

HIGH SPEED RAIL (LONDON - WEST MIDLANDS)

Supplementary Environmental Statement and Additional Provision 2 Environmental Statement

Volume 5 | Technical appendices

CFA18 | Stoneleigh, Kenilworth and Burton Green

July 2015

SES and AP2 ES 3.5.1.5

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Department for Transport

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This table shows the topics covered by the technical appendices in this volume, and the reference codes for them.

CFA name and number	Topic	Code
CFA18, Stoneleigh, Kenilworth and Burton Green	Community	CM-001-018
	Cultural heritage	CH-002-018
		CH-003-018
	Sound, noise and vibration	SV-004-018 (Operational)

SES AP2 ES Appendix CM-001-018

Environmental topic:	Community	CM
Appendix name:	Community assessment	001
Community forum area:	Stoneleigh, Kenilworth and Burton Green	018

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1 Introduction

- 1.1.1 This appendix provides an update to the Appendix CM-001-018 Community assessment from the main Environmental Statement (ES) as a result of design changes SES-018-001 and AP2-018-004, assessed as part of the Supplementary Environmental Statement (SES) and the Additional Provision 2 Environmental Statement (AP2ES). This update should be read in conjunction with Appendix CM-001-018 Community assessment from the main ES.
- 1.1.2 This appendix is structured as followed:
- Part 1: Supplementary Environmental Statement
 - Community impact assessment record sheets - construction; and
 - Community impact assessment record sheets - operation.
 - Part 2: Additional Provision 2 Environmental Statement
 - Community impact assessment record sheets - construction; and
 - Community impact assessment record sheets - operation

Part 1: Supplementary Environmental Statement

2 Community impact assessment record sheets - construction

2.1 Residential properties at Cromwell Lane, Burton Green

Table 1- Residential properties at Cromwell Lane, Burton Green community impact assessment record sheet

Resource name	Residential properties at Cromwell Lane, Burton Green
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Residential
Resource description/profile	<p>22 residential properties at Cromwell Lane, Burton Green: 279-301 (odd numbers); 402 and 307-327 (odd numbers).</p> <p>This is an increase in the number of properties identified in Table 25 of CM-001-018 of the main ES, which reported effects on 14 residential properties.</p>
Assessment year	Construction phase (2017+)
Impact: Change in amenity	<p>Impact: The residents of these properties are likely to be affected temporarily by a combination of significant noise and/or vibration together with adverse visual effects during construction of the original scheme.</p> <p>Duration of impact: Approximately 8-12 months for most properties, although 4 of the properties are likely to experience noise effects for longer.</p>
Assessment of magnitude	Medium, as most of the properties will be affected by a combination of two significant (noise and visual) amenity effects. (Four of the properties would also be affected by vibration effects).
Relevant receptors	Residents of dwellings
Assessment of sensitivity of receptors (s) to impact	High as residential properties.
Significance rating of effect	<p>Major adverse effect – significant.</p> <p>The significance of effect is unchanged from that reported in the main ES.</p>
Proposed mitigation options for significant effects	No further mitigation identified.
Residual effects significance rating	<p>Major adverse effect – significant.</p> <p>The significance of effect is unchanged from that reported in the main ES.</p>

This table substitutes Table 25 of Appendix CM-001-018 in Volume 5 of the main ES and relates to a correction in reporting effects arising during construction of the original scheme. See also Table 9 as the effects on properties at Cromwell Lane will be changed further by the AP2 revised scheme.

2.2 Residential properties at Waste Lane, Beechwood

Table 2- Residential properties at Waste Lane, Beechwood community impact assessment record sheet

Resource name	Residential properties at Waste Lane, Beechwood.
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green.
Resource type	Residential
Resource description/profile	<p>Residential properties at Waste Lane, including:</p> <ul style="list-style-type: none"> - 15 properties situated to the east of the HS2 route, namely; Squirrels Jump, Field House, Fairways, Batavia House, Almond House, Gillingwood, Brendon Cottage, Saddlestones, Braeburn, Castlemorton, Burnley Gap, Brentwood, Fieldgate, Silver Birches and Old Hall; and - 9 properties situated to the west of the HS2 route, namely; Little Beanit Farm, Maple Field House, High Close, Longacre, Troutbeck, Netherfield, Wayside, Dragonflies and The Cottage.
Assessment year	Construction phase (2017+)
Impact: Change in amenity	<p>Impact: The residents of the nine properties situated to the west of the HS2 route are likely to be affected temporarily by a combination of significant HGV traffic and traffic noise effects during construction of the original scheme and the operation of the Waste Lane east and westbound roadhead. One of these properties is also likely to be affected by significant visual effects during construction. The properties that would be affected include: Little Beanit Farm, Maple Field House, High Close, Longacre, Troutbeck, Netherfield, Wayside, Dragonflies and The Cottage.</p> <p>This impact was not previously reported in the main ES. Instead, the main ES reported an impact on 16 properties situated mostly to the east of the proposed scheme, due to a combination of significant amenity effects (HGV and visual). The correction reported in Table 2 of the SES and AP2 ES confirms that the properties situated to the east of the scheme are unlikely to be affected, as the increase in HGV flows along this section of Waste Lane will not be significant as previously assumed. On this basis, there will be no amenity impact on properties to the east of the HS2 route. Instead, the impact is likely to be experienced by residents of properties located to the west of the proposed scheme, and will comprise a combination of significant HGV construction traffic and traffic noise effects.</p> <p>Duration of impact: Linked to the operation of the roadhead, which will be between 12 months and 3 ¾ years approximately</p>
Assessment of magnitude	Medium, as properties will be affected by a combination of two significant amenity effects.
Relevant receptors	Residents of dwellings
Assessment of sensitivity of receptors (s) to impact	High as residential properties.
Significance rating of effect	Major adverse effect – significant, on 9 properties situated to the west of the HS2 route. This is a new significant effect on properties located to the west of the HS2 route not previously reported in the main ES.

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Resource name	Residential properties at Waste Lane, Beechwood.
	As the properties to the east of the HS2 route will not be subject to an amenity impact, as explained in Table 2 of the SES AP2 ES, the correction removes a temporary major adverse residual significant amenity effect on 15 properties situated to the east of the HS2 route, namely on Squirrels Jump, Field House, Fairways, Batavia House, Almond House, Gillingwood, Brendon Cottage, Saddlestones, Braeburn, Castlemorton, Burnley Gap, Brentwood, Fieldgate, Silver Birches and Old Hall.
Proposed mitigation options for significant effects	No further mitigation identified.
Residual effects significance rating	<p>Major adverse effect – significant. (This relates to 9 residential properties situated to the west of the HS2 route. This is a new temporary major adverse significant residual amenity effect not previously reported in the main ES).</p> <p>The correction in Volume 2 of the SES AP2 ES also removes a temporary major adverse significant residual amenity effect on the residents of 15 residential properties located to the east of the HS2 route at Waste Lane.</p>

This table substitutes Table 36 of Appendix CM-001-018 in Volume 5 of the main ES and relates to a correction in reporting effects arising during construction of the original scheme.

