

## High Speed Rail (West Midlands - Crewe)

Supplementary Environmental Statement 2 and  
Additional Provision 2 Environmental Statement

Volume 5: Technical appendices

CA3: Stone and Swynnerton  
Community impact assessment  
(CM-001-003)

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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 This document is an appendix to the community assessment which forms part of Volume 5 of the Supplementary Environmental Statement 2 (SES2) and Additional Provision 2 Environmental Statement (AP2 ES) for the Stone and Swynnerton community area (CA3).
- 1.1.2 This appendix provides details of changes to the community impact assessment since the production of the High Speed Two (HS2) Phase 2a (West Midlands - Crewe) Environmental Statement (ES)<sup>1</sup> published in July 2017 (the main ES), as well as the Supplementary Environmental Statement (SES1) and Additional Provision Environmental Statement (AP1 ES) published in March 2018<sup>2</sup>.
- 1.1.3 This report should be read in conjunction with Volume 5, Appendix CM-001-003 of the main ES and Volume 5, Appendix CM-001-000 of the SES1 and AP1 ES.
- 1.1.4 Maps referred to in this appendix are contained in the SES2 and AP2 ES Volume 5, Community Map Book, Map Series CM-01.
- 1.1.5 This document is structured as follows:
- Part 1: Supplementary Environmental Statement 2: community impact assessment record sheets – construction; and
  - Part 2: Additional Provision 2 Environmental Statement: community impact assessment record sheets – construction.
- 1.1.6 In this document the scheme is referred to as the AP2 revised scheme, which is the SES2 scheme (i.e. the SES1 scheme, submitted to Parliament in March 2018, with the changes described in the SES2) as amended by the AP2 amendments.
- 1.1.7 It should be noted that a group of residential properties on the A34 Stone Road are reported in the community impact assessment report for the Colwich to Yarlet area (CA2) however some of these properties are situated in the Stone and Swynnerton area. For further information see Volume 5, SES2 and AP2 ES Appendix CM-001-002 and the SES2 and AP2 ES Volume 5, Community Map Book, Map Series CM-01.

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

<sup>2</sup> HS2 Ltd (2018), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Supplementary Environmental Statement and Additional Provision Environmental Statement*, <https://www.gov.uk/government/collections/hs2-phase-2a-additional-provision-and-supplementary-environmental-statement-and-march-2018>

## 2 Part 1: Supplementary Environmental Statement 2

### 2.1 Community impact assessment record sheets – construction Stone Golf Club<sup>3</sup>

Table 1: Stone Golf Club community impact assessment record sheet

|   |  |
|---|--|
| <b>Resource name</b>  | Stone Golf Club.   |
| <b>Community area</b>   | Stone and Swynnerton (CA3).  |
| <b>Resource type</b>  | Recreation.  |
| <b>Resource description/profile</b>                           | Stone Golf Club provides a nine holes golf course, open to both members and visitors. It is located to the west of Stone, between the A34 The Fillybrooks, Yarnfield Lane and the Stone to Norton Bridge Railway. The course markets itself as having panoramic views of the area from all nine holes.   |
| <b>Assessment year</b>  | Construction phase (2020+).  |
| <b>Impact 1: temporary significant visual and HGV effects</b> | <p>Impact: Stone Golf Club will be in proximity to works to construct the SES2 scheme including the Yarnfield North embankment and associated landscaping, Filly Brook viaduct, Yarnfield Lane realignment and the Stone Railhead/Infrastructure Maintenance Base-Rail (IMB-R). Construction traffic will use Yarnfield Lane to access the Yarnfield north embankment and M6 East viaduct satellite compounds and the Stone railhead main compound until access can be provided from the M6. The facility will also be affected by SES2 changes to construction traffic flows. These works will result in the following environmental effects:</p> <p>Heavy goods vehicle (HGV): there will be a significant number of HGVs passing the golf course along Yarnfield Lane along the construction traffic route for approximately nine months.</p> <p>Visual: significant adverse effects will be experienced, due to filtered medium range views of the construction works including the B5026 Eccleshall Road overbridge, Yarlet North Cutting satellite compound, Stone Railhead main compound (and associated lighting), Yarnfield South embankment, Filly Brook viaduct and Yarnfield North embankment. In addition there will be medium range views of the associated earthworks, construction equipment, movement of construction vehicles and stock piles.</p> <p>Duration of impact: approximately nine months.</p> |
| <b>Assessment of magnitude</b>                                | Medium: two significant residual environmental effects.  |
| <b>Relevant receptors</b>                                     | Residents of the properties.   |
| <b>Assessment of sensitivity of receptor(s) to impact</b>     | Low: there are many other alternative golf clubs in easy travelling distance, and Stone provides a variety of other venues for similar recreational activities as provided in the clubhouse.   |
| <b>Significance rating of effect</b>                          | Minor adverse effect, which is not significant.  |
| <b>Proposed mitigation options for significant effects</b>    | No mitigation proposed.  |
| <b>Residual effect significance rating</b>                    | Minor adverse effect, which is not significant.  |

