

High Speed Rail (West Midlands - Crewe)

Environmental Statement

Volume 5: Technical appendices

CA2: Colwich to Yarlet

Community impact assessment (CM-001-002)



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Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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

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1 Introduction

1.1.1 The community Appendices for the Colwich to Yarlet community area (CA2) comprise:

- community impact assessment record sheets for construction (Section 2); and
- community impact assessment record sheets for operation (Section 3).

1.1.2 Maps referred to throughout the community Appendices are contained in the Volume 5: Community Map Book.

2 Community impact assessment record sheets – construction

2.1 Residential properties subject to non-significant land take

Table 1: 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 route of the Proposed Scheme.
Assessment year	Construction phase (2020+)
Impact 1: temporary loss of land	<p>Minor utility works will require small areas of land from the following residential properties during the construction of the Proposed Scheme:</p> <ul style="list-style-type: none"> • Conifers, located on Toldish Lane, north of Great Haywood; • 1 and 4 Hoo Mill Lane, north-west of Great Haywood; • 1 and 5 Park Farm Barns, Park Farm (Stafford); • Wayside, Marston; and • Grove Farm, Hill Top Farm and Yarlet Lodge, Yarlet. <p>Minor road works will require small areas of land for tie in works or construction areas from the following residential properties:</p> <ul style="list-style-type: none"> • Moreton Grange, Moreton Grange Farmhouse, The Barn, The Boskins, Moreton House Farm and The Farm House in Moreton; • Horse Shoes, Bishton Lane; and • Hopton Bank, Hopton. <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 occupiers 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.

2.2 Upper Moreton Farm

Table 2: Upper Moreton Farm community impact assessment record sheet

Resource Name	Upper Moreton Farm
Community Area	CA2: Colwich to Yarlet
Resource type	Community facility
Resource description/profile	<p>Upper Moreton Farm is a Community Interest Company (CIC) that provides care services alongside being a working farm and is part of the Care Farming UK initiative. The farm has a strong focus on supporting people to find employment.</p> <p>The farm includes a classroom which is used for teaching, a therapeutic garden and poly tunnel, a barn used exclusively for woodwork projects, and more traditional farm buildings which house a variety of animals. As well as using their own land, the Farm also uses land (in particular a wildflower meadow) adjacent to their site which belongs to the neighbouring land owner (Lount Farm LWS).</p> <p>The majority of activities take place outside. The surrounding natural environment and tranquillity of the area is an important aspect of the therapeutic value provided by the farm.</p>
Assessment year	Construction phase (2020+)
Impact 1: temporary loss of land	<p>Impact: Approximately 0.2ha at the access road to Upper Moreton Farm will be lost temporarily for the upgrade of the road for access to a balancing pond and additional hedge planting.</p> <p>Duration of impact: approximately one month.</p>
Assessment of magnitude	Negligible: access will be maintained throughout the works and this temporary loss will not impede the use of any areas of Upper Moreton Farm for activities.
Relevant receptors	Users of the community facility.
Assessment of sensitivity of receptors to impact	<p>High: the centre is used by a high proportion of users who are particularly sensitive to change. This includes users with autism, special educational needs, learning disabilities, and mental health needs; school aged children and adults who have been long term unemployed.</p> <p>Users come from across Staffordshire and the urban areas surrounding the county and this is the only facility of this type in the area.</p>
Significance rating of effect	Minor adverse effect which is not significant: users could continue to use Upper Moreton Farm for activities in this area.
Proposed mitigation options for significant effects	No mitigation required.
Residual effect significance rating	Minor adverse effect which is not significant: users could continue to use Upper Moreton Farm for activities in this area.
Impact 2: permanent loss of land	<p>Impact: Approximately 2.9ha of land at the farm will be required permanently for a balancing pond, its access and mitigation planting.</p> <p>This represents a loss of approximately 11% of the farm.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Low: approximately 11% of the farm will be lost permanently, which will limit the areas in which some activities can be undertaken, but will not impede the ability of the farm to carry out the majority of its activities.

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Relevant receptors	Users of the community facility. Regular visits are made to the site every Monday, Tuesday, Thursday and Friday by people with protected characteristics. Currently there are 16 visitors who regularly attend the project once or twice a week. School groups are also regular visitors, particularly Sherbrook Primary and Blackfriars Secondary (both special needs schools). The site is used regularly through Educational Access by local adult learning disability groups Rugeley Voyage and Uttoxeter Voyage. Every Wednesday a health and well-being course is delivered for people who have enduring mental health needs on behalf of Staffordshire County Council. The site also has links to Derby College.
Assessment of sensitivity of receptors to impact	High: the centre is used by a high proportion of users who are particularly sensitive to change. This includes users with autism, special educational needs, learning disabilities, and mental health needs; school aged children and adults who have been long term unemployed. Users come from across Staffordshire and the urban areas surrounding the county and this is the only facility of this type in the area.
Significance rating of effect	Moderate adverse effect which is significant: the permanent loss of approximately 11% of Upper Moreton Farm will impede some activities undertaken by the farm, but will not stop the farm from carrying out its main functions.
Proposed mitigation options for significant effects	HS2 Ltd will work closely with Upper Moreton Farm to identify reasonably practicable measures to mitigate the residual significant effect due to land required for the Proposed Scheme.
Residual effect significance rating	Moderate adverse effect which is significant: the permanent loss of approximately 11% of Upper Moreton Farm will impede some activities undertaken by the farm, but will not stop the farm from carrying out its main functions.
Impact 3: permanent loss of access	Impact: the wildflower meadows at Lount Farm LWS are located completely within the area required for the construction of Moreton Brook viaduct and associated mitigation planting. Use of these for nature walks and ecological training will be completely lost. Lount Farm itself is located in CA1. Duration of impact: permanent.
Assessment of magnitude	Low: access to Lount Farm meadows will be lost permanently, which will limit the areas in which some activities can be undertaken, but will not impede the ability of the farm to carry out the majority of its activities.
Relevant receptors	Users of the community facility. Regular visits are made to the site every Monday, Tuesday, Thursday and Friday by people with protected characteristics. Currently there are 16 visitors who regularly attend the project once or twice a week. School groups are also regular visitors, particularly Sherbrook Primary and Blackfriars Secondary (both special needs schools). The site is used regularly through Educational Access by local adult learning disability groups Rugeley Voyage and Uttoxeter Voyage. Every Wednesday a health and well-being course is delivered for people who have enduring mental health needs on behalf of Staffordshire County Council. The site also has links to Derby College.
Assessment of sensitivity of receptors to impact	High: the centre is used by a high proportion of users who are particularly sensitive to change. This includes users with autism, special educational needs, learning disabilities, and mental health needs; school aged children and adults who have been long term unemployed. Users come from across Staffordshire and the urban areas surrounding the county and this is the only facility of this type in the area. This is the only facility of this type in the area.
Significance rating of effect	Moderate adverse effect which is significant: the permanent loss of access Lount Farm meadows will impede some activities undertaken at Upper Moreton Farm, but will not stop the farm from carrying out its main functions.
Proposed mitigation options for significant effects	HS2 Ltd will work closely with Upper Moreton Farm to identify reasonably practicable measures to mitigate the residual significant effect due to the land required for the Proposed Scheme.
Residual effect significance rating	Moderate adverse effect which is significant: the permanent loss of access to Lount Farm meadows will impede some activities undertaken at Upper Moreton Farm, but will not stop the farm from carrying out its main functions.