2.3 Burton Green Village Hall

Table 3 - Burton Green Village Hall community impact assessment record sheet

Resource name	Burton Green Village Hall.
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green.
Resource type	Community infrastructure – community and youth centres
Resource description/profile	Burton Green Village Hall is a charity which is managed by a committee of volunteers and trustees. It consists of a main hall which can accommodate 120 persons and the 'Green Room' which can accommodate 30 persons. It has car parking facilities for approximately 20 vehicles. At present it currently has 29 regular hirers, which include sports group, craft classes, local organisational meetings, parish council meetings and use by Burton Green Congregation one Sunday per month. The hall is well used by the public with 14,346 visitors between September 2011 and September 2012. 82% of the visitors reside within 10 miles of the hall, with 18% travelling from further afield.
Assessment year	Construction phase (2017+)
Impact: Demolition	Impact: demolition of the Burton Green Village Hall. Duration of impact: permanent.
Assessment of magnitude	Negligible: whilst the SES scheme will result in the permanent demolition of the Village Hall, Amendment SES-018-001 specifically provides for the construction of a replacement village hall. As the construction programme allows for the replacement hall to be built and ready for use ahead of the demolition of the existing hall, there will be no loss of use of the valued facility. The Village Hall Trustees have agreed that the site at Red Lane would be a suitable location for the replacement hall. . The main ES reported the magnitude of impact as high for the original scheme, as no specific provision was made in that scheme to construct a replacement hall ahead of demolition of the existing hall.
Relevant receptors	Users of the village hall.
Assessment of sensitivity of receptors (s) to impact	High: well used and valued resource. The demolition of Burton Green Village Hall would leave Burton Green without any facilities for community use and will leave some members of the community without convenient access to any other alternatives.
Significance rating of effect	Negligible - not significant.
Proposed mitigation options for significant effects	No further mitigation required.
Residual effects significance rating	Negligible effect – not significant. The significance of effect is different from that reported in the main ES, which was major adverse (significant) as the SES scheme makes provision specifically to build a replacement hall in advance of the demolition of the existing hall. The SES scheme will therefore avoid the significant effect identified in the

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Resource name	Burton Green Village Hall.
	main ES.

This table revises the assessment presented in Table 29 of Appendix CM-001-018 in Volume 5 of the main ES and relates to a revised assessment of the SES scheme.

2.4 Residential properties at Le Van, Red Lane, Burton Green (Broadwell Woods Mobile Home Park)

Table 4 - Residential properties at Le Van, Red Lane, Burton Green (Broadwell Woods Mobile Home Park) community impact assessment record sheet

Resource name	Residential properties at Le Van, Red Lane, Burton Green
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Residential
Resource description/profile	Land at Le Van is currently being developed as the Broadwell Woods Mobile Home Park, introducing 20 new residential receptors in to the baseline for the assessment, compared with that assessed for the original scheme. Two mobile homes have now been stationed on the site, bringing the total number of residential properties currently on the site to 3. A further 18 are assumed to be in place by the start of construction of the Proposed Scheme as all of the necessary bases and infrastructure for these plots have now been installed.
Assessment year	Construction phase (2017+)
Impact: Change in amenity	Impact: Occupiers of this development are likely to be affected by a combination of significant noise and adverse visual effects during construction of the original scheme. Duration – one month approximately.
Assessment of magnitude	Low, as whilst residents would be affected by a combination of two significant residual amenity effects, the duration of impact is relatively short. The magnitude is therefore assessed as low rather than medium in this instance.
Relevant receptors	Residents.
Assessment of sensitivity of receptors (s) to impact	Residential properties therefore sensitivity rating is high.
Significance rating of effect	Moderate adverse effect – significant. This is a new significant effect not previously reported in the main ES and is attributable only to the change in baseline conditions at Le Van, Red Lane, where the number of properties has increased and exceeds the threshold of significance. Previously, only one residential property at Red Lane (at Le Van) was assessed as being likely to experience a combination of significant amenity effects, however effects on a single property are not considered to be significant at the community level.
Proposed mitigation options for significant effects	No further mitigation has been identified.

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Resource name	Residential properties at Le Van, Red Lane, Burton Green
Residual effects significance rating	<p>Moderate adverse effect – significant.</p> <p>This is a new significant effect not previously reported in the main ES and is attributable only to the change in baseline conditions at Le Van, Red Lane, where the number of properties has increased and exceeds the threshold of significance, which is set as five properties in the scope and methodology report.</p>

This table identifies a new significant effect on receptors not previously reported in the main ES Volume 2 CFA 18 report or Volume 5 Appendix CM-001-018. It is attributable to a change in the baseline conditions at Le Van where an increase in the number of residential receptors now exceeds the threshold for the identification of significant amenity effects. See also Table 8 as the proposed AP2-018-004 amendment will change the effects on receptors at Le Van.

3 Community impact assessment record sheets - operation

3.1 Ten dwellings at Hodgetts Lane

Table 5 – Ten dwellings at Hodgett's Lane community impact assessment record sheet

Resource name	Ten dwellings at Hodgett's Lane, Burton Green.
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green.
Resource type	Residential.
Resource description/profile	Ten dwellings: 3-23 (odd numbers)
Assessment year	Operational phase.
Impact: Change in amenity (noise and visual impacts)	<p>Impact: The residents of these ten properties are unlikely to be affected by a combination of significant residual noise and visual impacts during the operation of the Proposed Scheme.</p> <p>This corrects an error in the reporting of impacts in the main ES, which indicated at paragraph 5.5.5 that these properties would have been affected.</p>
Assessment of magnitude	N/A
Relevant receptors	Residents of properties
Assessment of sensitivity of receptors (s) to impact	N/A
Significance rating of effect	<p>No effect.</p> <p>This corrects an error in the reporting of significant residual effects in the main ES, which indicated that these properties would have been significantly affected. (See paragraph 5.5.5 of the main ES, Volume 2, CFA18 report).</p>
Proposed mitigation options for significant effects	N/A
Residual effects significance rating	<p>No effect.</p> <p>This corrects an error in the reporting of effects in the main ES, which indicated that these properties would have been significantly affected.</p>

This table substitutes Table 41 of Appendix CM-001-018 in Volume 5 of the main ES and relates to a correction in reporting effects arising during operation of the original scheme.

