

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Volume 5: Map Book Community (CM-01)

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Volume 5: Map Book Community (CM-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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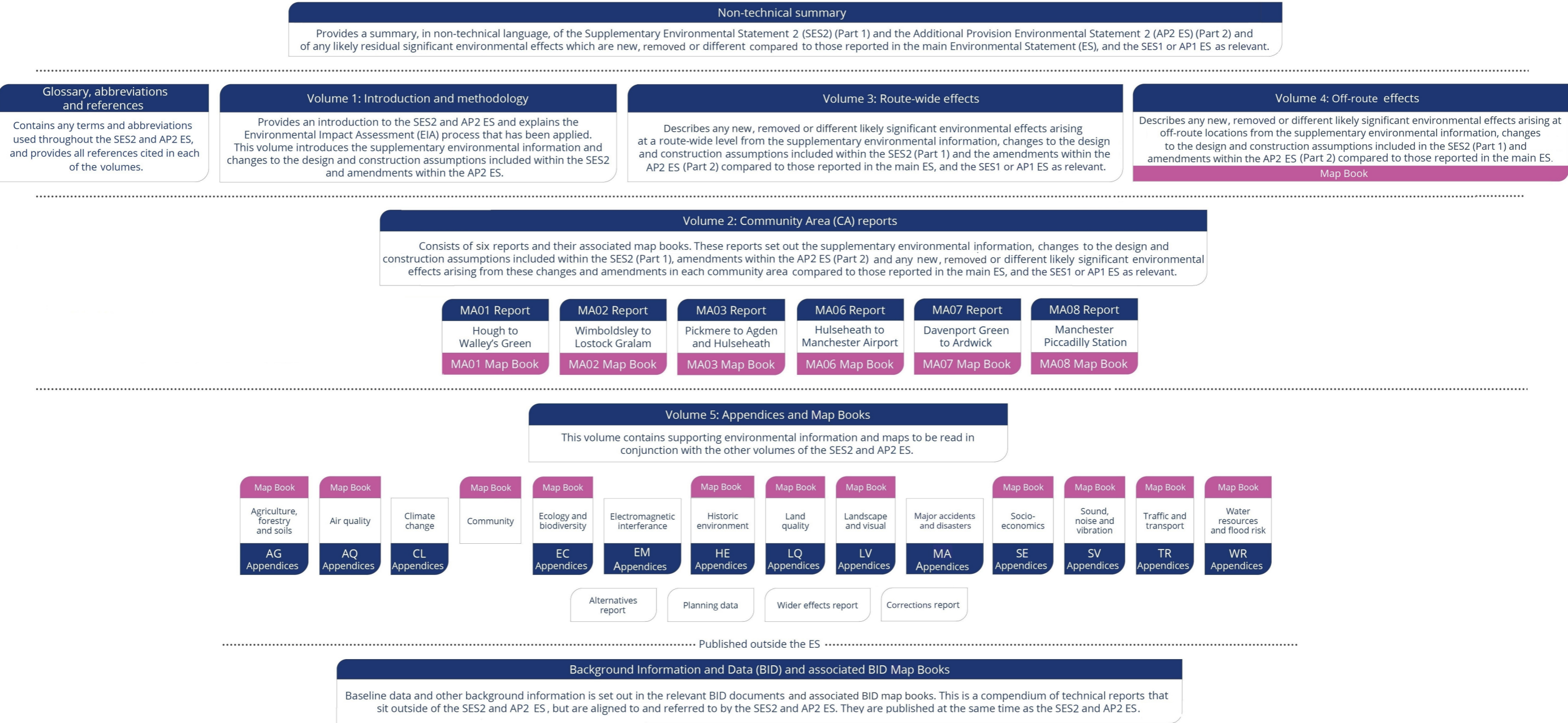
Data dictionary and definitions

Map series name	CM-01 - Significantly Affected Community Resources
Map series description	These maps identify community 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 changes/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.
Construction traffic route	Public highways which may be used for HGV construction traffic.	High Speed Two (HS2) Ltd	
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 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	
Promoted routes significantly affected during construction	Promoted routes identified as significantly affected.	High Speed Two (HS2) Ltd	
Resources significantly affected during construction and operation	Community resources and residential properties identified as significantly affected by the construction and operation of the scheme. Derived from Ordnance Survey MasterMap data	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Resources significantly affected during construction	<p>Promoted routes identified as significantly affected during construction of the scheme.</p> <p>Land taken or demolitions - Land required from a community resource or the loss of a resource.</p> <p>Isolation - Physical islanding of properties or an increase in journey times and/or distance between residential areas and the community resources that residents use on a regular basis.</p> <p>In-combination - A combination of two or more significant environmental effects on a community resource or a group of 5 or more residential properties.</p> <p>Multiple - A combination of two or more significant community effects (i.e. land taken or demolition; isolation; or in-combination) on the resource(s).</p>	High Speed Two (HS2) Ltd	
Resources significantly affected during operation	Community resources and residential properties identified as significantly affected by the operation of the scheme. Derived from Ordnance Survey MasterMap data.	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	
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.

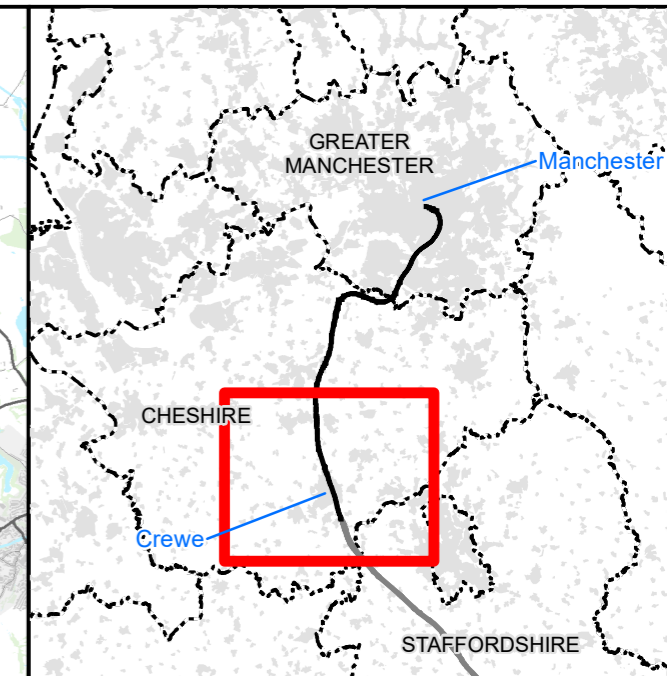
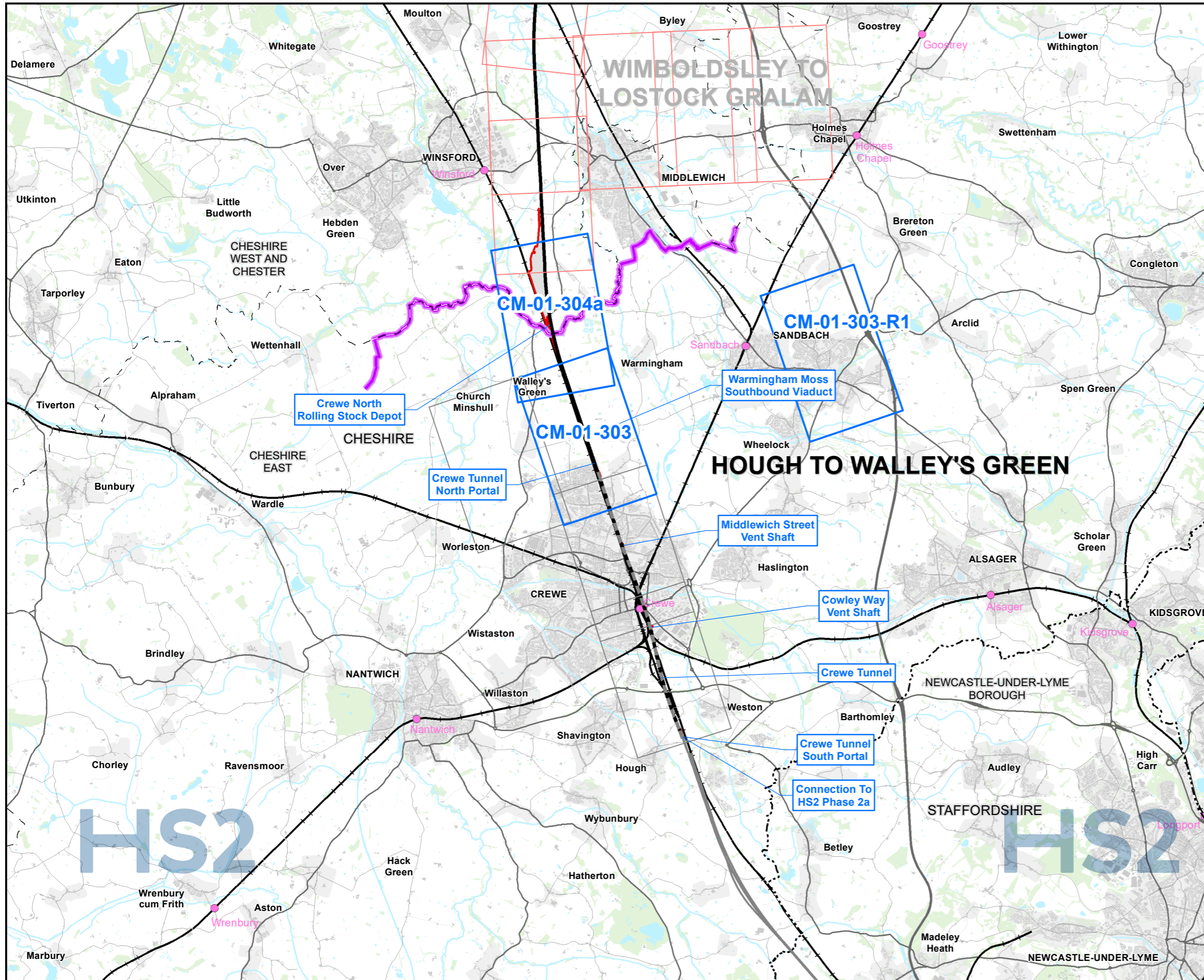
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA01: Hough to Walley's Green

CM-01 – Significantly Affected Community Resources



Map Series Information:

These maps identify community 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 changes/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	CM-01-INDEX-MA01
Map Name	Index Map of: Significantly Affected Community Resources SES2 and AP2 ES
	Community Area MA01: Hough to Walley's Green

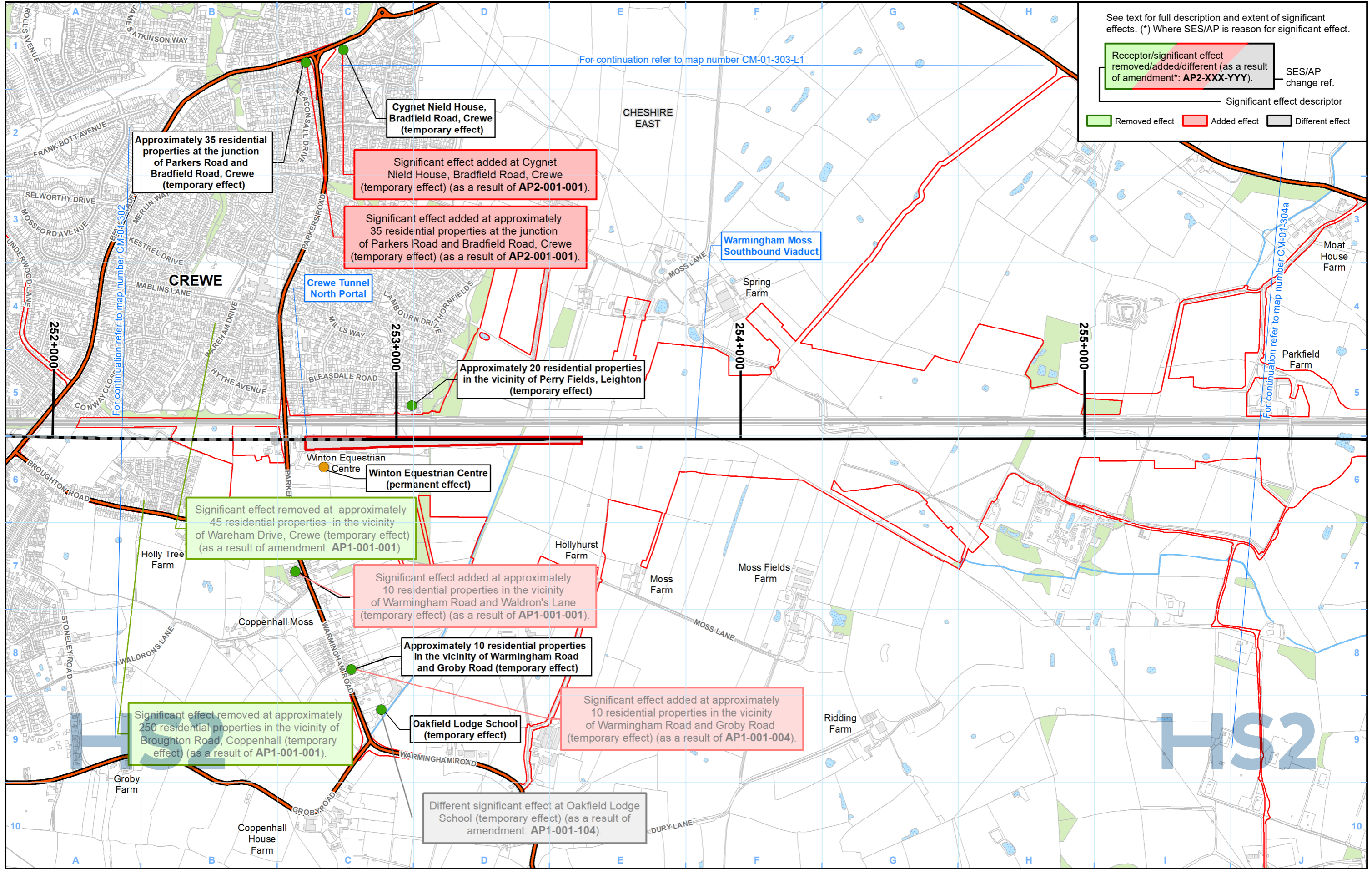
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See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

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

Significant effect descriptor

Removed effect (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 (Dashed line)
- Construction traffic route (Orange 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)
- Promoted routes significantly affected during construction (Dashed orange line)

Map Number: CM-01-303

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA01: Hough to Walley's Green