<sup>3</sup> The SES2 changes to traffic flows have resulted in a different HGV effect on this resource. As this does not change the overall in-combination effect, the resource is reported in Volume 5 only and not Volume 2 of the SES2 and AP2 ES.

## Residential properties in Shelton under Harley

Table 2: Three residential properties in Shelton under Harley community impact assessment record sheet

|  |  |
|--|--|
| <b>Resource name</b>   | Three residential properties in Shelton under Harley.  |
| <b>Community area</b>  | Stone and Swynnerton (CA3).  |
| <b>Resource type</b>   | Residential properties.  |
| <b>Resource description/profile</b>                                  | Shelton under Harley is a small hamlet of five residential properties linked to Shelton under Harley Farm. It is located approximately 1.7km south of Whitmore and 800m north of Stableford.   |
| <b>Assessment year</b>   | Construction phase (2020+).  |
| <b>Impact 1: temporary significant noise, visual and HGV effects</b> | <p>Impact: Two properties in Shelton under Harley (Whisper Barn and Jacobyre) are located on land that will be required permanently for the construction of the SES2 scheme and will therefore be permanently lost. Three remaining residential properties will be located in proximity to the Stableford North embankment and the Bent Lane (North) diversion. Hatton North cutting satellite compound will be located to the east of the three residential properties, and the Stableford ATS satellite compound will be located to the south-west. A site haul route will be provided along the line of the HS2 route, and a construction traffic route will be provided along the diverted Bent Lane (North). These properties will also be affected by SES2 changes to construction traffic flows. These works will result in the following environmental effects:</p> <p>Noise: three residential properties will experience significant increases in noise level for up to one year and six months due to demolitions, earthworks and vehicles travelling along the site haul road, however two of the properties will qualify for noise insulation, so there will be a residual significant noise effect at only one of the properties.</p> <p>Visual: significant adverse effects will be experienced due to close up views of works to construct the above elements including associated earthworks, construction equipment, movement of construction vehicles and stockpiles.</p> <p>HGV: there will be a significant number of HGVs passing the properties on the Bent Lane (North) diversion and site haul road to the south for approximately nine months.</p> <p>Duration: up to nine months.</p> |
| <b>Assessment of magnitude</b>                                       | <p>High: up to three significant residual environmental effects.</p> <p>Shelton under Harley is a small hamlet with only five residences. The three dwellings affected represent the whole remaining community (following the demolition of two properties in the hamlet) and this is reflected in an adjustment to the magnitude of impact.</p>   |
| <b>Relevant receptors</b>  | Residents of the properties.   |
| <b>Assessment of sensitivity of receptor(s) to impact</b>            | High: residential properties and their occupiers are identified as being highly sensitive.   |
| <b>Significance rating of effect</b>                                 | 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.   |
| <b>Proposed mitigation options for significant effects</b>           | No mitigation proposed.  |
| <b>Residual effect significance rating</b>                           | 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.   |