Part 2: Additional Provision 2 Environmental Statement

4 Community impact assessment record sheets - construction

4.1 Connect 2 Kenilworth Sustrans Route No. 52/Bridleway W164

Table 6 - Connect 2 Kenilworth Sustrans Route No. 52/Bridleway W164 community impact assessment record sheet

Resource name	Connect 2 Kenilworth Sustrans Route No. 52/Bridleway W164
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Public right of way (PRoW)
Resource description/profile	The Connect 2 Kenilworth cycle and pedestrian route joins up Kenilworth and the University of Warwick campus, it opened in October 2012. The route runs from Coventry Road in Kenilworth, crosses Cryfield Grange Road and ends at Leighfield Road on the University of Warwick campus. PRoW surveys carried out in 2012 reported 115 pedestrians, 40 cyclists and 1 disabled user.
Assessment year	Construction phase (2017+)
Impact: Temporary loss of land (temporary re-routing)	<p>No loss of use/temporary diversion impact. The AP2 revised scheme will not give rise to any temporary diversion or closure of the route. Amendment AP2-018-003 makes provision to construct the permanent diversion for this route in advance of other works in this area, so that there will be no need for any temporary closure or diversion of this route during construction.</p> <p>With the original scheme, the route would need to be closed during construction and users would need to follow a temporary diversion via Bridleway W165. The diversion was considered to be less convenient and suitable for users in comparison with the existing route.</p>
Assessment of magnitude	No loss of use impact during construction of the AP2 revised scheme.
Relevant receptors	Users of PRoW.
Assessment of sensitivity of receptors (s) to impact	N/A as no loss of use impact.
Significance rating of effect	<p>No loss of use effect due to construction of the AP2 revised scheme.</p> <p>The original scheme was assessed as giving rise to a moderate adverse and significant temporary effect on users due to the temporary diversion being less convenient and suitable than the existing route. The AP2 revised scheme would therefore avoid this significant effect.</p>
Proposed mitigation options for significant effects	N/A

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Resource name	Connect 2 Kenilworth Sustrans Route No. 54/Bridleway W164
Residual effects significance rating	<p>No loss of use effect due to construction of the AP2 revised scheme.</p> <p>The original scheme was assessed as giving rise to a moderate adverse and significant temporary effect on users due to the temporary diversion being less convenient and suitable than the existing route. The AP2 revised scheme would therefore avoid this significant effect.</p>

This table revises the assessment presented in Table 16 of Appendix CM-001-018 in Volume 5 of the main ES and relates to an assessment of the AP2 revised scheme. The effects due to the permanent loss of land and permanent diversion are as reported in Table 16 of Appendix CM-001-018 in Volume 5 of the main ES and are unchanged by the AP2 revised scheme.

4.2 Two Oaks Day Nursery, Red Lane, Burton Green

Table 7 -Two Oaks Day Nursery community impact assessment record sheet

Resource name	Two Oaks Day Nursery
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Community infrastructure – early years education.
Resource description/profile	Two Oaks Day Nursery is a day nursery and pre-school which takes 26 children between birth and eight years of old for day care provision. The nursery caters for children within a catchment including Burton Green, Kenilworth, Balsall Common, Westwood Heath and Warwick University. The nursery is located at Red Lane, Burton Green and is set within secure spacious grounds.
Assessment year	Construction phase (2017+)
Impact 1: Change in amenity	<p>Impact: No combined significant residual amenity effects on this nursery will arise during construction of the AP2 revised scheme.</p> <p>The construction of the original scheme was likely to give rise to a combination of significant noise and visual effects on the users of the nursery for a period of approximately 2 months. The amendments proposed in the AP2 revised scheme will avoid significant construction noise effects on the Nursery, although significant adverse visual effects are still likely during construction.</p>
Assessment of magnitude	N/A as no combined amenity impacts.
Relevant receptors	Children attending the Two Oaks Day Nursery.
Assessment of sensitivity of receptors (s) to impact	N/A as no combined amenity impacts.
Significance rating of effect	<p>No effect due to a combination of significant residual amenity effects during construction of the AP2 revised scheme.</p> <p>The AP2 Revised scheme will avoid the moderate adverse and significant temporary effect on users of the nursery that was assessed for the original scheme.</p>
Proposed mitigation options for significant effects	N/A as no effect.
Residual effects significance rating	<p>No effect due to a combination of significant residual amenity effects during construction of the AP2 revised scheme.</p> <p>The AP2 Revised scheme will avoid the moderate adverse and significant temporary effect on users of the nursery that was assessed for the original scheme.</p>

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Resource name	Two Oaks Day Nursery
Impact 2: Isolation	<p>Impact 2: Whilst only overnight or weekend closures of Cromwell Lane at Burton Green are considered likely during construction, the works at the Cromwell Lane bridge will affect people travelling through the centre of the village and will create a visual barrier effect.</p> <p>Duration: Approximately 6 months.</p>
Assessment of magnitude	Negligible, as no road closures, congestion, delays or pedestrian severance is now considered likely at Burton Green during construction of the AP2 revised scheme. Construction traffic will be routed away from Cromwell Lane, Hob Lane and Red Lane.
Relevant receptors	Children attending nursery.
Assessment of sensitivity of receptors (s) to impact	Medium: a well used resource which is used on a daily basis by the local community, although a local alternative exists within Burton Green village there is limited capacity to take more children.
Significance rating of effect	Negligible effect – no significant.
Proposed mitigation options for significant effects	No further mitigation required.
Residual effects significance rating	Negligible effect – not significant.

This table revises the assessments presented in Table 20 of Appendix CM-001-018 in Volume 5 of the main ES and relates to the assessment of the AP2 revised scheme.

4.3 Residential properties at Le Van, Red Lane, Burton Green

Table 8 - Residential properties at Le Van, Red Lane, Burton Green community impact assessment record sheet

Resource name	Residential properties at Le Van, Red Lane, Burton Green
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Residential
Resource description/profile	Land at Le Van is currently being developed as the Broadwell Woods Mobile Home Park, introducing 20 new residential receptors in to the baseline for the assessment, compared with that assessed for the original scheme. Two mobile homes have now been stationed on the site, bringing the total number of residential properties currently on the site to 3. A further 18 are assumed to be in place by the start of construction of the Proposed Scheme as all of the necessary bases and infrastructure for these plots have now been installed.
Assessment year	Construction phase (2017+)
Impact 1: Change in amenity	<p>Impact: The construction of the AP2 revised scheme is unlikely to give rise to a combination of significant residual amenity effects on the occupiers of this development.</p> <p>As explained in Table 6 above, the original scheme was assessed as being likely to give rise to a combination of significant noise and adverse visual effects on the occupiers of this development for a period of approximately one month. This impact would be avoided by the AP2 revised scheme.</p>
Assessment of magnitude	No impact.
Relevant receptors	Residents.
Assessment of sensitivity of receptors (s) to impact	N/A as no combined significant amenity impacts likely during construction of the AP2 revised scheme.
Significance rating of effect	<p>No amenity effect is likely to arise during construction of the AP2 revised scheme..</p> <p>The original scheme was assessed as being likely to give rise to a moderate adverse and significant temporary effect on the occupiers of this development (see Table 6 above). This significant effect would be avoided with the amended design in the AP2 revised scheme.</p>
Impact 2: Loss of land (permanent)	Impact: Very slight permanent loss of land from the edge of the site at Le Van, being developed as the Broadwell Woods Mobile Home Park.
Assessment of magnitude	Negligible. The limited extent of land required is assumed as being unlikely to affect more than 4 or 5 of the plots being laid out on the site.
Relevant receptors	Residents moving into this new development.
Assessment of sensitivity of receptors to the	Residential, therefore sensitivity rating is high.