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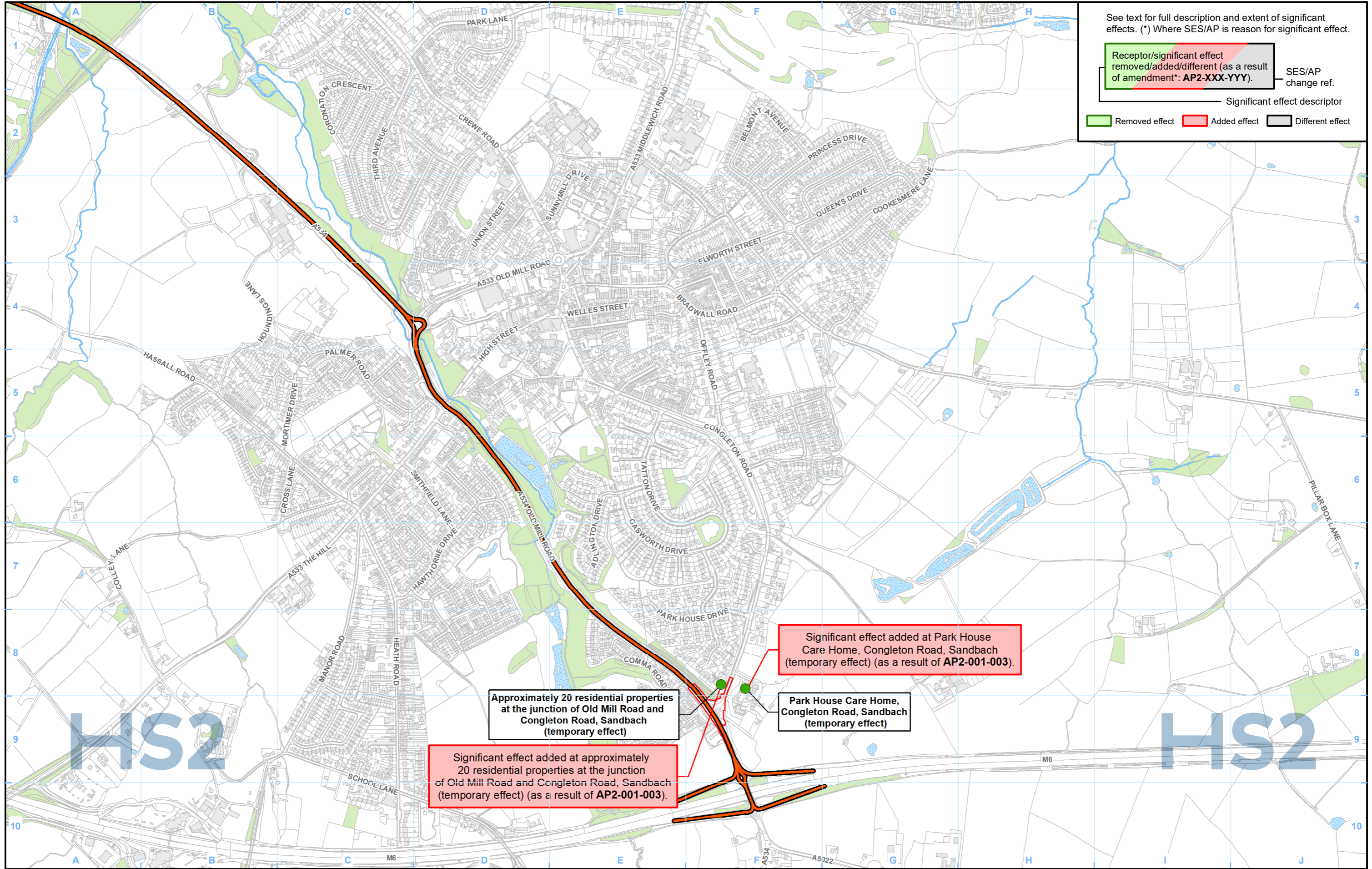
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0 100 200 300 400 Metres



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 (black line)
- Route on surface (orange line)
- Depot, station, headhouse or portal building (red rectangle)
- Land potentially required during construction (red outline)
- Community area boundary (purple dashed line)
- County boundary (black dashed line)
- District/Borough boundary (black dashed line)
- Construction traffic route (thick orange line)
- Watercourse (blue line)
- Water body (blue hatched area)
- Woodland (green hatched area)
- Resources significantly affected during construction:
 - Land taken or demolitions (orange 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)
- Promoted routes significantly affected during construction (dashed orange line)

Map Number: CM-01-303-R1

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA01: Hough to Walley's Green

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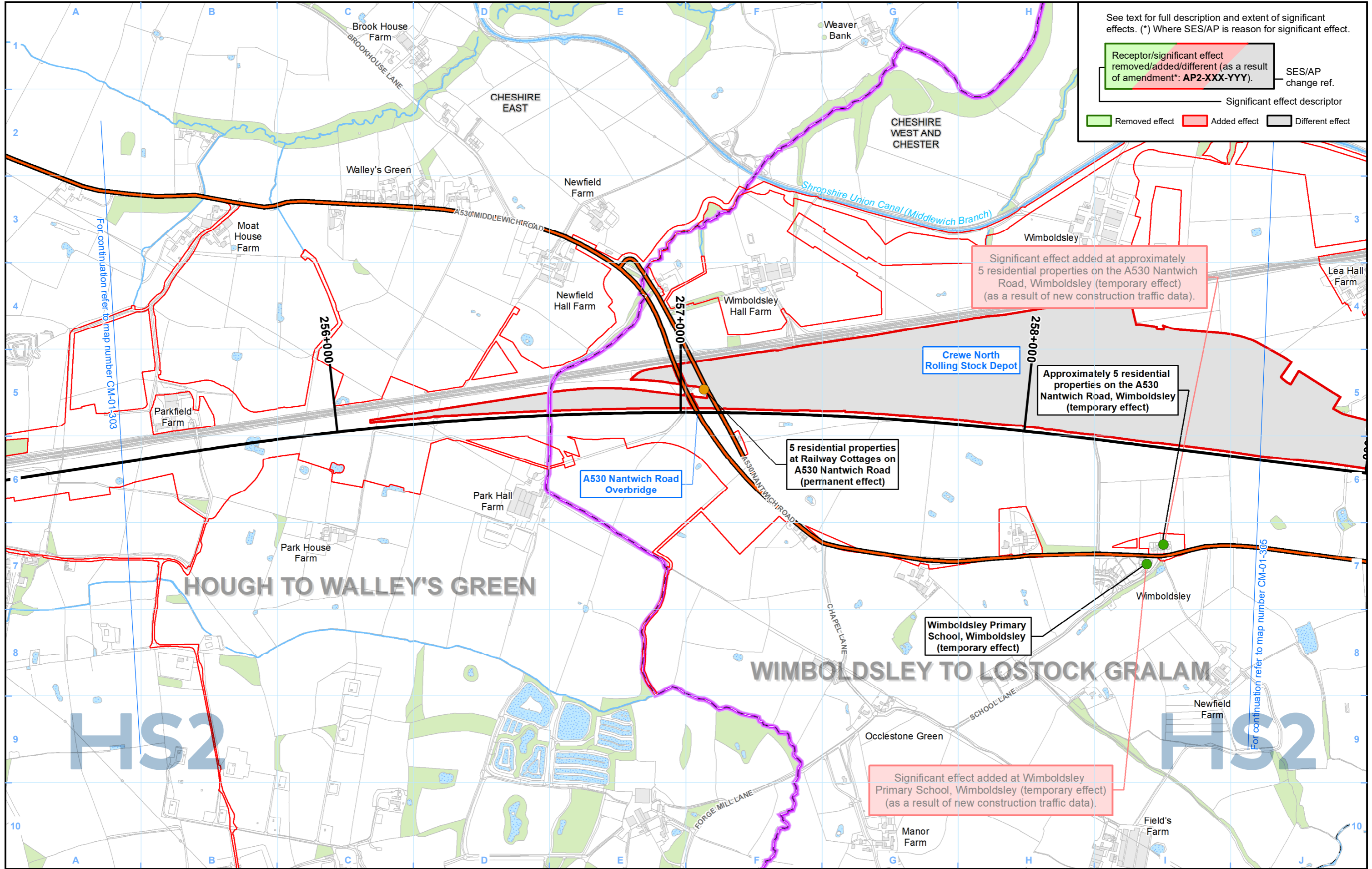
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

Removed effect Added effect Different effect

Significant effect added at approximately 5 residential properties on the A530 Nantwich Road, Wimboldsley (temporary effect) (as a result of new construction traffic data).

Approximately 5 residential properties on the A530 Nantwich Road, Wimboldsley (temporary effect)

5 residential properties at Railway Cottages on A530 Nantwich Road (permanent effect)

Wimboldsley Primary School, Wimboldsley (temporary effect)

Significant effect added at Wimboldsley Primary School, Wimboldsley (temporary effect) (as a result of new construction traffic data).

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 traffic route
- 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
- Promoted routes significantly affected during construction

Map Number: CM-01-304a

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA01: Hough to Walley's Green

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Date: 06/04/23

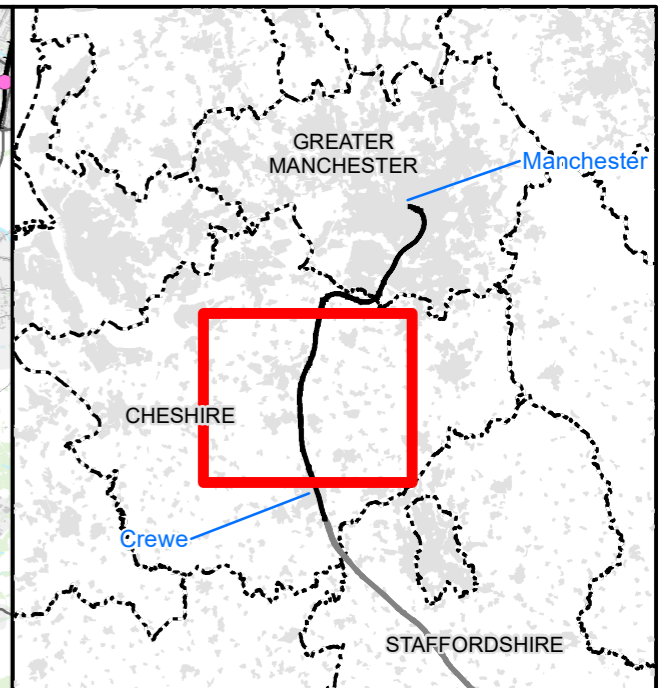
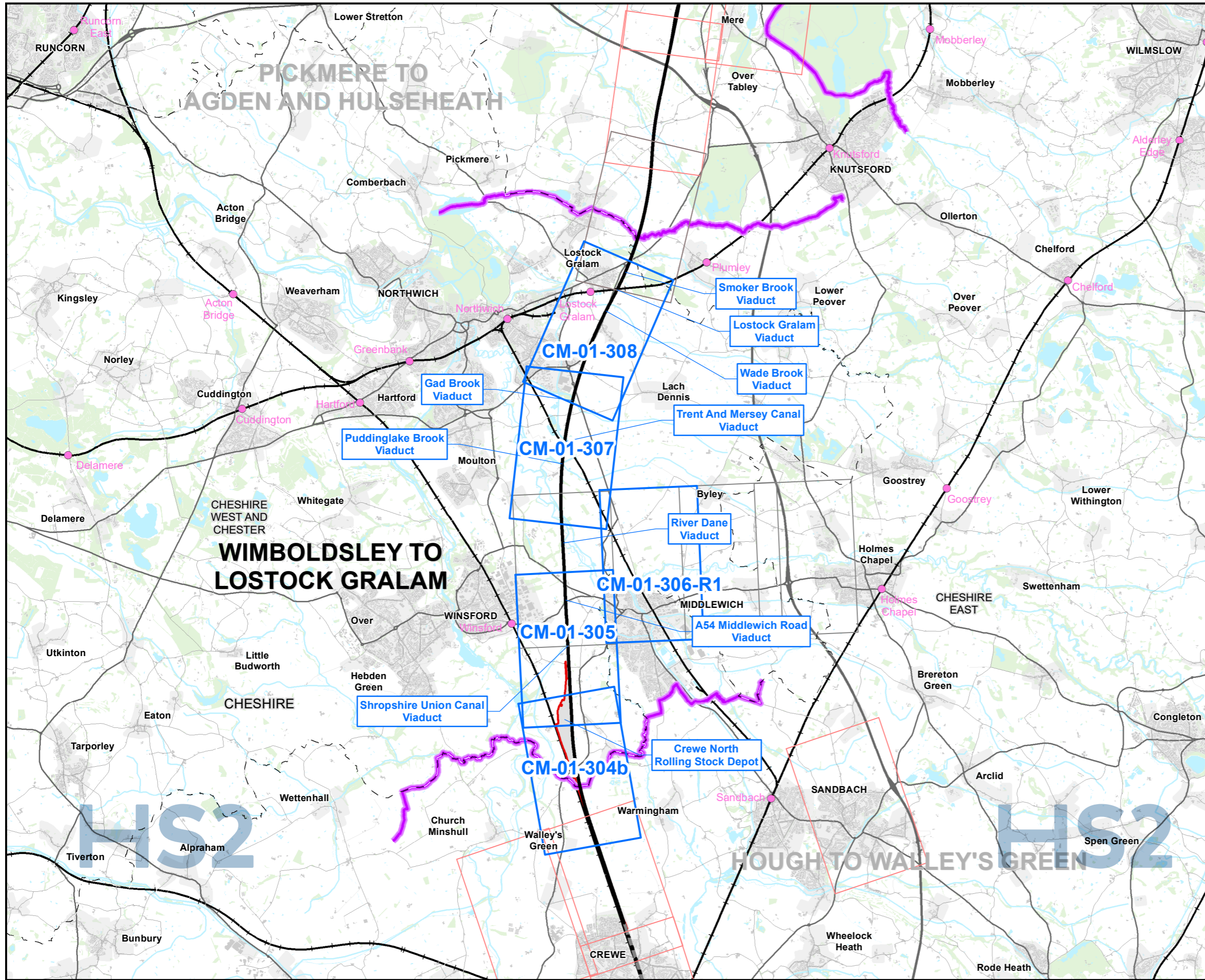
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA02: Wimboldsley to Lostock Gralam

CM-01 – Significantly Affected Community 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	CM-01-INDEX-MA02
Map Name	Index Map of: Significantly Affected Community Resources SES2 and AP2 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

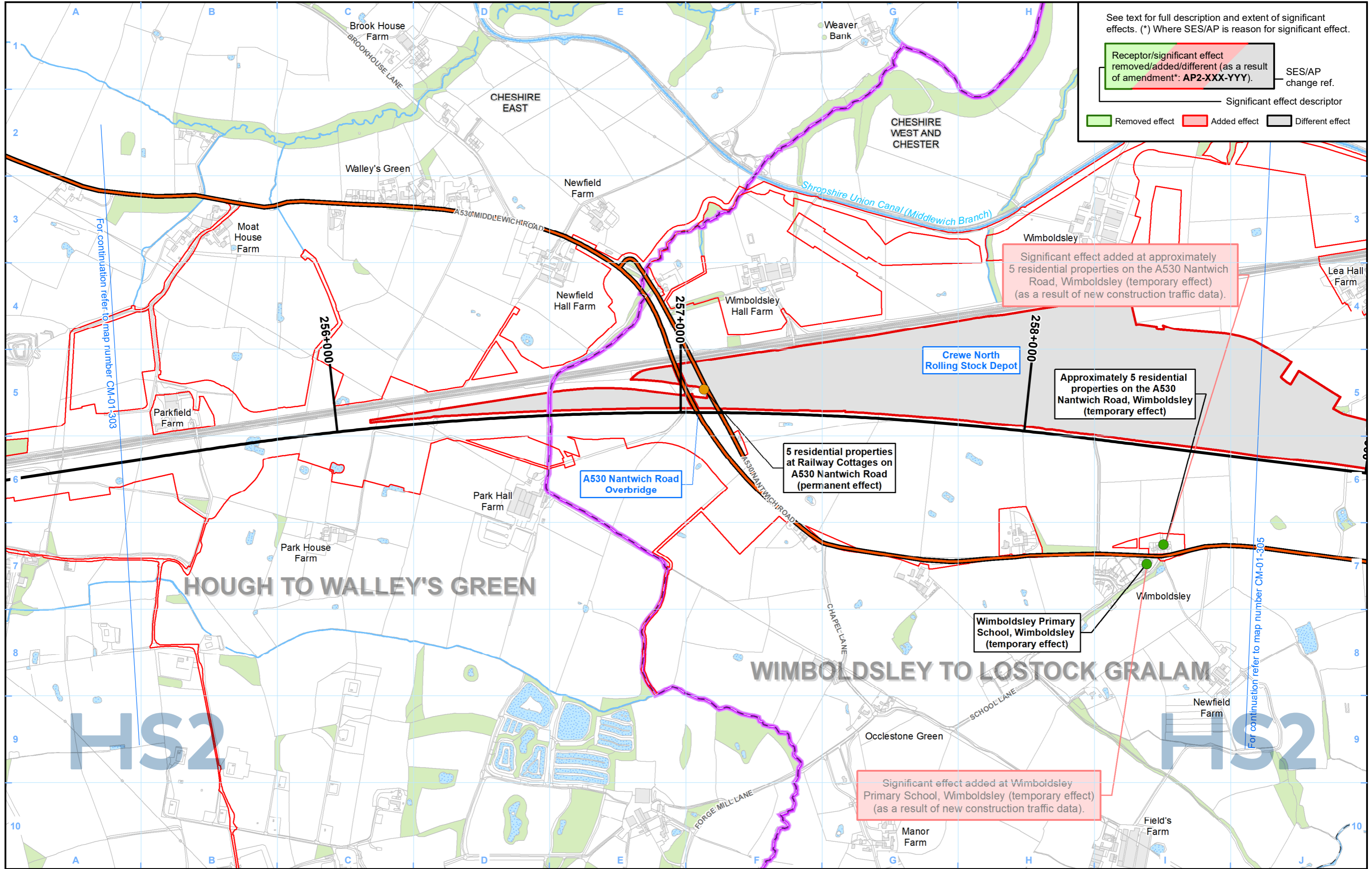
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Date: 31/03/23



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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

Significant effect added at approximately 5 residential properties on the A530 Nantwich Road, Wimboldsley (temporary effect) (as a result of new construction traffic data).