## 3 Part 2: Additional Provision 2 Environmental Statement

### 3.1 Community impact assessment record sheets – construction Residential properties subject to non-significant land take

Table 3: Residential properties subject to non-significant land take community impact assessment record sheet

|  |   |
|--|---|
| <b>Resource name</b>                                       | Area-wide residential properties.   |
| <b>Community area</b>                                      | Stone and Swynnerton (CA3).   |
| <b>Resource type</b>                                       | Residential properties.   |
| <b>Resource description/profile</b>                        | Residential properties located close to the land required for the AP2 revised scheme.   |
| <b>Assessment year</b>                                     | Construction phase (2020+).   |
| <b>Impact 1: temporary loss of land</b>                    | <p>The AP2 amendment for TBM Power at Whitmore (AP2-004-001) will require small areas of land from the following residential properties in Shelton-under-Harley during construction of the AP2 revised scheme:</p> <ul style="list-style-type: none"> <li>• Birch View on Chase Lane;</li> <li>• Sandyford Cottage off the A51; and</li> <li>• Sandyford Farm off the A51.</li> </ul> <p>Minor utility works (Additional land for the permanent diversion of three Severn Trent Water mains supplies near the A51 Stone Road and Stab Lane (AP2-003-112) will require a small area of land from one residential property on Stab Lane during the construction of the AP2 revised scheme.</p> <p>Duration of impact: up to three months.</p> |
| <b>Assessment of magnitude</b>                             | Negligible: the temporary loss of these small areas of land will not impact on the ability of the residents to use their dwellings and access will be maintained to the properties throughout the construction works.   |
| <b>Relevant receptors</b>                                  | Residents of the properties.  |
| <b>Assessment of sensitivity of receptor(s) to impact</b>  | High: residential properties and their occupants are identified as being highly sensitive.  |
| <b>Significance rating of effect</b>                       | Minor adverse effect, which is not significant.   |
| <b>Proposed mitigation options for significant effects</b> | No mitigation proposed.   |
| <b>Residual effect significance rating</b>                 | Minor adverse effect, which is not significant.   |

## Long Compton Farm

Table 4: Long Compton Farm community impact assessment record sheet

|  |   |
|--|---|
| <b>Resource name</b>                                       | One residential property at Long Compton Farm, Stone Road.  |
| <b>Community area</b>                                      | Stone and Swynnerton (CA3).   |
| <b>Resource type</b>                                       | Residential properties.   |
| <b>Resource description/profile</b>                        | One property located at Long Compton Farm on Stone Road, near Swynnerton.   |
| <b>Assessment year</b>                                     | Construction phase (2020+).   |
| <b>Impact 1: permanent loss of land</b>                    | The AP2 amendment for Tittensor Road Roundabout (AP2-003-012) will permanently require an additional area of land from part of the residential garden and driveway at Long Compton Farm. The land will be required to provide a new retaining wall adjacent to the farm and a new alternative access to the east of the existing farm access. |
| <b>Assessment of magnitude</b>                             | Negligible: the permanent loss of this area of land will not impact on the ability of the residents to use their property and access will be maintained to the property throughout the construction works.  |
| <b>Relevant receptors</b>                                  | Residents of the properties.  |
| <b>Assessment of sensitivity of receptor(s) to impact</b>  | High: residential properties and their occupants are identified as being highly sensitive.  |
| <b>Significance rating of effect</b>                       | Minor adverse effect, which is not significant.   |
| <b>Proposed mitigation options for significant effects</b> | No mitigation proposed.   |
| <b>Residual effect significance rating</b>                 | Minor adverse effect, which is not significant.   |

