



High Speed Rail (West Midlands - Crewe)

Supplementary Environmental Statement and
Additional Provision Environmental Statement

Volume 5: Technical appendices

Community impact assessment (CM-001-000)



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Additional Provision Environmental Statement
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Community impact assessment (CM-001-000)



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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1 Introduction

- 1.1.1 This document is an appendix that forms part of Volume 5 of the Supplementary Environmental Statement (SES) and Additional Provision Environmental Statement (AP ES).
- 1.1.2 This appendix provides an update to the community impact assessment presented in the High Speed Rail (West Midlands - Crewe) Environmental Statement (ES)¹ published in July 2017 (the main ES), as a result of supplementary environmental information, changes and corrections included within the SES (Part 1); and the amendments included within the AP ES (Part 2). This update should be read in conjunction with Volume 5 Appendices CM-001-001, CM-001-002, CM-001-003, CM-001-004 and CM-001-005 of the main ES.
- 1.1.3 This appendix covers the following community areas (CAs):
- CA1: Fradley to Colton;
 - CA2: Colwich to Yarlet;
 - CA3: Stone and Swynnerton;
 - CA4: Whitmore Heath to Madeley; and
 - CA5: South Cheshire.
- 1.1.4 For each CA, the appendix is structured as follows:
- Part 1: Supplementary Environmental Statement:
 - Community impact assessment record sheets - construction; and
 - Community impact assessment record sheets - operation.
 - Part 2: Additional Provision Environmental Statement:
 - Community impact assessment record sheets - construction; and
 - Community impact assessment record sheets - operation.
- 1.1.5 Where there are no SES or AP changes relevant for community within a CA, the relevant part is omitted.
- 1.1.6 In this report where the scheme is referred to as the 'AP revised scheme', this is the original scheme (i.e. the Bill scheme submitted to Parliament in July 2017, which was assessed in the main ES) as amended by the SES changes and AP amendments.

¹ HS2 Ltd (2017), *High Speed Rail (West Midlands-Crewe) Environmental Statement*, <https://www.gov.uk/government/collections/hs2-phase-2a-environmental-statement>.

2 Fradley to Colton

2.1 Part 1: Supplementary Environmental Statement

Community impact assessment record sheets – construction

Walks in and around Kings Bromley

Table 1: Walks in and around Kings Bromley - Walk 1 community impact assessment record sheet

Resource name	Walking in and around Kings Bromley – Walk 1
Community area	CA1: Fradley to Colton
Resource type:	Promoted public right of way (PRoW)
Resource description/profile	Walk 1 is a 3.75km circular walking route to the south of Kings Bromley. The route passes along lanes and PRoW including Kings Bromley Footpaths 7, 8 and 11.
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	Impact: part of the Walk 1 route will be temporarily closed for approximately two months for works associated with the 400kV National Grid overhead power lines. Duration of impact: approximately two months.
Assessment of magnitude	Low: part of the Walk 1 route will be closed for a short period (less than 6 months).
Relevant receptors	Users of the PRoW.
Assessment of sensitivity of receptor(s) to impact:	Low: Walk 1 is a locally promoted route. There are alternative walking routes around Kings Bromley, including other walks promoted by the Kings Bromley and District Horticultural Society, and there is an extensive PRoW network in the area.
Significance rating of effect	Negligible adverse effect, which is not significant. Users will be unable to use Walk 1 for a short period of time.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect, which is not significant. Users will be unable to use Walk 1 for a short period of time.

Table 2: Walks in and around Kings Bromley - Walk 2 community impact assessment record sheet

Resource name	Walking in and around Kings Bromley – Walk 2
Community area	CA1: Fradley to Colton
Resource type:	Promoted PRoW
Resource description/profile	Walk 2 is a circular walking route south of Kings Bromley and provides both a 5km short course and an 8km long course. The route passes along lanes and PRoW including Kings Bromley Footpath 12, the A515 Lichfield Road, Trent and Mersey Canal towpaths, Kings Bromley Footpath 0.390, and Kings Bromley Bridleway 0.391.
Assessment year:	Construction phase (2020+)

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Impact 1: temporary loss of land	<p>Impact: a temporary diversion of Kings Bromley Footpath 0.390 will be provided for approximately three years, and a temporary diversion of Kings Bromley Footpath 12 will be provided for approximately one year and six months.</p> <p>A small section of Kings Bromley Bridleway 0.391 is within land required for earthing of utilities linked to the works associated with the 400kV National Grid overhead power lines. Part of the Walk 2 (long course) route will be temporarily closed for up to two months while these works are undertaken.</p> <p>Duration of impact: up to three years.</p>
Assessment of magnitude	Low: part of the long course route will be closed for a short period (less than 6 months). Other impacted sections will be diverted and can continue to be used for their intended purpose.
Relevant receptors	Users of the PRow.
Assessment of sensitivity of receptor(s) to impact:	Low: Walk 2 is a locally promoted route. There are alternative walking routes around Kings Bromley, including other walks promoted by the Kings Bromley and District Horticultural Society, and there is an extensive PRow network in the area.
Significance rating of effect	Negligible adverse effect, which is not significant. Users will be unable to use part of the Walk 2 long course route for a short period of time, but access along the short course route will be maintained throughout construction.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect, which is not significant. Users will be unable to use part of the Walk 2 long course route for a short period of time, but access along the short course route will be maintained throughout construction.
Impact 2: permanent loss of land	<p>Impact: the A515 Lichfield Road realignment will be built offline, therefore, alternative access for users of Walk 2 will be maintained at all times either along the existing or proposed road.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Negligible: Walk 2 route will not be closed permanently and can continue to be used for its intended purpose without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRow.
Assessment of sensitivity of receptor(s) to impact:	Low: Walk 2 is a locally promoted route. There are alternative walking routes around Kings Bromley, including other walks promoted by the Kings Bromley and District Horticultural Society, and there is an extensive PRow network in the area.
Significance rating of effect	Negligible adverse effect, which is not significant. Users will be able to continue to use Walk 2.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect, which is not significant. Users will be able to continue to use Walk 2.