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<p>Impact 4: temporary noise and visual effects</p>	<p>Impact: Upper Moreton Farm will be located in proximity to works to construct the Moreton Brook viaduct and Moreton North embankment. In addition Bishton Lane and the access road to the farm will be upgraded to provide access to a balancing pond and mitigation planting which will be located within the farm's land. These works will result in the following environmental effects:</p> <p>Noise: visitors will experience significant daytime noise effects for up to one year and nine months, which may disturb activities within the classroom in particular.</p> <p>Visual: significant adverse effects will be experienced by visitors due to vegetation clearance, the presence of cranes and construction vehicles associated with the Moreton Brook viaduct and Moreton North embankment. Views will however, be partially screened by the rising ground to the west.</p> <p>Duration: approximately one year and nine months.</p>
<p>Assessment of magnitude</p>	<p>Medium: two significant residual environmental effects.</p>
<p>Relevant receptors</p>	<p>Users of the community facility. Regular visits are made to the site every Monday, Tuesday, Thursday and Friday by people with protected characteristics. Currently there are 16 visitors who regularly attend the project once or twice a week. School groups are also regular visitors, particularly Sherbrook Primary and Blackfriars Secondary (both special needs schools). The site is used regularly through Educational Access by local adult learning disability groups Rugeley Voyage and Uttoxeter Voyage. Every Wednesday a health and well-being course is delivered for people who have enduring mental health needs on behalf of Staffordshire County Council. The site also has links to Derby College.</p>
<p>Assessment of sensitivity of receptors to impact</p>	<p>High: the centre is used by a high proportion of users who are particularly sensitive to change. This includes users with autism, special educational needs, learning disabilities, and mental health needs; school aged children and adults who have been long term unemployed.</p> <p>Users come from across Staffordshire and the urban areas surrounding the county and this is the only facility of this type in the area.</p> <p>This is the only facility of this type in the area.</p>
<p>Significance rating of effect</p>	<p>Major adverse significant in-combination effect due to change to amenity, character and users' enjoyment of Upper Moreton Farm as a result of significant noise and visual effects.</p>
<p>Proposed mitigation options for significant effects</p>	<p>No mitigation proposed.</p>
<p>Residual effect significance rating</p>	<p>Major adverse significant in-combination effect due to change to amenity, character and users' enjoyment of Upper Moreton Farm as a result of significant noise and visual effects.</p>

2.3 Residential properties in Moreton

Table 3: Seven residential properties in Moreton community impact assessment record sheet

Resource name	Seven 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 10 residential properties, and is located approximately 1.8km north-east of Little Haywood.
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant noise and visual effects	<p>Impact: the residential properties will be located in proximity to the Moreton North embankment, Moreton North cutting, Colwich Bridleway 23 accommodation overbridge and Moreton auto-transformer station. A site haul route will be provided to the north of Moreton North embankment, and south of Moreton North cutting. These works will result in the following environmental effects:</p> <p>Noise: seven residential properties will experience significant noise effects during the daytime for between four and nine months. The noise effects will result mostly from earthworks, construction of the base for the Moreton auto-transformer station, and the movement of site vehicles.</p> <p>Visual: significant adverse effects will be experienced due to mid-ground views of the construction of Moreton Brook viaduct and Moreton north embankment, with views of the Moreton cutting dominating views in the south-west. The removal of mature trees will open up longer range views of construction, including the movement of material and vehicles. Views from Rosemary Cottage in particular will be dominated by construction at very close range.</p> <p>In addition, a total of four Heavy goods vehicles (HGV) will pass the properties to the south of the Proposed Scheme via the site haul road for up to two years and nine months, but as this is less than five, it does not contribute to the significant community effect.</p> <p>Duration: up to nine 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 occupiers 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.

2.4 Mayfield Children's Home

Table 4: Mayfield Children's Home community impact assessment record sheet

Resource name	Mayfield Children's Home
Community area	CA2: Colwich to Yarlet
Resource type:	Residential/community facility
Resource description/profile	Mayfield Children's Home is located in Moreton, and occupies the Grade II listed Moreton House. It is a specialist residential home for students at Rugeley School located in the Fradley to Colton area (CA1). The home has facilities for up to 23 children aged between five and 19 years old, with 40-50 staff.
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant noise and visual effects	<p>Impact: Mayfield Children's Home will be located directly adjacent to works to construct the Moreton North cutting, with the cutting within 40m of the house at its closest point. Colwich Bridleway 23 accommodation overbridge will also be located near to the home, impacting on their access. These works will result in the following environmental effects:</p> <p>Noise: Mayfield Children's Home will experience significant increases in noise level for approximately three years, which will cause daytime disturbance to residents both internally and in the outside spaces.</p> <p>Visual: significant adverse effects will be experienced due to close range views of construction works in the foreground, including Moreton cutting, Colwich Bridleway 23 accommodation overbridge, which will be more easily visible due to the removal of mature vegetation at Moreton House. Temporary stockpiles and vehicles moving along the site haul roads will also be visible. Views will be worst from upper storey windows, with the garden hedge providing some screening for the ground floor and outside areas, however there will also be views of the construction along the driveway.</p> <p>Duration: up to three years.</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Residents of the home. All of the children are severely autistic, with many also having special behavioural, learning or communication needs.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupiers are identified as being highly sensitive. In particular the children at the home have a limited ability to absorb change.
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.

2.5 Sabrina Way

Table 5: Sabrina Way community impact assessment record sheet

Resource name	Sabrina Way (including Colwich Footpath 22, 23 and Bridleway 35)
Community area	CA2: Colwich to Yarlet
Resource type:	Promoted PRoW
Resource description/profile	<p>The Sabrina Way is a long distance footpath and bridleway that extends north to south for approximately 327km runs from the Claude Duval Bridle route at Great Barrington in Gloucestershire to Hartington in the Derbyshire Peak District.</p> <p>The path forms part of the National Bridleroute Network and runs through five counties. It links bridleways between the Pennines and the Cotswold and The Ridgeway and connects with a number of trails including Staffordshire Way and Two Saints Way</p>
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	<p>Impact: between Moreton Lane and Coley Lane, a section of Sabrina Way (Colwich Bridleway 35) is within land required for the construction of the Moreton cutting.</p> <p>During the construction period, a temporary alternative route for this section of the Sabrina Way will be provided. This is located to the south east of the existing route and will be required for approximately one year and six months. Although re-routed, the Colwich Bridleway will be available for use by bridleway users throughout the construction period.</p> <p>Duration of impact: up to one years and six months.</p>
Assessment of magnitude	Negligible: the footpath will be accessible throughout the construction period. This affected section of Sabrina Way will not be required to close and can continue to be used for its intended purposes without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRoW
Assessment of sensitivity of receptor (s) to impact:	Low: there are several alternative promoted PRoW within walking distance, including Two Saints Way and Stone Circle Challenge.
Significance rating of effect	Negligible adverse effect which is not significant: users could continue to access the Sabrina Way.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant: users could continue to access the Sabrina Way.
Impact 2: permanent loss of land	<p>Impact: Sabrina Way will be crossed by the Moreton cutting between Moreton Lane and Coley Lane. As a result there will be a permanent diversion of Colwich Bridleway 35 via the Colwich Bridleway 35 Accommodation overbridge, closely following the line of the existing PRoW, resulting in only 50m change in distance.</p> <p>Duration of impact: permanent.</p>
Assessment of magnitude	Negligible: the footpath will be accessible throughout the construction and operation period. This affected section of Sabrina Way will not be required to close and can continue to be used for its intended purposes without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRoW
Assessment of sensitivity of receptor (s) to impact:	Low: PRoW survey data showed that Footpath 23 is very infrequently used and there are several alternative promoted PRoW within walking distance, including Two Saints Way and Stone Circle Challenge.

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Significance rating of effect	Negligible adverse, not significant: users could continue to access the Sabrina Way.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse, not significant: users could continue to access the Sabrina Way.

