# High Speed Rail (West Midlands - Crewe) Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

LV-01 - Photomontages



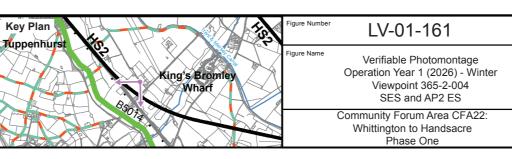


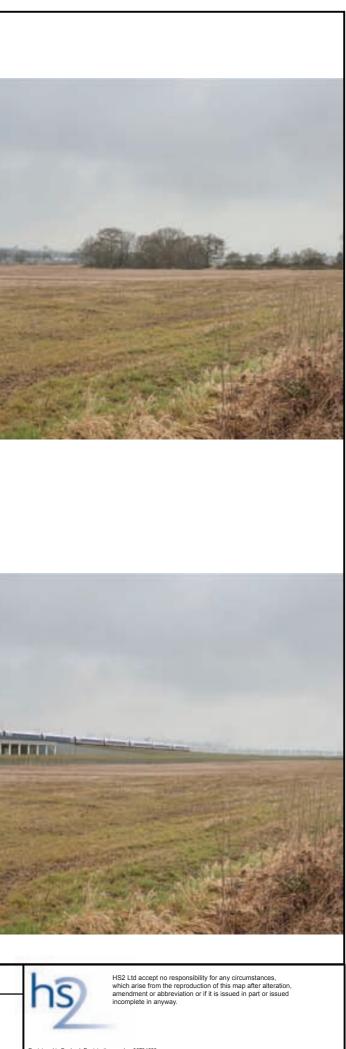
Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information Location: Viewpoint 365-2-004: View south-west from Tuppenhurst Lane near Show Lane Farm and Shaw House. Date taken: 19/03/13 Time taken: 09:35 Focal length: 57.296mm AP Reference: AP2-022-001 Status: Revised photomontage Viewpoint location shown on Map LV-04-096. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.





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Date:09/06/15

## Viewpoint 365.2.004: View south-west from Tuppenhurst Lane

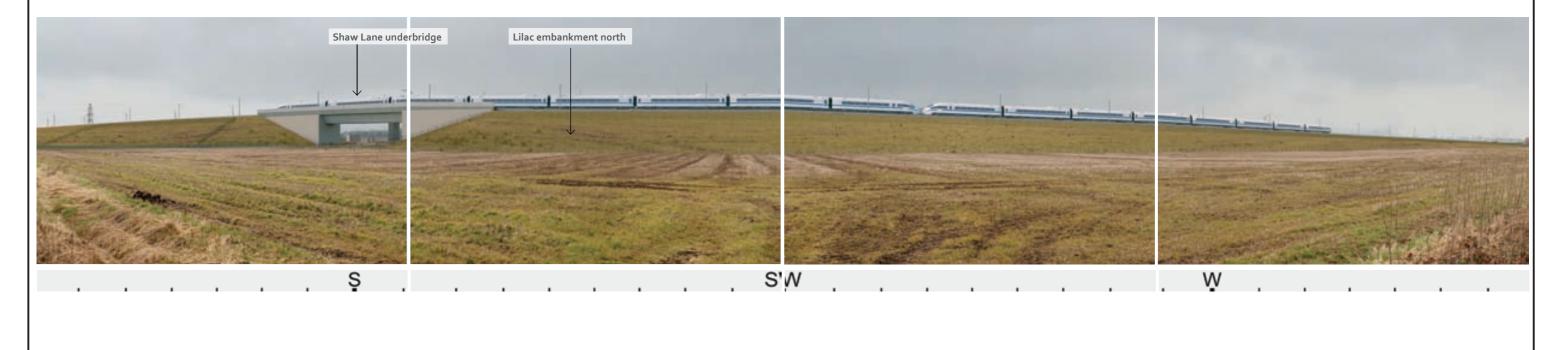
This viewpoint is representative of views experienced by residential receptors at Shaw Lane Farm and Shaw House, near Shaw Lane Farm and Shaw House<sup>1</sup>.

#### **Current baseline - Winter view**

Date taken: 14/03/2012. Camera: Nikon D3100 35mm lens (this stitched panorama differs in layout as it was created for Phase One of HS2 to a different methodology). Approximate GPS Co-ordinates ref: 410468.6875, 314491.2813.

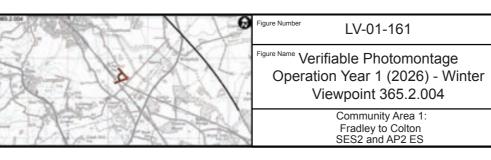


Winter Verifiable Photomontage - Operation year 1 (2026) Date taken: 14/03/2012. Camera: Nikon D3100 35mm lens (this stitched panorama differs in layout as it was created for Phase One of HS2 to a different methodology). Approximate GPS Co-ordinates ref: 410468.6875, 314491.2813.



The viewpoint has been taken approximately 126 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-203-L1.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2026 (the opening year). The design of the AP2 revised scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the AP2 revised scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the AP2 revised scheme into the landscape.





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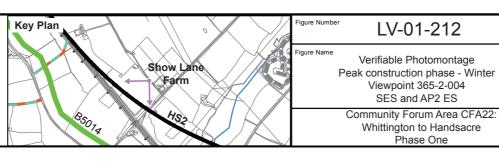


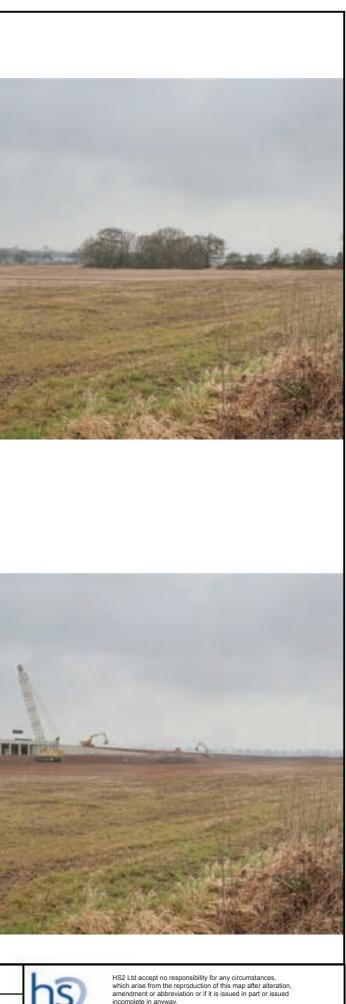
Peak construction phase - Winter verifiable photomontage



**Technical Information** Location: Viewpoint 365-2-004: View south-west from Tuppenhurst Lane near Shaw Lane Farm and Shaw House. Date taken: 19/03/13 Time taken: 09:35 Focal length: 57.296mm AP Reference: AP2-022-001 Status: Revised photomontage Viewpoint location shown on Map LV-03-096. For key plan legend refer to map series LV-03.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look during the peak construction phase for this part of the route. The construction methods and siting of construction activities may be subject to change in response to consultation and ongoing design. The extent of land required temporarily to construct the scheme will not extend beyond that shown in the photomontage. Changes in the construction of the Proposed Scheme will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme.





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incomplete in anyway

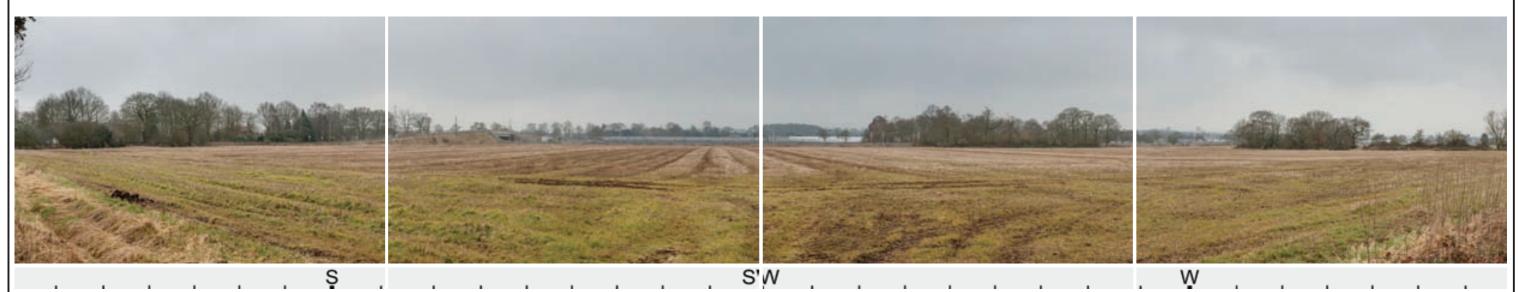
Date:09/06/15

## Viewpoint 365.2.004: View south-west from Tuppenhurst Lane

This viewpoint is representative of views experienced by residential receptors at Shaw Lane Farm and Shaw House, near Shaw Lane Farm and Shaw House<sup>1</sup>.

#### **Current baseline - Winter view**

Date taken: 14/03/2012. Camera: Nikon D3100 35mm lens (this stitched panorama differs in layout as it was created for Phase One of HS2 to a different methodology). Approximate GPS Co-ordinates ref: 410468.6875, 314491.2813.



### Winter Verifiable Photomontage - Peak construction phase (2023)

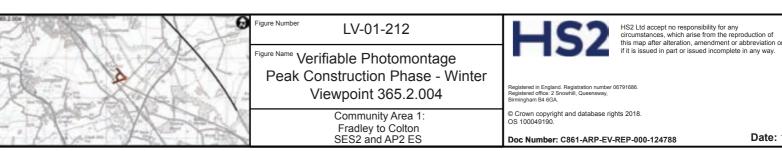
Date taken: 14/03/2012. Camera: Nikon D3100 35mm lens (this stitched panorama differs in layout as it was created for Phase One of HS2 to a different methodology). Approximate GPS Co-ordinates ref: 410468.6875, 314491.2813.



The viewpoint has been taken approximately 126 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-07-203-L1.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look during the peak construction phase for this part of the route. The construction methods and siting of construction activities may be subject to change in response to consultation and ongoing design. The extent of land required temporarily to construct the scheme will not extend beyond that shown in the photomontage. Changes in the construction of the AP2 revised scheme will not result in any significant adverse change in the environmental effects detailed in the

Changes in the construction of the AP2 revised scheme will not result in any significant adverse change in the environmental effects detailed in the photomontages of the AP2 revised scheme.



#### Current baseline (2013)



Operation Year 15 (2041) - Summer verifiable photomontage



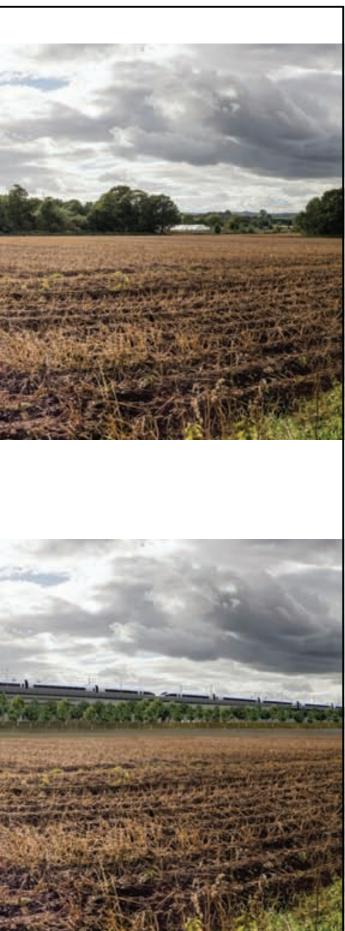
**Technical Information** Location: Viewpoint 365-2-004: View south-west from Tuppenhurst Lane near Show Lane Farm and Shaw House. Date taken: 18/09/13 Time taken: 16:15 Focal length: 57.296mm AP Reference: AP2-022-001 Status: Revised photomontage Viewpoint location shown on Map LV-04-096. For key plan legend refer to map series LV-04. This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2041 (15 years after opening). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the Proposed Scheme will further integrate into the landscape over time.



LV-01-262

<sup>igure Name</sup> Verifiable Photomontage Operation Year 15 (2041) - Summer Viewpoint 365-2-004 SES and AP2 ES

Community Forum Area CFA22: Whittington to Handsacre Phase One



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Date:09/06/15

## Viewpoint 365.2.004: View south-west from Tuppenhurst Lane

This viewpoint is representative of views experienced by residential receptors at Shaw Lane Farm and Shaw House, near Shaw Lane Farm and Shaw House<sup>1</sup>.