Approximately 5 residential properties on the A530 Nantwich Road, Wimboldsley (temporary effect)

5 residential properties at Railway Cottages on A530 Nantwich Road (permanent effect)

Wimboldsley Primary School, Wimboldsley (temporary effect)

Significant effect added at Wimboldsley Primary School, Wimboldsley (temporary effect) (as a result of new construction traffic data).

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 traffic route
- 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
- Promoted routes significantly affected during construction

Map Number: CM-01-304b

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA02: Wimboldsley to Lostock Gralam

HS2

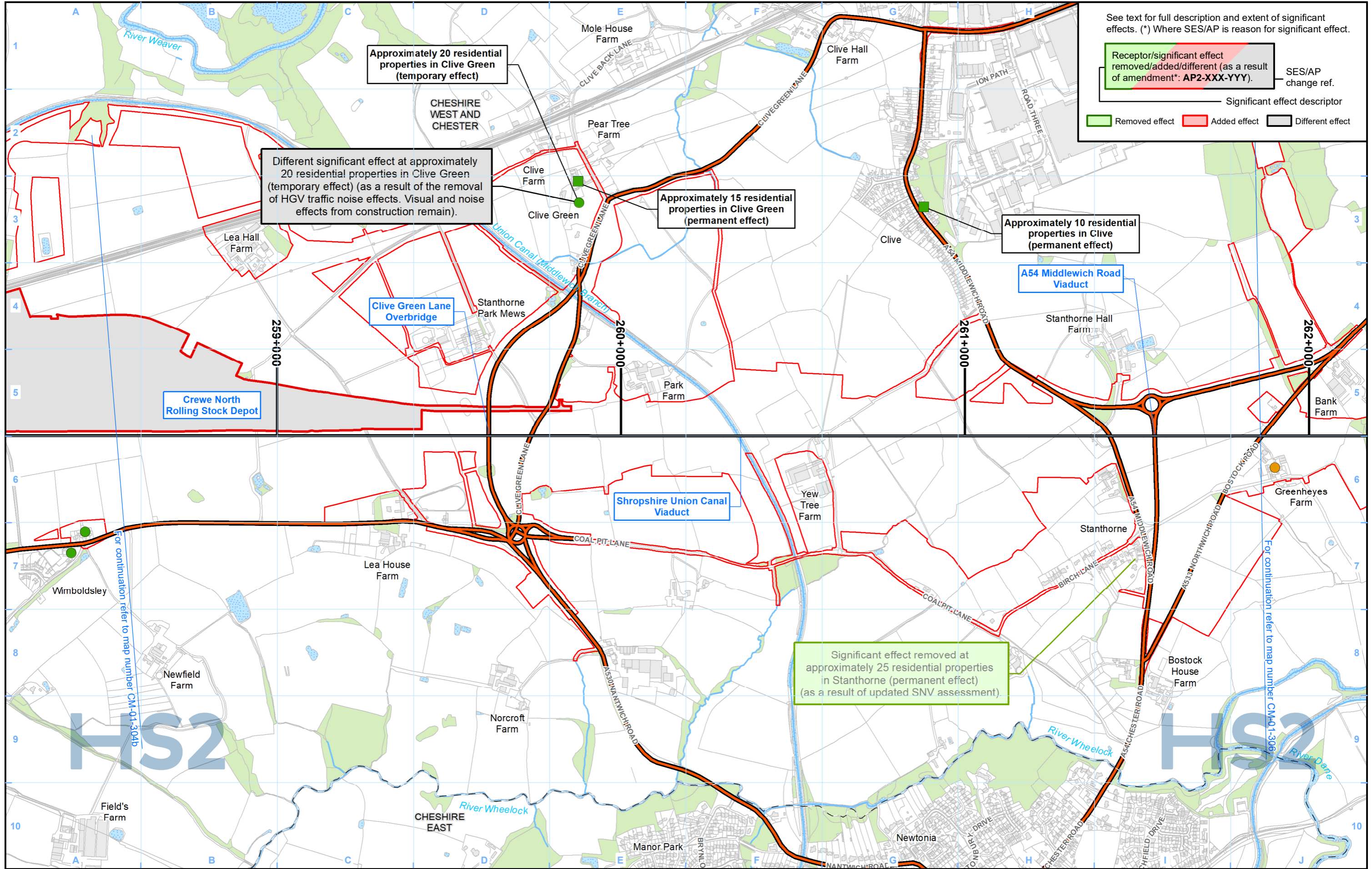
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

Significant effect descriptor

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

Legend

- Route in tunnel (Black line)
- Route on surface (Orange line)
- Depot, station, headhouse or portal building (Red outline)
- Land potentially required during construction (Red outline)
- Community area boundary (Purple line)
- County boundary (Dashed line)
- District/Borough boundary (Dotted line)
- Construction traffic route (Thick orange 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)
- Promoted routes significantly affected during construction (Dashed orange line)

Map Number: CM-01-305

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA02: Wimboldsley to Lostock Gralam

HS2

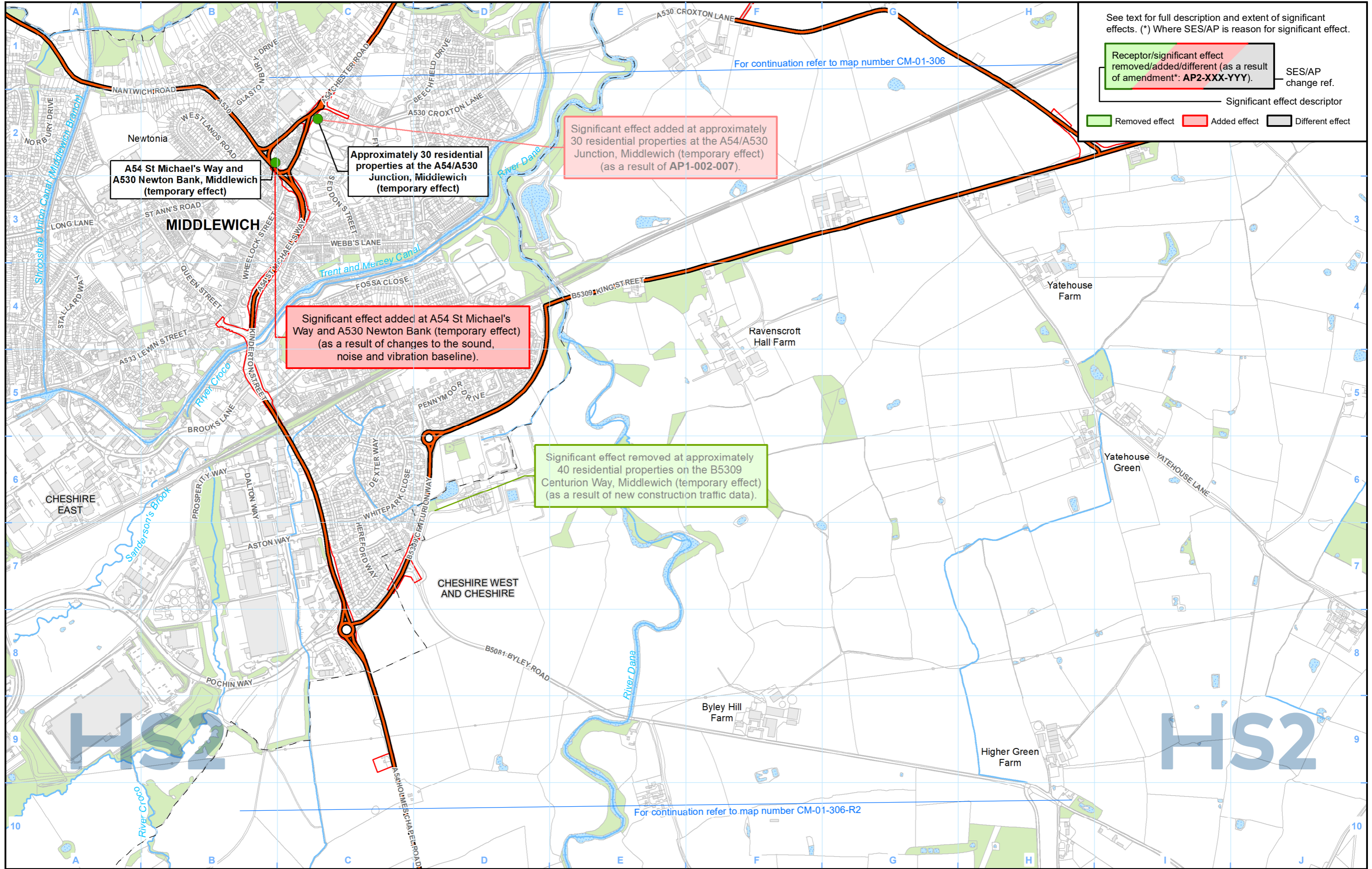
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See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effect.

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"> Construction traffic route 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 	<ul style="list-style-type: none"> Promoted routes significantly affected during construction
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Map Number: **CM-01-306-R1**

Map Name: **Significantly Affected Community Resources SES2 and AP2 ES**

Community Area MA02: **Wimboldsley to Lostock Gralam**

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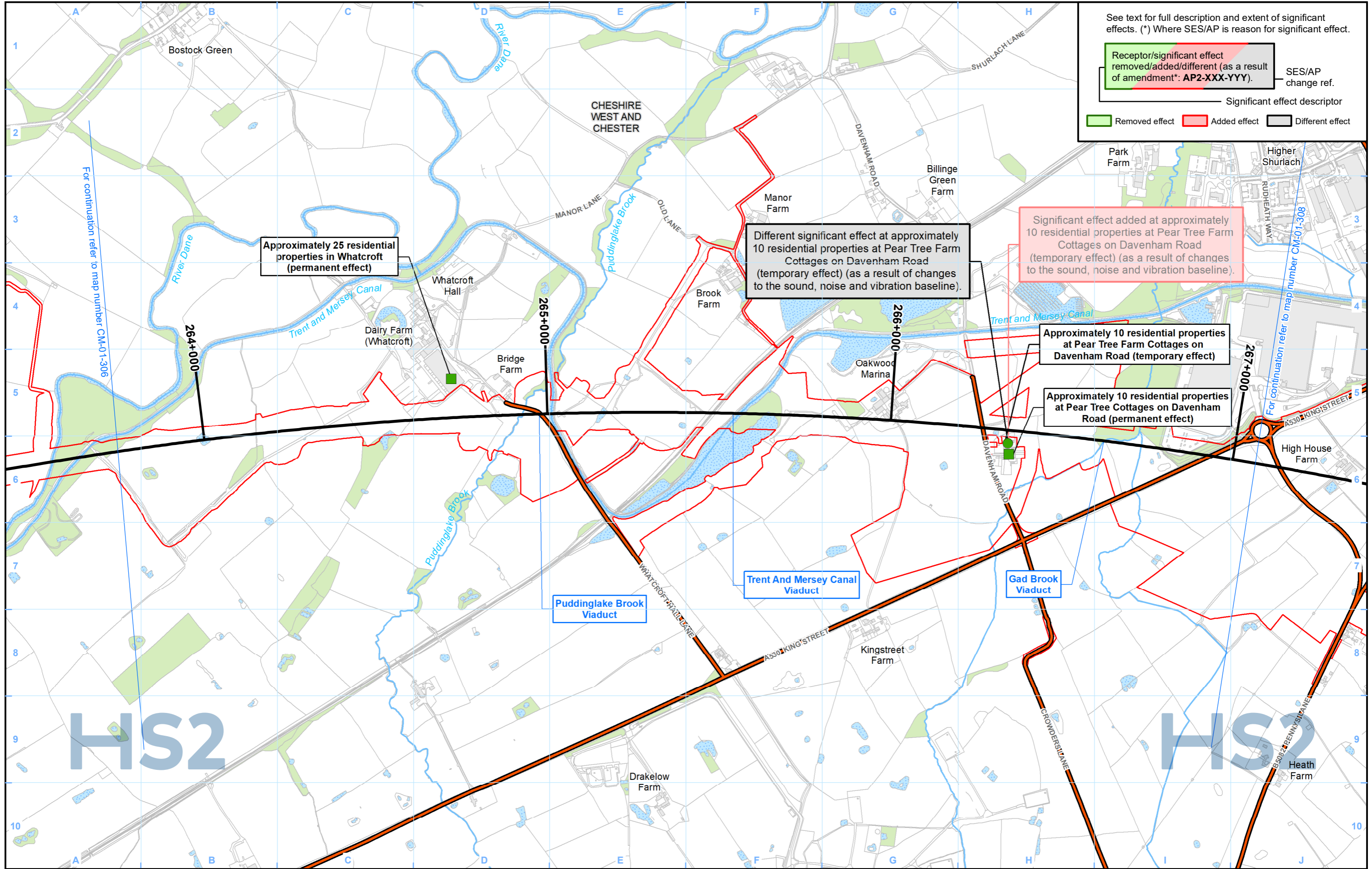
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Date: 06/04/23

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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
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County boundary
- District/Borough boundary
- Construction traffic route
- 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
- Promoted routes significantly affected during construction

Map Number: CM-01-307

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA02: Wimboldsley to Lostock Gralam