2.6 Residential property north of Coley

Table 6: Residential property north of Coley community impact assessment record sheet

Resource name	Residential property north of Coley
Community area	CA2: Colwich to Yarlet
Resource type:	Residential properties
Resource description/profile	Tithe Barn Farm is a rural residential property located south of Tolldish Lane, linked to the running of the farm of the same name.
Assessment year:	Construction phase (2020+)
Impact 1: permanent loss of land	Tithe Barn Farm is located within land required for the construction and operation of Moreton cutting, and will be demolished and therefore permanently lost. Duration of impact: permanent.
Assessment of magnitude	Negligible: permanent loss of less than five residential units.
Relevant receptors	Residents of the property
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupiers are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.

2.7 Residential properties on Tolldish Lane

Table 7: Residential property north of Tolldish Lane community impact assessment record

Resource name	One residential property located east of the A51 and north of Tolldish Lane
Community area	CA2: Colwich to Yarlet
Resource type:	Residential properties
Resource description/profile	Avondale is a detached property in a semi-rural setting, on the northern edge of Great Haywood, and is located east of the A51 and north of Tolldish Lane.
Assessment year:	Construction phase (2020+)
Impact 1: permanent loss of land	Impact: Avondale is located on land that will be required permanently for the construction and operation of the Trent South embankment and its associated landscape earthworks. Land will also be required for the realignment of Tolldish Lane. This residential property will be demolished and therefore permanently lost Duration of impact: permanent.
Assessment of magnitude	Negligible: permanent loss of less than five residential units.
Relevant receptors	Residents of the property.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupiers are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties is not considered significant to the community as a whole.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties is not considered significant to the community as a whole.

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Table 8: 11 residential properties on Tolldish Lane community impact assessment record sheet

Resource name	11 residential properties on Tolldish Lane
Community area	CA2: Colwich to Yarlet
Resource type:	Residential properties
Resource description/profile	There are 11 residential properties on Tolldish Lane, close to the junction between Tolldish Lane and the A51. The properties are semi-detached homes, in a semi-rural setting on the edge of Great Haywood.
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant noise, visual and HGV effects	<p>Impact: the residential properties will be located in proximity to the Trent South embankment and the A51 Lichfield Road underbridge. A site haul route will be provided to the south of the Trent South embankment, to the rear of the properties on the northern side of Tolldish Lane. A number of material stockpiles are proposed close to the residential properties on the north side of Tolldish Lane. These works will result in the following environmental effects:</p> <p>Noise: 11 residential properties will experience significant increases in noise level between 11 months and one year and six months. The noise effects will result mostly from the establishment of the Trent South embankment satellite compound, earthworks and the movement of construction vehicles along the site haul road.</p> <p>Visual: significant adverse effects will be experienced due to close to mid-range views of the construction works for the Trent South and North embankments, A51 Lichfield Road underbridge, Great Haywood viaduct and temporary stockpiles. Upper floors will have views of the main compound and temporary worker accommodation.</p> <p>HGV: significant numbers of HGVs will pass the six properties on the northern side of Tolldish Lane via the site haul road for up to two years and 10 months.</p> <p>Duration: up to two years and 10 months.</p>
Assessment of magnitude	High: three significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupiers 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, 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 properties as a result of significant noise, visual and HGV effects.

2.8 Great Haywood Marina

Table 9: Great Haywood Marina community impact assessment record sheet

Resource name	Great Haywood Marina
Community area	CA2: Colwich to Yarlet
Resource type:	Recreational facility
Resource description/profile	Great Haywood Marina provides mooring stages for storage of canal boats, and for temporary residential use. The site also includes a convenience store, and an amenity grass area; and a café and farm shop are located near to the entrance to the marina.
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	Impact: approximately 2.5ha of land at Great Haywood Marina will be temporarily required along the eastern edge of the marina for the construction of the Great Haywood viaduct and associated utility works. During construction, the area of amenity grassland to the north of the marina will also be required, with no access available through the construction area. In addition, approximately 20 parking spaces will be lost for land required to construct the Proposed Scheme. The total area of land required is approximately 41% of the overall site, however it does not impact on the number of mooring stages available at the marina. Duration of impact: approximately three years and three months
Assessment of magnitude	Low: the land required in ancillary to the main function of the marina and will not affect visitors using the majority of the recreational resource as intended.
Relevant receptors	Residents of the boats and visitors for recreational trips.
Assessment of sensitivity of receptor (s) to impact:	Low: residents are generally moored at Great Haywood Marina for only short periods of time, for recreational purposes. There are a number of other basins in the area including Kings Bromley Marina, Hoo Mill Basin, Aston Marina, Streethay Wharf, and Kings Orchard Marina.
Significance rating of effect	Negligible adverse effect which is not significant.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant.
Impact 2: permanent loss of land	Impact: small areas of land will be required permanently for the Great Haywood viaduct piers at the northern edge of the site. Access will be available beneath the viaduct to the remaining grass amenity area, which could continue to be used by visitors to the site. All of the parking currently available on site will be returned within the site. Duration of impact: permanent.
Assessment of magnitude	Negligible: the land required is very small, ancillary to the main function of the marina and will not affect visitors using the majority of the recreational resource as intended (including open amenity space).
Relevant receptors	Residents of the boats and visitors for recreational trips.
Assessment of sensitivity of receptor (s) to impact:	Low: residents are generally moored at Great Haywood Marina for only short periods of time, for recreational purposes. There are a number of other basins in the area including Kings Bromley Marina, Hoo Mill Basin, Aston Marina, Streethay Wharf, and Kings Orchard Marina.
Significance rating of effect	Negligible adverse effect which is not significant.

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Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant.

2.9 Ingestre and Little Ingestre

Table 10: Ingestre and Little Ingestre community impact assessment record sheet

Resource name	Ingestre and Little Ingestre
Community area	CA2: Colwich to Yarlet
Resource type:	Community wide
Resource description/profile	<p>Ingestre is a historic village linked to the estate of Ingestre Hall. The settlement includes approximately 32 residential dwellings, as well as:</p> <ul style="list-style-type: none"> • St Mary's Church which holds services twice a month and has a regular congregation of approximately 40 people; • The Stables riding school and B&B; • The Orangery which hosts community events; and • Ingestre Hall Residential Arts Centre, which is owned and managed by Sandwell Council to provide residential arts based programmes for school and community groups (see separate table). <p>Little Ingestre is a small hamlet of 19 residential properties, located approximately 1.2km east of Ingestre. Little Ingestre House Care Home is also located within the hamlet. The home provides residential care for 15 younger adult residents with learning disabilities, or physical disabilities such as cerebral palsy, epilepsy, head/brain injury, Parkinson's Disease, stroke or visual impairments.</p>
Assessment year:	Construction phase (2020+)
Impact 1: community wide isolation	<p>Impact: Ingestre and Little Ingestre are only accessible via Ingestre Park Road. The junction between this road, Hoo Mill Lane, Great Haywood Road and Mill Lane (the only access) will be crossed by the Trent North embankment and the site haul route. Hoo Mill Lane will be realigned away from this junction, to join Ingestre Park Road further north. A temporary roundabout will be put in place at this junction during construction to manage the interactions between construction traffic and residents.</p> <p>The number of construction vehicles navigating this junction will be high and as site vehicles will be slow moving (approximately 10 miles per hour maximum speed) there is likely to be a perceptible but negligible disruption to journeys resulting from a construction vehicle crossing the road.</p> <p>Duration of impact: up to one year and three months.</p>
Assessment of magnitude	Negligible: there is likely to be a perceptible delay/disruption for residents making daily trips out of the village and for people from outside of the village accessing facilities within the village, however this will not be significant in traffic and transport terms.
Relevant receptors	Residents of Ingestre and Little Ingestre and users of the facilities within the villages (The Stables, Ingestre Hall Residential Arts Centre, St Mary's Church, The Orangery).
Assessment of sensitivity of receptor (s) to impact:	High: there are no alternative routes into or out of the settlements, and all day to day services (e.g. schools, shops, employment, and health facilities) are not available with the villages, therefore all daily trips will need to pass through the works area. Facilities in Ingestre include The Stables, which is used on a regular basis (at least weekly) by riding for the disabled groups. Ingestre Arts Centre is used by a high proportion of more vulnerable users (children, particularly from deprived backgrounds/with special needs, a high proportion of young carers) however they access the site infrequently.
Significance rating of effect	Minor adverse, which is not significant.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse, which is not significant.