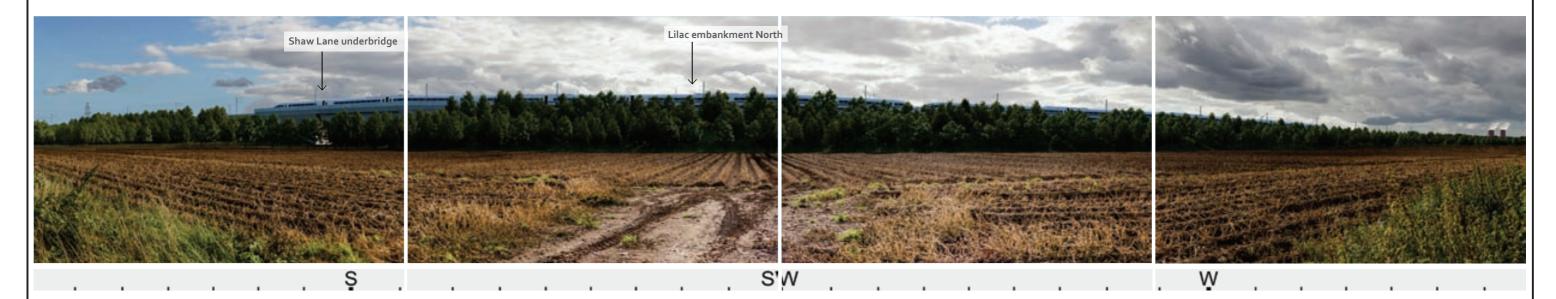
#### **Current baseline - Summer view**

Date taken: 09/08/2012. Camera: Nikon D3100 35mm lens (this stitched panorama differs in layout as it was created for Phase One of HS2 to a different methodology). Approximate GPS Co-ordinates ref: 410468.6875, 314491.2813.



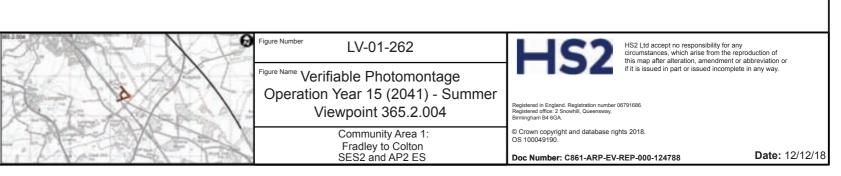
### Summer Verifiable Photomontage - Operation year 15 (2041)

Date taken: 09/08/2012. Camera: Nikon D3100 35mm lens (this stitched panorama differs in layout as it was created for Phase One of HS2 to a different methodology). Approximate GPS Co-ordinates ref: 410468.6875, 314491.2813.



The viewpoint has been taken approximately 126 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-203-L1.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2041 (15 years after opening). The design of the AP2 revised scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the AP2 revised scheme. Where new planting is proposed, it has been shown as semimature trees which have put on 15 years of growth to illustrate how the AP2 revised scheme will further integrate into the landscape over time.



### Viewpoint 004.03.005: View south-west from track off Blithbury Road

This viewpoint is representative of views experienced by recreational receptors on Mavesyn Ridware 34.

#### **Current Baseline - Winter View**

Date taken: 22/03/2016. Time taken: 16:07. Camera: Sony a7RII, Zeiss Loxia 50mm lens (stitched panorama). Co-ordinates: 409454.214, 318866.721. Elevation: 93.142 Metres AOD.



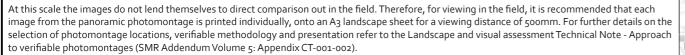
#### Winter Verifiable Photomontage - Operation Year 1 (2027)

Date taken: 22/03/2016. Time taken: 16:07. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 409454.214, 318866.721. Elevation: 93.142 Metres AOD.



The viewpoint has been taken approximately 511 metres away from the Proposed Scheme. Viewpoint location shown on Map LV-08-205. For full details of the visual assessment at viewpoint 004.03.005 refer to Volume 5: Appendix LV-001-003, Part 3.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2027 (opening year) to help inform the visual impact assessment. The design of the LV-01-511 Proposed Scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape





### Viewpoint 004.03.005: View south-west from track off Blithbury Road

This viewpoint is representative of views experienced by recreational receptors on Mavesyn Ridware 34.

#### **Current baseline - Winter**

Date taken: 22/03/2016. Time taken: 16:07. Camera: Sony a7RII, Zeiss Loxia 50mm lens (stitched panorama). Approximate GPS Co-ordinates ref: 409454.214, 318866.721. Elevation: 93.142 metres AOD.



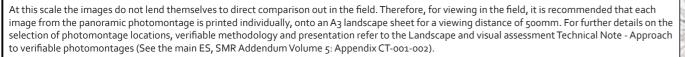
### Winter Verifiable Photomontage - Operation Year 1 (2027)

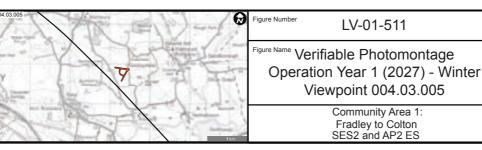
Date taken: 22/03/2016. Time taken: 16:07. Camera: Sony a7RII, Zeiss Loxia 50mm lens (stitched panorama). Approximate GPS Co-ordinates ref: 409454.214, 318866.721. Elevation: 93.142 metres AOD.



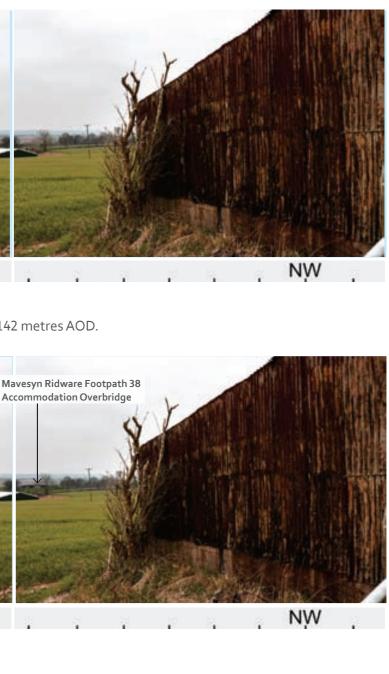
The viewpoint has been taken approximately 511 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-205.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2027 (opening year) to help inform the visual impact assessment. The design of the AP2 revised scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the AP2 revised scheme into the landscape











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his viewpoint is representative of views experienced by recreational receptors on Colton Footpath 57.

#### **Current Baseline - Winter View**

Date taken: 22/03/2016. Time taken: 14:24. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.872, 322048.793. Elevation: 89.487 Metres AOD.



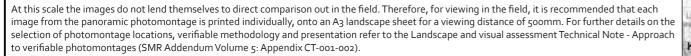
#### Winter Verifiable Photomontage - Operation Year 1 (2027)

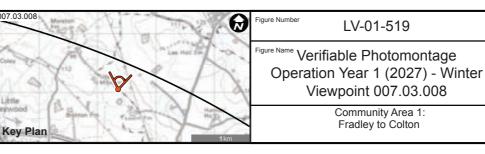
Date taken: 22/03/2016. Time taken: 14:24. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.872, 322048.793. Elevation: 89.487 Metres AOD.



NOTE: Exact pylon design has not been shown at this stage. Exact appearance of pylon may vary following detailed design. The viewpoint has been taken approximately 480 metres away from the Proposed Scheme. Viewpoint location shown on Map LV-08-208a. For full details of the visual assessment at viewpoint 007.03.008 refer to Volume 5: Appendix LV-001-003, Part 3.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2027 (opening year) to help inform the visual impact assessment. The design of the LV-01-519 Proposed Scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.







This viewpoint is representative of views experienced by recreational receptors on Colton Footpath 57.

#### **Current baseline - Winter view**

Date taken: 22/03/2016. Time taken: 14:24. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.872, 322048.793. Elevation: 89.487 metres AOD.



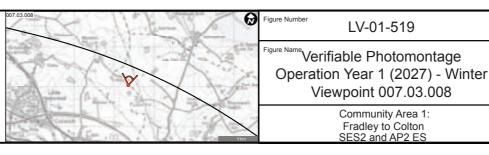
Winter Verifiable Photomontage - Operation year 1 (2027) Date taken: 04/08/2016. Time taken: 10:37. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.876,322048.789. Elevation: 89.502 metres AOD.



The viewpoint has been taken approximately 480 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-208a.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2027 (opening year) to help inform the visual impact assessment. The design of the AP2 revised scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the AP2 revised scheme into the landscape

At this scale the images do not lend themselves to direct comparison out in the field. Therefore, for viewing in the field, it is recommended that each image from the panoramic photomontage is printed individually, onto an A3 landscape sheet for a viewing distance of 500mm. For further details on the selection of photomontage locations, verifiable methodology and presentation refer to the Landscape and visual assessment Technical Note - Approach to verifiable photomontages (See the main ES, SMR Addendum Volume 5: Appendix CT-001-002).





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This viewpoint is representative of views experienced by recreational receptors on Colton Footpath 57.

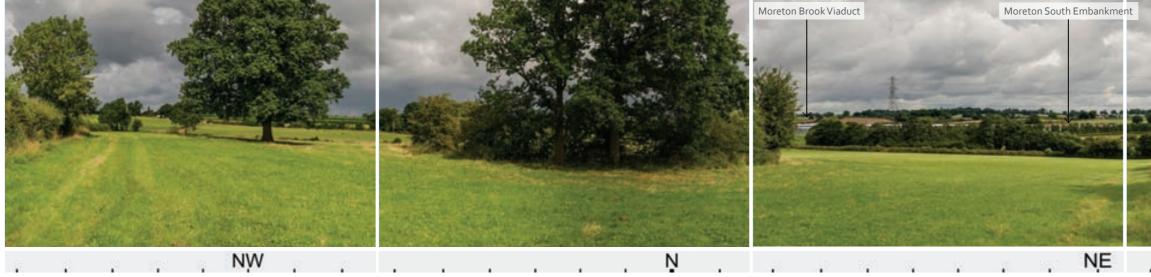
#### **Current Baseline - Summer View**

Date taken: 04/08/2016. Time taken: 10:37. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.876,322048.789. Elevation: 89.502 Metres AOD.



#### Summer Verifiable Photomontage - Operation Year 15 (2042)

Date taken: 04/08/2016. Time taken: 10:37. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.876, 322048.789. Elevation: 89.502 Metres AOD.



NOTE: Exact pylon design has not been shown at this stage. Exact appearance of pylon may vary following detailed design. The viewpoint has been taken approximately 480 metres away from the Proposed Scheme. Viewpoint location shown on Map LV-08-208a. For full details of the visual assessment at viewpoint 007.03.008 refer to Volume 5: Appendix LV-001-003, Part 3.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2042 (15 years after opening) to help inform the visual impact assessment. The design of the LV-01-634 Proposed Scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the Proposed Scheme will further integrate into the landscape over time.

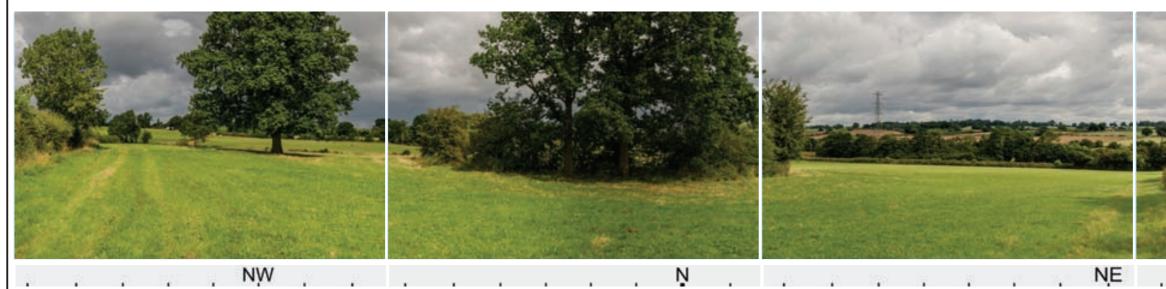
At this scale the images do not lend themselves to direct comparison out in the field. Therefore, for viewing in the field, it is recommended that each image from the panoramic photomontage is printed individually, onto an A3 landscape sheet for a viewing distance of 500mm. For further details on the selection of photomontage locations, verifiable methodology and presentation refer to the Landscape and visual assessment Technical Note - Approach to verifiable photomontages (SMR Addendum Volume 5: Appendix CT-001-002).



This viewpoint is representative of views experienced by recreational receptors on Colton Footpath 57.

#### **Current baseline - Summer view**

Date taken: 04/08/2016. Time taken: 10:37. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.876,322048.789. Elevation: 89.502 metres AOD.



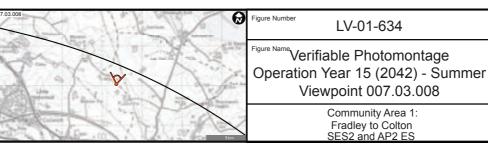
Summer Verifiable Photomontage - Operation year 15 (2042) Date taken: 04/08/2016. Time taken: 10:37. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 403351.876,322048.789. Elevation: 89.502 metres AOD.