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Table 3: Walks in and around Kings Bromley - Walk 3 community impact assessment record sheet

Resource name	Walking in and around Kings Bromley – Walk 3
Community area	CA1: Fradley to Colton
Resource type:	Promoted PRow
Resource description/profile	Walk 3 is a circular walking route south of Kings Bromley, which provides both a 7km short course and a 10km long course. The short course route passes along lanes and PRow including Crawley Lane, Kings Bromley Footpath 0.392(a), Fradley and Streethay Footpath 53 and Alrewas Bridleway 33. The long course route additionally passes along the Trent and Mersey Canal tow path, the A515 Lichfield Road and Kings Bromley Footpath 12.
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	Impact: Kings Bromley Footpath 0.392(a) will be diverted around a borrow pit, located either side of Crawley Lane, for approximately three years. Access along Crawley Lane, Fradley and Streethay Footpath 53 and Alrewas Bridleway 33 will be maintained throughout construction. The Trent and Mersey Canal tow path will remain accessible throughout construction. Kings Bromley Footpath 12 will be temporarily diverted for approximately one year and six months. Duration of impact: up to three years.
Assessment of magnitude	Negligible: the Walk 3 route will not be closed and can continue to be used for its intended purpose without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRow.
Assessment of sensitivity of receptor(s) to impact:	Low: Walk 3 is a locally promoted route. There are alternative walking routes around Kings Bromley, including other walks promoted by the Kings Bromley and District Horticultural Society, and there is an extensive PRow network in the area.
Significance rating of effect	Negligible adverse effect, which is not significant. Users can continue to use Walk 3.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect, which is not significant. Users will be able to continue to use Walk 3.
Impact 2: permanent loss of land	Impact: the A515 Lichfield Road realignment will be built offline, therefore, alternative access for users of Walk 3 will be maintained at all times either along the existing or proposed road. Duration of impact: permanent.
Assessment of magnitude	Negligible: Walk 3 will not be closed and will continue to be used for its intended purpose without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRow.
Assessment of sensitivity of receptor(s) to impact:	Low: Walk 3 is a locally promoted route. There are alternative walking routes around Kings Bromley, including other walks promoted by the Kings Bromley and District Horticultural Society, and there is an extensive PRow network in the area.
Significance rating of effect	Negligible adverse effect, which is not significant. Users will be able to continue to use Walk 3.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect, which is not significant. Users will be able to continue to use Walk 3.

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Table 4: Walks in and around Kings Bromley - Walk 4 community impact assessment record sheet

Resource name	Walking in and around Kings Bromley – Walk 4
Community area	CA1: Fradley to Colton
Resource type:	Promoted PRow
Resource description/profile	Walk 4 is a 10km circular walking route east and south of Kings Bromley, passing Orgreave and Alrewas. It includes Kings Bromley Bridleway 13, Crawley Lane and Kings Bromley Footpath 11.
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	Impact: access along Kings Bromley Bridleway 13 and Crawley Lane will be maintained throughout construction. Part of Kings Bromley Footpath 11 will be temporarily closed for approximately two months for works associated with the 400kV National Grid overhead power lines. Duration of impact: up two months.
Assessment of magnitude	Low: part of the Walk 4 route will be closed for a short period (less than 6 months). Other impacted sections can continue to be used for their intended purpose.
Relevant receptors	Users of the PRow.
Assessment of sensitivity of receptor(s) to impact:	Low: Walk 4 is a locally promoted route. There are alternative walking routes around Kings Bromley, including other walks promoted by the Kings Bromley and District Horticultural Society, and there is an extensive PRow network in the area.
Significance rating of effect	Negligible adverse effect, which is not significant. Users will be unable to use part of Walk 4 route for a short period of time.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect, which is not significant. Users will be unable to use part of the Walk 4 route for a short period of time.