2.10 Ingestre Park Golf Club

Table 11: Ingestre Park Golf Club community impact assessment record sheet

Resource name	Ingestre Park Golf Club
Community area	CA2: Colwich to Yarlet
Resource type:	Recreation
Resource description/profile	<p>Ingestre Park Golf Club currently has 650 members and a catchment up to 35 miles from the club. The course has 18 holes and is currently a 70/72-par course (men/women). In addition to the course there is a club house which includes a bar, restaurant and a pro-shop. General access is for members, however visitors are able to use the course on Mondays, Tuesdays, Thursday and Fridays.</p> <p>There are five open events a year which are open to members and non-members. The facilities are used for eating events in the club house, which up to 200 people can attend; and occasionally for weddings and wakes. The club house is also used as a bridge club for the local community and can cater for up to 200 people.</p> <p>The golf club is set within a Capability Brown designed landscape, linked to the historic setting of Ingestre Hall. Ingestre Park Golf Club is a well-used resource with a catchment up to 35 miles from the club</p>
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	<p>Impact: approximately 14.9ha of the golf course will be required for the construction of the Trent North embankment and the Brancote South cutting, including areas of landscape earthworks. A further approximately 9.6ha will be isolated from the main club throughout construction. In total this will mean 24.5ha of the golf club will be lost or isolated from the main club house, representing approximately 47% of the golf club. This will mean that seven holes will be removed or isolated from the main club.</p> <p>This loss of land will mean that the club will be unable to function in its current arrangement.</p> <p>Duration of impact: approximately three years</p>
Assessment of magnitude	High: if the club closes it will be permanently lost from the community.
Relevant receptors	Members and visitors of the club.
Assessment of sensitivity of receptor (s) to impact:	Medium: There are many other alternative golf clubs in easy travelling distance, however these alternatives do not have the same qualities and characteristics in terms of the landscape and heritage value.
Significance rating of effect	Major adverse effect which is significant due to the closure of Ingestre Park Golf Club.
Proposed mitigation options for significant effects	HS2 Ltd will continue to engage with Ingestre Park Golf Club to identify reasonably practicable measures to mitigate the residual significant effects identified in this assessment.
Residual effect significance rating	Major adverse effect which is significant due to the closure of Ingestre Park Golf Club.

2.11 Residential property on Hanyards Lane

Table 12: Residential property on Hanyards Lane community impact assessment record sheet

Resource name	Residential property located on Hanyards Lane
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Upper Hanyards Farm, located on Hanyards Lane, is a rural residential property linked with the running of the farm of the same name.
Assessment year:	Construction phase (2020+)
Impact 1: permanently loss of land	Impact: Upper Hanyards Farm is located within the land required for the construction and operation of the Brancote South cutting. The residential property will be demolished and therefore permanently lost. Duration of impact: permanent.
Assessment of magnitude	Negligible: permanent loss of less than five residential units.
Relevant receptors	Residents of the property.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupiers are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.

2.12 Park Farm, Stafford

Table 13: Residential properties at Park Farm, east of Trent Walk community impact assessment record sheet

Resource name	Chase View at Park Farm, Stafford
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Park Farm is a small hamlet made up of seven residential properties based around the original farmhouse and converted outbuilding, and a further dwelling known as Chase View. It is accessible from a private road off the A518 Weston Road known as Trent Walk, east of Staffordshire County Showground.
Assessment year:	Construction phase (2020+)
Impact 1: permanent loss of land	Impact: Chase View is located on land that is permanently required for the construction and operation of the Hopton embankment. The property will be demolished and therefore permanently lost. Duration: permanent
Assessment of magnitude	Negligible: permanent loss of less than five residential units.
Relevant receptors	Residents of the property.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and their occupiers are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect which is not significant: although the loss of the individual property would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.

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Table 14: Six residential properties at Park Farm, Stafford community impact assessment record sheet

Resource name	Six residential properties at Park Farm, Stafford
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Park Farm is a small hamlet made up of seven residential properties based around the original farmhouse and converted outbuilding, and a further dwelling known as Chase View. It is accessible from a private road off the A518 Weston Road known as Trent Walk, east of Staffordshire County Showground.
Assessment year:	Construction phase (2020+)
Impact 1: temporary significant noise, vibration and visual effects	<p>Impact: Six remaining residential properties at Park Farm, Stafford will be located in proximity to works to construct the Hopton embankment and Trent Walk underbridge. These works will result in the following environmental effects:</p> <p>Noise: significant daytime noise effects at six residential properties for between four months and three years due to earthworks, road works and the movement of vehicles along the site haul road.</p> <p>Visual: significant adverse effects will be experienced due to construction works dominating views including large scale earthworks and stockpiles at close range.</p> <p>Duration of impact: up to three years.</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 occupiers 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, vibration 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, vibration and visual effects.

2.13 Staffordshire County Showground

Table 15: Staffordshire County Showground community impact assessment record sheet

Resource name	Staffordshire County Showground
Community area	CA2: Colwich to Yarlet
Resource type:	Recreation
Resource description/profile	<p>Staffordshire County Showground is a multi-purpose venue, comprising five exhibition halls, conference suites, a 600 seat grandstand and caravan and camping facilities for use on show days. There are 60 acres of external exhibition space and car parking facilities.</p> <p>It hosts around 170 events a year, such as a motor show, an animal show, a toy fair and the Staffordshire County Show. An area of car parking linked to Staffordshire County Showground is located to the west of the A518 Weston Road. An area of field and woodland (known as Upper and Lower Berry Hill) is located to the south of the main site and provides camping facilities. A bridge club and a Young Farmers group meet at the Showground on a weekly basis.</p>
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	<p>Impact: works to construct the Hopton South cutting and the A518 Weston Road realignment will require approximately 9.6ha (approximately 22%) of land from the Staffordshire County Showground.</p> <p>The main grandstand, showing areas, offices and function rooms within the site will not be impacted by the Proposed Scheme. The land required will include areas for car parking and a small section of Lower Berry Hill woodland. Some of this car parking area (the area to the west of the A518 Weston Road) is public overspill parking for large events; while the remaining area lost (to the south of the main showing areas, but north of Lower Berry Hill) is predominantly used as a permit area for the parking of vehicles for those exhibiting at events.</p> <p>Visitors to the site will be unable to use these areas during construction, however the majority of the site will continue to function and remain accessible to visitors. The parts of the site that are used regularly by the community for meetings of the Young Farmers Club and Staffordshire Bridge Club will not be impacted, and can continue to function as normal. There will be a negligible impact on these uses.</p> <p>The loss of parking has the potential to partly impair the use of the site for the Staffordshire County Show.</p> <p>Duration of impact: up to two years and nine months</p>
Assessment of magnitude	Low: visitors to the site will no longer be able to use approximately 22% of the Showground for up to two years and nine months, however the majority of the site could continue to function and remain accessible to visitors. This loss will predominantly affect occasional visitors (for the largest events e.g. Staffordshire County Show) and not regular users.
Relevant receptors	Visitors to the Staffordshire County Showground.
Assessment of sensitivity of receptor (s) to impact:	High: events take place frequently at the site, and there is no local alternative for the majority of events; however the majority of visitors are unlikely to regularly (more than monthly) visit the Staffordshire County Showground. There are a small number of users that access particular facilities on site on a more regular basis (e.g. Young Farmers Club and Staffordshire Bridge Club). The Staffordshire County Show only takes place once a year, however is a very important event for the local community, and there are no local alternatives for this event.
Significance rating of effect	Moderate adverse effect which is significant due to the potential impact on the Staffordshire County Show due to the loss of 22% of the land for up to two years and nine months.
Proposed mitigation options for significant effects	HS2 Ltd will continue to engage with Staffordshire County Showground to identify reasonably practicable measures to mitigate the effects identified in this assessment for larger events.
Residual effect significance rating	Moderate adverse effect which is significant due to the potential impact on the Staffordshire County Show due to the loss of 22% of the land for up to two years and nine months.