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Resource name	Residential properties at Le Van, Red Lane, Burton Green
impact	
Significance rating of effect	Minor adverse effect.
Proposed mitigation options for significant effects	Impact 1: No further mitigation required. Impact 2: No further mitigation proposed.
Residual effects significance rating	Impact 1: No amenity effect is likely to arise during construction of the AP2 revised scheme. The original scheme was assessed as being likely to give rise to a moderate adverse and significant temporary effect on the occupiers of this development (see Table 6 above). This significant effect would be avoided with the amended design in the AP2 revised scheme, which would not give rise to significant noise effects on occupiers of this development during construction. Impact 2: Minor adverse effect.

This table revises the assessment presented in above in Table 4 of this SES AP2 ES Appendix CM-001-018.

4.4 Residential properties at Cromwell Lane, Burton Green

Table 9 - Residential properties at Cromwell Lane, Burton Green community impact assessment record sheet

Resource name	Residential properties at Cromwell Lane, Burton Green
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Residential properties.
Resource description/profile	Residential dwellings situated at Cromwell Lane on either side of the route of the AP2 revised scheme.
Assessment year	Construction phase (2017+).
Impact 1: Change in amenity during construction (temporary)	<p>The residents of 15 properties at Cromwell Lane are likely to be affected temporarily during construction of the AP2 revised scheme by a combination of significant noise and adverse visual effects. Four of the properties are also likely to experience significant vibration effects. The properties likely to be affected are No.s 293-301 (odd numbers), 402 and 307-327 (odd numbers). The construction of the AP2 revised scheme will affect fewer properties at Cromwell Lane than the construction of the original scheme. (See Table 1 above). No.s 279-291 are no longer expected to experience significant construction noise effects.</p> <p>Duration of impact: Approximately 8-12 months for most properties, although four of the properties are likely to experience noise effects for longer.</p>
Assessment of magnitude	Medium, as most of the properties will be affected by a combination of two significant (noise and visual) effects. Four of the properties would also be affected by significant vibration effects.
Relevant receptors	Residents of the 15 residential properties at Cromwell Lane (No.s 293-301 (odd numbers), 402; and 307-327 (odd numbers)).
Assessment of sensitivity of receptors (s) to impact	Residential properties therefore sensitivity rating is high.
Significance rating of effect	<p>Major adverse effect – significant.</p> <p>The level of significance is unchanged from that reported in the main ES, although there is a reduction in the number of properties likely to be affected.</p>
Impact 2: Loss of land (temporary)	<p>Impact 2: Temporary loss of land from three residential properties, namely numbers 301, 402 and 408. Cromwell Lane.</p> <p>Duration: 6 months for temporary highway diversion.</p> <p>This is a correction, adding in a reference to No. 408 Cromwell Lane, which was not originally identified in Table 23 of Appendix CM-001-018 of the main ES.</p>
Assessment of magnitude	Negligible as less than 5 properties are affected.
Relevant receptors	Residents and owners.
Assessment of sensitivity of receptors (s) to	Residential properties therefore sensitivity rating is high.

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Resource name	Residential properties at Cromwell Lane, Burton Green
impact	
Significance rating of effect	<p>Minor adverse effect: Not significant.</p> <p>There is no change in the significance rating of the effect due to the inclusion of No. 408 Cromwell Lane within the list of properties likely to be affected.</p>
Proposed mitigation options for significant effects	<p>Impact 1: No further mitigation identified.</p> <p>Impact 2: No further mitigation identified.</p>
Residual effects significance rating	<p>Impact 1: Major adverse effect – significant.</p> <p>The level of significance is unchanged from that reported in the main ES, although there is a reduction in the number of properties likely to be affected.</p> <p>Impact 2: Minor adverse effect – not significant.</p> <p>There is no change in the significance rating of the effect due to the inclusion of No. 408 Cromwell Lane within the list of properties likely to be affected.</p>

This table revises the assessment presented in Table 25 of the main ES Volume 5 Appendix CM-001-018, as superseded by Table 1 of this document above. It provides an assessment of the AP2 revised scheme. This table also corrects the assessment for Impact 2 (temporary loss of land) presented in Table 23 of Appendix CM-001-018 in Volume 5 of the main ES, which is of relevance to both the original scheme and the AP2 revised scheme.

4.5 Replacement Burton Green Village Hall, Red Lane, Burton Green

Table 10 - Replacement Burton Green Village Hall, Red Lane, Burton Green community impact assessment record sheet

Resource name	Replacement Burton Green Village Hall, Red Lane, Burton Green.
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Community infrastructure – community and youth centres
Resource description/profile	Replacement village hall proposed as part of amendment SES-018-001. The hall will be built and ready for use prior to the demolition of the existing village hall at Hodgett's Lane. Users of the hall are therefore a receptor in the assessment of the AP2 revised scheme, both in the construction and operational phases.
Assessment year	Construction phase (2017+)
Impact: Change in amenity	No impact, as a combination of significant residual noise and adverse visual effects is unlikely to arise during construction of the AP2 revised scheme. No significant noise impacts are predicted, although a significant adverse visual effect is considered likely during the works.
Assessment of magnitude	No impact.
Relevant receptors	Users of the hall.
Assessment of sensitivity of receptors (s) to impact	Not applicable as no impact due to construction of the AP2 revised scheme.
Significance rating of effect	No effect.
Proposed mitigation options for significant effects	N/A
Residual effects significance rating	No effect.

This table relates to the assessment of effects of the AP2 revised scheme on the users of the replacement village hall proposed as part of amendment SES-018-001. It confirms that a combination of significant amenity effects on users of the replacement hall is unlikely during construction.

4.6 Kenilworth Greenway, Burton Green

Table 11 - Kenilworth Greenway, Burton Green community impact assessment record sheet

Resource name	Kenilworth Greenway at Burton Green
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Open space – parks and gardens
Resource description/profile	<p>The Kenilworth Greenway occupies the line of the disused railway between Kenilworth and Berkswell. It is managed as a linear country park and is well used by walkers and cyclists as a recreational resource. It is also used by equestrians with an annual permit. There are no public open spaces at Burton Green which makes the Greenway a particularly important resource.</p> <p>It forms part of the Sustrans National Cycle Route (NCR) 523 which runs from Crackley to Burton Green.</p>
Assessment year	Construction phase (2017+)
Impact 1: Change in amenity	<p>No impact due to a combination of significant residual effects during construction of the AP2 revised scheme. The AP2 revised scheme reroutes construction traffic away from the centre of Burton Green and users of the Greenway would not therefore have to negotiate construction traffic whilst following the temporary diversion route.</p> <p>With the original scheme, users would be affected during construction by significant increases in HGV construction traffic and by significant adverse visual effects.</p>
Assessment of magnitude	N/A
Relevant receptors	Users of the Kenilworth Greenway.
Assessment of sensitivity of receptors (s) to impact	N/A as no combined significant amenity impacts on users during construction of the AP2 revised scheme.
Significance rating of effect	<p>No effect.</p> <p>The AP2 revised scheme avoids the major adverse and significant temporary amenity effect on users that was assessed as being likely to arise during construction of the original scheme.</p>
Impact 2: Loss of land (permanent)	<p>Impact: Approximately 2km of the Greenway lies within land required for the construction and operation of the AP2 revised scheme. The AP2 revised scheme makes provision to reinstate the Greenway close to its original alignment. The amended design routes the Greenway beneath Cromwell Lane and makes provision for a new access to the Greenway in the vicinity of the Cromwell Lane bridge.</p> <p>Duration: Permanent</p>
Assessment of magnitude	Negligible as provision is made in the AP2 revised scheme so that users do not have to cross traffic on Cromwell Lane and the permanent route closely follows the existing alignment.