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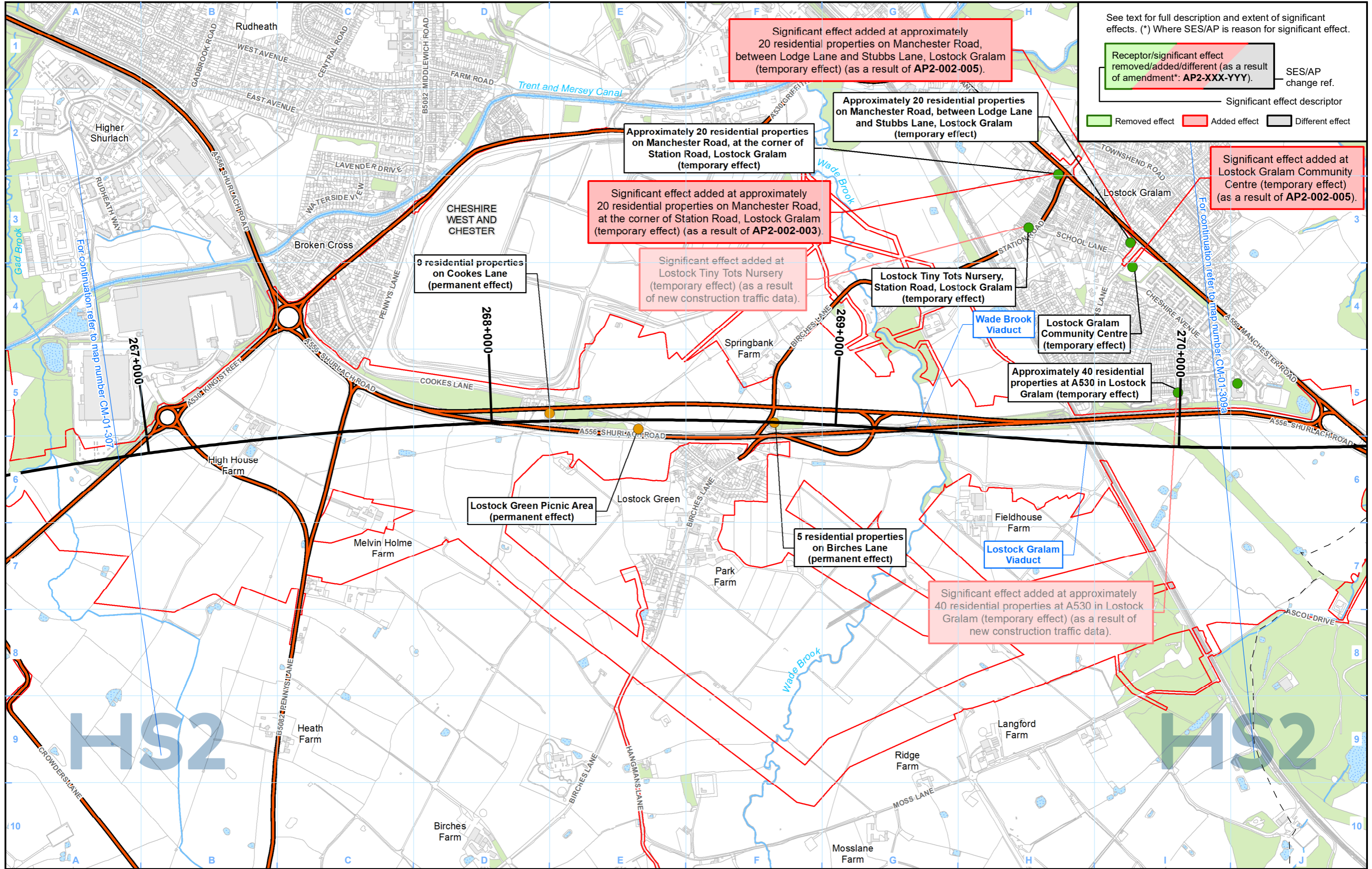
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Date: 06/04/23

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 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"> Construction traffic route 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 	<ul style="list-style-type: none"> Promoted routes significantly affected during construction
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Map Number: CM-01-308

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA02: Wimboldsley to Lostock Garam

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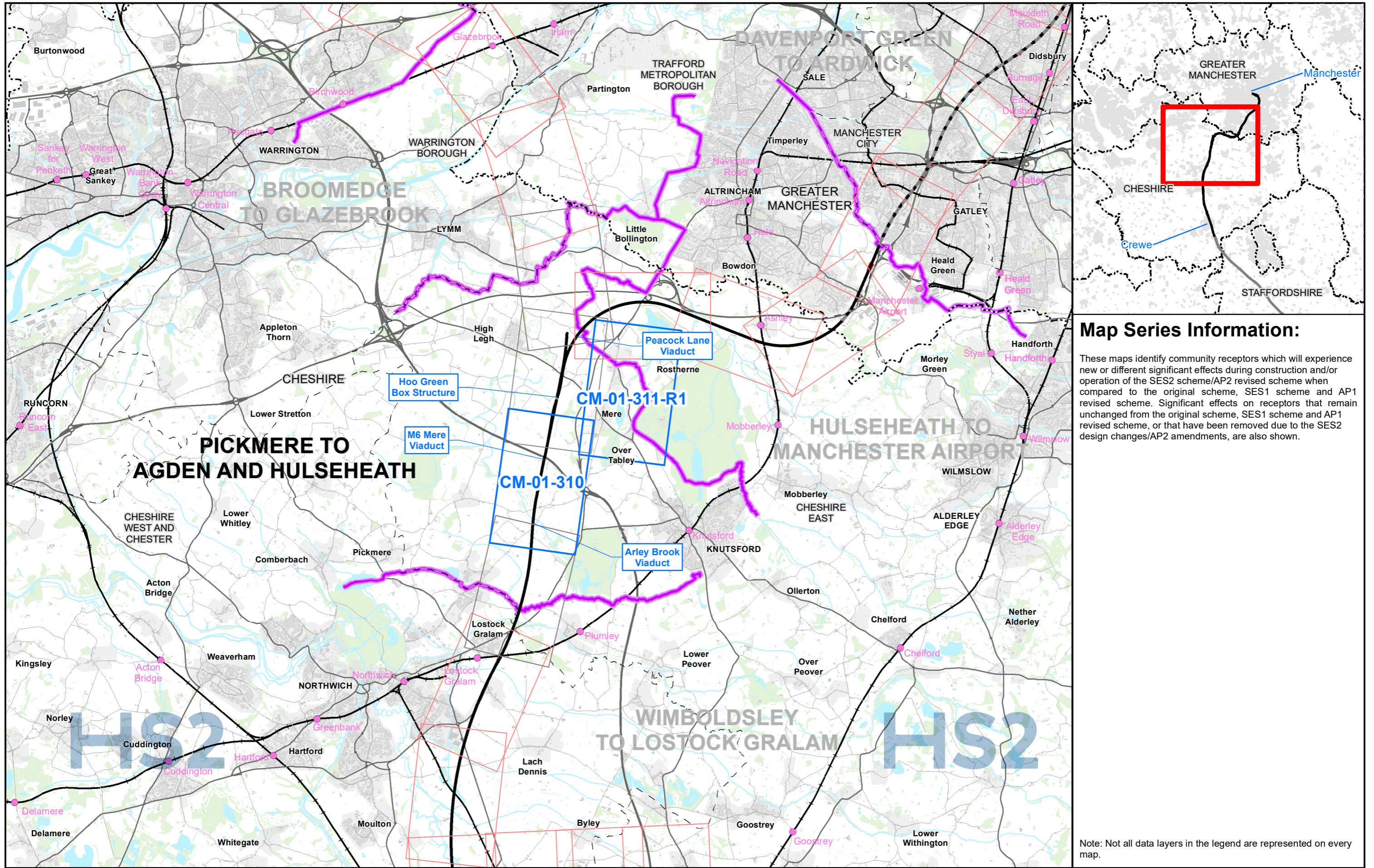
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA03: Pickmere to Agden and Hulseheath

CM-01 – Significantly Affected Community Resources



Map Series Information:

These maps identify community 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 changes/AP2 amendments, are also shown.

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

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

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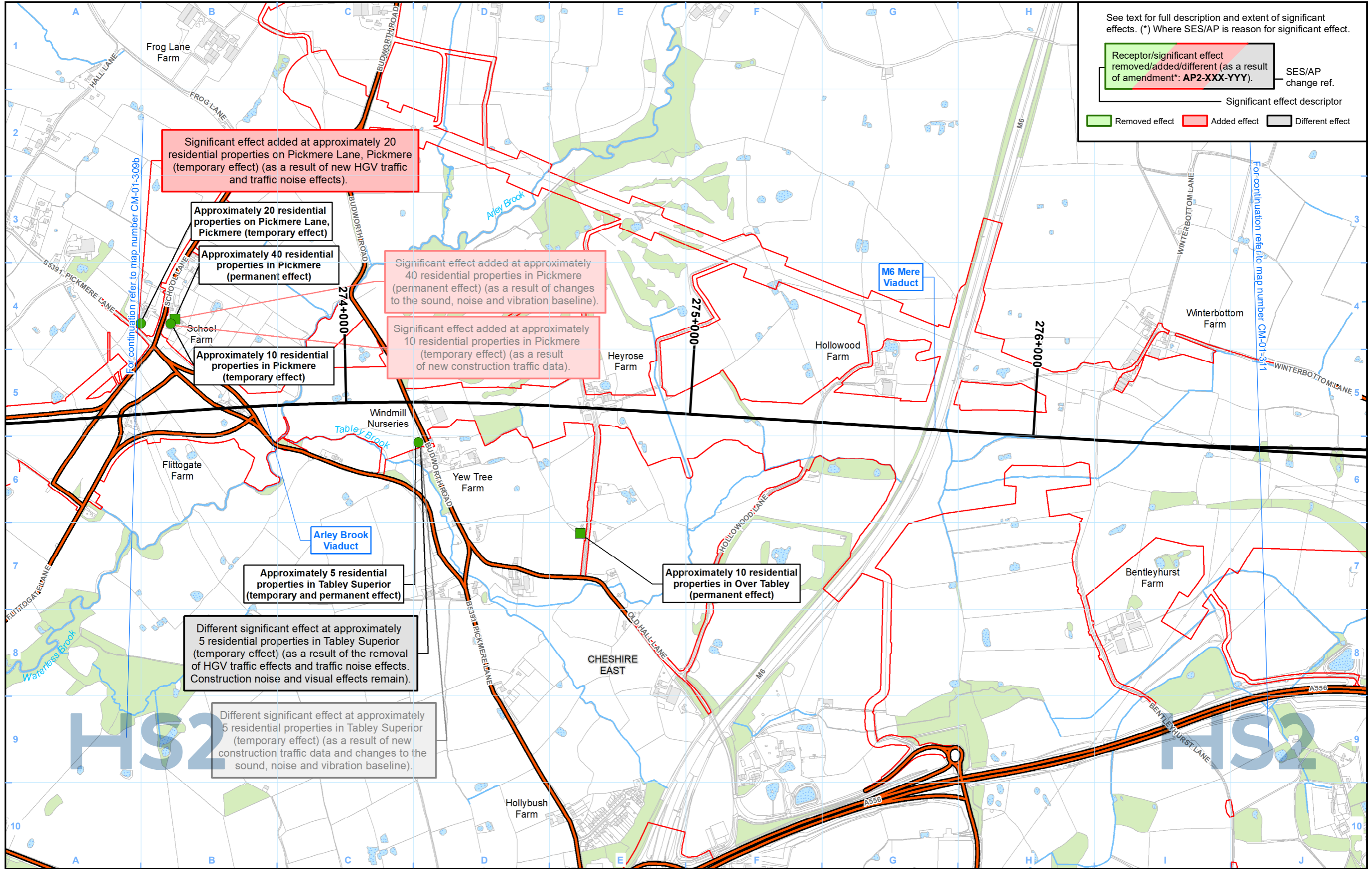
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Scale at A3: 1:100,000

Metres

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)

Significant effect added at approximately 20 residential properties on Pickmere Lane, Pickmere (temporary effect) (as a result of new HGV traffic and traffic noise effects).

Approximately 20 residential properties on Pickmere Lane, Pickmere (temporary effect)

Approximately 40 residential properties in Pickmere (permanent effect)

Approximately 10 residential properties in Pickmere (temporary effect)

Significant effect added at approximately 40 residential properties in Pickmere (permanent effect) (as a result of changes to the sound, noise and vibration baseline).

Significant effect added at approximately 10 residential properties in Pickmere (temporary effect) (as a result of new construction traffic data).

Approximately 5 residential properties in Tabley Superior (temporary and permanent effect)

Different significant effect at approximately 5 residential properties in Tabley Superior (temporary effect) (as a result of the removal of HGV traffic effects and traffic noise effects. Construction noise and visual effects remain).

Different significant effect at approximately 5 residential properties in Tabley Superior (temporary effect) (as a result of new construction traffic data and changes to the sound, noise and vibration baseline).

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 traffic route
- 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
- Promoted routes significantly affected during construction

Map Number: CM-01-310

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA03: Pickmere to Agden and Hulseheath

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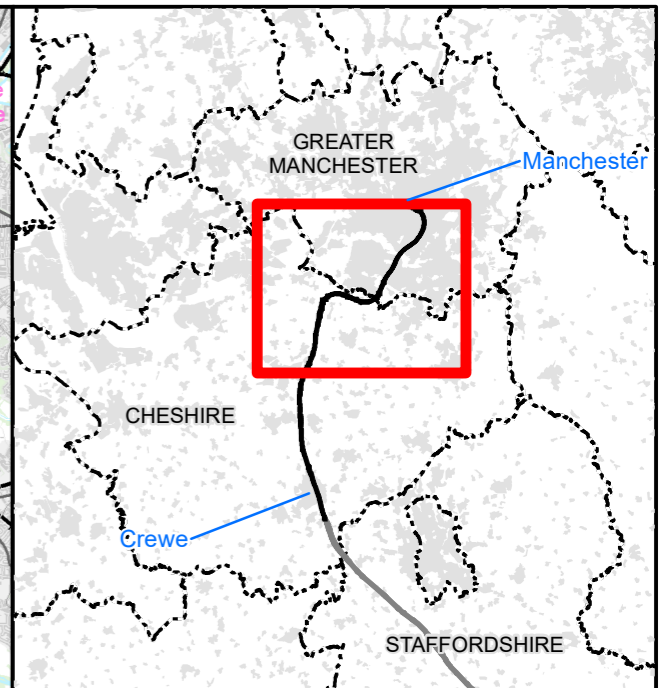
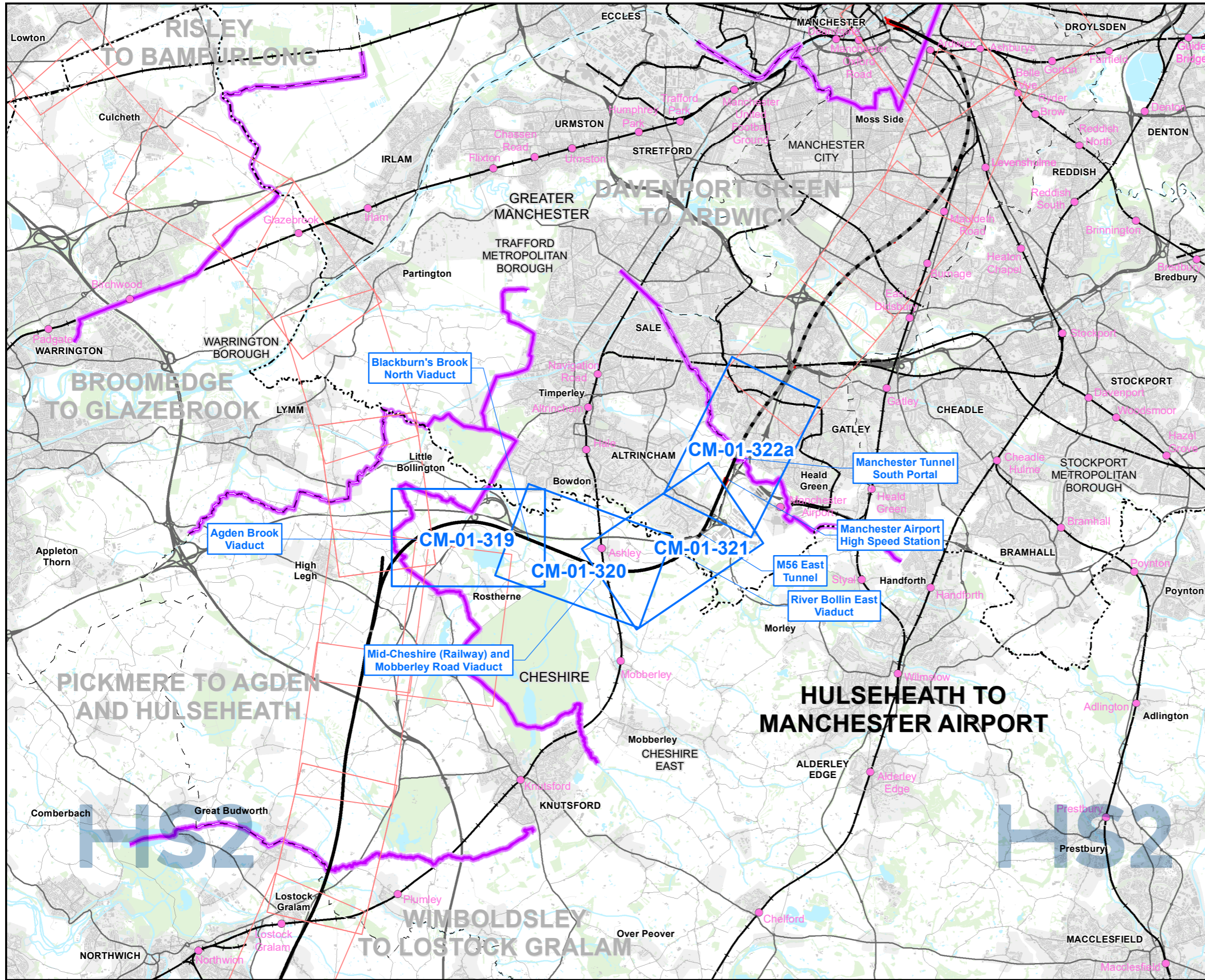
Date: 06/04/23