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<p>Impact 2: permanent loss of land</p>	<p>Impact: approximately 5.4ha of land at Staffordshire County Showground will be permanently required for the construction and operation of the Hopton South cutting and a very small section of Hopton embankment (approximately 12% of the total site).</p> <p>This area of land permanently required includes part of an area of parking west of the A518 Weston Road. A new access road around the site will be provided to maintain access to the remaining area of car park.</p> <p>The woodland area at the south of the site (known as Lower Berry Hill) will be severed from the main site by the Hopton South cutting and Hopton embankment, although access will be maintained throughout construction and operation. This area is used for education and training activities.</p> <p>The majority of the site (including the grandstands, offices, showing areas etc.) will not be impacted. The parts of the site that are used regularly by the community for meetings of the Young Farmers Club and Staffordshire Bridge Club will not be impacted, and can continue to function as normal.</p> <p>Duration of impact: permanent.</p>
<p>Assessment of magnitude</p>	<p>Low: visitors to the site will no longer be able to use approximately 11% of the site, however the majority of the site could continue to function and remain accessible to visitors. This loss will predominantly affect occasional visitors (for the largest events e.g. Staffordshire County Show) and not regular users.</p>
<p>Relevant receptors</p>	<p>Visitors to the Staffordshire Showground.</p>
<p>Assessment of sensitivity of receptor (s) to impact:</p>	<p>High: events take place frequently at the site, and there is no local alternative for the majority of events; however the majority of visitors are unlikely to regularly (more than monthly) visit the Staffordshire Showground. There are a small number of users that access particular facilities on site on a more regular basis (e.g. Young Farmers Club and Staffordshire Bridge Club). The Staffordshire County Show only takes place once a year, however is a very important event for the local community, and there are no local alternatives for this event.</p>
<p>Significance rating of effect</p>	<p>Moderate adverse effect which is significant due to the potential impact on the Staffordshire County Show due to the permanent loss of 5.5ha of land at Staffordshire County Showground.</p>
<p>Proposed mitigation options for significant effects</p>	<p>HS2 Ltd will continue to engage with Staffordshire Showground to identify reasonably practicable measures to mitigate the effects identified in this assessment for larger events.</p>
<p>Residual significance rating</p>	<p>Moderate adverse effect which is significant due to the potential impact on the Staffordshire County Show due to the permanent loss of 5.5ha of land at Staffordshire County Showground.</p>

2.14 St John's School to Beacon Hill and Hopton Pools Doorstep Walk

Table 16: St John's School to Beacon Hill and Hopton Pools Doorstep Walk community impact assessment record sheet

Resource name	St John's School to Beacon Hill and Hopton Pools Doorstep Walk (Including Hopton and Coton Footpath 23, 6 and 7)
Community area	CA2: Colwich to Yarlet
Resource type:	PRoW
Resource description/profile	St John's School to Beacon Hill and Hopton Pools Doorstep Walk is a 7.2km circular walk, commencing in Stafford, passing the Technology Park, Beacon Hill, towards Hopton Pools before heading south back towards Beacon Hill.
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	Impact: during construction the Doorstep Walk (Hopton and Coton Footpath 7) will be located to the northern edge of mitigation planting works. During the construction of the Hopton South cutting the Doorstep Walk will be diverted temporarily along the Hopton and Coton Footpath 6 temporary diversion and the Hopton and Coton Footpath 24 accommodation overbridge. Duration of impact: approximately one year and nine months.
Assessment of magnitude	Negligible: the footpath will be accessible throughout the construction. This affected section of St John's School to Beacon Hill and Hopton Pools Doorstep Walk will not be required to close and can continue to be used for its intended purposes without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRoW.
Assessment of sensitivity of receptor (s) to impact:	Low: there are several alternative promoted PRoW within walking distance, including Two Saints Way, Sabrina Way and Stone Circle Challenge.
Significance rating of effect	Negligible adverse effect which is not significant: users could continue to use St John's School to Beacon Hill and Hopton Pools Doorstep Walk.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant: users could continue to use St John's School to Beacon Hill and Hopton Pools Doorstep Walk.
Impact 2: permanent loss of land	Impact: The footpath will be permanently diverted to cross the Hopton cutting. The Two Saints Way will be diverted the Hopton and Coton Footpath 6 diversion and the Hopton and Coton Footpath 24 accommodation overbridge. This will increase the route by approximately 630m.
Assessment of magnitude	Negligible: the footpath will be accessible throughout the construction and operation period. This affected section of St John's School to Beacon Hill and Hopton Pools Doorstep Walk will not be required to close and can continue to be used for its intended purposes without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRoW
Assessment of sensitivity of receptor (s) to impact:	Low: there are several alternative promoted PRoW within walking distance, including Two Saints Way, Sabrina Way and Stone Circle Challenge.
Significance rating of effect	Negligible adverse effect which is not significant: users could continue to use St John's School to Beacon Hill and Hopton Pools Doorstep Walk.

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Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant: users could continue to use St John's School to Beacon Hill and Hopton Pools Doorstep Walk.

2.15 Two Saints Way

Table 17: Two Saints Way community impact assessment records sheet

Resource name	Two Saints Way
Community area	CA2: Colwich to Yarlet
Resource type:	Promoted PRoW
Resource description/profile	Two Saints Way (including Kings Drive, and Hopton and Coton Footpaths 1 and 6) is a re-created pilgrimage route of approximately 150km which spans between Chester in Cheshire and Lichfield in Staffordshire. The route partly follows the Heart of England Way. It passes the town of Stone and crosses the Cannock Chase AONB.
Assessment year:	Construction phase (2020+)
Impact 1: temporary diversion	Impact: the footpath will be temporarily diverted for the construction of the Hopton South cutting, with associated landscape earthworks, mitigation planting and temporary construction stockpiles. The Two Saints Way will be diverted temporarily along the Hopton and Coton Footpath 6 temporary diversion and the Hopton and Coton Footpath 24 accommodation overbridge. Duration of impact: approximately one year and nine months.
Assessment of magnitude	Negligible: the footpath will be accessible throughout the construction and operation period. The affected section of Two Saints Way will not be required to close and can continue to be used for its intended purposes without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRoW.
Assessment of sensitivity of receptor (s) to impact:	Low: there are several alternative promoted PRoW within walking distance, including Stone Circle Challenge and Sabrina Way.
Significance rating of effect	Negligible adverse, not significant: users could continue to access the Two Saints Way.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant: users could continue to access the Two Saints Way.
Impact 2: permanent diversion	Impact: the footpath will be permanently diverted to cross the Hopton cutting. The Two Saints Way will be diverted the Hopton and Coton Footpath 6 diversion and the Hopton and Coton Footpath 24 accommodation overbridge. This will increase the route by approximately 630m. Duration of impact: permanent.
Assessment of magnitude	Negligible: the footpath will be accessible throughout the construction and operation period. This affected section of Two Saints Way will not be required to close and can continue to be used for its intended purposes without any significant inconvenience or detriment to the users.
Relevant receptors	Users of the PRoW.
Assessment of sensitivity of receptor (s) to impact:	Low: there are several alternative promoted PRoW within walking distance, including Stone Circle Challenge and Sabrina Way.
Significance rating of effect	Negligible adverse, not significant: users could continue to access the Two Saints Way.
Proposed mitigation options for significant effects	No mitigation proposed.