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Resource name	Kenilworth Greenway at Burton Green
Relevant receptors	Users of the Greenway.
Assessment of sensitivity of receptors (s) to impact	High: as a well-used and valued resource.
Significance rating of effect	Minor adverse effect – not significant.
Impact 3: Loss of land (temporary)	Impact
Assessment of magnitude	Low: whilst users of the Greenway will not have to negotiate significant volumes of construction traffic (as in the case of the original and AP1 revised schemes), the temporary Greenway route would still be less convenient than at present. It is more circuitous and with corners so less well suited to cycling. Users will have to cross highways and access to the Greenway is further from the centre of the village than is currently the case. On this basis, despite some benefits due to the AP2 amendments, the magnitude of impact is unchanged from that assessed for the original and AP1 revised schemes.
Relevant receptors	Users of the Greenway.
Assessment of sensitivity of receptors (s) to impact	High: as a well used and valued resource.
Significance rating of effect	Moderate adverse effect – significant.
Proposed mitigation options for significant effects	Impact 1: N/A as no impact. Impact 2: N/A as no significant effect. Impact 3: No further mitigation identified.
Residual effects significance rating	Impact 1: No effect. The AP2 revised scheme avoids the major adverse and significant temporary amenity effect on users that was assessed as being likely to arise during construction of the original scheme. Impact 2: Minor adverse effect – not significant The AP2 revised scheme avoids a significant and permanent moderate adverse effect on Greenway users that would arise with construction of the original scheme. Impact 3: Moderate adverse effect – significant. The significance of this effect is the same as that reported in the main ES.

This table revises the assessment presented in Table 28 of Appendix CM-001-018 in Volume 5 of the main ES and relates to the assessment of the AP2 revised scheme.

4.7 Residents of Burton Green village

Table 12 - Residents of Burton Green village community impact assessment record sheet

Resource name	Residents of Burton Green village
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Residential
Resource description/profile	Burton Green is a village comprising approximately 400 dwellings, a village hall, primary school, two day care nurseries and the Peeping Tom public house.
Assessment year	Construction phase (2017+)
Impact: Isolation	<p>Impact: Disruption to journeys through the centre of the village. Whilst no significant congestion, delays or pedestrian severance effects are anticipated at Burton Green during construction, the works to demolish and reinstate the bridge at Cromwell Lane will act as a substantial visual barrier for people accessing residential properties and community facilities on either side of the works. A temporary realignment for Cromwell Lane will be provided during the works to avoid the need for lengthy closures or diversions during construction.</p> <p>Duration of impact: Approximately 6 months.</p>
Assessment of magnitude	<p>Negligible as no lengthy diversions or road closures will be required and the AP2 revised scheme reroutes construction traffic away from the centre of the village so that there would be no significant pedestrian severance effects.</p> <p>For the original scheme, the routing of construction traffic via the Hob Lane/Cromwell Lane/Red Lane junction was assessed as giving rise to a significant pedestrian severance effect, which would contribute to an isolation effect on the residents of the village. The AP2 revised scheme would avoid this.</p>
Relevant receptors	Residents of Burton Green.
Assessment of sensitivity of receptors (s) to impact	High, as residents need to use Cromwell Lane to access other residential properties and facilities located on either side of the village on a daily basis.
Significance rating of effect	<p>Minor adverse effect – not significant.</p> <p>The AP2 revised scheme avoids the major adverse and significant isolation effect identified in the assessment of the original scheme.</p>
Proposed mitigation options for significant effects	No further mitigation required, the AP2 revised scheme makes provision for a temporary realignment of Cromwell Lane to maintain this route during construction.
Residual effects significance rating	<p>Minor adverse effect – not significant.</p> <p>The AP2 revised scheme avoids the major adverse and significant isolation effect identified in the assessment of the original scheme.</p>

This table revises the assessment presented in Table 27 of Appendix CM-001-018 in Volume 5 of the main ES and relates to the assessment of the AP2 revised scheme.

5 Community impact assessment record sheets - operation

5.1 Nine dwellings at Red Lane, Burton Green

Table 13 - Nine dwellings at Red Lane, Burton Green community impact assessment record sheet

Resource name	Nine dwellings at Red Lane, Burton Green
Community forum area (CFA)	CFA18: Stoneleigh, Kenilworth and Burton Green
Resource type	Residential
Resource description/profile	Nine dwellings: 1 & 2 The Hollies, Cornerways, 4 Seaton Field, Lanthorne House, Coniston, Ashorne, Kilrenny House and Stonegate.
Assessment year	Operational phase
Impact: Change in amenity	<p>Impact: Residents of these properties are unlikely to be affected by a combination of significant noise and adverse visual effects during the operation of the AP2 revised scheme, as a result of changes proposed within amendment AP2-018-004.</p> <p>This is a change from that reported in the main ES, as the original scheme was likely to give rise to a combination of significant noise and visual impacts on residents of these properties.</p>
Assessment of magnitude	N/A
Relevant receptors	Residents of dwellings.
Assessment of sensitivity of receptors (s) to impact	N/A as no impact.
Significance rating of effect	<p>No effect.</p> <p>The AP2 revised scheme will avoid a significant major adverse amenity effect on the residents of nine properties at Red Lane Burton Green that was assessed for the original scheme and reported in the main ES.</p>
Proposed mitigation options for significant effects	N/A
Residual effects significance rating	<p>No effect.</p> <p>The AP2 revised scheme will avoid a significant major adverse amenity effect on the residents of nine properties at Red Lane Burton Green that was assessed for the original scheme and reported in the main ES.</p>

This table revises the assessment presented in Table 40 of Appendix CM-001-018 in Volume 5 of the main ES and relates to an assessment of the AP2 revised scheme.

SES AP2 ES Appendix CH-002-018

Environmental topic:	Cultural heritage	CH
Appendix name:	Gazetteer of heritage assets	002
Community forum area:	Stoneleigh, Kenilworth and Burton Green	018

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1 Introduction

- 1.1.1 This appendix provides an update to Appendix CH-002-018 Cultural heritage gazetteer of heritage assets to the main Environmental Statement (ES) as a result of design changes assessed as part of the Supplementary Environmental Statement (SES) and the Additional Provision 2 Environmental Statement (AP2ES). This update should be read in conjunction with Appendix CH-002-018 Cultural heritage gazetteer of heritage assets from the main ES.