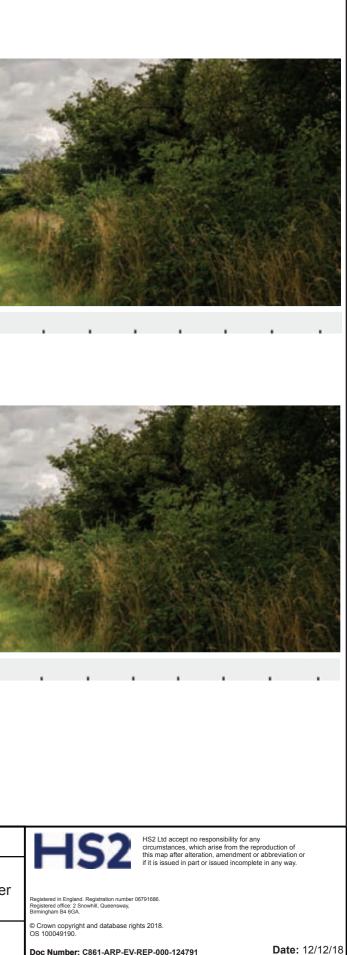
The viewpoint has been taken approximately 480 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-208a.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2042 (15 years after opening) to help inform the visual impact assessment. The design of the AP2 revised scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the AP2 revised scheme will further integrate into the landscape over time.

At this scale the images do not lend themselves to direct comparison out in the field. Therefore, for viewing in the field, it is recommended that each image from the panoramic photomontage is printed individually, onto an A3 landscape sheet for a viewing distance of 500mm. For further details on the selection of photomontage locations, verifiable methodology and presentation refer to the Landscape and visual assessment Technical Note - Approach to verifiable photomontages (See the main ES, SMR Addendum Volume 5: Appendix CT-001-002).









## Viewpoint 005.03.024: View south-east from Newlands Lane

This viewpoint is representative of views experienced by recreational receptors using Colton Footpath 79 and transport receptors using Newlands Lane.

#### **Current Baseline - Summer View**

Date taken: 28/08/2018. Time taken: 14:09. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Approximate GPS Co-ordinates ref: 407136.423, 321622.368. Elevation: 101.434 metres AOD.



### Summer Verifiable Photomontage - Operation Year 15 (2042)

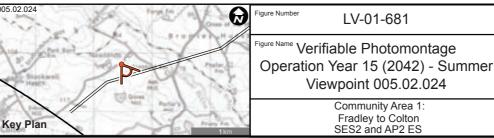
Date taken: 28/08/2018. Time taken: 14:09. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Approximate GPS Co-ordinates ref: 407136.423, 321622.368. Elevation: 101.434 metres AOD.

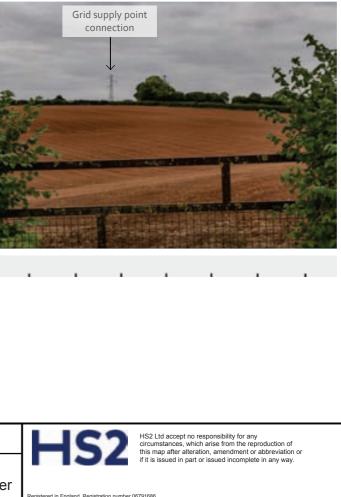


The viewpoint has been taken approximately 180 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-206.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2042 (15 years after opening) to help inform the visual impact assessment. The design of the AP2 revised scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the AP2 revised scheme will further integrate into the landscape over time.

At this scale the images do not lend themselves to direct comparison out in the field. Therefore, for viewing in the field, it is recommended that each image from the panoramic photomontage is printed individually, onto an A3 landscape sheet for a viewing distance of 500mm. For further details on the selection of photomontage locations, verifiable methodology and presentation refer to the Landscape and visual assessment Technical Note - Approach to verifiable photomontages (See the main ES, SMR Addendum Volume 5: Appendix CT-001-002).





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# Viewpoint 005.02.031: View south-east from the B5234 at Bromley Wood

This viewpoint is representative of views experienced by residential receptors at Slate House and the surrounding properties at Bromley Wood and transport receptors using the B5234 Abbots Bromley to Burton upon Trent Road.

### **Current Baseline - Summer View**

Date taken: 28/08/2018. Time taken: 16:45. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 410318.856, 324345.983. Elevation: 120.582 Metres AOD.



### Summer Verifiable Photomontage - Operation Year 15 (2042)

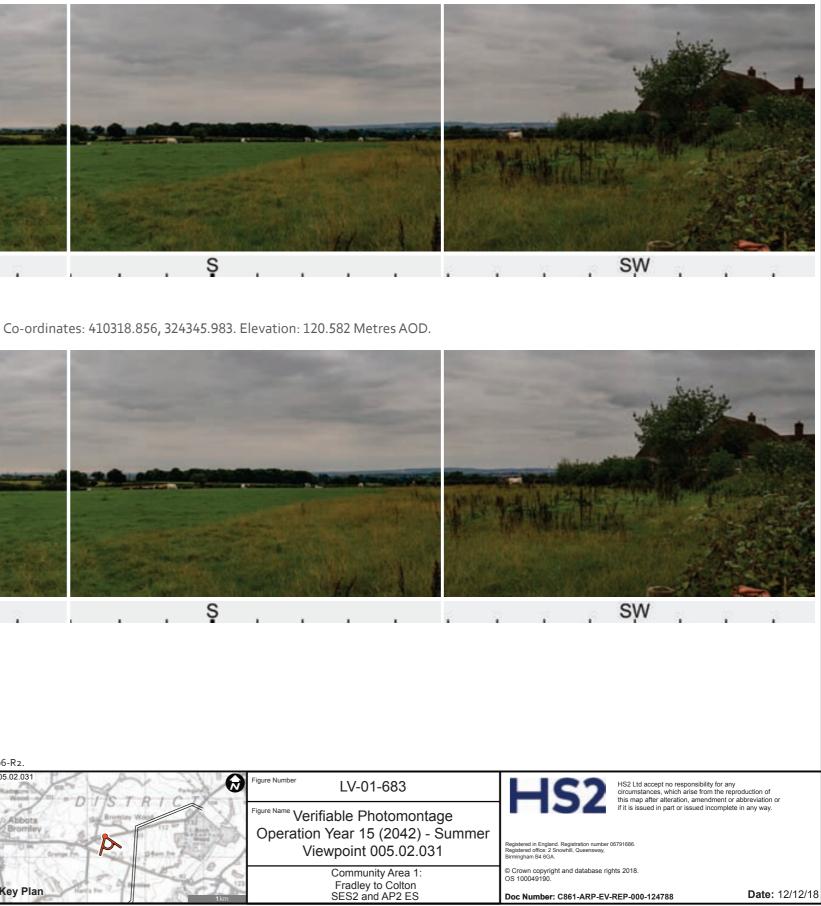
Date taken: 28/08/2018. Time taken: 16:45. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Co-ordinates: 410318.856, 324345.983. Elevation: 120.582 Metres AOD.



The viewpoint has been taken approximately 570 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-206-R1 and LV-08-206-R2.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2042 (15 years after opening) to help inform the visual impact assessment. The design of the AP2 revised scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the AP2 revised scheme will further integrate into the landscape over time.

At this scale the images do not lend themselves to direct comparison out in the field. Therefore, for viewing in the field, it is recommended that each image from the panoramic photomontage is printed individually, onto an A3 landscape sheet for a viewing distance of 500mm. For further details on the selection of photomontage locations, verifiable methodology and presentation refer to the Landscape and visual assessment Technical Note - Approach to verifiable photomontages (See the main ES, SMR Addendum Volume 5: Appendix CT-001-002).





# Viewpoint 005.02.035: View south from B5234 near Parkgate

This viewpoint is representative of views experienced by transport receptors using B5234 Abbots Bromley to Burton upon Trent Road and residential receptors at Parkgate.

### **Current Baseline - Summer View**

Date taken: 21/09/2018. Time taken: 15:00. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Approximate GPS Co-ordinates ref: 412084.224, 325036.157. Elevation: 106.383 metres AOD.



#### Summer Verifiable Photomontage - Operation Year 15 (2042)

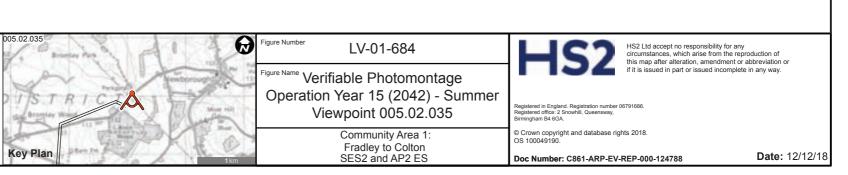
Date taken: 21/09/2018. Time taken: 15:00. Camera: Sony a7RII, Zeiss Loxia 50mm f/2.0 lens (stitched panorama). Approximate GPS Co-ordinates ref: 412084.224, 325036.157. Elevation: 104.799 metres AOD.



The viewpoint has been taken approximately 160 metres away from the AP2 revised scheme. Viewpoint location shown on Map LV-08-206-R2.

This verifiable photomontage provides an illustration of how the AP2 revised scheme may look in 2042 (15 years after opening) to help inform the visual impact assessment. The design of the AP2 revised scheme may be subject to design development in response to consultation. Development of detail design after Hybrid Bill submission will not result in any significant adverse change in the environmental effects reported in the assessment. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the AP2 revised scheme will further integrate into the landscape over time.

At this scale the images do not lend themselves to direct comparison out in the field. Therefore, for viewing in the field, it is recommended that each image from the panoramic photomontage is printed individually, onto an A3 landscape sheet for a viewing distance of 500mm. For further details on the selection of photomontage locations, verifiable methodology and presentation refer to the Landscape and visual assessment Technical Note - Approach to verifiable photomontages (See the main ES, SMR Addendum Volume 5: Appendix CT-001-002).