Community impact assessment record sheets – operation

Residential properties at Woodhouse Farm

Table 5: Residential properties at Woodhouse Farm community impact assessment record sheet

Resource name	Residential properties at Woodhouse Farm
Community area	CA1: Fradley to Colton
Resource type:	Residential properties
Resource description/profile	North-east of Pipe Lane, south of Blithbury, there are two existing residential properties – Woodhouse Farm and The Bungalow at Woodhouse Farm. In addition, land at Woodhouse Farm has permission to vary occupancy conditions (through permission 14/00614/FUL), related to permission 10/00581/COU for seven holiday lets, to allow them to become permanent residential properties.
Assessment year:	Operation phase (2026+)

Impact 1: permanent noise and visual effects	<p>Impact: nine residential properties at Woodhouse Farm (including seven permitted through 14/00614/FUL) will be located in proximity to the original scheme at the Pipe Ridware embankment and Blithbury South cutting. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: nine residential properties will experience significant noise effects during the daytime and night-time due to the running of trains along the HS2 route.</p> <p>Visual: significant adverse visual effects will be experienced by residents of all nine properties, who will have close range views of trains running along the Pipe Ridware embankment. This will reduce as planting matures, however, the effect will remain significant.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the nine properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the nine properties as a result of significant noise and visual effects.

Residential properties north and south of Blithbury Road

Table 6: Residential properties north and south of Blithbury Road community impact assessment record sheet

Resource name	Residential properties north and south of Blithbury Road
Community area	CA1: Fradley to Colton
Resource type:	Residential properties
Resource description/profile	North and south of Blithbury Road, close to the junctions with Hadley Gate and Stonyford Lane, there is a cluster of eight residential properties. These are rural detached and semi-detached properties, many of which are linked to the running of farms. In addition there is a committed development for a new barn conversion (16/00753/PND) at Hadley Gate Farm. Two of these existing properties will be demolished during construction of the original scheme, leaving seven remaining properties.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: seven remaining residential properties (including a new barn conversion 16/00753/PND) located north and south of Blithbury Road will be located in proximity to the original scheme along the Blithbury Central cutting. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: six of the seven residential properties will experience a significant increase in noise level during the daytime and night-time due to the running of trains along the HS2 route.</p> <p>Visual: significant adverse visual effects will be experienced at all of the remaining seven residential properties due to close range views of the diverted Hadley Gate Lane, a balancing pond and access road, and mid-range views of the Blithbury central cutting, Blithbury Road realignment and Blithbury Road overbridge.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.

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Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of six residential properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of six residential properties as a result of significant noise and visual effects.

Residential properties in Stockwell Heath and Hamley House

Table 7: Residential properties in Stockwell Heath and Hamley House community impact assessment record sheet

Resource name	Residential properties in Stockwell Heath and Hamley House
Community area	CA1: Fradley to Colton
Resource type:	Residential properties
Resource description/profile	Stockwell Heath is a small rural village located north of Colton with 10 existing residential properties and one proposed barn conversion (16/00462/COU). Stockwell Heath is closely linked with Colton, with the majority of local services for the residents located in Colton. Moor Lane and Newlands Lane link the two villages. Hamley House is located west of Stockwell Heath off Moor Lane and includes three existing and five proposed residential properties (16/01032/PND, 16/01019/FUL, 14/00779/FUL and 14/00690/FUL).
Assessment year:	Operation phase (2027+)
Impact 1: temporary noise and visual impacts	<p>Impact: residential properties in Stockwell Heath, including the proposed barn conversion (16/00462/COU); and at Hamley House (including five proposed properties (16/01032/PND, 16/01019/FUL, 14/00779/FUL and 14/00690/FUL) will be located in proximity to the original scheme along the Stockwell Heath embankment. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: 19 residential properties either side of Moor Lane will experience significant daytime and night-time noise effects due to the running of trains along the HS2 route.</p> <p>Visual: significant adverse visual effects will be experienced at 19 properties due to views of trains running along the HS2 route, including foreground views of the Blithbury North cutting and Stockwell Heath embankment, and overhead line equipment. Views will reduce over time as planting matures, however they will remain significant.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of 19 residential properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.

Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of 19 residential properties as a result of significant noise and visual effects.
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2.2 Part 2: Additional Provision Environmental Statement

Community impact assessment record sheets – construction

Residential properties subject to non-significant land take

Table 8: Residential properties subject to non-significant land take community impact assessment record sheet

Resource name	Area-wide residential properties
Community area	CA1: Fradley to Colton
Resource type	Residential properties
Resource description/profile	Residential properties located close to the HS2 route.
Assessment year	Construction phase (2020+)
Impact 1: temporary loss of land	<p>In addition to the land required for the original scheme, minor utility works (AP-001-104: Additional land for the permanent diversion of BT Openreach overhead telecommunications cable along the A513 Rugeley Road and access road to Echills Farm, and AP-001-105: Additional land for the permanent diversion of BT Openreach overhead telecommunications cable at Quintons Orchard Farm) will require small areas of land from the following residential properties during the construction of the AP revised scheme:</p> <ul style="list-style-type: none"> • the residential property at Echills Farm; and • the residential property at Quintons Orchard. <p>Duration of impact: up to three months.</p>
Assessment of magnitude	Negligible: the temporary loss of these small areas of land will not impact on the ability of the residents to use their properties and access will be maintained to the properties throughout the construction works.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect, which is not significant.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect, which is not significant.