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA06: Hulseheath to Manchester Airport

CM-01 – Significantly Affected Community Resources



Map Series Information:

These maps identify community 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 changes/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 **CM-01-INDEX-MA06**

Map Name
 Index Map of:
 Significantly Affected
 Community Resources
 SES2 and AP2 ES


Community Area MA06:
 Hulseheath to Manchester Airport



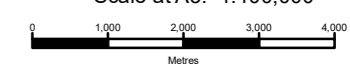
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PICKMERE TO AGDEN AND HULSEHEATH

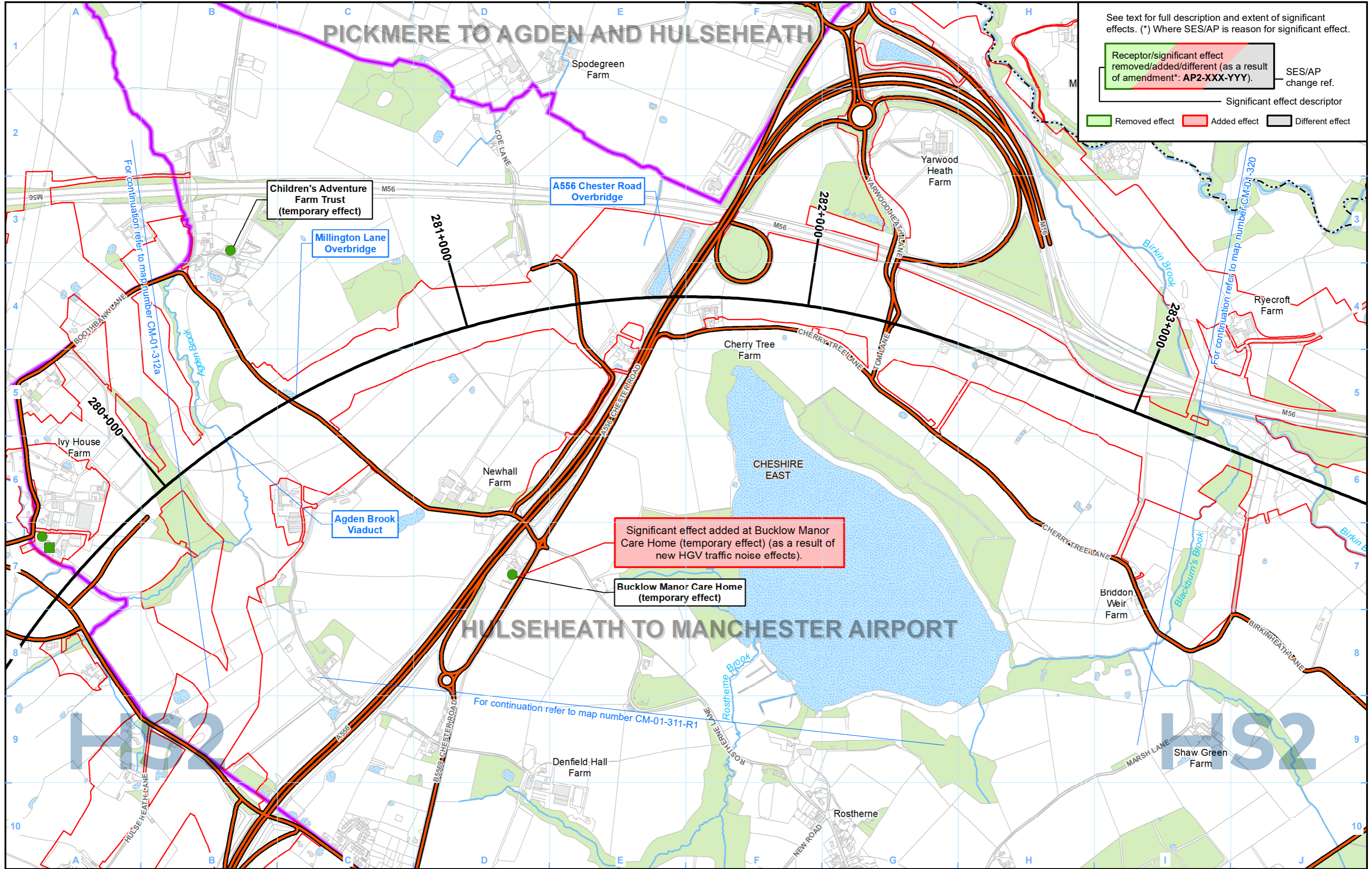
See text for full description and extent of significant effects. (*) Where SES/AP is reason for significant effects.

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



Map Number: CM-01-319

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

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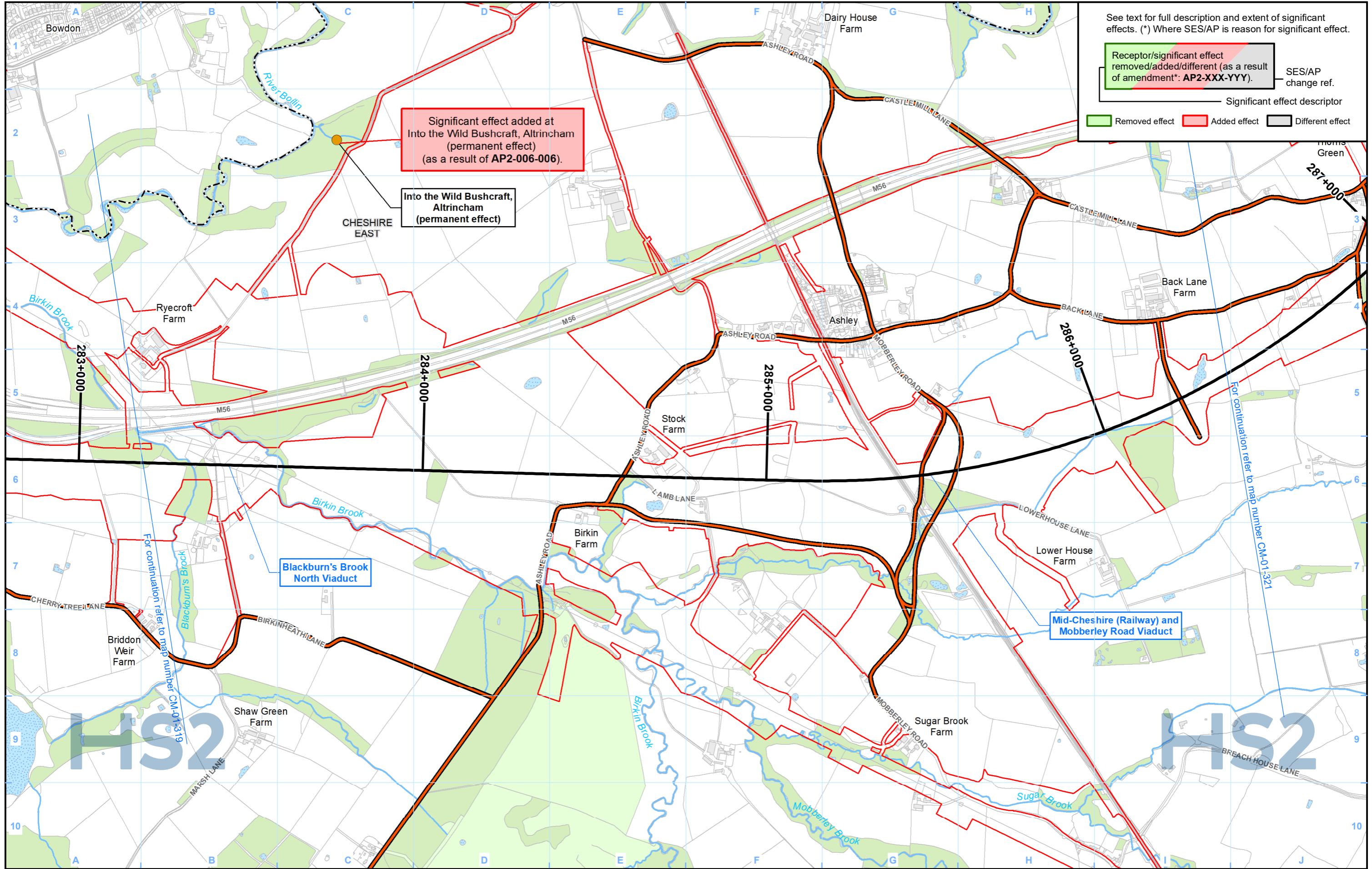
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Date: 06/04/23

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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 (black line)
- Route on surface (orange line)
- Construction traffic route (red line)
- Watercourse (blue line)
- Water body (blue hatched area)
- Woodland (green hatched area)
- 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 (dash-dot line)

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)
- In-combination (green triangle)
- Isolation (pink triangle)

Promoted routes significantly affected during construction

- Promoted routes significantly affected during construction (dashed orange line)

Map Number: CM-01-320

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

HS2

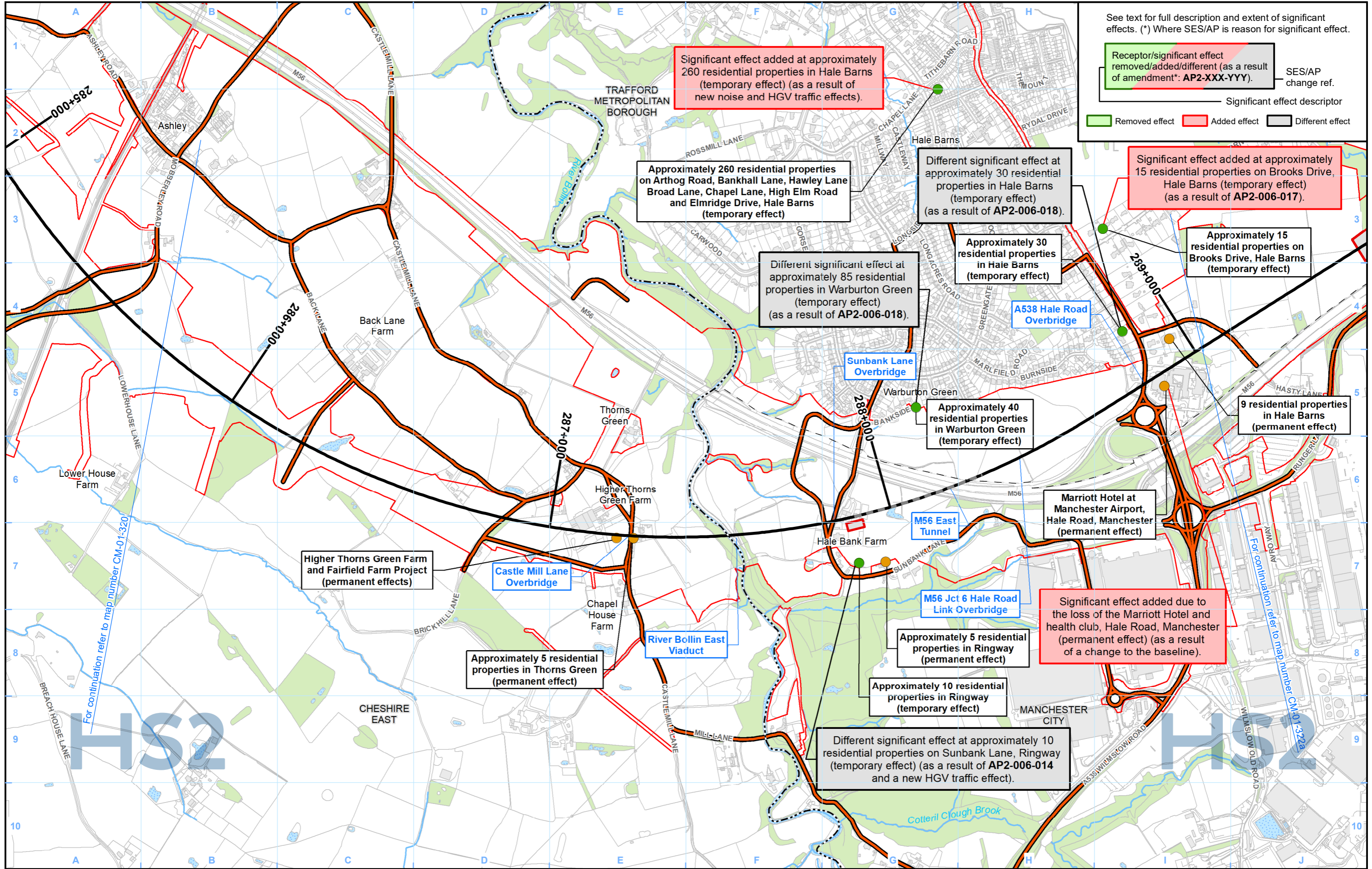
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Date: 11/05/23



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

Significant effect added at approximately 260 residential properties in Hale Barns (temporary effect) (as a result of new noise and HGV traffic effects).

Approximately 260 residential properties on Arthog Road, Bankhall Lane, Hawley Lane Broad Lane, Chapel Lane, High Elm Road and Elmridge Drive, Hale Barns (temporary effect)

Different significant effect at approximately 30 residential properties in Hale Barns (temporary effect) (as a result of AP2-006-018).

Significant effect added at approximately 15 residential properties on Brooks Drive, Hale Barns (temporary effect) (as a result of AP2-006-017).

Approximately 15 residential properties on Brooks Drive, Hale Barns (temporary effect)

Different significant effect at approximately 85 residential properties in Warburton Green (temporary effect) (as a result of AP2-006-018).

Approximately 30 residential properties in Hale Barns (temporary effect)

A538 Hale Road Overbridge

Approximately 40 residential properties in Warburton Green (temporary effect)

9 residential properties in Hale Barns (permanent effect)

Marriott Hotel at Manchester Airport, Hale Road, Manchester (permanent effect)

Significant effect added due to the loss of the Marriott Hotel and health club, Hale Road, Manchester (permanent effect) (as a result of a change to the baseline).

Approximately 5 residential properties in Ringway (permanent effect)

Approximately 10 residential properties in Ringway (temporary effect)

Different significant effect at approximately 10 residential properties on Sunbank Lane, Ringway (temporary effect) (as a result of AP2-006-014 and a new HGV traffic effect).