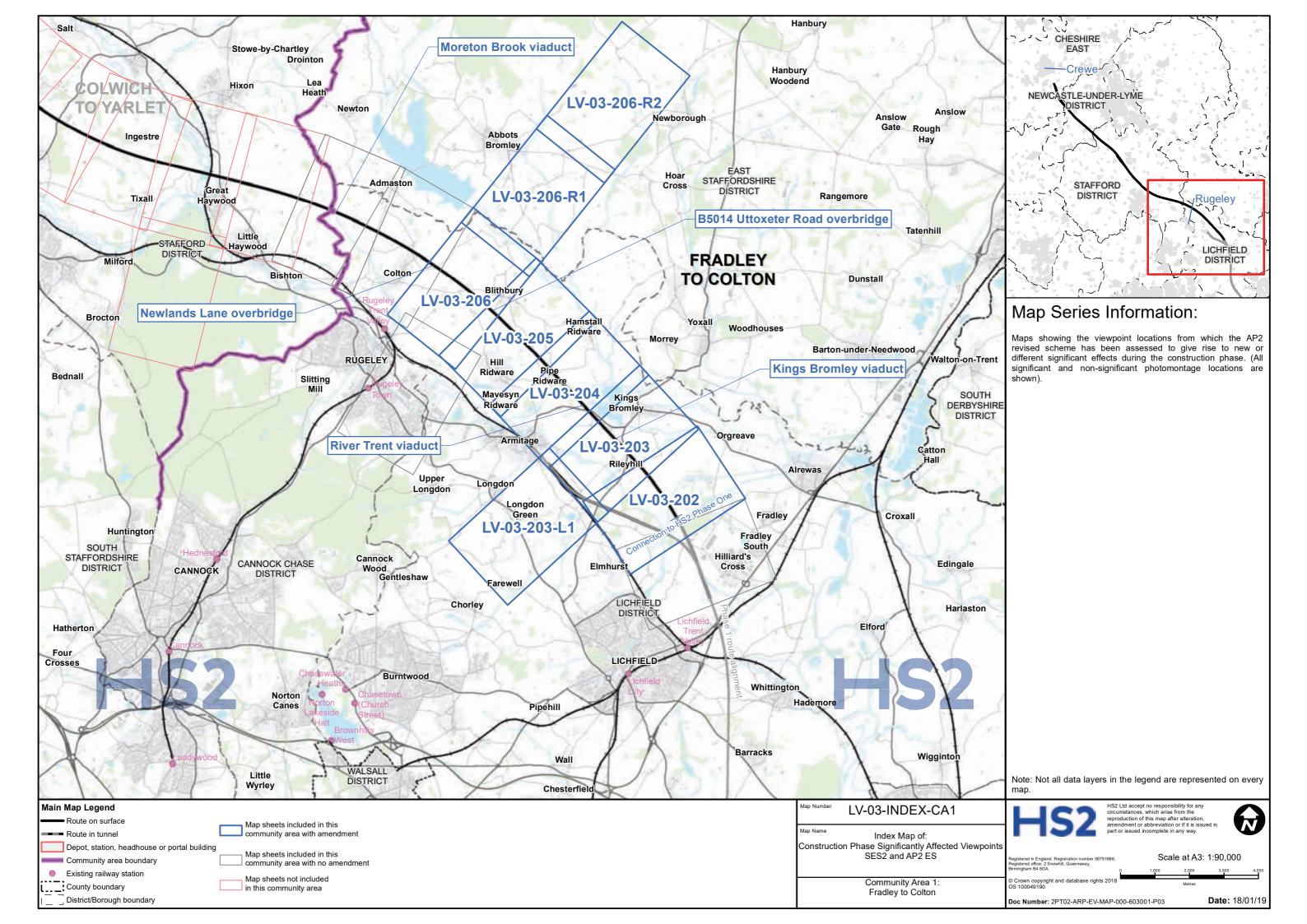
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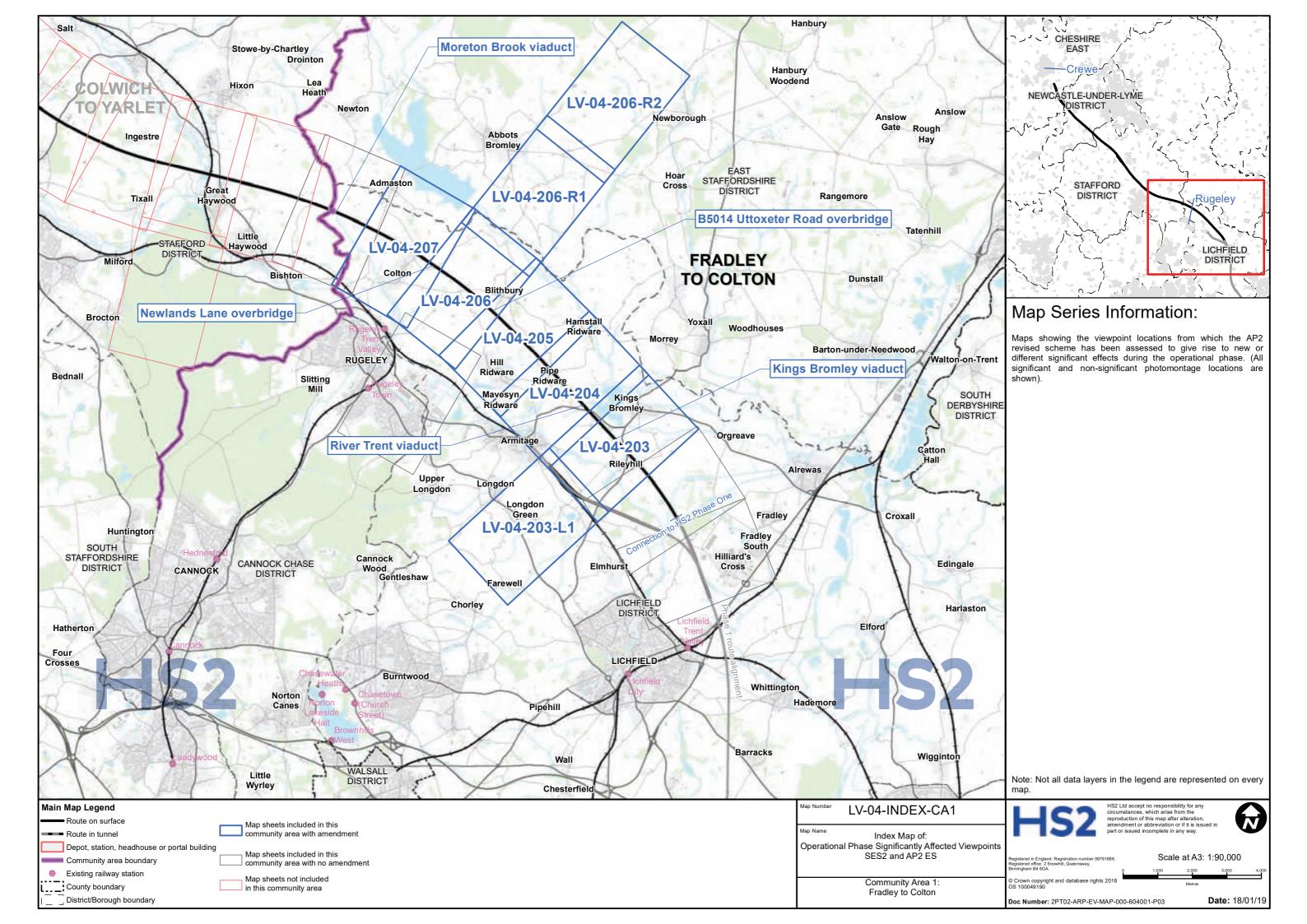


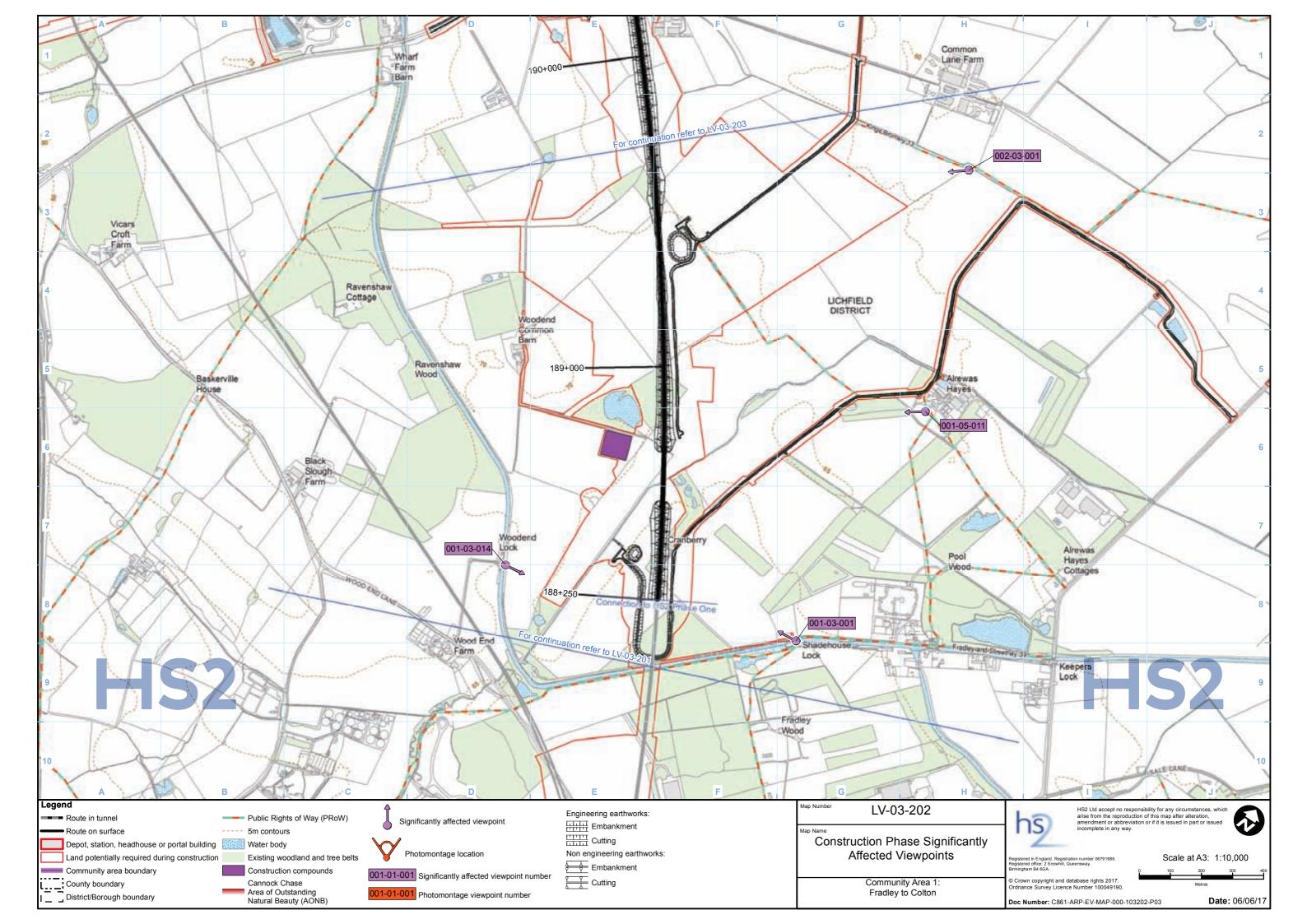
# High Speed Rail (West Midlands - Crewe) Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

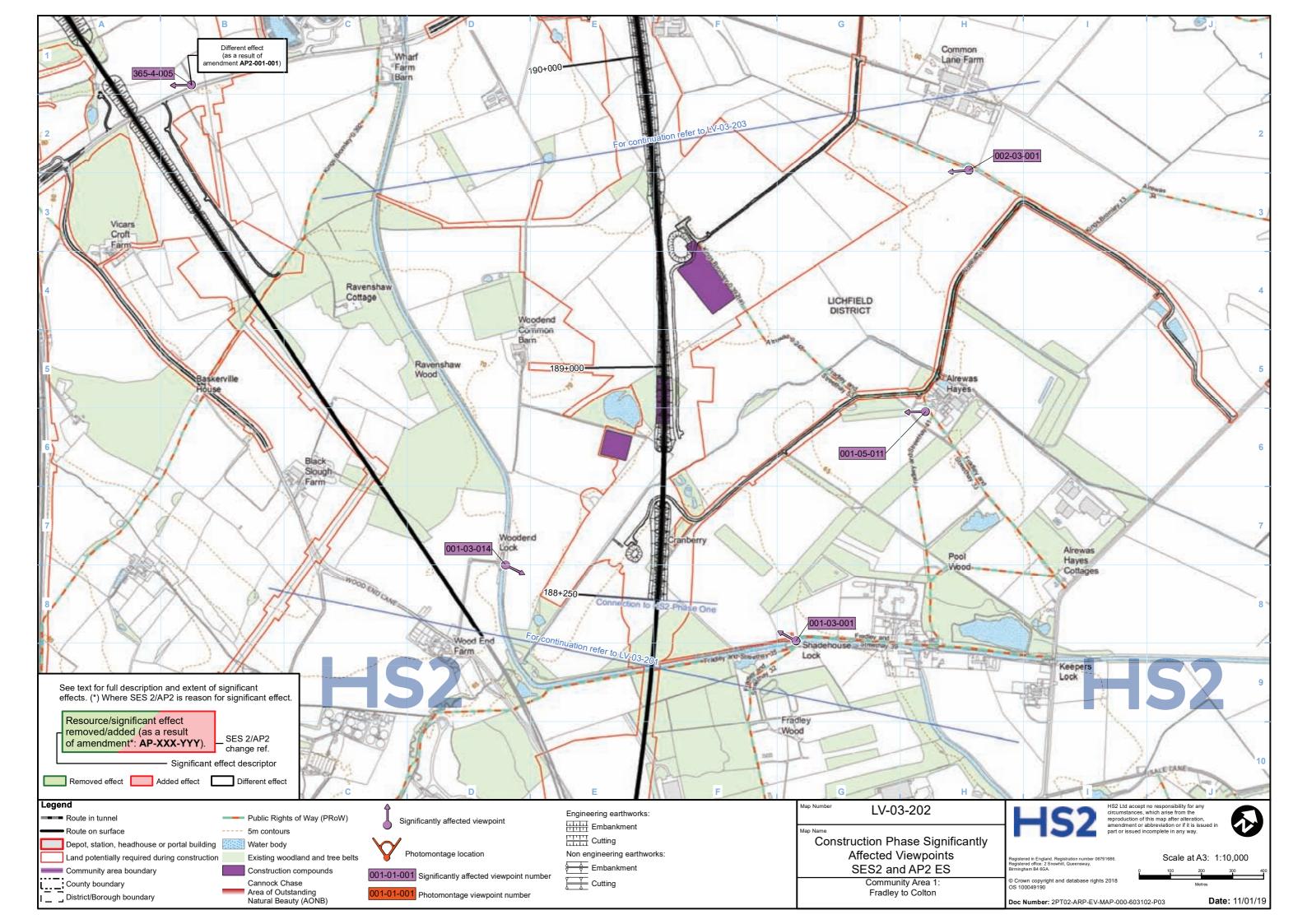
LV-03 - Construction Phase Significantly Affected Viewpoints LV-04 - Operational Phase Significantly Affected Viewpoints