3 Colwich to Yarlet

3.1 Part 1: Supplementary Environmental Statement

Community impact assessment record sheets – construction

Residential properties in Hopton

Table 9: Residential properties in Hopton community impact assessment record sheet

Resource name	Residential properties in Hopton
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Hopton is a small village made up of approximately 160 residences, including approximately 38 residences located within the secure Ministry of Defence (MOD) Stafford Barracks.
Assessment year:	Construction phase (2020+)
Impact 1: temporary noise, visual and HGV effects	<p>Impact: Hopton North cutting will cut between the majority of Hopton and Stafford, and will be located in proximity to approximately 60 residential properties, which will face onto the earthworks for the cutting. A site haul route will also be located to the south of the cutting. The construction of the original scheme will result in the following environmental effects:</p> <p>Noise: approximately 16 residential properties will experience a significant increase in daytime noise level for between four months and one year due to demolitions, utility works, earthworks and concreting works. Approximately six of these properties will also experience vibration impacts, however, these will not be significant.</p> <p>Visual: significant adverse visual effects will be experienced by residents of properties on the edges of Hopton (approximately 60 dwellings) due to views of cranes associated with the construction of the Hopton and Coton footpath overbridge, earthworks associated with the Hopton embankment and Hopton North cutting (particularly movement of materials to large stockpiles), and elevated road works to the west.</p> <p>HGV: significant numbers of HGVs will pass approximately five of the residential properties to the south of the original scheme via the site haul route for up to eight months.</p> <p>Duration: up to one year.</p>
Assessment of magnitude	High: up to three significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 16 properties as a result of significant noise, visual and HGV effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 16 properties as a result of significant noise, visual and HGV effects.

Community impact assessment record sheets – operation

Residential properties in Moreton

Table 10: Residential properties in Moreton community impact assessment record sheet

Resource name	Residential properties in Moreton
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Moreton is a small hamlet located at the northern end of Bishton Lane. It is made up of a number of clusters of residential properties, often linked to farms. Moreton includes a total of 12 residential properties, and is located approximately 1.8km north-east of Little Haywood.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: 12 residential properties will be located in proximity to the HS2 route at the Moreton North embankment and Moreton cutting. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: 12 residential properties will experience significant increases in noise level due to the running of trains along the HS2 route during the daytime and night-time.</p> <p>Visual: significant adverse visual effects will be experienced at all 12 properties due to partial views of trains running along the HS2 route, overhead line equipment and the Moreton auto-transformer station.</p> <p>Duration: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 12 properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 12 properties as a result of significant noise and visual effects.

Residential properties on Marston Lane and Yarlet Lane

Table 11: Residential properties on Marston Lane and Yarlet Lane community impact assessment record sheet

Resource name	Residential properties on Marston Lane and Yarlet Lane
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Marston and Yarlet are small adjoining hamlets made up of approximately 56 residential properties in total, as well as one additional proposed dwelling at Grove Farm (13/18493/FUL).
Assessment year:	Operation phase (2027+)
Impact 1: permanent noise	Impact: residential properties along Marston Lane and Yarlet Lane will be located in proximity to the HS2 route at the Marston South embankment, Marston North embankment and Yarlet

and visual effects	<p>South cutting. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: approximately 28 residential properties on Marston Lane and Yarlet Lane will experience significant increases in noise level due to the running of trains along the HS2 route.</p> <p>Visual: significant adverse visual effects will be experienced at all 28 residential properties on Marston Lane and Yarlet Lane due to views of trains running along the HS2 route at the Marston South embankment, Marston North embankment and to some extent Yarlet South cutting. There will be close range views of planted landscape earthworks. Views will be increasingly filtered by planting as it matures, but views will remain significant.</p> <p>Duration: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 28 properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 28 properties as a result of significant noise and visual effects.

3.2 Part 2: Additional Provision Environmental Statement

Community impact assessment record sheets – construction

Residential properties subject to non-significant land take

Table 12: Residential properties subject to non-significant land take community impact assessment record sheet

Resource name	Area-wide residential properties
Community area	CA2: Colwich to Yarlet
Resource type	Residential properties
Resource description/profile	Residential properties located close to the HS2 route.
Assessment year	Construction phase (2020+)
Impact 1: temporary loss of land	<p>In addition to the land required for the original scheme, minor utility works (AP-002-101: Additional land for the permanent diversion of BT Openreach overhead telecommunications cable along Moreton Lane, and AP-002-103: Additional land for the permanent underground diversion of two BT Openreach telecommunications cables along the A51 Lichfield Road) will require additional small areas of land from the following residential properties during the construction of the AP revised scheme:</p> <ul style="list-style-type: none"> the access to Moreton House Farm, the Farmhouse at Moreton House Farm and Mayfield Children's Home; and Far End, north of Great Haywood. <p>Duration of impact: up to three months.</p>
Assessment of magnitude	Negligible: the temporary loss of these small areas of land will not impact on the ability of the residents to use their properties and access will be maintained to the properties throughout the construction works.

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Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect, which is not significant.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect, which is not significant.