Higher Thorns Green Farm and Fairfield Farm Project (permanent effects)

Approximately 5 residential properties in Thorns Green (permanent effect)

Castle Mill Lane Overbridge

River Bollin East Viaduct

M56 East Tunnel

M56 Jct 6 Hale Road Link Overbridge

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 traffic route
- 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

Promoted routes significantly affected during construction

Map Number: CM-01-321

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

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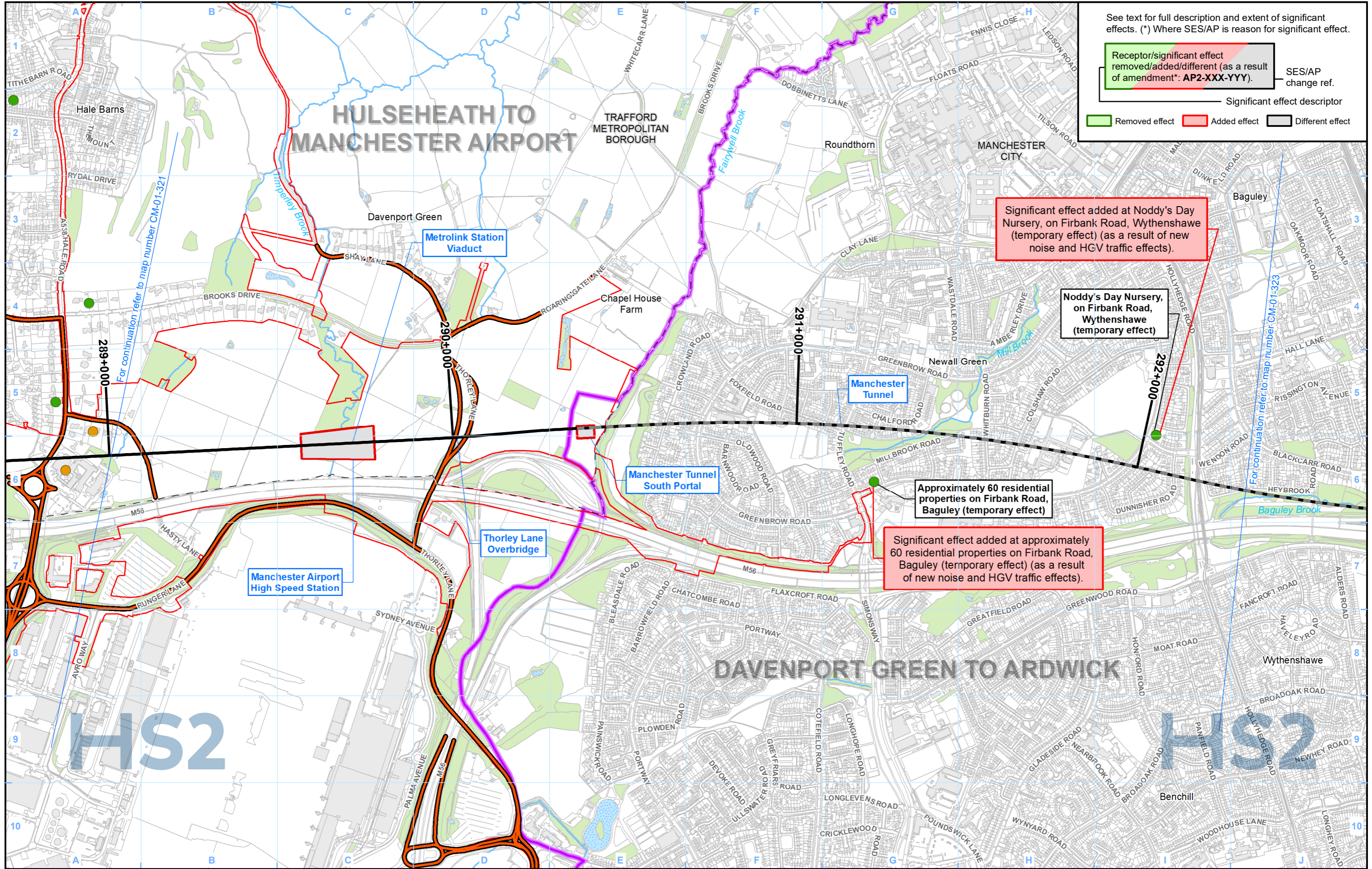
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Date: 06/04/23



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

Significant effect added at Noddy's Day Nursery, on Firbank Road, Wythenshawe (temporary effect) (as a result of new noise and HGV traffic effects).

Noddy's Day Nursery, on Firbank Road, Wythenshawe (temporary effect)

Approximately 60 residential properties on Firbank Road, Baguley (temporary effect)

Significant effect added at approximately 60 residential properties on Firbank Road, Baguley (temporary effect) (as a result of new noise and HGV traffic effects).

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 (Blue dashed line)
- County boundary (Black dashed line)
- District/Borough boundary (Black dashed line)
- Construction traffic route (Orange 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)
- Promoted routes significantly affected during construction (Orange dashed line)

Map Number: CM-01-322a

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA06: Hulseheath to Manchester Airport

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Scale at A3: 1:10,000

0 100 200 300 400 Metres

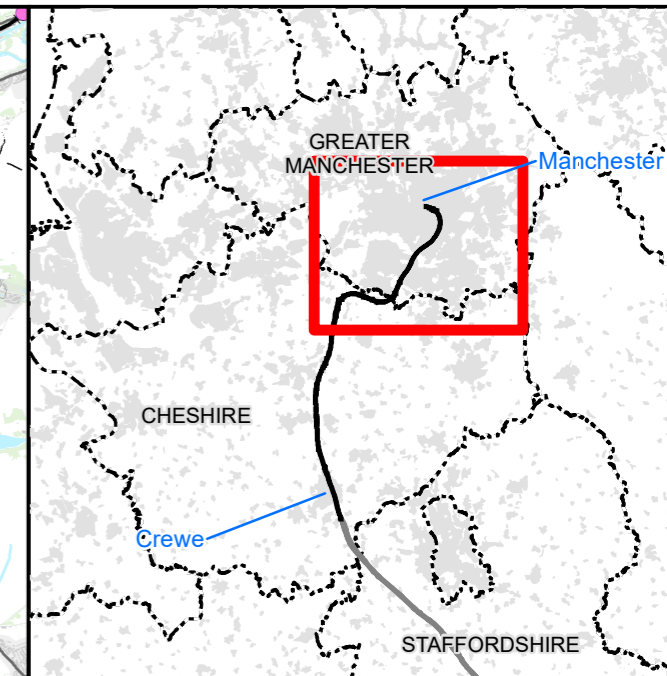
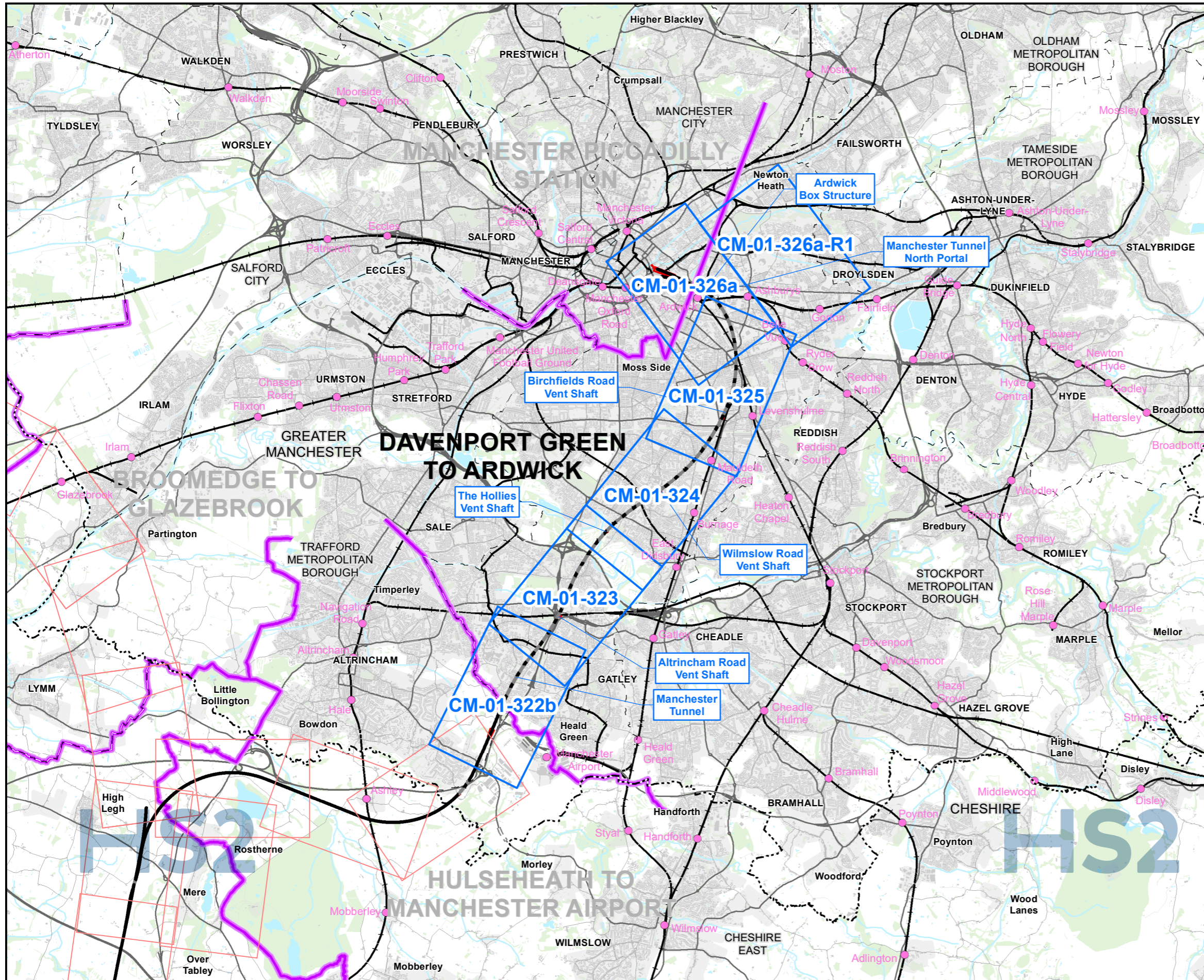
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High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA07: Davenport Green to Ardwick

CM-01 – Significantly Affected Community Resources



Map Series Information:

These maps identify community 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 changes/AP2 amendments, are also shown.

<p>Main Map Legend</p> <ul style="list-style-type: none"> 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 		<p>Map Number: CM-01-INDEX-MA07</p> <p>Map Name: Index Map of: Significantly Affected Community Resources SES2 and AP2 ES</p> <p>Community Area MA07: Davenport Green to Ardwick</p>
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HS2

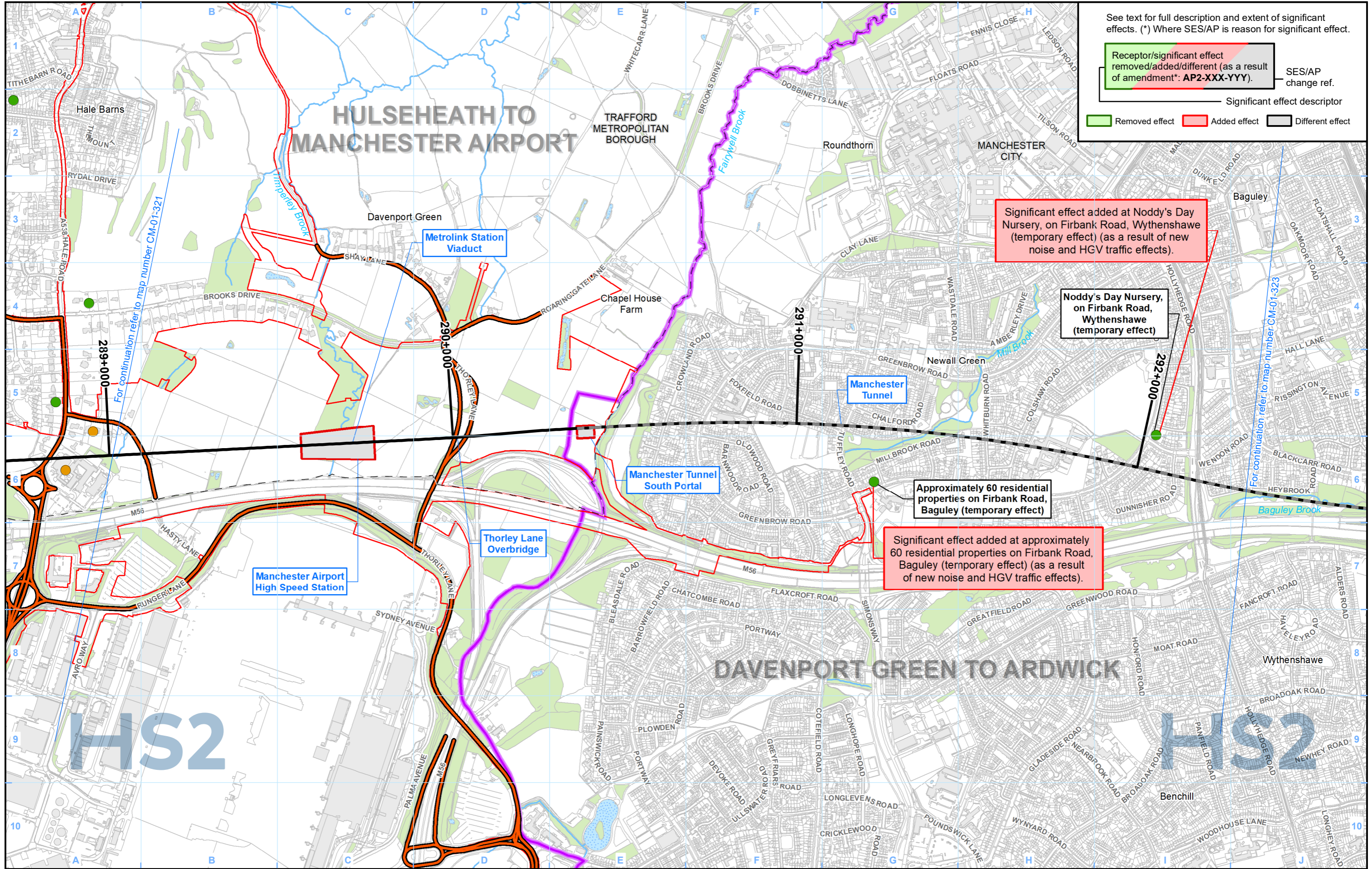
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Date: 31/03/23



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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

Significant effect added at Noddy's Day Nursery, on Firbank Road, Wythenshawe (temporary effect) (as a result of new noise and HGV traffic effects).

Noddy's Day Nursery, on Firbank Road, Wythenshawe (temporary effect)

Approximately 60 residential properties on Firbank Road, Baguley (temporary effect)

Significant effect added at approximately 60 residential properties on Firbank Road, Baguley (temporary effect) (as a result of new noise and HGV traffic effects).