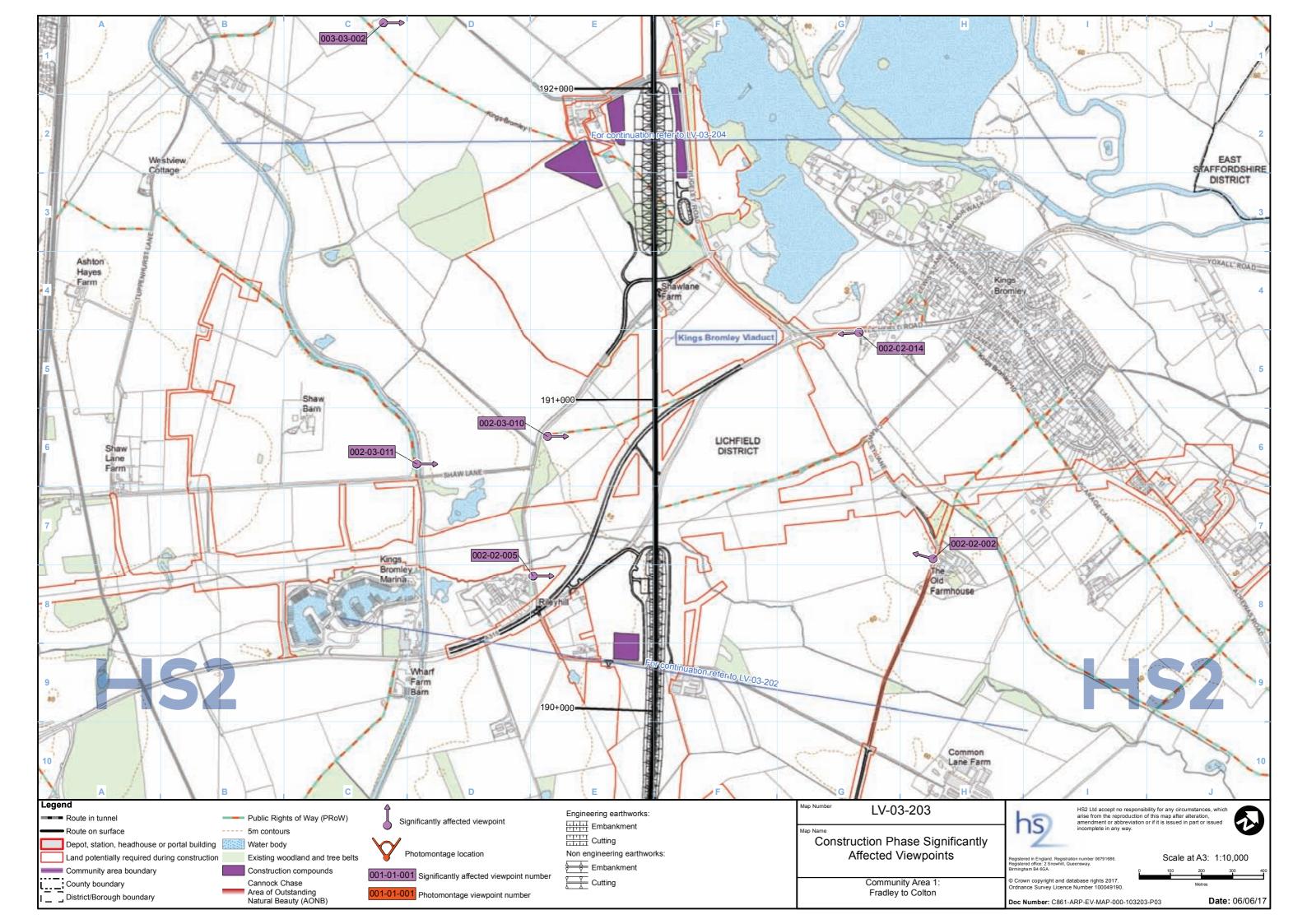


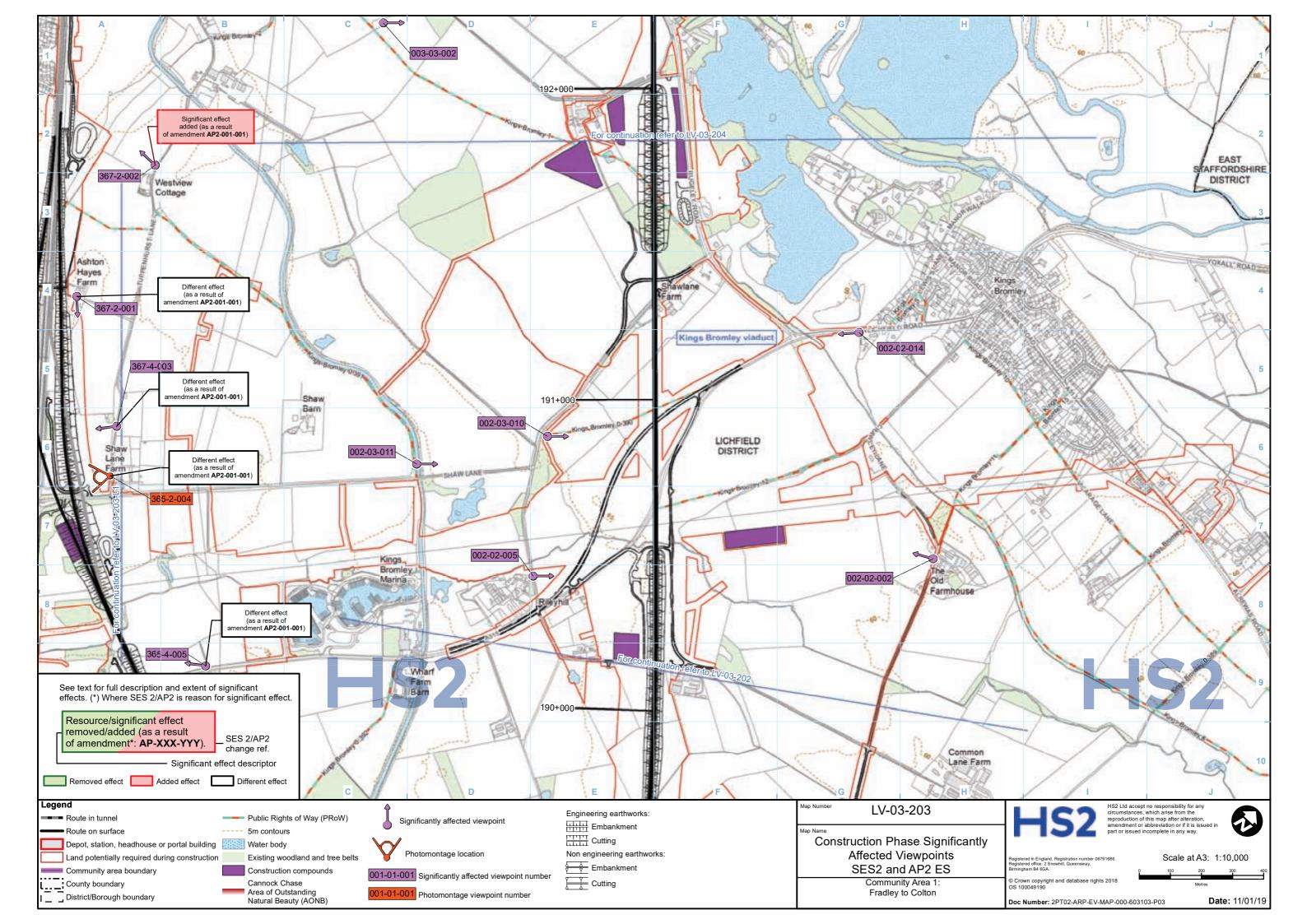


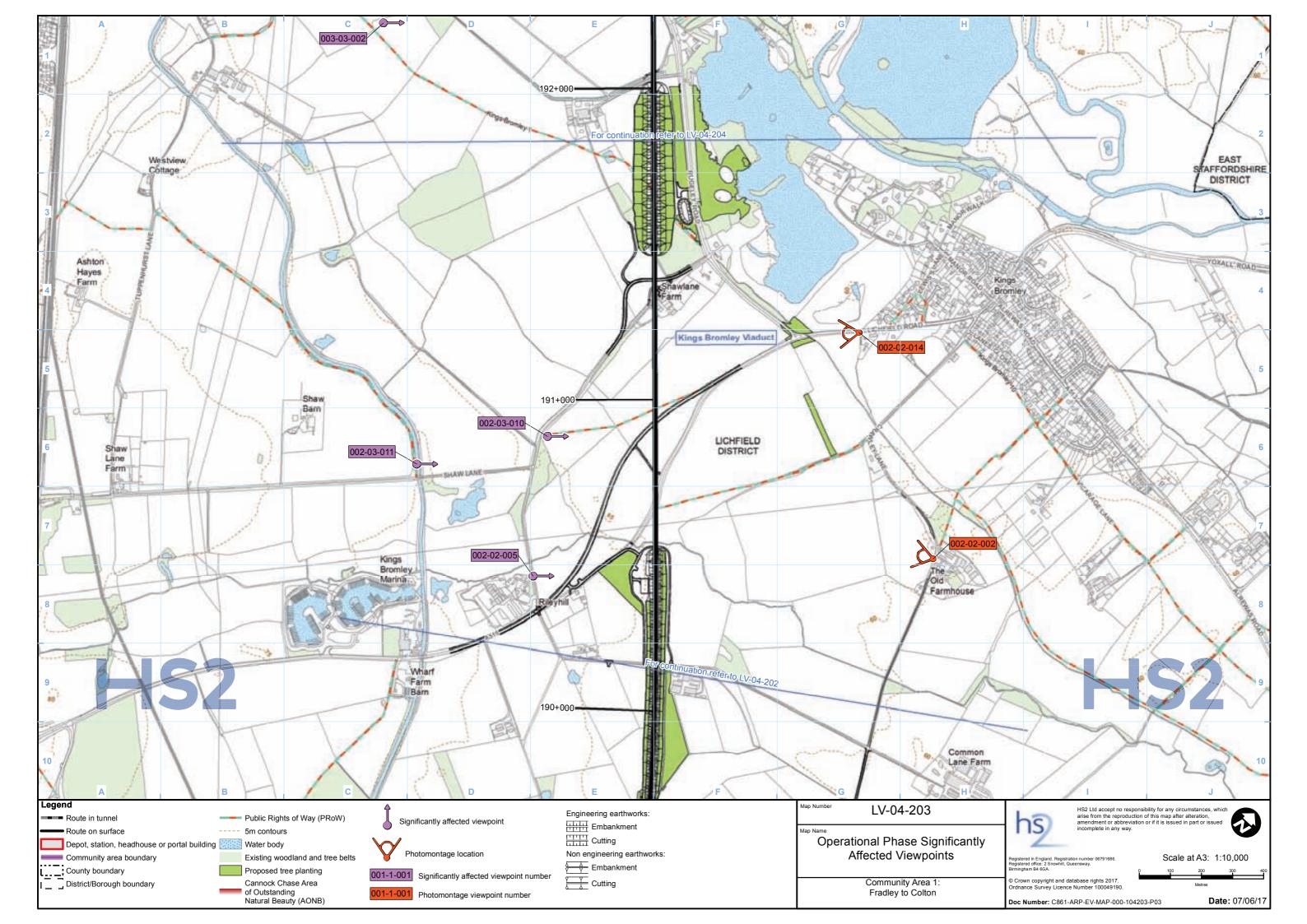