## Residential properties on A519 Newcastle Road

Table 5: Residential properties on Newcastle Road community impact assessment record sheet

|   |   |
|---|---|
| <b>Resource name</b>  | Residential properties on A519 Newcastle Road.  |
| <b>Community area</b>   | Stone and Swynnerton (CA3).   |
| <b>Resource type</b>  | Residential properties.   |
| <b>Resource description/profile</b>                           | Approximately 16 residential properties located on the A519 Newcastle Road in Hanchurch between Whitmore Road and the A500 Queensway.   |
| <b>Assessment year</b>  | Construction phase (2020+).   |
| <b>Impact 1: temporary significant visual and HGV effects</b> | <p>Impact: the residential properties will be in proximity to works associated with the AP2 amendment to modify the roundabout junction of Hanchurch Interchange and the signalised crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road (AP2-003-017). This will include the widening of the A519 Newcastle Road to provide two lanes in each direction between the Hanchurch Interchange roundabout and the signalised crossroads with the A5182 Trentham Road and B5038 Whitmore Road. These properties will also be affected by SES2 changes to construction traffic flows. These works will result in the following environmental effects:</p> <p>Visual: residents of approximately 16 properties fronting onto the A519 Newcastle Road will experience significant adverse visual effects due to construction work associated with the widening of the A519 Newcastle Road between Hanchurch Interchange and the signalised crossroads with the A5182 Trentham Road and B5038 Whitmore Road.</p> <p>HGV: all of the properties will experience a significant increase in HGVs for up to three years and eleven months due to traffic increases on the A519 Newcastle Road.</p> <p>Duration of impact: up to three years and eleven months.</p> |
| <b>Assessment of magnitude</b>                                | Medium: two significant residual environmental effects.   |
| <b>Relevant receptors</b>                                     | Residents of the properties.  |
| <b>Assessment of sensitivity of receptor(s) to impact</b>     | High: residential properties and their occupiers are identified as being highly sensitive.  |
| <b>Significance rating of effect</b>                          | Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the property as a result of significant visual and HGV effects.   |
| <b>Proposed mitigation options for significant effects</b>    | No mitigation proposed.   |
| <b>Residual effect significance rating</b>                    | 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.   |

## Ferndown Local Nature Reserve (LNR)

Table 6: Ferndown LNR community impact assessment record sheet

|  |  |
|--|--|
| <b>Resource name</b>                                       | Ferndown LNR.  |
| <b>Community area</b>                                      | Stone and Swynnerton (CA3).  |
| <b>Resource type</b>                                       | Open space.  |
| <b>Resource description/profile</b>                        | Ferndown LNR, located north of the A500 Queensway, is a publicly accessible open space. The site is approximately 6.8 hectares and comprises areas of meadow, marshland and scrub woodland with various informal pathways crossing the site. The site also includes a children's play area and an informal football pitch.   |
| <b>Assessment year</b>                                     | Construction phase (2020+).  |
| <b>Impact 1: permanent loss of land</b>                    | The AP2 amendment for temporary Modifications to the A500/A519 and A519/A5182 junctions (AP2-003-017) will permanently require a small area of land from Ferndown LNR, comprising approximately 9% of the total LNR. The area of land required is a linear area of land along the south-western edge of the open space, which will be required for the provision of a segregated left turn filter lane connecting the A519 Clayton Road to the A500 Queensway and replacement hedgerow planting. |
| <b>Assessment of magnitude</b>                             | Negligible: the land lost comprises less than 10% of the overall open space and the resource will be able to continue functioning for its intended purpose.  |
| <b>Relevant receptors</b>                                  | Users of the open space.   |
| <b>Assessment of sensitivity of receptor(s) to impact</b>  | High: as open space surveys have not been undertaken at this site, a high sensitivity has been assumed.  |
| <b>Significance rating of effect</b>                       | Minor adverse effect, which is not significant.  |
| <b>Proposed mitigation options for significant effects</b> | No mitigation proposed.  |
| <b>Residual effect significance rating</b>                 | Minor adverse effect, which is not significant.  |

## 4 References

HS2 Ltd (2018), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Supplementary Environmental Statement and Additional Provision Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2a-additional-provision-and-supplementary-environmental-statement-and-march-2018>.

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

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