Legend		Resources significantly affected during construction		Resources significantly affected during operation		Promoted routes significantly affected during construction	
	Route in tunnel		Construction traffic route		In-combination		Promoted routes significantly affected during construction
	Route on surface		Watercourse		Isolation		
	Depot, station, headhouse or portal building		Water body		In-combination		
	Land potentially required during construction		Woodland		Multiple		
	Community area boundary				In-combination		
	County boundary				Isolation		
	District/Borough boundary						

Map Number: CM-01-322b

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

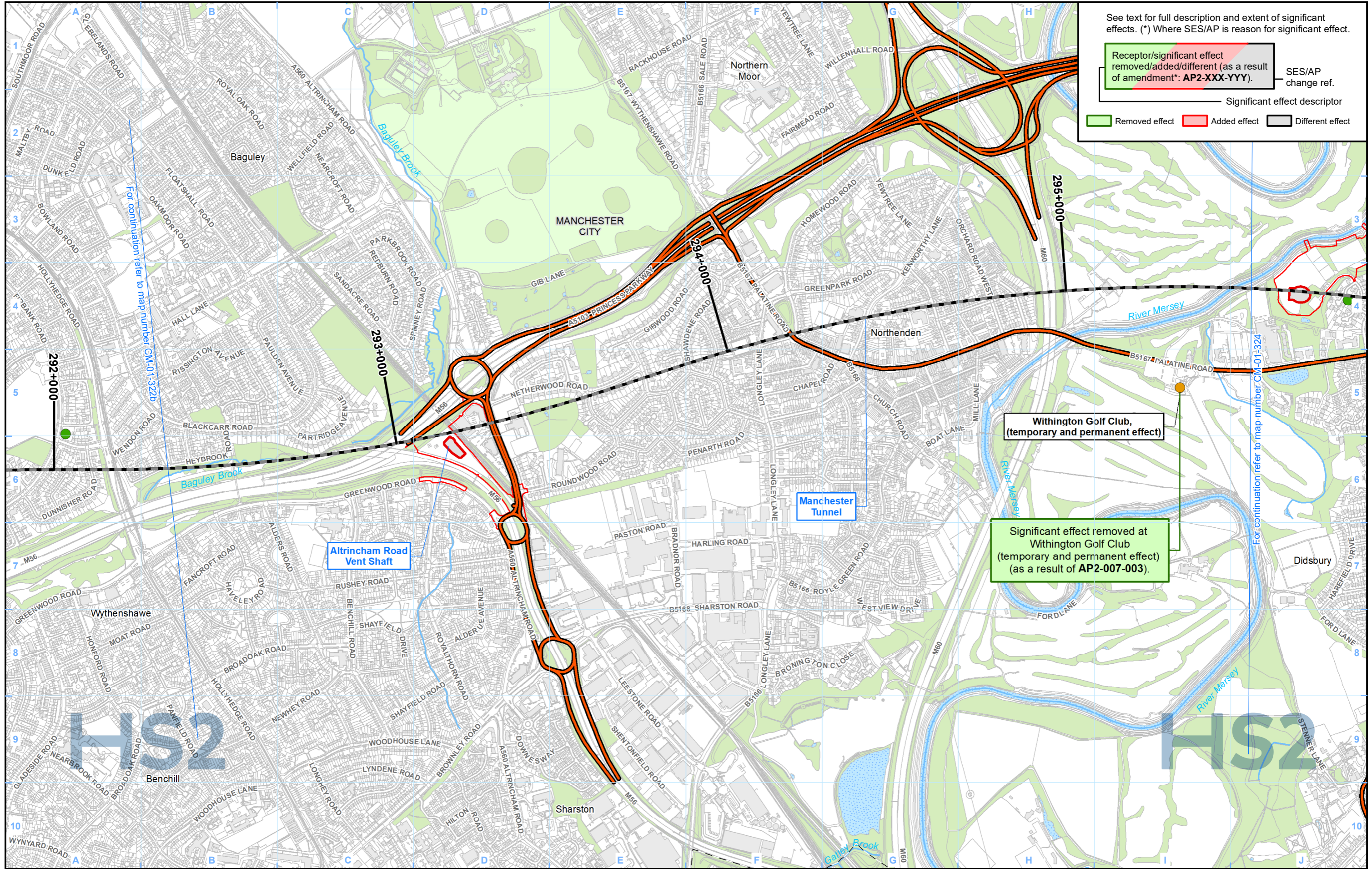
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Date: 06/04/23



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 (dash-dot line)
- Construction traffic route (orange line)
- Watercourse (blue line)
- Water body (blue hatched)
- Woodland (green hatched)
- Resources significantly affected during construction:
 - Land taken or demolitions (orange 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)
- Promoted routes significantly affected during construction (dashed orange line)

Map Number: CM-01-323

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

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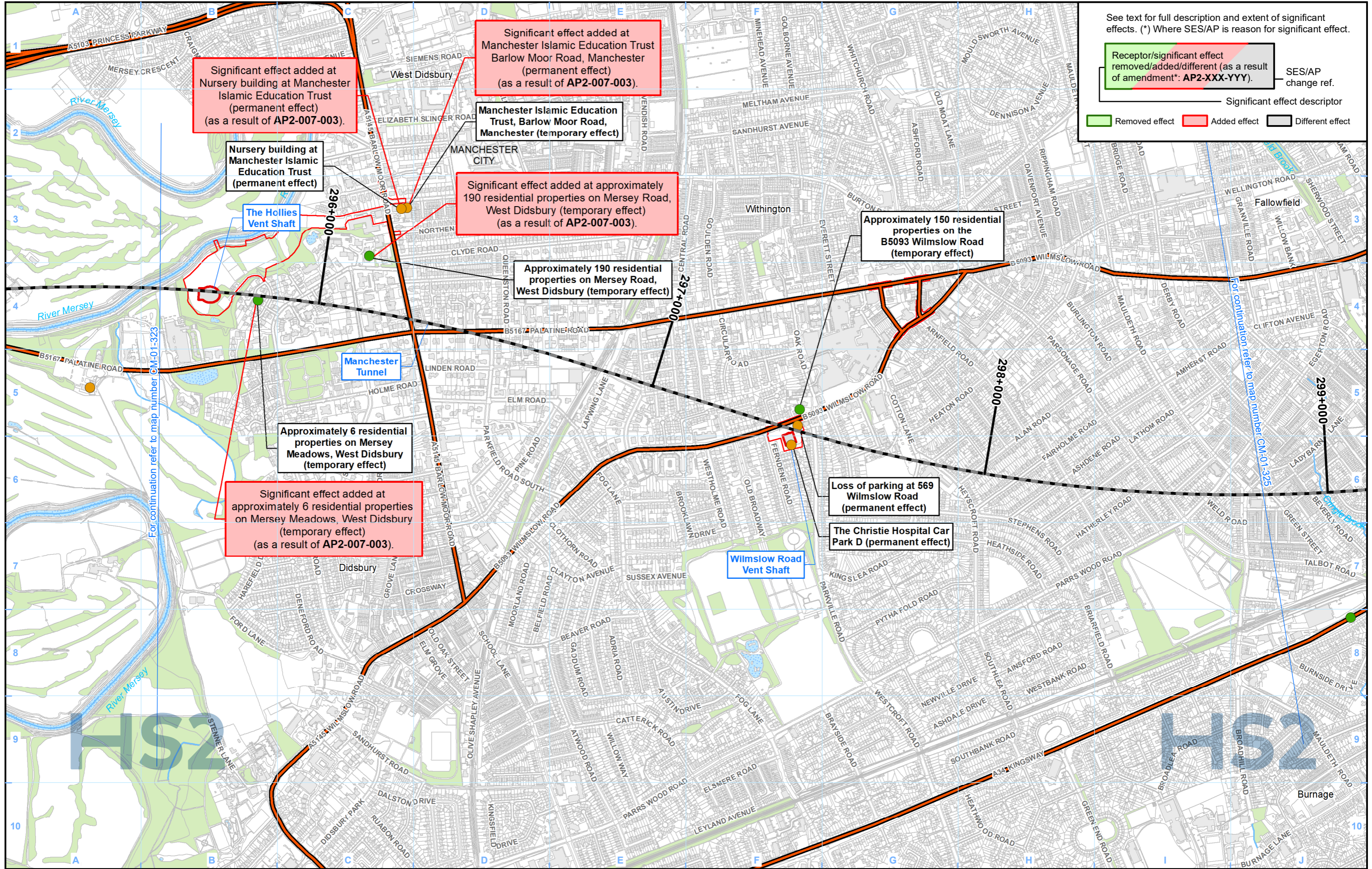
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Doc Number: 2PT27-MWJ-EV-MAP-M000-000641-P01

Date: 06/04/23

Scale at A3: 1:10,000

Metres



- 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 traffic route
- 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

- Promoted routes significantly affected during construction

Map Number: CM-01-324

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

HS2

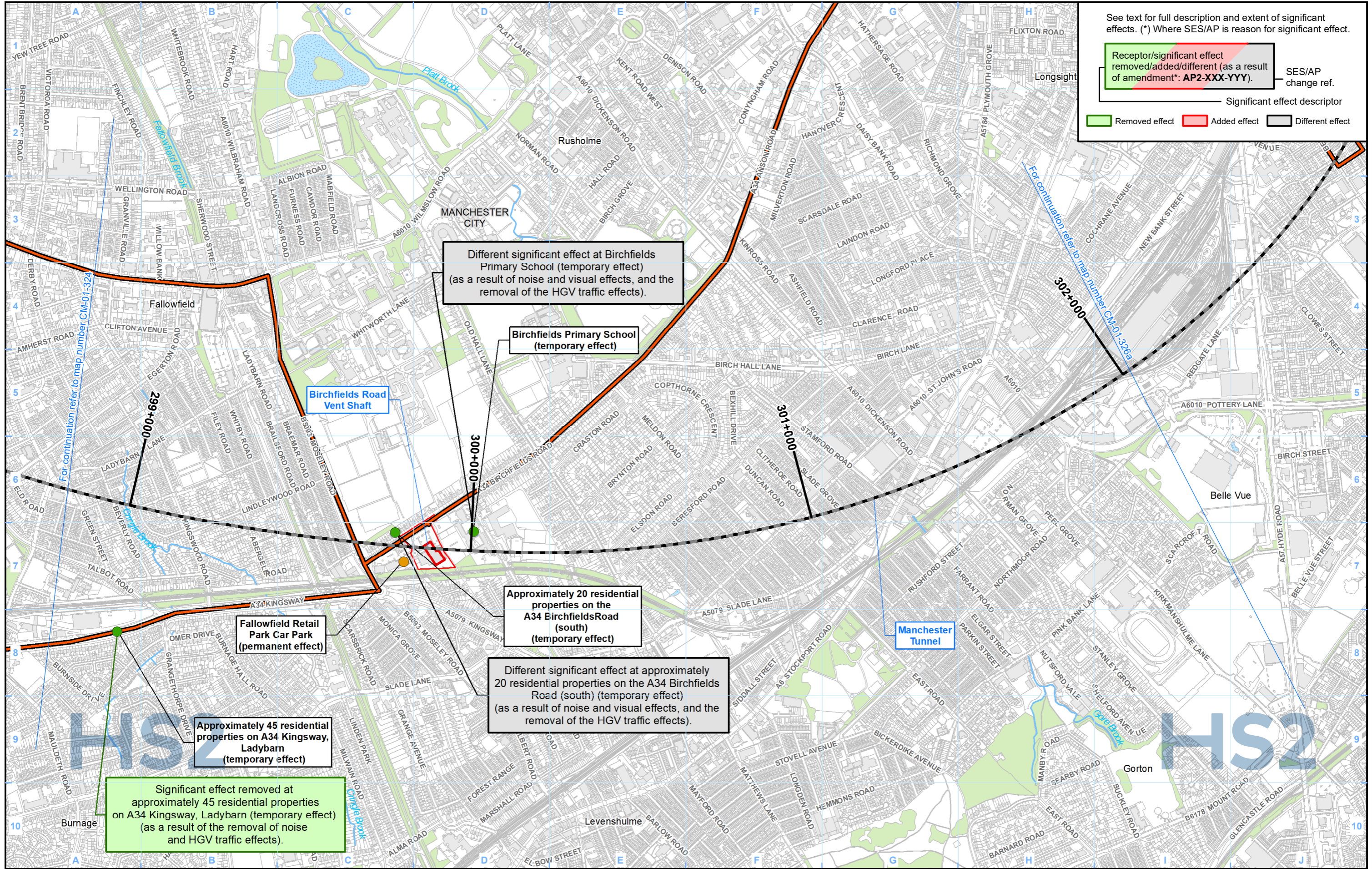
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Date: 06/04/23



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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
- Construction traffic route
- 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
- Promoted routes significantly affected during construction

Map Number: CM-01-325

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

HS2

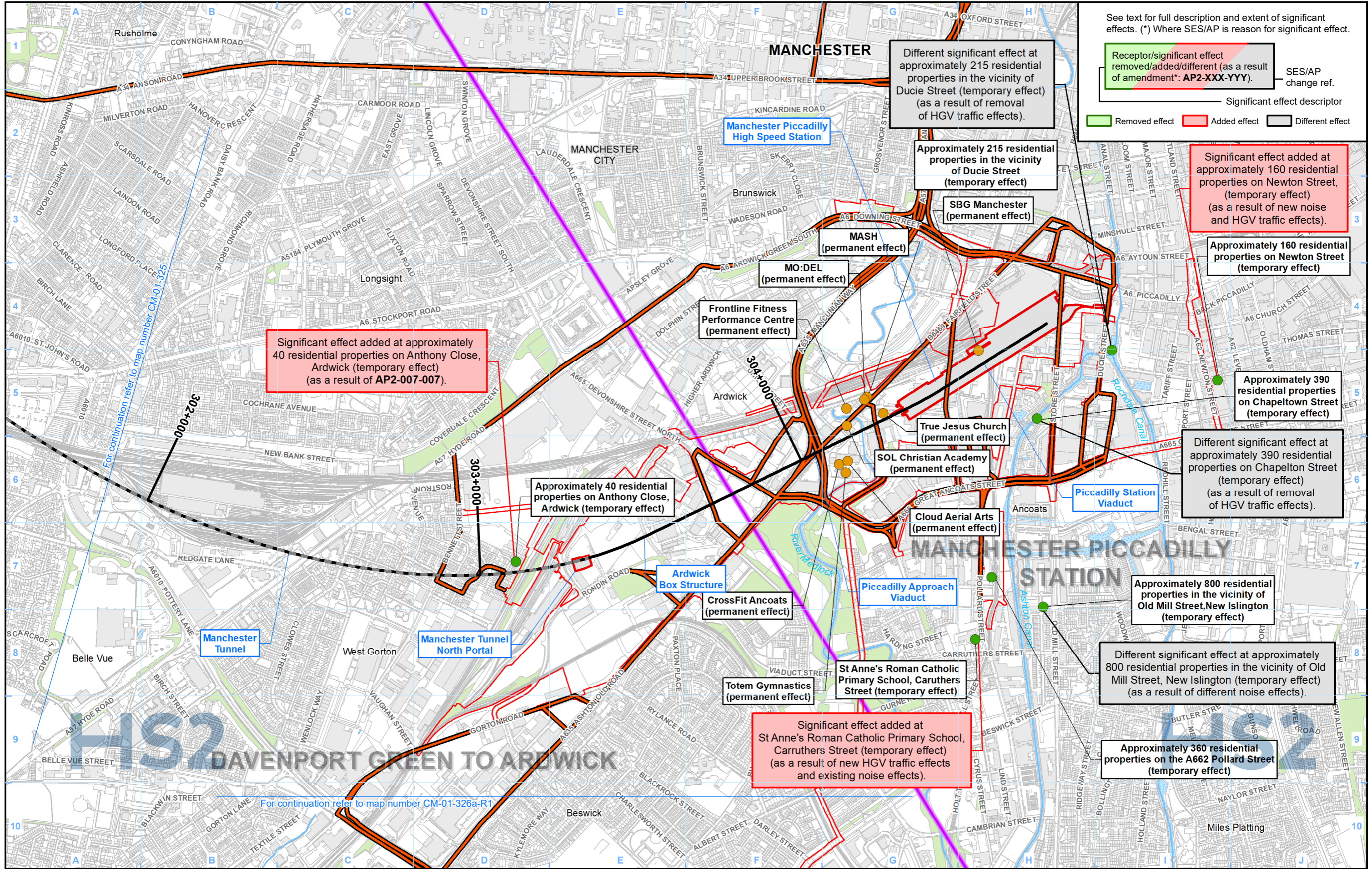
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Receptor/significant effect removed/added/different (as a result of amendment*: AP2-XXX-YYY). SES/AP change ref.