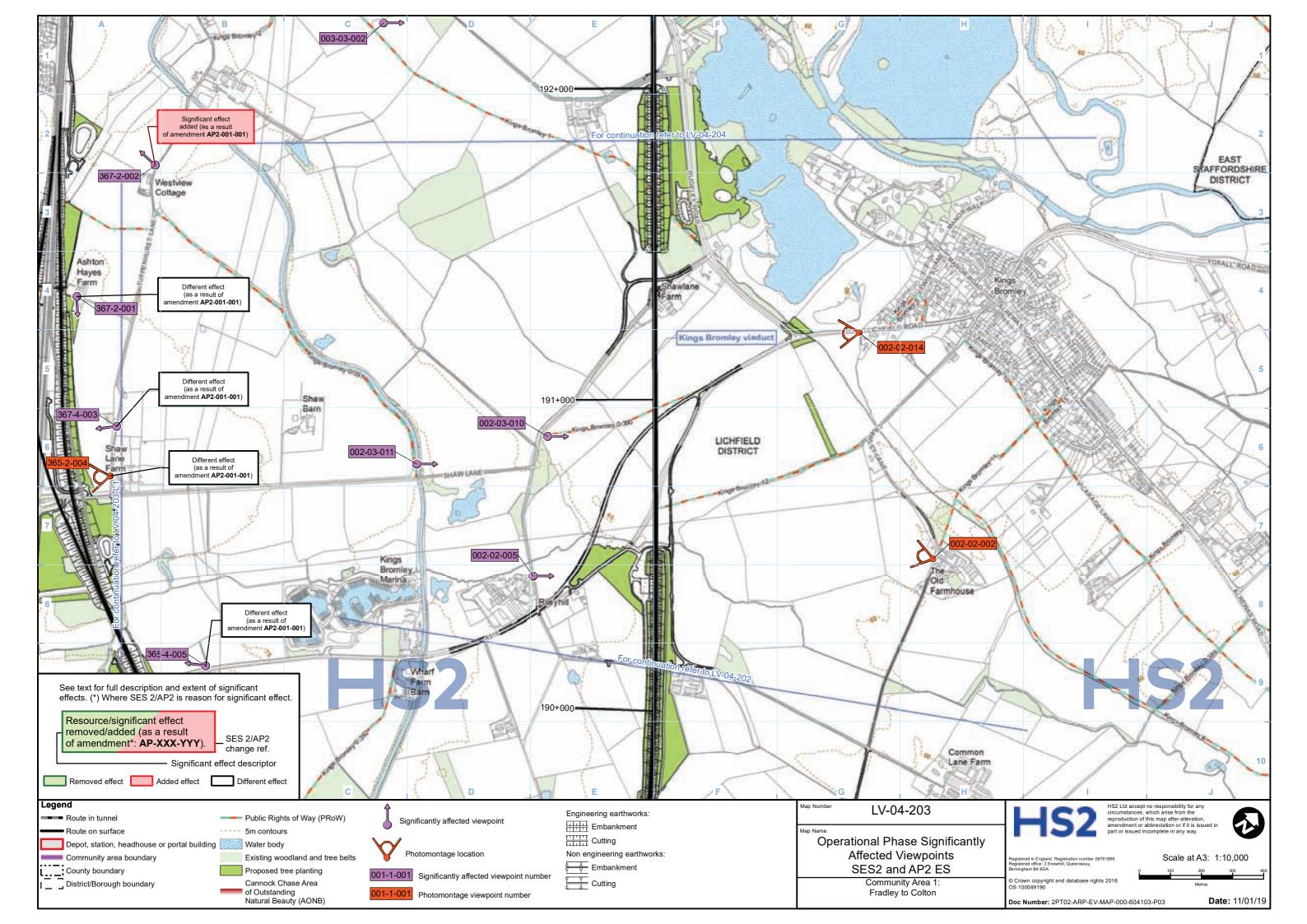




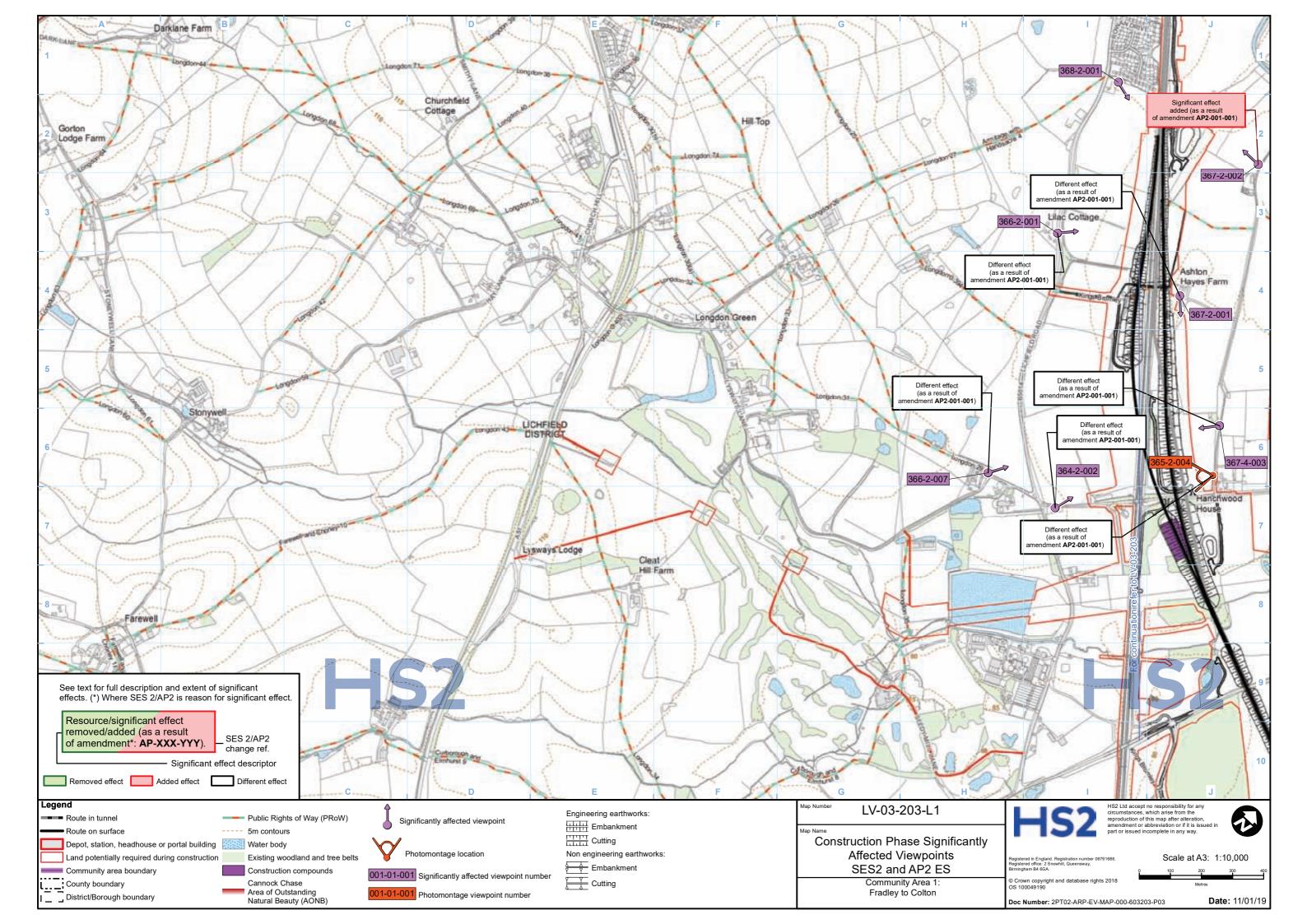




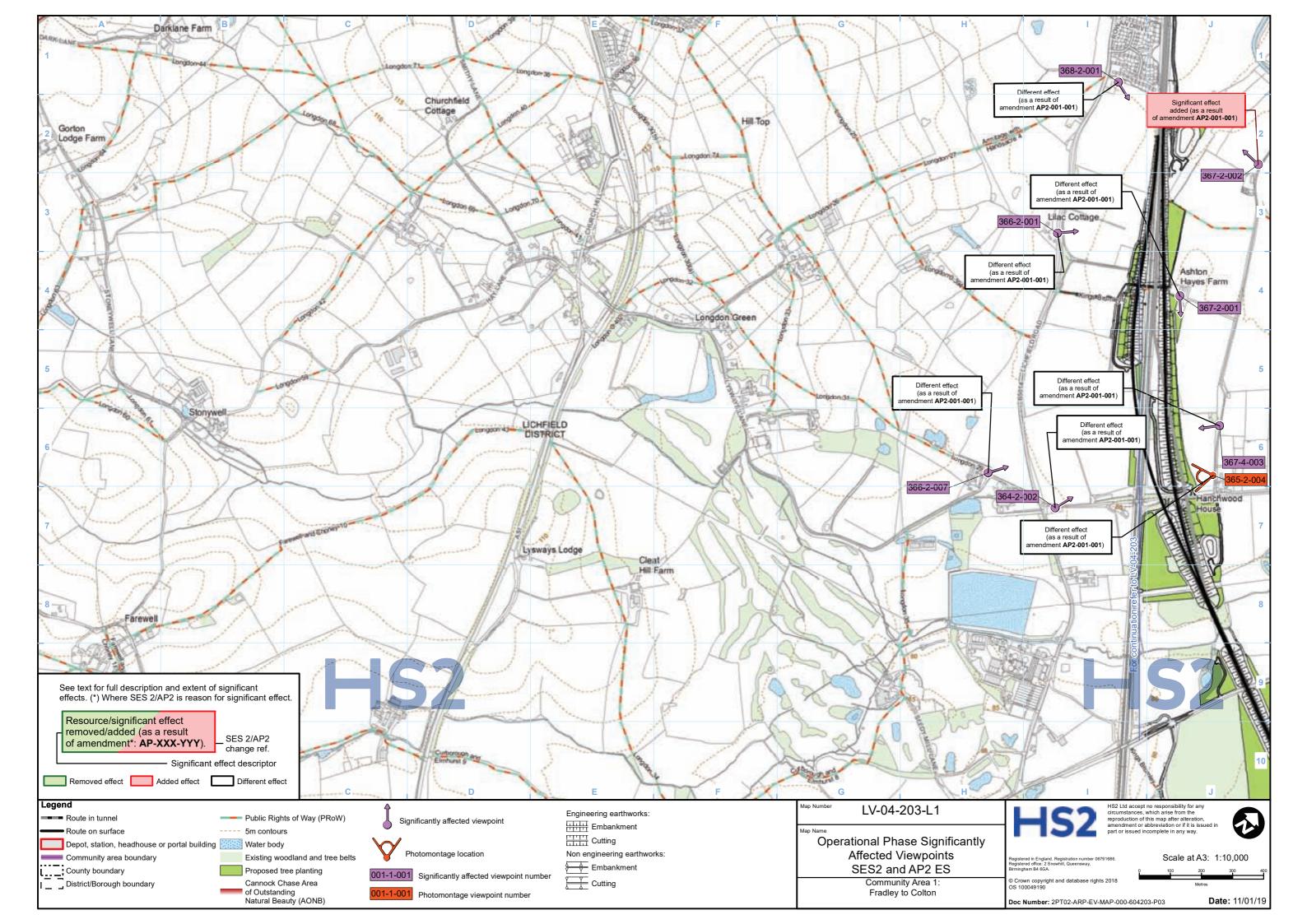


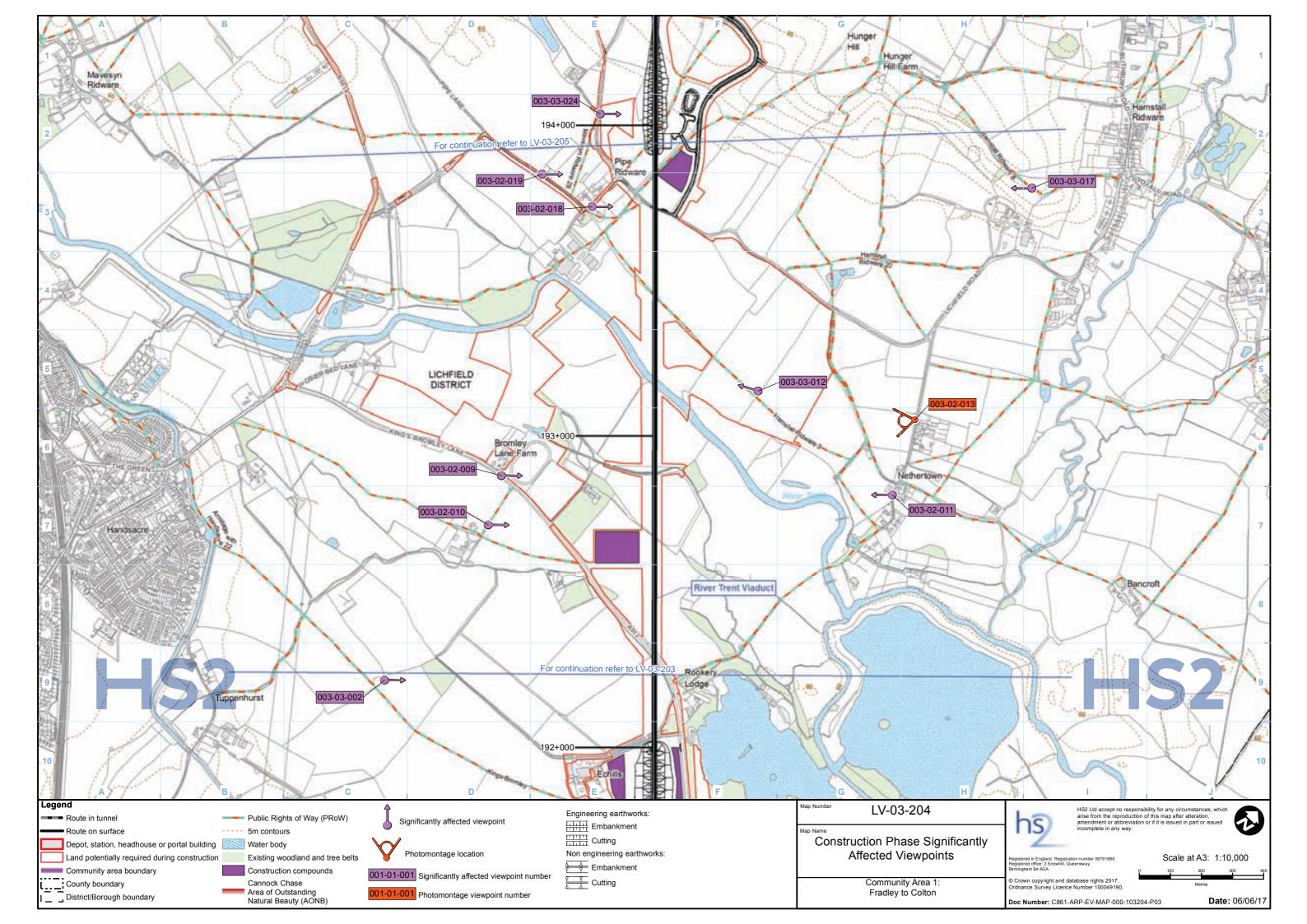