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Residual effect significance rating	Negligible adverse, not significant: users could continue to access the Two Saints Way.
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2.16 Residential properties in Hopton

Table 18: Nine residential properties in Hopton community impact assessment record sheet

Resource name	Residential properties located 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 which are located within the secure MOD Stafford Barracks.
Assessment year:	Construction phase (2020+)
Impact 1: permanent loss of land	Impact: nine residential properties are located within the land required permanently for the construction and operation of the Hopton North cutting, the diversion of Hopton Lane and the associated mitigation planting. The group includes 1 Mount Edge, 1 Bank Cottages, Lower Bridge Farm, Long Meadow Cottage, The Mount, and 1- 4 Mount Farm Barns. The buildings will be demolished and permanently removed. Duration of impact: permanent
Assessment of magnitude	High: nine residential properties will be lost permanently. The properties make up approximately 10% of the open market housing stock in the village.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor (s) to impact:	High: all residential property and the occupiers are identified as being highly sensitive.
Significance rating of effect	Major adverse effect which is significant: the properties will be lost permanently, and their loss will have a significant impact on the community as a whole.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Major adverse effect which is significant: the properties will be lost permanently, and their loss will have a significant impact on the community as a whole.

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Table 19: Up to 11 residential properties located in Hopton community impact assessment record sheet

Resource name	Approximately 11 residential properties located 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 which are located within the secure MOD Stafford Barracks.
Assessment year:	Construction phase (2020+)
Impact 1: temporary noise, visual and HGV effects	<p>Impact: the 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. These works will result in the following environmental effects:</p> <p>Noise: approximately 11 residential properties will experience significant increase in daytime 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 effects will be experienced by residential properties on the edges of Hopton (approximately 60) due to views of cranes associated with the construction of the Hopton and Coton footpath overbridge, earthworks associated with the Hopton embankment and cutting (particularly movement of materials to large stockpiles), and elevated road works to the west.</p> <p>HGV: significant numbers of HGVs will pass the approximately five residential properties to the south of the Proposed Scheme via the site haul road 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 occupiers 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, 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 properties as a result of significant noise, visual and HGV effects.

2.17 Stone Circles Challenge

Table 20: Stone Circles Challenge community impact assessment record sheet

Resource name	Stone Circle Challenge (including Hopton and Coton footpaths 11, 14 and 16; Hopton and Coton bridleway 12; Marston footpaths 1 and 9; Marston bridleway 8; and part of Marston Lane)
Community area	CA2: Colwich to Yarlet
Resource type:	Promoted PRow
Resource description/profile	Stones Circle Challenge is a 53km circular route around Stone, which starts at Yarnfield and passes through the villages of Swynnerton, Beech, Tittensor, Barlaston, Moddershall, Fulford, Milwich, Hartley Green, Salt, Hopton, Whitgreave and Norton Bridge.
Assessment year:	Construction phase (2020+)
Impact 1: temporary loss of land	<p>Impact: a small section of the footpath as it crosses the existing Sandon Road will be required to be temporarily closed during the construction of the B5066 Sandon Road diversion. A temporary diversion of the footpath will be provided to the north of the existing route while works to tie in the new road to the Stone Circle Challenge route take place.</p> <p>At Hopton and Coton Bridleway 12, 11 and 16, the Stone Circles Challenge is located within the land required for the construction of the Hopton North cutting and the Hopton and Coton Bridleway 12 diversion. A temporary diversion will be in place via the Hopton and Coton Bridleway 12 permanent diversion, the Hopton and Coton Bridleway 11 temporary diversion (east of the existing Bridleway 11), and the Hopton and Coton Bridleway 16 temporary diversion (south of the existing Bridleway 16).</p> <p>In Marston, the Stone Circles Challenge uses Marston Bridleway 8, Marston Lane and Marston Footpath 9. Here, the Stone Circles Challenge will be located in land required for the Marston South embankment and so will be temporarily diverted along the Marston Bridleway 8 temporary diversion and the Marston Lane realignment will be provided.</p> <p>Duration of impact: up to one year, depending on the part of the Stone Circles Challenge that will be crossed.</p>
Assessment of magnitude	Negligible: the resource 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: there are several alternative promoted PRow within walking distance, including Two Saints Way and Sabrina Way.
Significance rating of effect	Negligible adverse effect which is not significant: users could continue to access the Stone Circle Challenge.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant: users could continue to access the Stone Circle Challenge.
Impact 2: permanent loss of land	<p>Impact: at Hopton and Coton Bridleway 12, 11 and 16, the Stone Circles Challenge is located within the land required permanently for the Hopton North cutting and the Hopton and Coton Bridleway 12 diversion. A permanent diversion will be in place via the Hopton and Coton Bridleway 12 permanent diversion, the Hopton and Coton Bridleway 11 accommodation overbridge and the Hopton and Coton Bridleway 16 permanent diversion.</p> <p>In Marston, the Stone Circles Challenge will be located in land required permanently for the Marston South embankment. The route will be permanently diverted via the Marston Bridleway 8 accommodation overbridge and the Marston Lane realignment.</p> <p>Duration: permanent.</p>

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Assessment of magnitude	Negligible: the resource is not 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: there are several alternative promoted PRow within walking distance, including Two Saints Way and Sabrina Way.
Significance rating of effect	Negligible adverse effect which is not significant: users could continue to access the Stone Circle Challenge.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Negligible adverse effect which is not significant: users could continue to access the Stone Circle Challenge.

2.18 Proposed residential properties at Policy Stafford North 2 – Housing

Table 21: Proposed residential properties at Policy Stafford North 2 Housing community impact assessment record sheet

Resource name	Proposed residential properties at Policy Stafford North 2 – Housing
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	<p>Stafford is the county town of Staffordshire, and is allocated for substantial growth within the latest local plan. North-east of Stafford, close to Hopton there is an allocation for approximately 3,100 homes. Part of this site will not be able to be developed due to the route of the Proposed Scheme, but it is assumed that the remaining allocation can be built, which will result in new residential properties close to the Proposed Scheme, around New Buildings Cottage.</p> <p>Currently there is limited information regarding the massing, use and layout of this development available.</p>
Assessment year:	Construction phase (2020+)
Impact 1: temporary visual HGV and noise effects	<p>Impact: the Hopton North cutting and Marston South embankment will be located in proximity to the proposed residential properties at Policy Stafford North 2 – Housing. A site haul route will also be located to the south of the cutting and embankment. These works will result in the following environmental effects:</p> <p>Visual: significant adverse effects will be experienced by proposed residential properties on the edges of the proposed development due to views of the construction of the Hopton North cutting across the full width of the view. Temporary material stockpiles will be visible, breaking into the skyline.</p> <p>HGV: significant numbers of HGVs will pass the proposed residential properties to the south of the Proposed Scheme via the site haul road for up to eight months.</p> <p>Noise: It is likely that the properties will be subject to construction noise effects, however currently there is insufficient information regarding the building configurations, use and layout of this development, and it is not possible to assess the durations of this impact.</p> <p>Duration: up to eight months.</p>
Assessment of magnitude	High: three significant residual environmental effects.
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptors to impact	High: residential properties and their occupiers 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 visual and HGV effects.
Proposed mitigation options for significant effects	HS2 Ltd will seek opportunities to work with developers and the local authority to identify appropriate mitigation.
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 visual and HGV effects.

