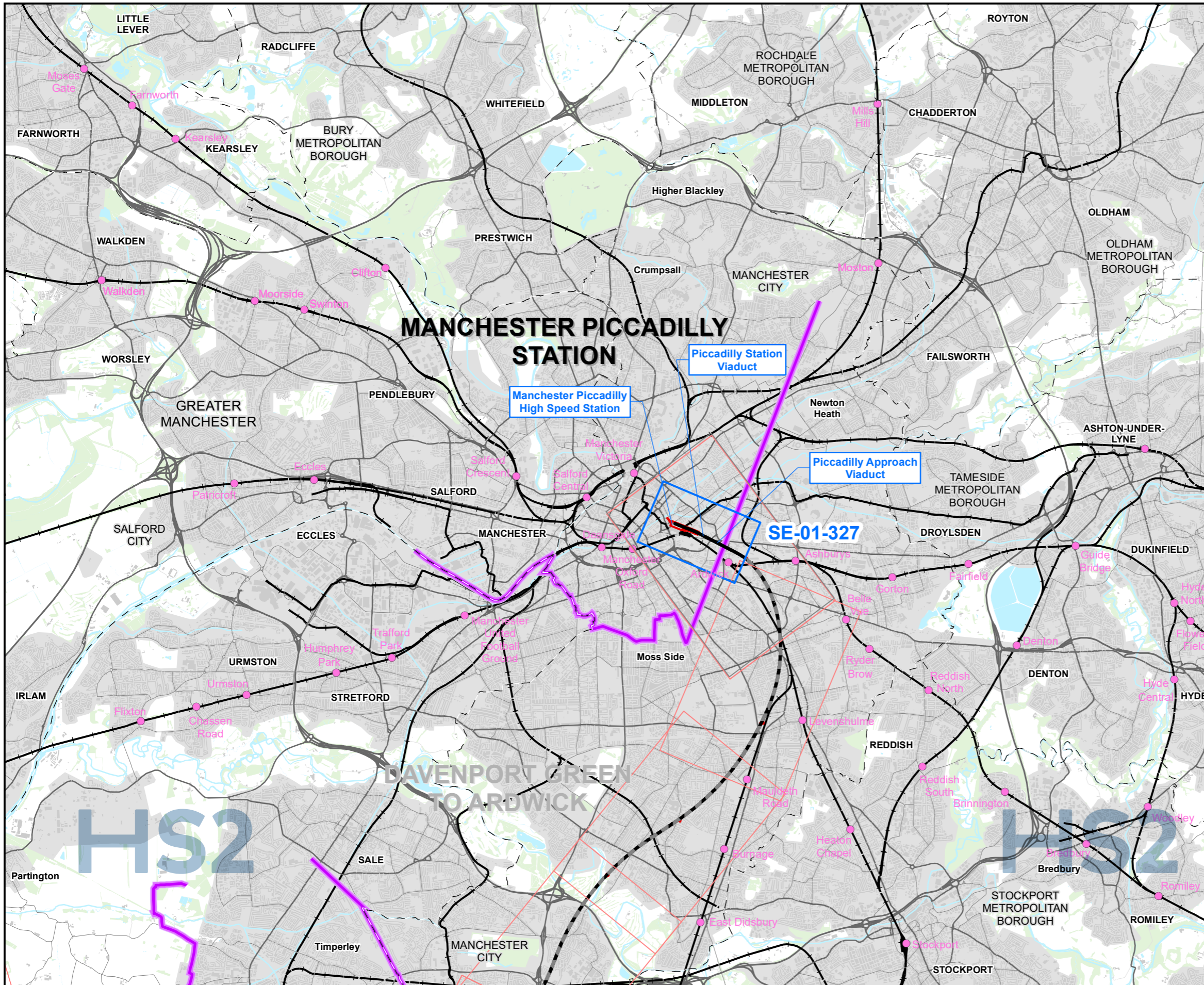
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA08: Manchester Piccadilly Station

SE-01 – Socio-Economic Significantly Affected Resources



Map Series Information:

These maps identify socio-economic receptors which will experience new or different significant effects during construction and/or operation of the SES2 scheme/AP2 revised scheme when compared to the original scheme, SES1 scheme and AP1 revised scheme. Significant effects on receptors that remain unchanged from the original scheme, SES1 scheme and AP1 revised scheme, or that have been removed due to the SES2 design change/AP2 amendments, are also shown.