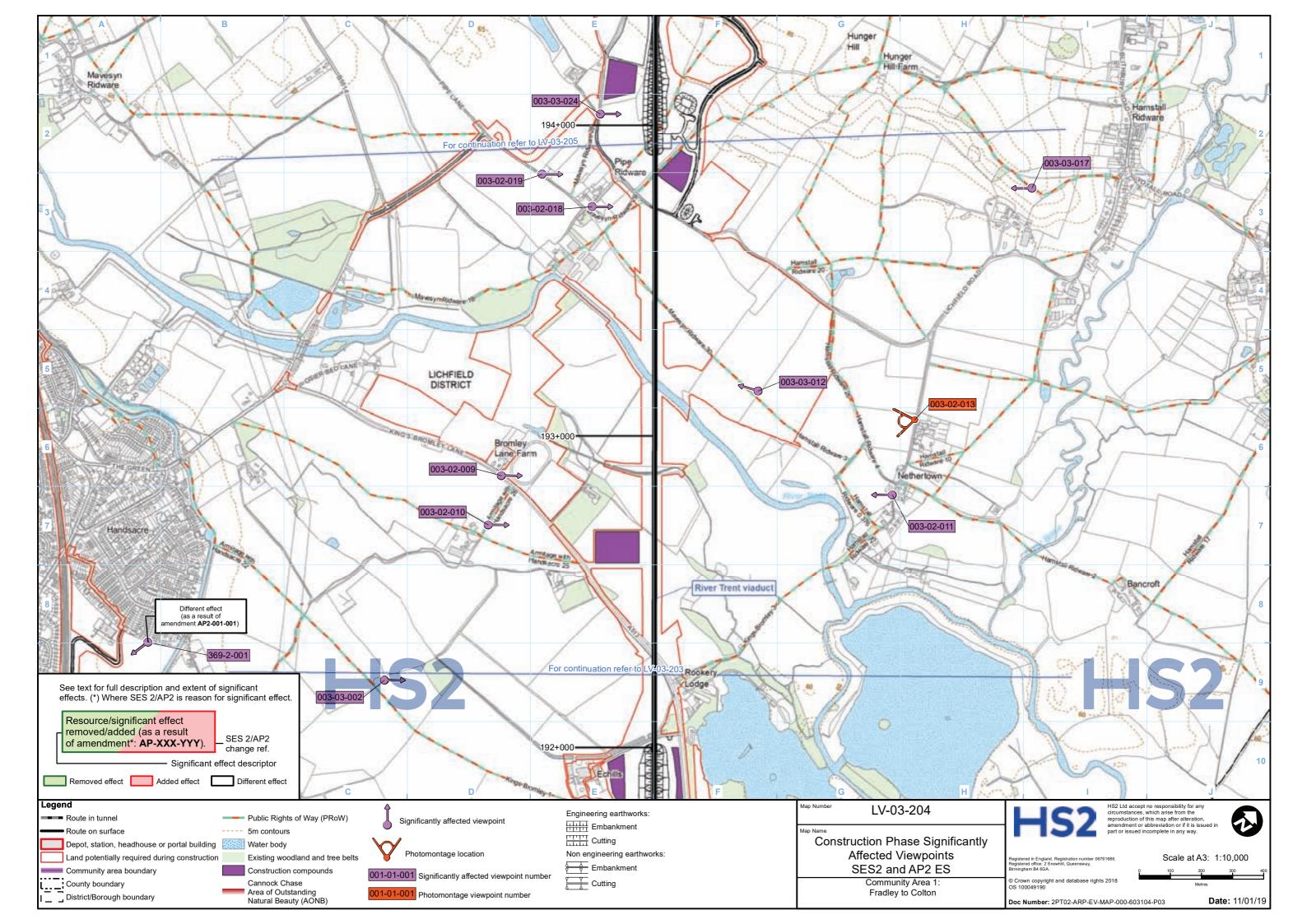


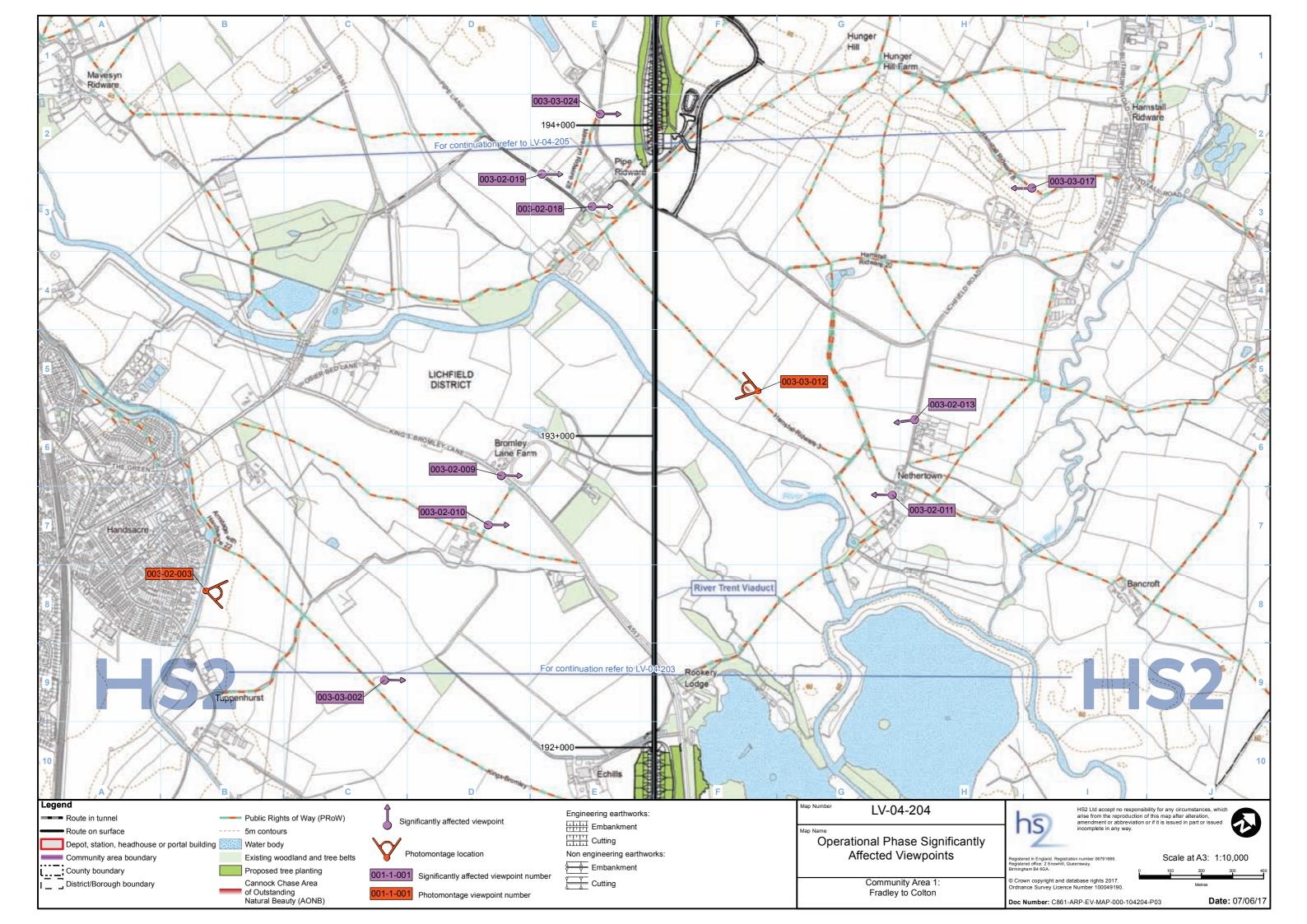


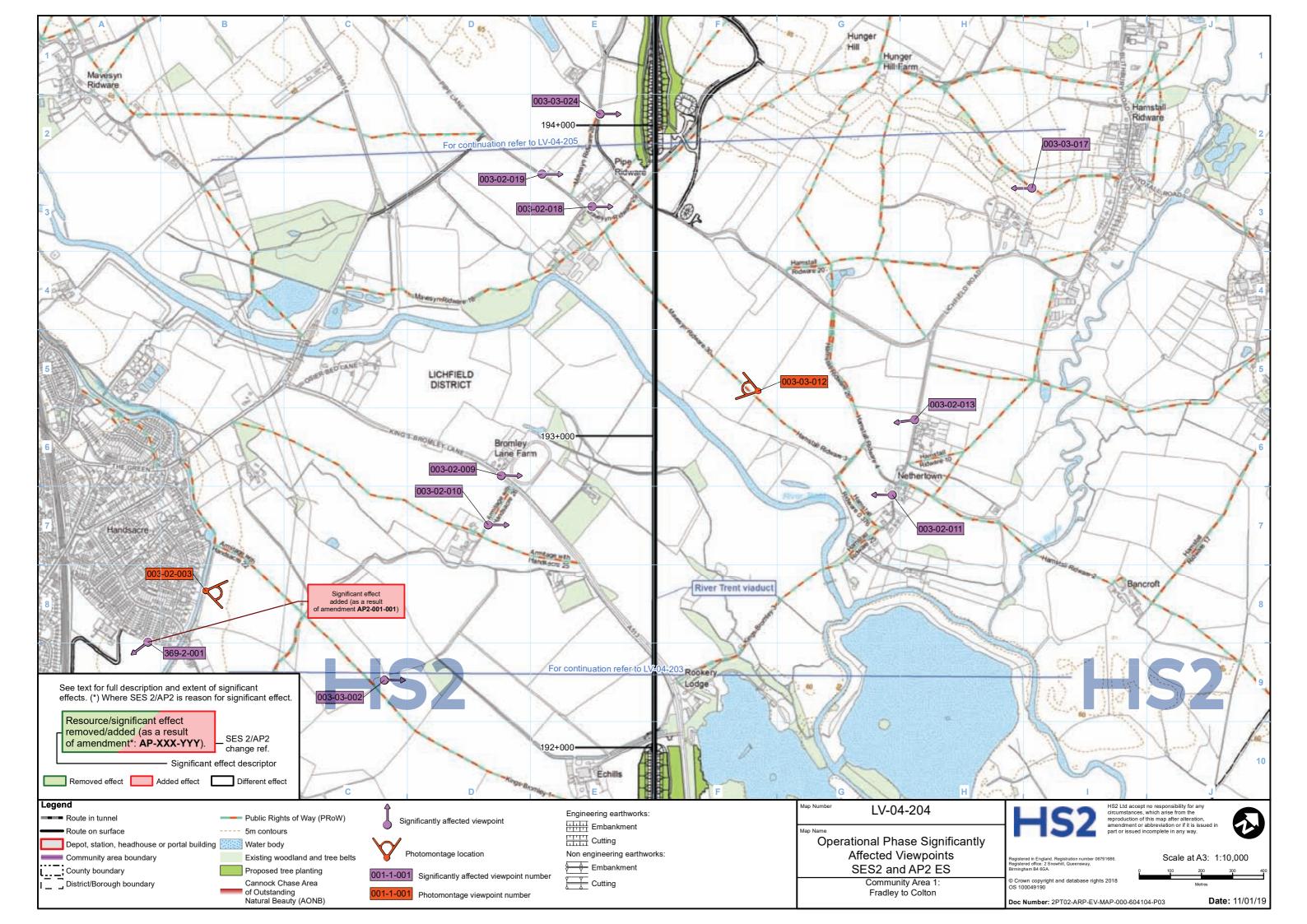