2.19 Residential properties in Marston and Yarlet

Table 22: Two residential properties in Marston and Yarlet community impact assessment record sheet

Resource name	Two residential properties in Marston and Yarlet
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Marston and Yarlet are small adjoining hamlets made up of approximately 56 residences in total, as well as one additional proposed dwelling at Grove Farm (13/18493/FUL).
Assessment year:	Construction phase (2020+)
Impact 1: permanent loss of land	Two residential properties at Middle Bank Farm, located to the west of the A34 Stone Road are located within the land that will be required permanently for the construction and operation of the Yarlet South cutting, the Yarlet auto-transformer station and its access, and A34 Stone Road widening (including the temporary diversion) The properties will be demolished and therefore permanently lost.
Assessment of magnitude	Negligible: permanent loss of less than five residential units or less
Relevant receptors	Residents of the properties.
Assessment of sensitivity of receptor (s) to impact:	High: residential properties and the occupiers are identified as being highly sensitive.
Significance rating of effect	Minor adverse effect which is not significant: although the loss of the properties would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.
Proposed mitigation options for significant effects	No mitigation proposed.
Residual effect significance rating	Minor adverse effect which is not significant: although the loss of the properties would be significant to the residents of that property, the loss of less than five residential properties would not be considered significant to the community as a whole.

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Table 23: Approximately 11 residential properties on Marston Lane community impact assessment record sheet

Resource name	Approximately 11 residential properties on Marston 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 residences in total, as well as one additional proposed dwelling at Grove Farm (13/18493/FUL).
Assessment year:	Construction phase (2020+)
Impact 1: temporary noise, visual and HGV effects	<p>Impact: the residential properties along Marston Lane will be located in proximity to the construction of the Marston South embankment and Marston Lane realignment; including works to construct two balancing ponds and the presence of Marston South embankment satellite compound. A site haul route will also be located to the south of the embankment. These works will result in the following environmental effects:</p> <p>Noise: approximately 11 residential properties will experience significant daytime noise effects due to site establishment, demolition, earthworks and the movement of vehicles along the site haul route for between two months to one year and six months.</p> <p>Visual: significant adverse effects will be experienced by the residential properties due to close up views of construction activity associated with the Marston South embankment, particularly earthworks and the Marston Lane realignment. The site haul road and use of the realigned Marston Lane for construction traffic will increase movement within views.</p> <p>HGV: significant numbers of HGVs will pass the properties to the south of the Proposed Scheme via the site haul road for up to nine months.</p> <p>Duration of impact: up to one year 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 occupiers 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, 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 properties as a result of significant noise, visual and HGV effects.

2.20 Yarlet School

Table 24: 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 loss of land	<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 from the temporary road alignment until the A34 Stone Road overbridge is completed, including utility works.</p> <p>In addition, a small area of an informal playing area belonging to the school will be required for approximately one month for utility works.</p> <p>Duration of impact: approximately two years.</p>
Assessment of magnitude	Negligible: access will be maintained throughout the works, there will be no work or site traffic within the school's land and this temporary loss will not impede the use of the school for teaching activities.
Relevant receptors	Staff and pupils of Yarlet School
Assessment of sensitivity of receptor (s) to impact:	High: the pupils and staff will be highly sensitive to the temporary loss of land.
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 Community impact assessment record sheets – operation

3.1 Upper Moreton Farm

Table 25: Upper Moreton Farm community impact assessment record sheet

Resource name	Upper Moreton Farm
Community area	CA2: Colwich to Yarlet
Resource type:	Community facility
Resource description/profile	<p>Upper Moreton Farm is a Community Interest Company (CIC) that provides care services alongside being a working farm and is part of the Care Farming UK initiative. The farm has a strong focus on supporting people to get into jobs.</p> <p>The farm includes a classroom which is used for teaching, a therapeutic garden and poly tunnel, a barn used exclusively for woodwork projects, and more traditional farm buildings which house a variety of animals. As well as using their own land, the Farm also uses land (in particular a wildflower meadow) adjacent to their site which belongs to the neighbouring land owner (Lount Farm).</p> <p>The majority of activities take place outside. The surrounding natural environment and tranquillity of the area is an important aspect of the therapeutic value provided by the farm.</p>
Assessment year:	Operation phase (2027+)
Impact 1: permanent noise and visual effects	<p>Impact: Upper Moreton Farm will be located in proximity to the route of the Proposed Scheme at the Moreton Brook viaduct and Moreton North embankment. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: visitors will experience significant daytime noise effects which may disturb activities within the classroom and the outside teaching areas.</p> <p>Visual: significant adverse effects will be experienced by visitors due to views of trains running along the route of the Proposed Scheme at the Moreton Brook viaduct and Moreton North embankment, introducing movement into the views. Views of Moreton Brook viaduct will be partially screened by intervening vegetation, and as the mitigation planting matures more of the view will be screen, however effects will remain significant.</p> <p>Duration: permanent</p>
Assessment of magnitude	Medium: two significant residual environmental effects.
Relevant receptors	Users of the community facility. Regular visits are made to the site every Monday, Tuesday, Thursday and Friday by people with protected characteristics. Currently there are 16 visitors who regularly attend the project once or twice a week. School groups are also regular visitors, particularly Sherbrook Primary and Blackfriars Secondary (both special needs schools). The site is used regularly through Educational Access by local adult learning disability groups Rugeley Voyage and Uttoxeter Voyage. Every Wednesday a health and well-being course is delivered for people who have enduring mental health needs on behalf of Staffordshire County Council. The site also has links to Derby College.
Assessment of sensitivity of receptor (s) to impact:	<p>High: the centre is used by a high proportion of users who are particularly sensitive to change. This includes users with autism, special educational needs, learning disabilities, and mental health needs; school aged children and adults who have been long term unemployed.</p> <p>Users come from across Staffordshire and the urban areas surrounding the county and this is the only facility of this type in the area.</p> <p>This is the only facility of this type in the area.</p>
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and users' enjoyment of Upper Moreton Farm as a result of significant noise and visual effects.

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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 users' enjoyment of Upper Moreton Farm as a result of significant noise and visual effects.

3.2 Residential properties in Moreton

Table 26: 10 residential properties in Moreton community impact assessment record sheet

Resource name	10 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 10 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: 10 residential properties will be located in proximity to the route of the Proposed Scheme at the Moreton North embankment and Moreton North cutting. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: 10 residential properties will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme during the daytime and night-time.</p> <p>Visual: significant adverse effects will be experienced due to partial views of trains running along the route of the Proposed Scheme, 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 occupiers 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.

3.3 Mayfield Children's Home

Table 27: Mayfield Children's Home community impact assessment record sheet

Resource name	Mayfield Children's Home
Community area	CA2: Colwich to Yarlet
Resource type:	Residential/community facility
Resource description/profile	Mayfield Children's Home is located in Moreton, and occupies the Grade II listed Moreton House. It is a specialist residential home for students at Rugeley School located in the Fradley to Colton area (CA1). The home has facilities for up to 23 children aged between five and 19 years old, with 40-50 staff.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: Mayfield Children's Home will be located in proximity to the route of the Proposed Scheme at the Moreton North cutting. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: Mayfield Children's Home will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme. This will lead to activity disturbance and sleep disturbance of residents.</p> <p>Visual: significant adverse effects will be experienced due to close up views of trains running along the route of the Proposed Scheme along the Moreton cutting, including overhead line equipment. The operation of the Proposed Scheme will be visible from both ground and upper floor windows, however as planting matures it will partially screen views to the west.</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 occupiers are identified as being highly sensitive. In particular the children at the home have a limited ability to absorb change.
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.