2 Gazetteer

Table 1 - Gazetteer of heritage assets for CFA18

Unique ID	Map reference	Asset type	Name	Description	Period	Designation	Grade	Significance/ value	National Heritage List (NHL) reference	Historic Environment Record (HER) reference
STN74	CH-01-111 and CH-02-107	Ancient Woodland	Black Waste Wood	Area of Ancient Woodland which extends to area south of what is currently identified on the Ancient Woodland Inventory, as shown on Estate map of 1766.	Undated	Ancient Woodland	n/a	High	n/a	n/a
STN77	CH-01-111	Ancient Woodland	Little Pools Wood	Area of woodland described on tithe map of 1841 as woodland. Woodland includes an area of ridge and furrow earthworks within Little Pools Wood on E-N-E to W-S-W alignment. Shown in LiDAR plots (site WA18.39, see Appendix CH-004-018 in main ES)	Medieval / post-medieval	Potential Ancient Woodland	n/a	High	n/a	n/a
STN115		Ancient Woodland	Unnamed Woodland near Stoneleigh Wood	Evident on 1597 map and associated description on documents	Medieval / post-medieval	Potential Ancient Woodland	n/a	High	n/a	n/a
STN116		Ancient Woodland	Birches Wood	Noted on map of 1597 for Stoneleigh Estate where Crackley Wood and Roughknowles Wood are	Medieval / post-medieval	Potential Ancient Woodland	n/a	High	n/a	n/a

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Unique ID	Map reference	Asset type	Name	Description	Period	Designation	Grade	Significance/ value	National Heritage List (NHL) reference	Historic Environment Record (HER) reference
				shown, along with this piece of assarted land and noted as woodland on a subsequent map and inventory of 1766.						

SES AP2 ES Appendix CH-003-018

Environmental topic:	Cultural heritage	CH
Appendix name:	Impact assessment table	003
Community forum area:	Stoneleigh, Kenilworth and Burton Green	CFA18

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1 Introduction

- 1.1.1 This appendix provides an update to Appendix CH-003-018 Cultural heritage impact assessment to the main Environmental Statement (ES) as a result of design changes assessed as part of the Supplementary Environmental Statement (SES) and the Additional Provision 2 Environmental Statement (AP2ES). This update should be read in conjunction with Appendix CH-003-018 Cultural heritage impact assessment from the main ES.

2 Impact assessment

Table 1 – Impact assessment for CFA18

Unique identification	Name	Designation(s)	Value	Construction impact			Operation impact			New or different environmental effect from that reported in the main ES or the Additional Provision (AP1) ES
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect	
STN74	Black Waste Wood	Ancient Woodland	High	The Scheme would remove a small portion of the proposed extension of the Black Waste Wood Ancient Woodland.	High adverse	Major adverse	The woodland would experience an increase in noise and trains would be visible from the woods. This will effect the rural character and setting of the woodlands.	Low adverse	Moderate adverse	The impact of the Scheme on STN074 is a new significant effect, not previously identified in the Main ES or the AP1 ES.
STN77	Little Pools Wood	None	High	The woodland would experience an increase in noise and trains would be visible from the woods. This will effect the rural character and setting of the woodlands.	Low adverse	Moderate adverse	The woodland would experience an increase in noise and trains would be visible from the woods. This will effect the rural character and setting of the woodlands.	Low adverse	Moderate adverse	The identification of Little Pools Wood as potentially ancient woodland raises its value to High, thus creating a new significant effect, not previously identified in the Main ES or the AP1 ES.

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Unique identification	Name	Designation(s)	Value	Construction impact			Operation impact			New or different environmental effect from that reported in the main ES or the Additional Provision (AP1) ES
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect	
STN115	Wood near Stoneleigh Road	None	High	The Scheme would removal the approximately 60% of the woodland	High adverse	Major adverse	The woodland would experience an increase in noise and trains would be visible from the woods. This will effect the rural character and setting of the woodlands.	Low adverse	Moderate adverse	The impact of the Scheme on STN115 is a new significant effect, not previously identified in the Main ES or the AP1 ES.
STN116	Birches Wood	None	High	The Scheme would result in a complete removal of this asset	High adverse	Major adverse	None, as the woodland would be completely removed	Neutral	Neutral	The impact of the Scheme on STN116 is a new significant effect, not previously identified on the Main ES or AP1 ES.

Environmental topic:	Sound, noise and vibration	SV
Appendix name:	Operational assessment report	004
Community forum area:	Stoneleigh, Kenilworth and Burton Green	018

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1 Introduction

- 1.1.1 This appendix provides an update to Appendix SV-004-018 Operational assessment report for community forum area (CFA) Stoneleigh, Kenilworth and Burton Green from the main Environmental Statement (ES) as a result of amendment AP2-018-004 as part of the Supplementary Environmental Statement (SES) and the Additional Provision 2 Environmental Statement (AP2 ES). This update should be read in conjunction with Appendix SV- 004-018 Operational assessment report from the main ES.

2 Scope, assumptions and limitations

2.1 Changes of relevance to this assessment

SES Amendment

- 2.1.1 Operational sound, noise and vibration assessments have been undertaken for design change, SES-018-16g - the relocation of replacement Burton Green Village Hall. The village hall in the proposed location is represented by assessment location 204647.

Amendment of Provisions 2

- 2.1.2 Operational sound, noise and vibration assessments have been undertaken for the following amendments:
- Burton Green amendments (AP2-018-004):
 - Burton Green tunnel revised length and vertical alignment.
 - Revised mitigation earthworks and planting south of the Burton Green Tunnel.
 - Replacement of propped retaining walls with an earthwork cutting adjacent to Berkswell Sub-station.

3 Effects arising during operation

3.1 Avoidance and mitigation measures

- 3.1.1 These are set out in main ES, Volume 2, Report CFA18, section 11 and APES Volume 2 CFA18.

3.2 Quantitative identification of impacts and effects

Ground-borne sound and vibration

- 3.2.1 The amendments do not alter the assessment of operational ground-borne sound and vibration identified in main ES Appendix SV-004-018.

Airborne sound: direct impacts and effects

- 3.2.2 The direct effects from the operation of the Proposed Scheme including altered roads and railway lines are presented in Table 1 for assessment locations in CFA18 within the scoping distance of the SES and AP2 amendments being considered.
- 3.2.3 The assessment information, impact criteria and significance criteria for the assessment of the incorporated mitigation case at residential and non-residential receptors are presented in Table 1. The results should be considered in conjunction with the information contained in Main ES map series SV-02 in the CFA18 Volume 5 sound, noise and vibration map book.
- 3.2.4 Explanation of the Table 1 information is provided in Main ES, Volume 5: Appendix SV-001-000 and Appendix Sv-004-018.