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"> Construction traffic route 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 	<ul style="list-style-type: none"> Promoted routes significantly affected during construction
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Map Number: CM-01-326a

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

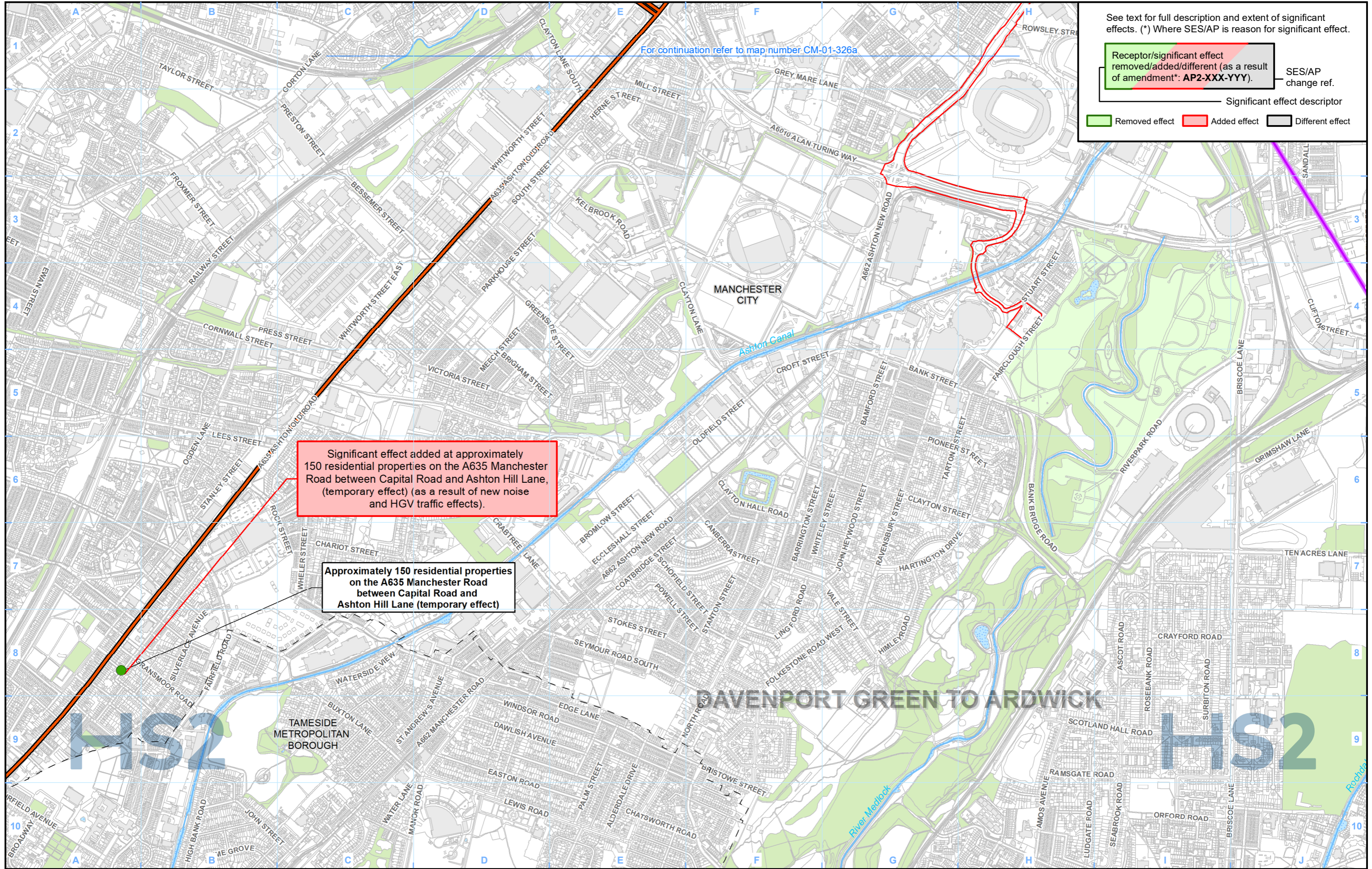
HS2

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Doc Number: 2PT27-MWJ-EV-MAP-M000-000644-P01

Date: 06/04/23



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)

Significant effect added at approximately 150 residential properties on the A635 Manchester Road between Capital Road and Ashton Hill Lane, (temporary effect) (as a result of new noise and HGV traffic effects).

Approximately 150 residential properties on the A635 Manchester Road between Capital Road and Ashton Hill Lane (temporary effect)

DAVENPORT GREEN TO ARDWICK

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 traffic route
- 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
- Promoted routes significantly affected during construction

Map Number: CM-01-326a-R1

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA07: Davenport Green to Ardwick

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Scale at A3: 1:10,000

0 100 200 300 400 Metres

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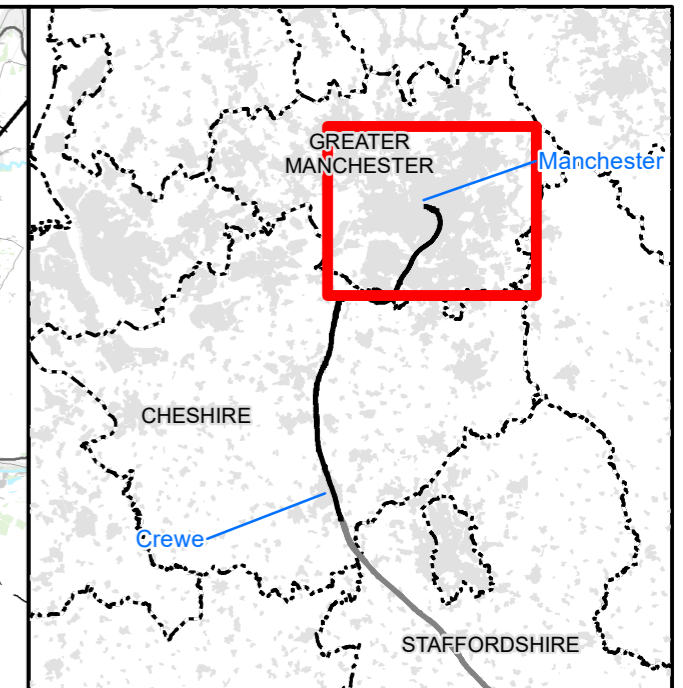
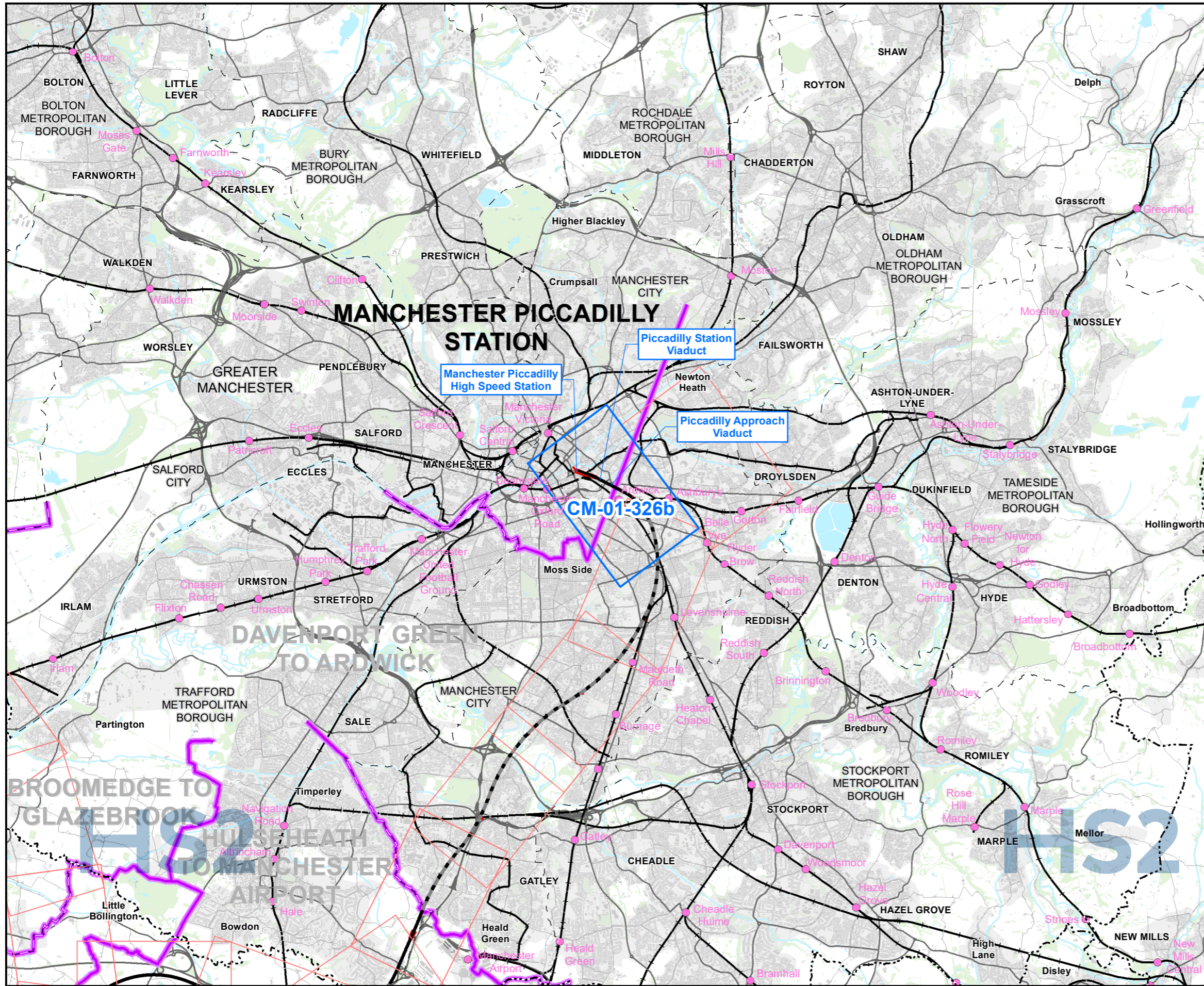
Doc Number: 2PT27-MWJ-EV-MAP-M000-004632-P01 Date: 06/04/23

High Speed Rail (Crewe – Manchester)

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

MA08: Manchester Piccadilly Station

CM-01 – Significantly Affected Community Resources



Map Series Information:

These maps identify community 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 changes/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	CM-01-INDEX-MA08
Map Name	Index Map of: Significantly Affected Community Resources SES2 and AP2 ES
	Community Area MA08: Manchester Piccadilly Station

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Birmingham B4 6GA.

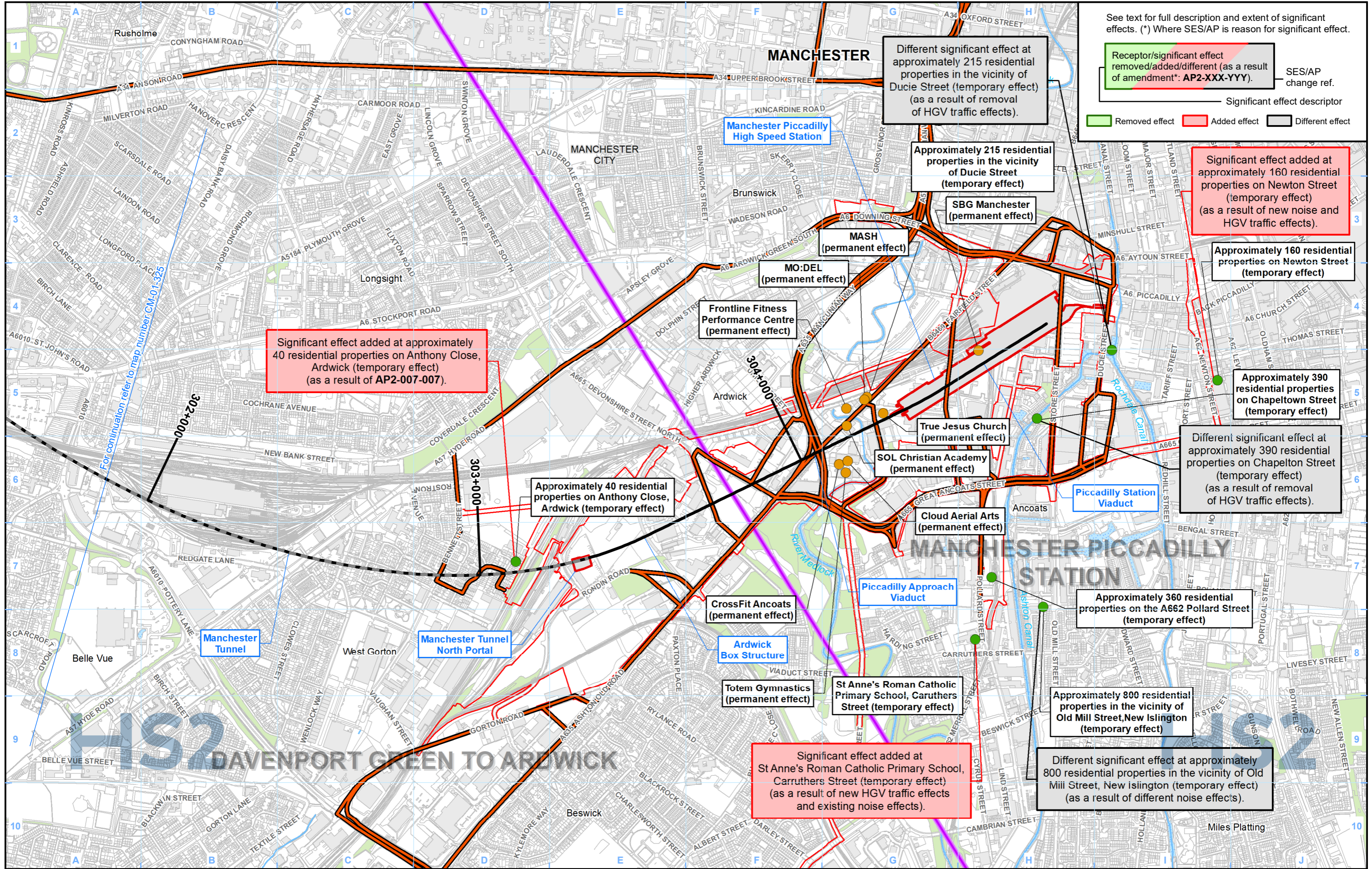
Scale at A3: 1:100,000

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Doc Number: 2PT27-MWJ-EV-MAP-M000-000656-P01

Date: 31/03/23

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



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 at approximately 40 residential properties on Anthony Close, Ardwick (temporary effect) (as a result of AP2-007-007).

Different significant effect at approximately 215 residential properties in the vicinity of Ducie Street (temporary effect) (as a result of removal of HGV traffic effects).

Significant effect added at approximately 160 residential properties on Newton Street (temporary effect) (as a result of new noise and HGV traffic effects).

Approximately 160 residential properties on Newton Street (temporary effect)

Approximately 40 residential properties on Anthony Close, Ardwick (temporary effect)

Frontline Fitness Performance Centre (permanent effect)

MO:DEL (permanent effect)

MASH (permanent effect)

SBG Manchester (permanent effect)

Approximately 215 residential properties in the vicinity of Ducie Street (temporary effect)

Approximately 390 residential properties on Chapelton Street (temporary effect)

Different significant effect at approximately 390 residential properties on Chapelton Street (temporary effect) (as a result of removal of HGV traffic effects).

True Jesus Church (permanent effect)

SOL Christian Academy (permanent effect)

Cloud Aerial Arts (permanent effect)

Approximately 360 residential properties on the A662 Pollard Street (temporary effect)

CrossFit Ancoats (permanent effect)

Ardwick Box Structure

Totem Gymnastics (permanent effect)

St Anne's Roman Catholic Primary School, Carruthers Street (temporary effect)

Approximately 800 residential properties in the vicinity of Old Mill Street, New Islington (temporary effect)

Significant effect added at St Anne's Roman Catholic Primary School, Carruthers Street (temporary effect) (as a result of new HGV traffic effects and existing noise effects).

Different significant effect at approximately 800 residential properties in the vicinity of Old Mill Street, New Islington (temporary effect) (as a result of different noise effects).

Legend		Resources significantly affected during construction	Resources significantly affected during operation	Promoted routes significantly affected during construction
Route in tunnel	Construction traffic route	Land taken or demolitions	In-combination	---
Route on surface	Watercourse	Isolation	Isolation	---
Depot, station, headhouse or portal building	Water body	In-combination	Resources significantly affected during construction and operation	---
Land potentially required during construction	Woodland	Multiple	In-combination	---
Community area boundary			Isolation	---
County boundary				---
District/Borough boundary				---

Map Number: CM-01-326b

Map Name: Significantly Affected Community Resources SES2 and AP2 ES

Community Area MA08: Manchester Piccadilly Station

HS2

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Doc Number: 2PT27-MWJ-EV-MAP-M000-000645-P01

Date: 06/04/23

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