Yarlet School

Table 13: Yarlet School community impact assessment record sheet

Resource name	Yarlet School
Community area	CA2: Colwich to Yarlet
Resource type:	Community
Resource description/profile	Yarlet School is located to the east of the A34 Stone Road, and provides independent education for children aged between two and 13. The school grounds include a chapel and overnight accommodation for part time wrap around care.
Assessment year:	Construction phase (2020+)
Impact 1: temporary noise, visual and HGV effects	<p>Impact: during construction of Yarlet South cutting and the A34 Stone Road overbridge, a small section of outdoor land within the school grounds (approximately 0.4ha) will be temporarily required to allow control of access and traffic and for minor utility works (AP-002-106: Change in Bill powers for the permanent diversion of Cadent gomm low pressure gas main at Yarlet). The construction of the original and AP scheme will result in the following environmental effects:</p> <p>Noise: pupils and staff at the school will experience significant daytime noise effects due to minor utility works within the school grounds for up to one month.</p> <p>Visual: parts of the school close to the A34 Stone Road will have views dominated by the construction of the A34 Stone Road overbridge, which will be opened up through the removal of vegetation along the road. Other areas of the school will have views of the construction of the Yarlet South cutting, and associated satellite compound and transfer nodes to the south. Within the school there will be views of minor utility works.</p> <p>Duration: up to one month.</p>
Assessment of magnitude	Negligible: two significant residual environmental effects, however, these will be short term (up to a month).
Relevant receptors	Students and staff.
Assessment of sensitivity of receptors to impact	High: the pupils and staff will be highly sensitive to impacts.
Significance rating of effect	Minor adverse, not significant in-combination effect due to the short period of change to amenity, character and enjoyment of Yarlet School as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.

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Residual effect significance rating	Minor adverse, not significant in-combination effect due to the short period of change to amenity, character and enjoyment of Yarlet School as a result of significant noise and visual effects.
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4 Stone and Swynnerton

4.1 Part 2: Additional Provision Environmental Statement

Community impact assessment record sheets – construction

Residential properties subject to non-significant land take

Table 14: Residential properties subject to non-significant land take community impact assessment record sheet

Resource name	Area-wide residential properties
Community area	CA3: Stone and Swynnerton
Resource type	Residential properties
Resource description/profile	Residential properties located close to the HS2 route.
Assessment year	Construction phase (2020+)
Impact 1: temporary loss of land	<p>In addition to the land required for the original scheme, minor utility works (AP-003-103: Additional land for the permanent diversion of BT Openreach overhead telecommunications cable along the realigned B5026 Eccleshall Road, and AP-003-109: Additional land for the permanent diversion of Western Power Distribution 11kV overhead lines south of Sandyford Farm) will require an additional small area of land from two residential properties during construction of the AP revised scheme:</p> <ul style="list-style-type: none"> • Micklow House Farm; and • Sandyford Farm. <p>Duration of impact: up to three months.</p>
Assessment of magnitude	Negligible: the temporary loss of these small areas of land will not impact on the ability of the residents to use their properties and access will be maintained to the properties throughout the construction works.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect, which is not significant.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect, which is not significant.

5 Whitmore Heath to Madeley

5.1 Part 1: Supplementary Environmental Statement

Community impact assessment record sheets – construction

Residential properties in Whitmore and Whitmore Heath

Table 15: Residential properties in Whitmore and Whitmore Heath

Resource name	Residential properties in Whitmore and Whitmore Heath
Community area	CA4: Whitmore Heath to Madeley
Resource type:	Residential properties
Resource description/profile	<p>Twenty-five residential properties located in Whitmore and Whitmore Heath comprising:</p> <ul style="list-style-type: none"> • The Hill on the A53 Newcastle Road; • eight properties on Birch Tree Lane and Heath Rise (Mandarin House, Fernridge, Keppelstone, West Ridge, Tanglewood, Woodlands, Misty Heights, White Acre); and • 16 properties on Snape Hall Road (Granary Cottage, Snape Hall Farm, Woodbury, Foxdene, Snape Hall Cottage, Birch Hill, Woodcrest, Greenacre, Greystones, Hawksmoor, Heath House, Heather Hills, Lyndhurst, Rowan House, The Levels, Three Coins).
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant noise and visual effects	<p>Impact: residential properties will be in proximity to works to construct the original scheme including Whitmore Heath tunnel, temporary diversion of the A53 Newcastle Road and the A53 Newcastle Road overbridge. The A53 Newcastle Road and Snape Hall Road will also be used as construction traffic routes. The construction of the original scheme will result in the following environmental effects:</p> <p>Noise:</p> <ul style="list-style-type: none"> • 11 properties (Fernridge, Keppelstone, Mandarin House, West Ridge, Tanglewood, Woodlands, Snape Hall Farm, Woodbury, Foxdene, Snape Hall Cottage, The Hill) will experience significant daytime noise effects for between two years and six months and four years and eight months due to construction works including the construction of the northern porous portal of the Whitmore Heath tunnel and construction traffic; and • 14 properties (Birch Hill, Greenacre, Greystones, Hawksmoor, Heath House, Heather Hills, Lyndhurst, Misty Heights, Rowan House, The Levels, Three Coins, White Acre, Woodcrest, Granary Cottage) will experience significant daytime noise effects for five years and seven months from construction traffic. <p>Visual: significant adverse visual effects will be experienced at all 25 residential properties. Properties within Whitmore Heath will experience views of the construction works including those associated with, Whitmore Heath tunnel and northern porous portal of the Whitmore Heath tunnel, and the presence of construction equipment, material stockpiles and movement of construction vehicles. Residents of properties within Whitmore will experience views of construction of the A53 Newcastle Road overbridge, the A53 Newcastle Road temporary diversion, the southern end of the Whitmore Heath tunnel, the southern porous portal of Whitmore Heath tunnel and the Whitmore Heath tunnel satellite compound.</p> <p>In addition, there will be a significant number of HGVs passing Snape Hall Cottage for one year and nine months due to the presence of site haul routes. However, as this affects fewer than five properties this will not contribute to the significant in-combination effect on the community as a whole.</p> <p>Duration of impact: up to five years and seven months.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.

Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 25 properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 25 properties as a result of significant noise and visual effects.

Residential properties at Moor Hall Farm and Bower End Farm on the A525 Bar Hill Road

Table 16: Residential properties at Moor Hall Farm and Bower End Farm on the A525 Bar Hill Road

Resource name	Residential properties at Moor Hall Farm and Bower End Farm on the A525 Bar Hill Road
Community area	CA4: Whitmore Heath to Madeley
Resource type:	Residential properties
Resource description/profile	Four residential properties located at Moor Hall Farm (Moor Hall Farm, The Paddocks, The Old Barn and Swallow Barn) and one residential property at Bower End Farm on the A525 Bar Hill Road in Madeley.
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant visual and HGV effects	<p>Impact: five residential properties will be in proximity to works to construct the original scheme. To the east of the properties construction works related to Madeley Tunnel and the Madeley Tunnel (south) satellite compound, and the tunnelling facility and logistics area will be in proximity. To the north of Bower End Farm the Madeley Tunnel (north) satellite compound, and the tunnelling facility and logistics area will be in proximity. Bower End Lane will also be upgraded and widened to provide HS2 maintenance access. To the south of Moor Hall Farm, the A525 Bar Hill Road will be realigned. The construction of the original scheme will result in the following environmental effects:</p> <p>Visual: significant adverse visual effects will be experienced at all five of the residential properties due to views of construction works associated with the A525 Bar Hill Road realignment and overbridge, Madeley tunnel, the southern porous portal of Madeley tunnel and the porous portal retaining wall, Bar Hill aqueduct, Madeley cutting, and the presence of the Madeley tunnel (south) satellite compound, tunnelling facility and logistics area, transfer nodes, material stockpiles, construction equipment and movement of construction vehicles.</p> <p>HGV: there will be a significant number of HGVs passing all of the properties for one year and 10 months due to the presence of site haul routes adjacent to the Madeley Tunnel (south) satellite compound and Madeley Tunnel (north) satellite compound.</p> <p>Duration of impact: up one year and 10 months.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the five properties as a result of significant visual and HGV effects.
Proposed mitigation options for significant effects	No mitigation proposed.

Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the five properties as a result of significant visual and HGV effects.
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Residential properties on the A525 Bar Hill Road and Mallard Close

Table 17: Residential properties on A525 Bar Hill Road and Mallard Close community impact assessment record sheet

Resource name	Residential properties on the A525 Bar Hill Road and Mallard Close
Community area	CA4: Whitmore Heath to Madeley
Resource type:	Residential properties
Resource description/profile	<p>Forty-three residential properties located on the A525 Bar Hill Road and Mallard Close to the west of Madeley comprising:</p> <ul style="list-style-type: none"> • 39 properties on the A525 Bar Hill Road (2-66 evens, 86-88, Fairmont, Manor Cottage, Sandfield House); and • four properties on Mallard Close (1-4).
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant noise, visual and HGV effects	<p>Impact: 43 residential properties will be in proximity to works to construct the original scheme. The HS2 route will pass beneath the A525 Bar Hill Road in Madeley cutting before passing into Madeley tunnel through a tunnel portal to the west of Moor Hall Farm. The construction of the original scheme will result in the following environmental effects:</p> <p>Noise: significant noise effects at 43 residential properties in total, comprising:</p> <ul style="list-style-type: none"> • seven properties (60-68 evens; 86 and 88 Bar Hill Road) will experience significant daytime noise effects for between two years and two months and two years and six months due to earthworks, and significant night-time noise effects for up to six months due to tunnelling activity; • 16 properties (28-58 Bar Hill Road evens) will experience significant daytime noise effects for up to nine months from construction works and construction traffic; and • 20 properties (2-18 and 22-26 Bar Hill Road evens, 1-4 Mallard Close, Fairmont, Manor Cottage, Bar Hill House Farm and Sandfield House) will experience significant daytime noise effects for one year and nine months due to construction traffic noise only. <p>Visual: significant adverse visual effects will be experienced at all 43 residential properties due to views of construction works associated with the Madeley Bridleway 1 accommodation green overbridge, A525 Bar Hill Road realignment and overbridge, Madeley cutting, Madeley tunnel and southern porous portal of Madeley tunnel, Bar Hill aqueduct, and the presence of the Madeley tunnel (south) satellite compound, transfer nodes, tunnelling facility and logistics area, earthworks, material stockpiles, construction equipment and movement of construction vehicles.</p> <p>HGV: there will be a significant number of HGVs passing all 43 properties for two years and three months due to the use of the A525 Bar Hill Road as a construction traffic route.</p> <p>Duration of impact: up to two years and six months.</p>
Assessment of magnitude	High: up to three significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 43 properties as a result of significant noise, visual and HGV effects.
Proposed mitigation options for significant	No mitigation proposed.

effects	
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 43 properties as a result of significant noise, visual and HGV effects.