3.4 Residential properties at the junction of Tolldish Lane and Moreton Lane

Table 28: Residential properties at the junction of Tolldish Lane and Moreton Lane community impact assessment record sheet

Resource name	Seven residential properties at the junction of Tolldish Lane and Moreton Lane
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	There are seven residential properties on the corner where Tolldish Lane meets Moreton Lane, approximately 1.0km north-east of Great Haywood.
Assessment year:	Operation phase (2027+)
Impact 1: temporary significant noise and visual effects	<p>Impact: the residential properties will be located in proximity to the Trent South embankment. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: seven residential properties will experience significant increases in daytime and night-time noise levels due to the running of trains along the route of the Proposed Scheme.</p> <p>Visual: significant adverse effects will be experienced due to mid-ground views of trains running along the route of the Proposed Scheme at the Trent South and Trent North embankments, and the Great Haywood viaduct. Noise fence barriers will partially screen the movement of trains within the view, but along with overhead line equipment will extend the height and visibility of the structures in the view.</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 occupiers 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.

3.5 Residential properties north of Great Haywood

Table 29: Residential properties north of Great Haywood community impact assessment record sheet

Resource name	Five residential properties north of Great Haywood
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	There are five residential properties on Hoo Mill Lane, west of the River Trent; and two on Ingestre Park Road at Lionlodge Covert.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: the residential properties will be located in proximity to the River Trent viaduct and Trent North embankment. These works will result in the following environmental effects:</p> <p>Noise: seven residential properties will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme.</p> <p>Visual: significant adverse effects will be experienced due to views of trains running along the route of the Proposed Scheme from four residential properties on Hoo Mill Lane, and the southern-most property at Lionlodge Covert, which has a view out across a clearing in the trees (five properties in total).</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 occupiers 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.

3.6 Park Farm, Stafford

Table 30: Six residential properties at Park Farm, Stafford community impact record sheet

Resource name	Six residential properties at Park Farm, Stafford
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	Park Farm is a small hamlet made up of seven residential properties based around the original farmhouse and converted outbuilding, and a further dwelling known as Chase View. It is accessible from a private road off the A518 Weston Road known as Trent Walk, east of Staffordshire County Showground.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise, vibration and visual effects	<p>Impact: six remaining residential properties at Park Farm, Stafford will be located immediately adjacent to the Proposed Scheme at the Hopton embankment. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: six residential properties will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme.</p> <p>Vibration: six of the residential properties will experience significant increases in vibration due to the running of trains along the route of the Proposed Scheme.</p> <p>Visual: significant adverse effects will be experienced due to extremely close views of the Hopton embankment, including train movements, overhead line equipment and noise fence barriers at close range from the southern properties. The properties further north in the cluster will gain more benefits of filtered views by the mitigation planting as it matures, however visual effects will remain significant.</p> <p>Duration of impact: permanent</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 occupiers 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, vibration 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, vibration and visual effects.

3.7 Residential properties in Hopton

Table 31: Approximately 60 residential properties in Hopton community impact assessment record sheet

Resource name	Approximately 60 residential properties located 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 which are located within the secure MOD Stafford Barracks.
Assessment year:	Operation phase (2027+)
Impact 1: permanent significant noise and visual effects	<p>Impact: residential properties in Hopton will be located in proximity to the route of the Proposed Scheme at the Hopton North cutting. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: approximately 77 residential properties on Battle Ridge, Kings Drive, Lower Lane, Wilmore Hill Lane, Hopton Hall Lane and Hopton Lane will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme. In addition approximately 22 residential properties on Mount Edge, Spode Avenue and Ridgeway will also experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme.</p> <p>Visual: significant adverse effects will be experienced by residential properties on the edges of Hopton (approximately 60) due to close up views of overhead line equipment and noise barriers in particular associated with the route of the Proposed Scheme at the Hopton North cutting, and views of vehicles passing along the new road network to the west of Hopton. Mitigation planting will filter views (particularly from the north) as it matures, however visual effects 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 occupiers 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.

3.8 Proposed residential properties at Policy Stafford North 2 – Housing

Table 32: Proposed residential properties at Policy Stafford North 2 – Housing community impact assessment record sheet

Resource name	Proposed residential properties at Policy Stafford North 2 – Housing
Community area	CA2: Colwich to Yarlet
Resource type:	Residential
Resource description/profile	<p>Stafford is the county town of Staffordshire, and is allocated for substantial growth within the latest local plan. North-east of Stafford, close to Hopton there is an allocation for approximately 3,100 homes. Part of this site will not be able to be developed due to the route of the Proposed Scheme, but it is assumed that the remaining allocation can be built, which will result in new residential properties close to the Proposed Scheme, around New Buildings Cottage.</p> <p>Currently there is limited information regarding the massing, use and layout of this development available.</p>
Assessment year:	Operation phase (2027+)
Impact 1: temporary noise and visual effects	<p>Impact: the closest proposed residential properties will be located in proximity to the route of the Proposed Scheme at the Hopton North cutting and Marston South embankment. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: it is likely that the closest residential properties will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme.</p> <p>Visual: significant adverse effects will be experienced by proposed residential properties on the edges of the proposed development due to mid-ground views of the Hopton North cutting. Overhead line equipment and train movements will be visible in the skyline. Mitigation planting will mature over time to reduce visual impacts so that they are no longer 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 receptors to impact	High: residential properties and their occupiers 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	HS2 Ltd will seek opportunities to work with developers and the local authority to identify appropriate mitigation.
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.

3.9 Residential properties in Marston and Yarlet

Table 33: Approximately 30 residential properties on Marston Lane and Yarlet Lane community impact assessment record sheet

Resource name	Approximately 30 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 residences in total, as well as one additional proposed dwelling at Grove Farm (13/18493/FUL).
Assessment year:	Operation phase (2027+)
Impact 1: permanent noise and visual effects	<p>Impact: residential properties along Marston Lane and Yarlet Lane will be located in proximity to the route of the Proposed Scheme at the Marston South embankment, Marston North embankment and Yarlet South cutting. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: approximately 30 residential properties on Marston Lane and Yarlet will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme.</p> <p>Visual: significant adverse effects will be experienced by residential properties on Marston Lane and Yarlet Lane due to views of trains running along the route of the Proposed Scheme at the Marston South embankment, Marston North embankment and to some extent Yarlet South cutting, introducing movement into the views. There will be close range views of planted landscape earthworks. Views would 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 occupiers 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.

3.10 St Leonards Church, Marston

Table 34: St Leonards Church, Marston community impact assessment record sheet

Resource name	St Leonards Church, Marston
Community area	CA2: Colwich to Yarlet
Resource type:	Community facility
Resource description/profile	St Leonards Church is located to the south of Yarlet Lane. The church was constructed in 1300 and includes stained glass windows which were fitted around 1900. It is set within a church yard, including a burial ground. Currently the church only holds services on Sunday mornings.
Assessment year:	Operation phase (2027+)
Impact 1: permanent noise and visual effects.	<p>Impact: St Leonards Church will be located in proximity to the route of the Proposed Scheme at the Marston South embankment and Marston North embankment. The operation of the Proposed Scheme will result in the following environmental effects:</p> <p>Noise: visitors to the church will experience significant increases in noise level due to the running of trains along the route of the Proposed Scheme, which will disturb their activities within the church. Effects may be lower than predicted as the number of trains running at weekends will be lower than weekdays.</p> <p>Visual: significant adverse effects will be experienced from the church yard at St Leonard's church due to views of Marston South embankment, overhead line equipment and noise fence barriers. Trains passing along the route will increase movement in the view. Views would be increasingly filtered by planting as it matures, which will reduce the significance of the effect.</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:	Medium: churches are generally places for quiet reflection and therefore tranquillity is important. The church holds weekly services, so is moderately well used. It is the only public place of worship in the area, however there is a private chapel at Yarlet School.
Significance rating of effect	Moderate adverse significant in-combination effect due to change to amenity, character and visitors' enjoyment of the church as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Moderate adverse significant in-combination effect due to change to amenity, character and visitors' enjoyment of the church as a result of significant noise and visual effects.

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