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 included in this community area with no amendment
- Map sheets not included in this community area

Map Number	SE-01-INDEX-MA08
Map Name	Index Map of: Socio-economic Significantly Affected Resources SES2 and AP2 ES
	Community Area MA08: Manchester Piccadilly Station

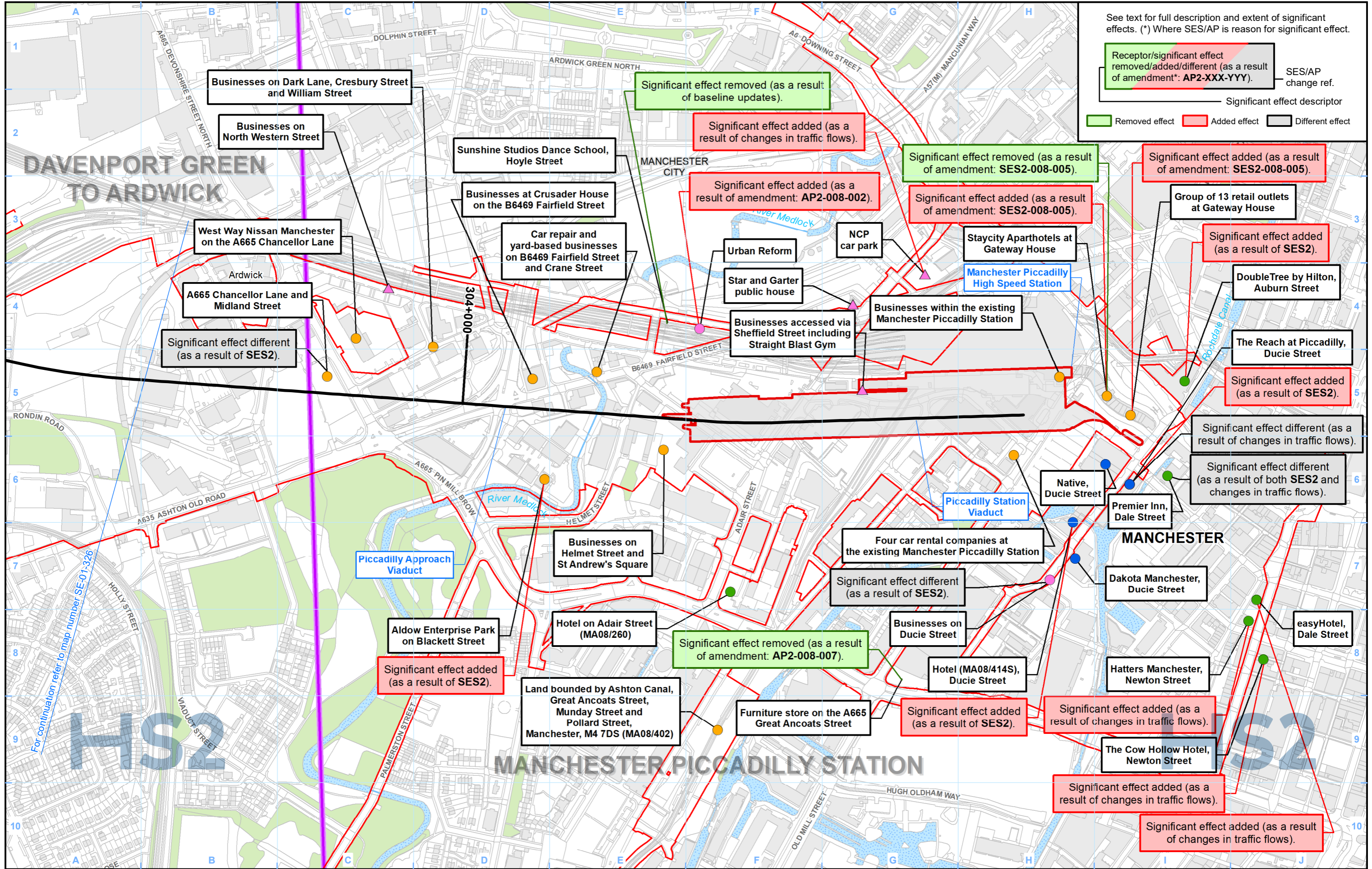
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). — SES/AP change ref.

Significant effect descriptor

Removed effect (green) Added effect (red) Different effect (grey)

Legend

<ul style="list-style-type: none"> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary 	<ul style="list-style-type: none"> Watercourse Water body Woodland 	<p>Resources significantly affected during construction:</p> <ul style="list-style-type: none"> Land taken or demolitions Isolation In-combination Multiple 	<p>Resources significantly affected during operation:</p> <ul style="list-style-type: none"> In-combination Isolation <p>Resources significantly affected during construction and operation:</p> <ul style="list-style-type: none"> In-combination Isolation
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Map Number: SE-01-327

Map Name: Socio-economic Significantly Affected Resources SES2 and AP2 ES

Community Area MA08: Manchester Piccadilly Station

HS2

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Date: 18/04/23

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0 50 100 150 200 Metres

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