Community impact assessment record sheets – operation

Residential properties on Snape Hall Road

Table 18: Residential properties on Snape Hall Road

Resource name	Residential properties on Snape Hall Road
Community area	CA4: Whitmore Heath to Madeley
Resource type:	Residential properties
Resource description/profile	Six residential properties on Snape Hall Road in Whitmore Heath comprising: Foxdene, Granary Cottage, Snape Hall Cottage, Snape Hall Farm, Woodbury and Woodlands.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: six residential properties will be in proximity to the operation of the original scheme. The HS2 route will pass through Whitmore Heath in tunnel before exiting through a porous portal adjacent to Snape Hall Road and passing through Whitmore Wood in cutting. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: all six residential properties will experience significant daytime and night-time noise effects due to the running of trains along the HS2 route.</p> <p>Visual: significant adverse effects will be experienced at all six residential properties due to views of the operation of the HS2 route as it emerges in cutting from the northern porous portal of the Whitmore Heath tunnel and runs across the eastern valley side through Whitmore Wood. More northerly views will include Lea South embankment as it approaches the River Lea viaduct and West Coast Main Line (WCML) crossing. Mitigation planting will reduce the level of effect as it matures.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects.

Residential properties on the A525 Bar Hill Road and Red Lane

Table 19: Residential properties on the A525 Bar Hill Road and Red Lane

Resource name	Residential properties on the A525 Bar Hill Road and Red Lane
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Community area	CA4: Whitmore Heath to Madeley
Resource type:	Residential properties
Resource description/profile	<p>11 residential properties located on the A525 Bar Hill Road and Red Lane in Madeley comprising:</p> <ul style="list-style-type: none"> • 10 properties on the A525 Bar Hill Road (60-68 evens and 86-88 evens, Bar Hill House Farm, Sandfield House, The Barn House); and • one property on Red Lane (Woodcroft).
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: 11 residential properties will be in proximity to the operation of the original scheme. The HS2 route will pass beneath Red Lane and the A525 Bar Hill Road in cutting before entering Madeley Tunnel through a porous portal near to Moor Hall Farm. The operation of the original scheme will result in the following environmental effects:</p> <p>Noise: all 11 residential properties will experience significant daytime and night-time noise effects due to the running of trains along the HS2 route.</p> <p>Visual: significant adverse visual effects will be experienced at all 11 residential properties due to views of the edge of Madeley cutting, the various structures associated with the southern end of the Madeley tunnel and porous portal, the A525 Bar Hill Road overbridge, the Madeley Bridleway 1 accommodation green overbridge and the Manor Road overbridge. Mitigation planting will reduce the level of effect as it matures.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor(s) to impact:	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 11 properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 11 properties as a result of significant noise and visual effects.

6 South Cheshire

6.1 Part 1: Supplementary Environmental Statement

Community impact assessment record sheets – construction

Residential properties on Den Lane

Table 20: Residential properties on Den Lane

Resource Name	Residential properties on Den Lane
Community area	CA5: South Cheshire
Resource type	Residential properties
Resource description/profile	<p>Eleven residential properties located on Den Lane, north of Wrinehill:</p> <ul style="list-style-type: none"> • six properties at Higher Den Farm (The Owl, The Kestrel, The Lark, The Swallow, The Partridge, Higher Den Farm); and • 1-5 Fog Cottages;
Assessment year	Construction phase (2020+)
Impact 1: temporary significant noise and visual effects	<p>Impact: 11 residential properties will be in proximity to works to construct the original scheme including the WCML modifications, Den Lane underbridge and Den Lane East and West viaducts, Den Lane East and West satellite compounds, Den Lane Welfare satellite compound, and the borrow pit north of Checkley Lane. The construction of the original scheme will result in the following environmental effects:</p> <p>Noise:</p> <ul style="list-style-type: none"> • six residential properties at Higher Den Farm will experience significant daytime noise effects for between nine months and one year and seven months due to general construction works, earthworks and demolition works; and • five residential properties (1-5 Fog Cottages) will experience significant daytime noise effects for four years and five months due to construction traffic. <p>Visual: significant adverse visual effects will be experienced at all 11 residential properties due to views of construction works associated with the WCML modifications, the HS2 route and HS2 spurs, Blakenhall Bridleway 8 accommodation overbridge, Blakenhall cutting satellite compound and Den Lane diversion.</p> <p>Duration of impact: up to four years and five months.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 11 properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the 11 properties as a result of significant noise and visual effects.

6.2 Part 2: Additional Provision Environmental Statement

Community impact assessment record sheets – construction

Residential properties subject to non-significant land take

Table 21: Residential properties subject to non-significant land take community impact assessment record sheet

Resource name	Area-wide residential properties
Community area	CA5: South Cheshire
Resource type	Residential properties
Resource description/profile	Residential properties located close to the HS2 route.
Assessment year	Construction phase (2020+)
Impact 1: temporary loss of land	In addition to the land required for the original scheme, minor utility works (AP-005-105: Additional land for a new temporary Scottish Power Energy Networks power line to Blakenhall cutting satellite compound) will require an additional small area of land from Lower Den Farm during construction of the AP revised scheme. Duration of impact: up to three months.
Assessment of magnitude	Negligible: the temporary loss of these small areas of land will not impact on the ability of the residents to use their properties and access will be maintained to the properties throughout the construction works.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect, which is not significant.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect, which is not significant.