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Table 1- Operational noise – detailed results (AP2 ES amended)

Assessment Location		Impact criteria										Significance criteria								Significant effect
ID	Area represented	Proposed Scheme only (Year 15 traffic)			Do nothing (Opening year baseline)			Do something (Opening year baseline + Year 15 traffic) ****		Change		Type of effect	Number of impacts represented	Type of receptor	Receptor design	Existing environment	Unique feature	Combined impact	Mitigation of effect	
		Day *	Night **	Max ***	Day *	Night **	Max ***	Day *	Night **	Day *	Night **									
192623	Red Lane, Burton Green	50	41	63/66	54	52	69	55	52	2	0	A	8	R	T	-	-	-	-	
192740	Red Lane, Burton Green	44	35	58/60	61	59	73	61	59	0	0	NA	34	R	T	H	-	-	-	
192801	Red Lane, Burton Green	47	38	60/63	61	59	73	61	59	0	0	NA	26	R	T	H	-	-	-	
192994	Red Lane, Burton Green	47	38	61/64	61	59	73	61	59	0	0	NA	25	R	T	H	-	-	-	
193519	Crackley Lane, Kenilworth	65	55	81/84	45	42	52	65	55	19	13	S	2	R	T	-	-	-	NI	OSV18-Do3
193528	Crackley Lane, Kenilworth	56	47	69/72	50	47	57	57	50	7	3	A	1	R	T	-	-	-	-	~
193583	Hollis Lane, Kenilworth	45	35	58/61	48	45	55	50	46	1	0	NA	5	R	T	-	-	-	-	
193618	Hollis Lane, Kenilworth	55	46	70/72	40	37	47	55	46	15	9	A	3	R	T	L	-	-	-	~
200460	Westwood Heath Road, Coventry	39	30	55/57	48	34	44	48	35	1	1	NA	5	R	T	-	-	-	-	
202456	Hob Lane, Balsall Common	42	34	56/58	46	41	49	47	42	1	1	NA	4	R	T	-	-	-	-	

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Assessment Location		Impact criteria										Significance criteria								Significant effect
ID	Area represented	Proposed Scheme only (Year 15 traffic)			Do nothing (Opening year baseline)			Do something (Opening year baseline + Year 15 traffic) ****		Change		Type of effect	Number of impacts represented	Type of receptor	Receptor design	Existing environment	Unique feature	Combined impact	Mitigation of effect	
		Day *	Night **	Max ***	Day *	Night **	Max ***	Day *	Night **	Day *	Night **									
202746	Waste Lane, Balsall Common	55	44	68/70	53	40	62	55	44	3	4	A	5	R	T	-	-	-	-	OSV18-Co3
202851	Waste Lane, Balsall Common	62	53	72/74	53	40	62	62	53	10	13	A	1	R	T	-	-	-		OSV18-Co3
202900	Waste Lane, Balsall Common	59	49	75/78	48	35	50	59	49	11	14	A	1	R	T	-	-	-	-	OSV18-Co3
202921	Waste Lane, Balsall Common	58	48	72/75	53	40	62	58	48	5	8	A	4	R	T	-	-	-	-	OSV18-Co3
203166	Waste Lane, Balsall Common	56	46	73/75	53	40	62	56	46	4	6	A	2	R	T	-	-	-	-	OSV18-Co3
204079	Hodgetts Lane, Burton Green	39	30	64/66	50	48	50	51	48	0	0	NA	5	R	T	-	-	-	-	
204103	Cromwell Lane, Burton Green	40	30	63/66	47	40	51	47	41	1	0	NA	2	R	T	-	-	-	-	
204138	Cromwell Lane, Burton Green	43	34	61/63	47	40	51	48	41	2	1	NA	9	R	T	-	-	-	-	
204193	Cromwell Lane, Burton Green	43	34	63/66	47	40	51	48	41	1	1	NA	4	R	T	-	-	-	-	
204223	Cromwell Lane, Burton Green	44	35	64/67	47	40	51	49	41	2	1	NA	4	R	T	-	-	-	-	

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Assessment Location		Impact criteria										Significance criteria								Significant effect
ID	Area represented	Proposed Scheme only (Year 15 traffic)			Do nothing (Opening year baseline)			Do something (Opening year baseline + Year 15 traffic) ****		Change		Type of effect	Number of impacts represented	Type of receptor	Receptor design	Existing environment	Unique feature	Combined impact	Mitigation of effect	
		Day *	Night **	Max ***	Day *	Night **	Max ***	Day *	Night **	Day *	Night **									
204255	Cromwell Lane, Burton Green	43	34	61/64	47	41	51	49	42	1	1	NA	6	R	T	-	-	-	-	#
204406	Hob Lane, Burton Green	39	29	53/55	53	44	54	53	44	0	0	NA	7	R	T	-	-	-	-	
204480	Hob Lane, Burton Green	43	33	57/60	51	49	51	52	50	1	0	NA	2	R	T	-	-	-	-	
204571	Hob Lane, Burton Green	35	26	47/50	44	37	41	44	37	1	0	NA	6	R	T	-	-	-	-	
204647	Red Lane, Burton Green	44	35	59/62	47	41	51	49	42	2	1	NA	10	R	T	-	-	-	-	
204672	Cromwell Lane, Burton Green	45	35	63/66	47	40	51	49	42	2	1	NA	10	R	T	-	-	-	-	
204704	Hob Lane, Burton Green	37	28	52/55	70	48	64	70	48	0	0	NA	4	R	T	H	-	-	-	
204827	Waste Lane, Balsall Common	51	42	64/67	47	34	50	53	43	6	8	A	8	R	T	-	-	-	-	OSV18-Co3
204847	Waste Lane, Balsall Common	55	45	69/71	47	34	50	55	45	8	11	A	1	R	T	-	-	-	-	OSV18-Co3
204916	Hodgetts Lane, Burton Green	50	41	67/70	47	45	50	52	46	5	2	A	4	R	T	-	-	-	-	~
204998	Hodgetts Lane, Burton Green	43	34	66/69	49	47	50	50	47	1	0	NA	5	R	T	-	-	-	-	