Residential properties in Wychwood Park and Chorlton

Table 22: Residential properties in Wychwood Park and Chorlton

Resource Name	Residential properties in Wychwood Park and Chorlton
Community area	CA5: South Cheshire
Resource type	Residential properties
Resource description/profile	Forty-four residential properties located in Wychwood Park and Chorlton: <ul style="list-style-type: none"> • 17 properties on St Clement's Court (1-12 and 14-18); • seven properties on Freshwater Drive (2-14 evens); • nine properties on Chiltern Close (1-7, 9 and 10); • three properties on Henley Road (6-8);

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	<ul style="list-style-type: none"> • 9 Westwood Close; • Beech House, Waybutt Lane; • The Elms, Waybutt Lane; • Bridge Cottage, Chorlton Lane; • three properties on Hamstead Drive (21, 23 and 25); and • 10 Ferndown Way.
Assessment year	Construction phase (2020+)
Impact 1: temporary significant noise and visual effects	<p>Impact: the residential properties will be in proximity to works to construct the original scheme including the Chorlton North and South embankments, Chorlton viaduct, Chorlton Lane diversion and the creation of landscape bunds along Chorlton Lane and Waybutt Lane. In addition, the properties will be in proximity to minor utility amendments (AP-005-109: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead line along Chorlton Lane and AP-005-108: Additional land for a new temporary Scottish Power Energy Networks power line to Waybutt Lane satellite compound). The construction of the original scheme will result in the following environmental effects:</p> <p>Noise: 34 residential properties will experience significant daytime noise effects for three months and one year and four months due to general construction works.</p> <p>Visual: significant adverse visual effects will be experienced at all 40 residential properties due to views of construction works associated with the HS2 route, the new section of WCML, Chorlton Lane diversion, earthworks and landscape bunds, and the presence of material stockpiles and construction vehicles.</p> <p>In addition, four properties on Chiltern Close (1-4) and two on Henley Road (9 and 10) will experience significant noise effects for up to two months due to a minor utility amendment (AP-005-109: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead line along Chorlton Lane). As this effect will be experienced for a short time (up to one month) it would not be considered significant to the community as a whole. Four properties (on Hamstead Drive) will experience significant noise effects for up to one month due works relating to a minor utility amendment (AP-005-108: Additional land for a new temporary Scottish Power Energy Networks power line to Waybutt Lane satellite compound). As this effect will be experienced for a short time (up to one month) it would not be considered significant to the community as a whole.</p> <p>One of the properties (Bridge Cottage) will experience a significant increase in passing HGVs for two years and 10 months due to the site haul route adjacent to the property, however, as this will affect less than five properties it would not be considered significant to the community as a whole.</p> <p>Duration of impact: up to one year and four months.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of 34 of the properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of 34 of the properties as a result of significant noise and visual effects.

Residential properties on Weston Lane and Larch Avenue, Basford

Table 23: Residential properties on Weston Lane and Larch Avenue, Basford community impact assessment record sheet

Resource Name	Residential properties on Weston Lane and Larch Avenue, Basford
Community area	CA5: South Cheshire
Resource type	Residential properties
Resource description/profile	<p>27 residential properties located in Basford:</p> <ul style="list-style-type: none"> • 12 on Weston Lane (117-137 odds, including 117A); and • 15 on Larch Avenue (2-30, evens).
Assessment year	Construction phase (2020+)
Impact 1: temporary significant noise and visual effects	<p>Impact: the residential properties will be in proximity to works to construct the original scheme including the Basford Cutting main compound, transfer nodes and batching plant. In addition, the properties will be in proximity to a minor utility amendment (AP-005-122: Additional land for a new temporary United Utilities water mains supply and Scottish Power Energy Networks power supply to the Crewe South crossovers satellite compound). The construction of the original scheme will result in the following environmental effects:</p> <p>Noise: 27 residential properties will experience significant daytime noise effects for up to two months due to minor utility amendment (AP-005-121: Additional land for a new temporary United Utilities water mains supply to the Basford cutting main compound and a temporary batching plant located within the compound).</p> <p>Visual: significant adverse visual effects will be experienced by residents of all 27 residential properties due to views of construction works associated with the Basford Cutting main compound, transfer nodes and batching plant.</p> <p>Duration of impact: up to two months.</p>
Assessment of magnitude	Negligible: two significant residual environmental effects, however, these will be short term.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupants are identified as being highly sensitive.
Significance rating of effect	Minor adverse, not significant in-combination effect due to the short period of change to amenity, character and residents' enjoyment of 27 properties in Basford as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse, not significant in-combination effect due to the short period of change to amenity, character and residents' enjoyment of 27 properties in Basford as a result of significant noise and visual effects.

7 References

HS2 Ltd (2017), *High Speed Rail (West Midlands-Crewe) Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2a-environmental-statement>.

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