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Assessment Location		Impact criteria										Significance criteria								Significant effect
ID	Area represented	Proposed Scheme only (Year 15 traffic)			Do nothing (Opening year baseline)			Do something (Opening year baseline + Year 15 traffic) ****		Change		Type of effect	Number of impacts represented	Type of receptor	Receptor design	Existing environment	Unique feature	Combined impact	Mitigation of effect	
		Day *	Night **	Max ***	Day *	Night **	Max ***	Day *	Night **	Day *	Night **									
205051	Hodgetts Lane, Burton Green	47	38	65/68	49	47	50	51	47	2	1	NA	6	R	T	-	-	-	-	
205107	Cromwell Lane, Burton Green	43	34	61/63	47	40	51	48	41	1	1	NA	7	R	T	-	-	-	-	
205176	Cromwell Lane, Burton Green	43	34	61/64	47	40	51	48	41	2	1	NA	10	R	T	-	-	-	-	
205188	Hodgetts Lane, Burton Green	44	35	64/67	49	47	50	50	47	1	0	NA	8	R	T	-	-	-	-	
205246	Cromwell Lane, Burton Green	43	34	60/63	50	43	51	51	44	1	0	NA	10	R	T	-	-	-	-	
205259	Hodgett's Lane, Stoneleigh	47	37	68/71	49	47	50	51	47	2	0	NA	1	R	T	-	-	-	-	~
205270	Hodgetts Lane, Berkswell	49	39	63/65	47	34	50	51	41	4	6	NA	4	R	T	-	-	-	-	#
205274	Nailcote Lane, Berkswell	46	37	60/62	62	43	56	62	44	0	1	NA	3	R	T	-	-	-	-	
206065	Nailcote Lane, Berkswell	42	33	57/60	66	56	79	66	56	0	0	NA	1	R	T	H	-	-	-	
206156	Nailcote Lane, Berkswell	41	32	53/56	64	56	79	64	56	0	0	NA	5	R	T	H	-	-	-	
206363	Bockendon Road, Coventry	51	41	68/70	41	40	41	51	44	10	4	A	3	R	T	L	-	-	-	~
206371	Crackley Lane, Kenilworth	50	41	67/69	53	52	56	55	52	2	0	A	6	R	T	-	-	-	-	

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Assessment Location		Impact criteria										Significance criteria								Significant effect
ID	Area represented	Proposed Scheme only (Year 15 traffic)			Do nothing (Opening year baseline)			Do something (Opening year baseline + Year 15 traffic) ****		Change		Type of effect	Number of impacts represented	Type of receptor	Receptor design	Existing environment	Unique feature	Combined impact	Mitigation of effect	
		Day *	Night **	Max ***	Day *	Night **	Max ***	Day *	Night **	Day *	Night **									
206392	Red Lane, Burton Green	54	44	67/70	57	46	55	59	48	2	2	A	33	R	T	-	-	-	-	
206457	Red Lane, Burton Green	48	38	62/65	53	42	51	54	43	1	2	NA	1	R	T	-	-	-	-	
206515	Red Lane, Burton Green	53	43	66/68	56	45	55	58	47	2	2	A	5	R	T	-	-	-	-	
206561	Red Lane, Burton Green	51	42	65/68	56	45	55	57	47	1	2	A	5	R	T	-	-	-	-	
207279	Cromwell Lane, Coventry	38	28	51/54	56	37	49	56	37	0	1	NA	14	R	T	-	-	-	-	
207331	Cromwell Lane, Burton Green	38	29	57/60	58	39	49	58	39	0	0	NA	15	R	T	-	-	-	-	
207393	Cromwell Lane, Coventry	36	27	55/58	58	39	49	58	39	0	0	NA	17	R	T	-	-	-	-	
207631	Cromwell Lane, Coventry	35	26	49/51	58	39	49	58	39	0	0	NA	8	R	T	-	-	-	-	
207990	Cromwell Lane, Burton Green	41	32	58/60	47	40	51	48	41	1	1	NA	16	R	T	-	-	-	-	
208148	Cromwell Lane, Burton Green	41	31	58/61	60	48	58	60	48	0	0	NA	19	R	T	-	-	-	-	
208215	Cromwell Lane, Burton Green	39	29	52/55	56	37	49	56	38	0	1	NA	19	R	T	-	-	-	-	
209053	Crackley Lane, Kenilworth	54	45	69/72	48	45	55	55	48	7	3	A	1	R	T	-	-	-	-	~

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Assessment Location		Impact criteria										Significance criteria								Significant effect
ID	Area represented	Proposed Scheme only (Year 15 traffic)			Do nothing (Opening year baseline)			Do something (Opening year baseline + Year 15 traffic) ****		Change		Type of effect	Number of impacts represented	Type of receptor	Receptor design	Existing environment	Unique feature	Combined impact	Mitigation of effect	
		Day *	Night **	Max ***	Day *	Night **	Max ***	Day *	Night **	Day *	Night **									
700626	Hob Lane, Burton Green	40	31	54/56	53	44	54	53	44	0	0	NA	1	R	T	-	-	-	-	
192623	Red Lane, Burton Green, (General Commercial)	50	41	63/66	54	52	69	55	52	2	0	B	2	G5	T	-	-	-	-	
202851	Waste Lane, Balsall Common, (General Commercial)	62	53	72/74	53	40	62	62	53	10	13	B	1	G5	T	-	-	-	-	^
204480	Burton Green Primary School, Hob Lane (School)	43	33	57/60	51	49	51	52	50	1	0	B	1	G5	T	-	-	-	-	
204647	Burton Green Village Hall, (Hall)	44	35	59/62	47	41	51	49	42	2	1	B	1	G4	T	-	-	-	-	
206065	Nailcote Lane, Berkswell, (General Commercial)	42	33	57/60	66	56	79	66	56	0	0	B	1	G5	T	H	-	-	-	
206156	Nailcote Hall Hotel, Nailcote Lane, Berkswell (Hotel)	41	32	53/56	64	56	79	64	56	0	0	B	1	G4	T	-	-	-	-	

Direct impact - Summary

- 3.2.5 The operational airborne noise impacts identified in Table 1 are summarised in Table 2, including those included in Main ES Appendix 5, SV-004-018 Table 4.

Table 2 - Summary of operational airborne sound impacts

Receptor	Number of Impacts		
	Minor	Moderate	Major
Residential properties	19	45	12
Non-residential properties	0	1	8
Quiet Areas	None	None	None

3.3 Assessment of significance of effects

Residential receptors: direct effects - individual dwellings

- 3.3.1 The main ES identifies three dwellings in the area affected by the amendment of provisions that are estimated to be offered noise insulation.
- 3.3.2 The noise mitigation provided by the amendment has resulted in sound levels inside one of these dwellings, Little Beanit Farm, Waste Lane, Balsall Common, reducing to below the level at which noise would significantly affect residents. This property is consequently no longer estimated to qualify for noise insulation.

Residential receptors: direct effects - communities

- 3.3.3 The main ES scheme identified likely significant effect at Burton Green, at approximately 35 dwellings in the vicinity of Cromwell Lane and Red Lane closest to the Proposed Scheme, identified in main ES Appendix SV-004-018 Table 3 as OSV18-Co2. At this community the likely adverse noise effect was predicted as a result of increases in sound from new train services.
- 3.3.4 The noise mitigation provided by the amendment reduces the operational noise levels associated with the new train services, to an extent that the levels at the properties on Cromwell Lane and Red Lane are either subject to negligible impact or levels below the lowest observed adverse effect level, thus removing the significant operational noise effect identified in the Main ES.

Residential receptors: indirect effects

- 3.3.5 No change from Main ES.

Non-residential receptors: direct effects

- 3.3.6 The assessment has included the relocated Burton Green Village Hall. The hall in the new location is subject to levels below the screening criteria for a hall defined in Main ES SV-001-000. No effect is identified as a result of operation of the HS2 route on the new village hall location.

Non-residential receptors: indirect effects

3.3.7 No change from Main ES.

Cumulative effects

3.3.8 No change from Main ES.

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