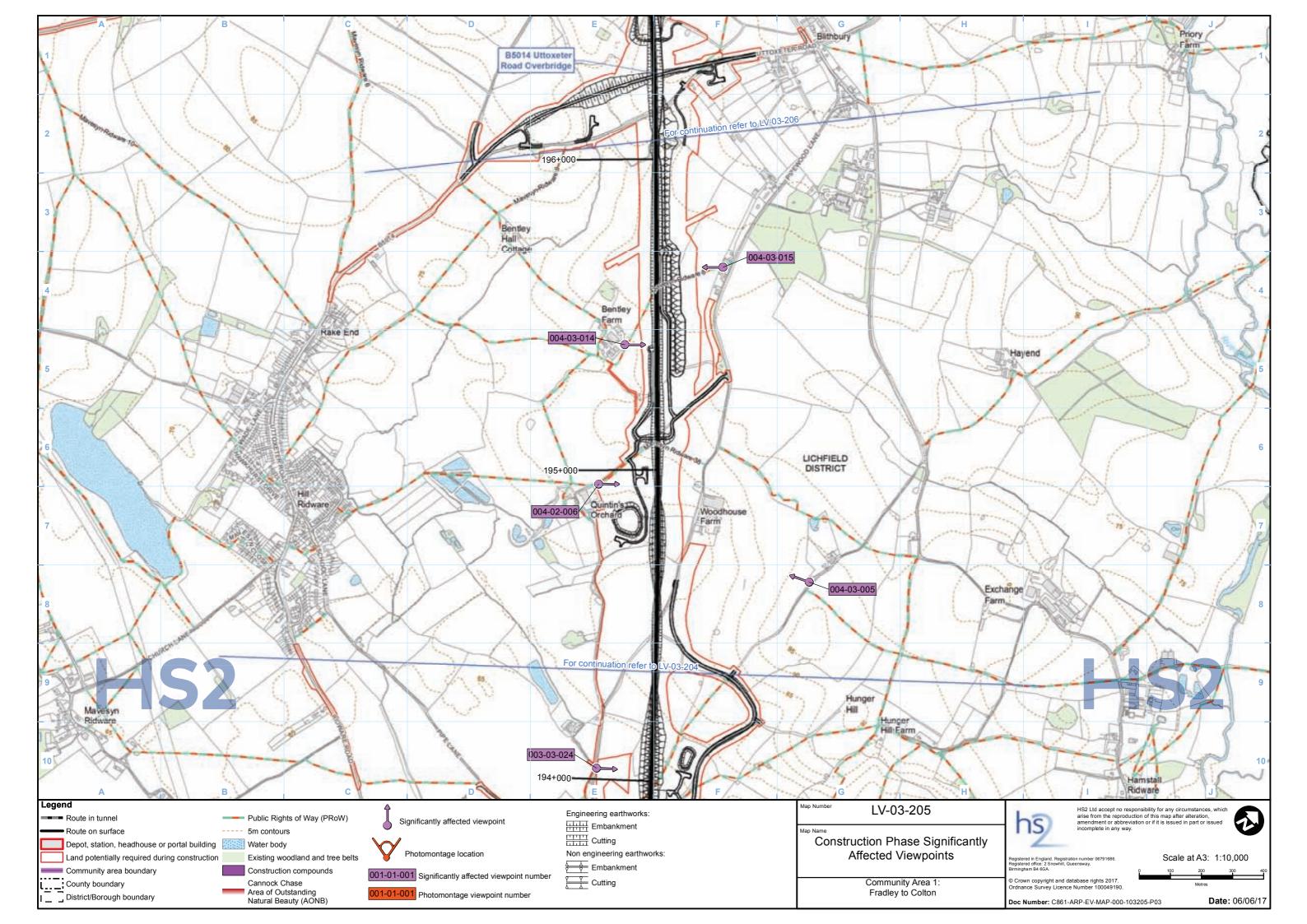


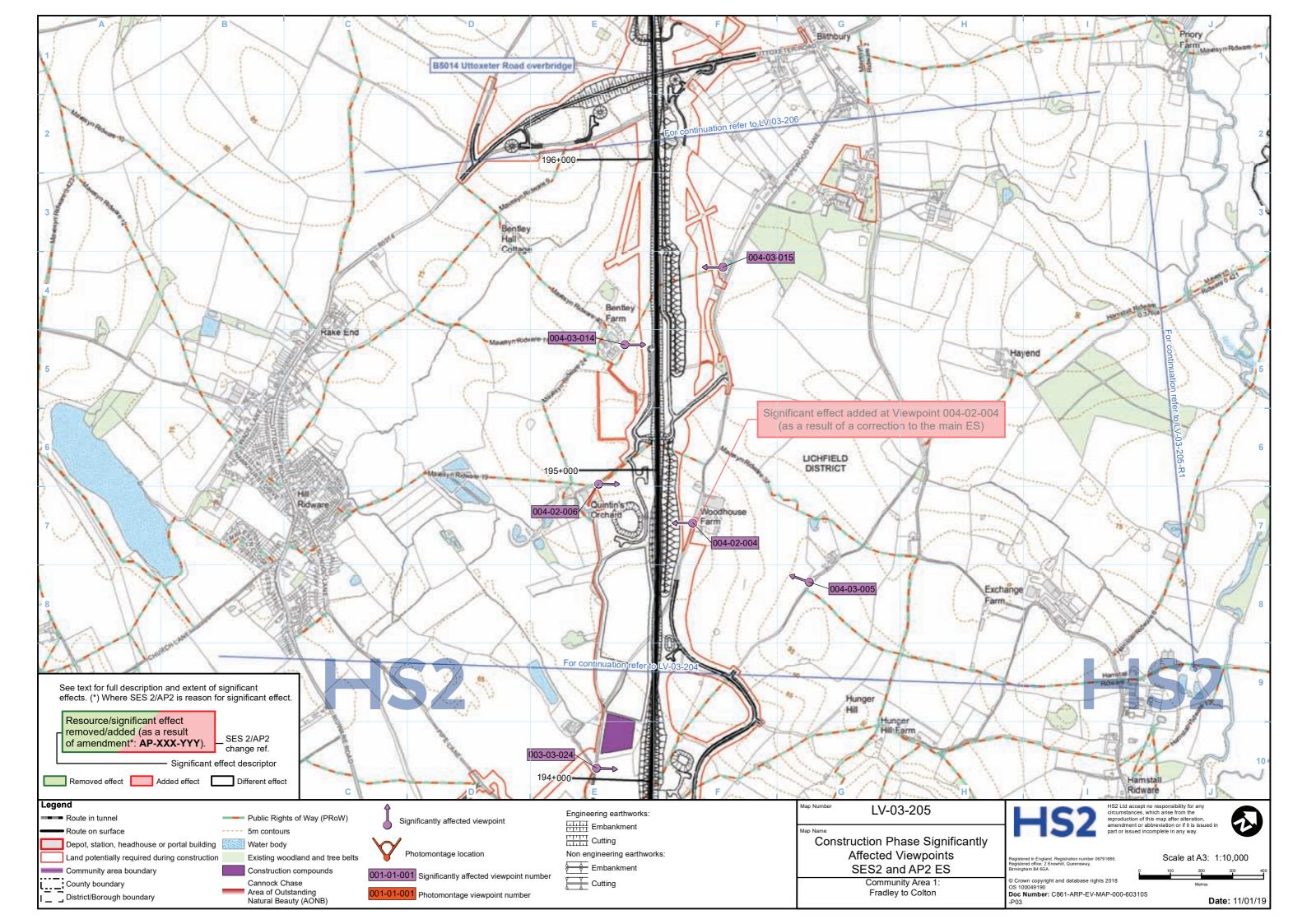


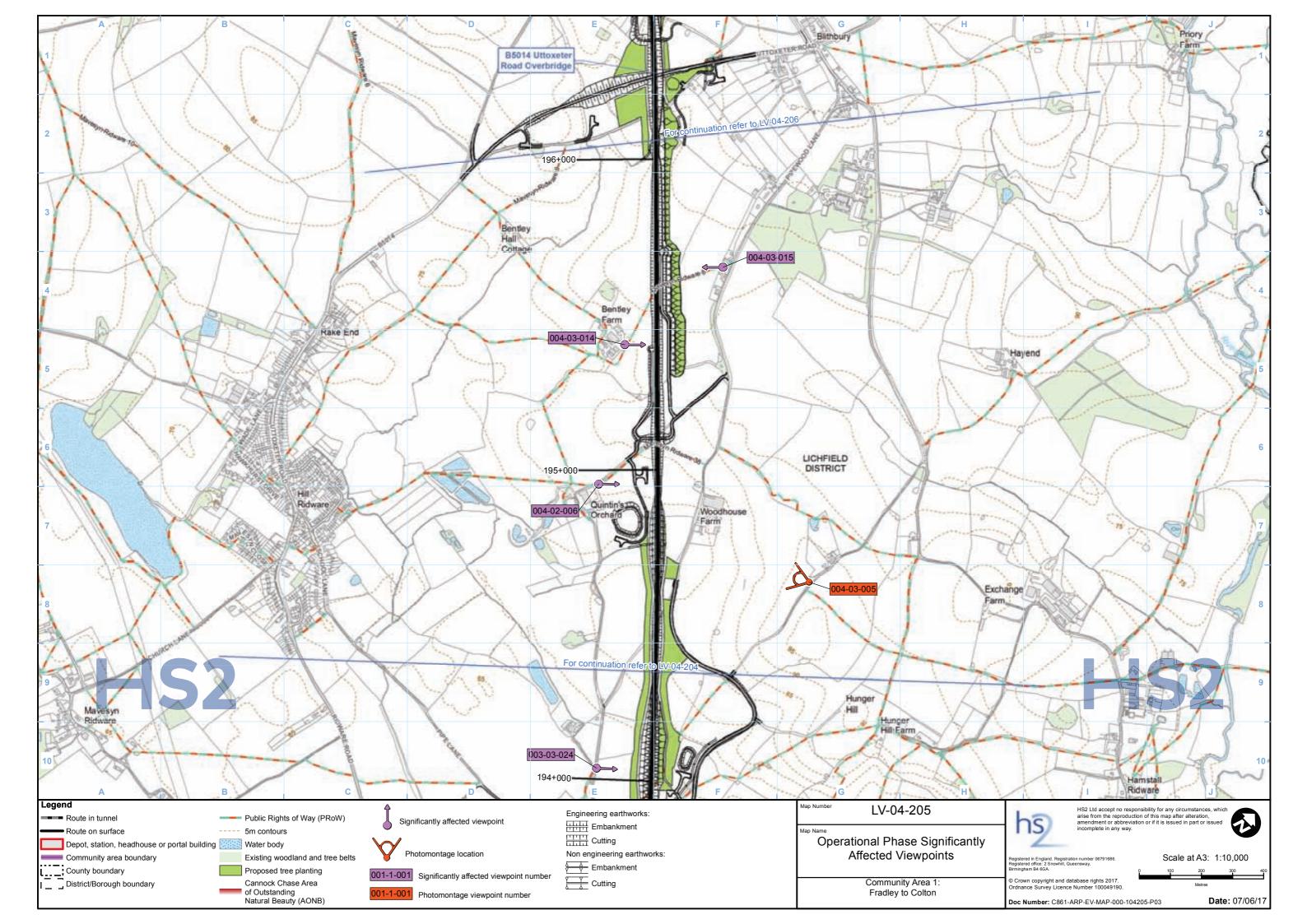


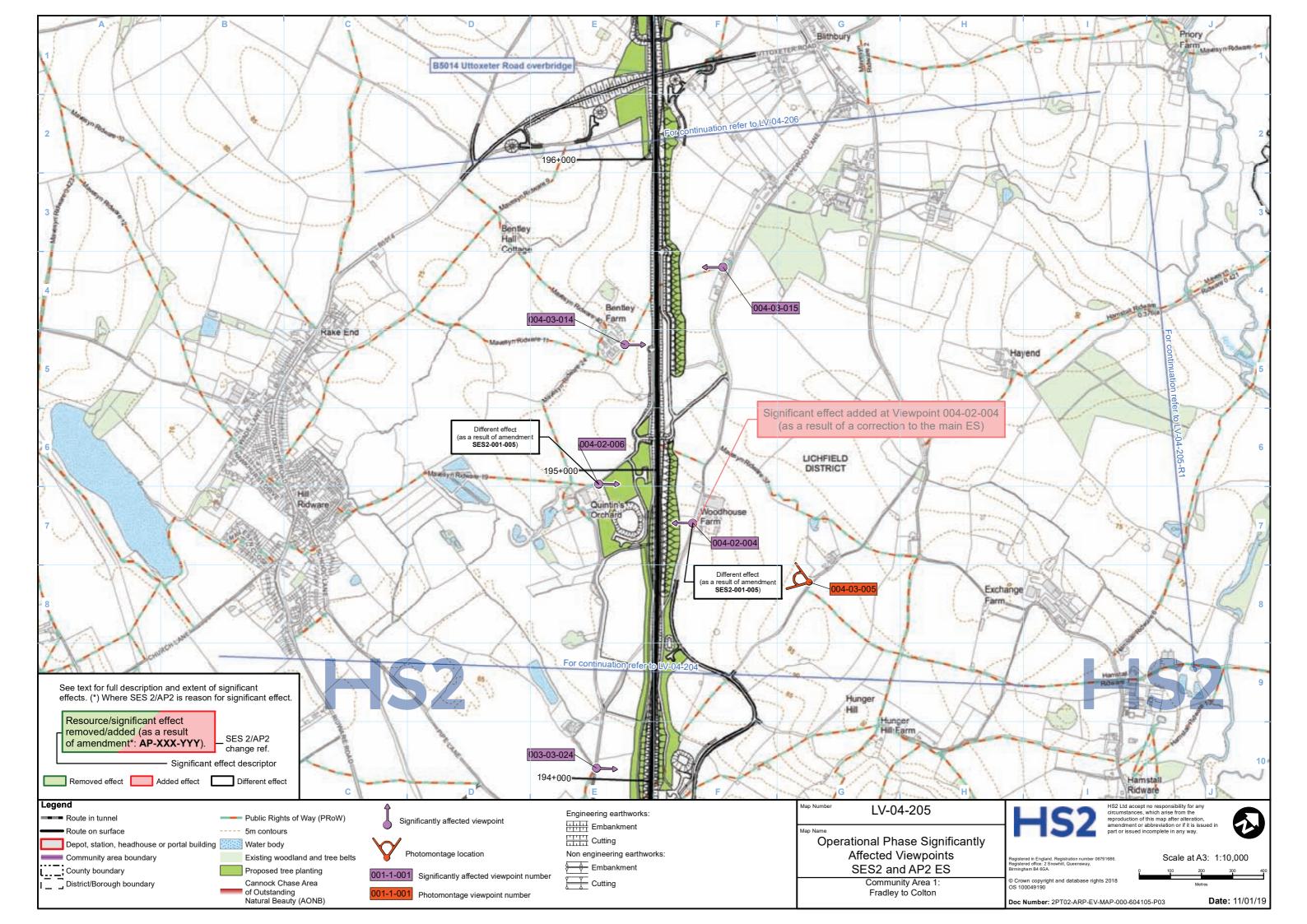


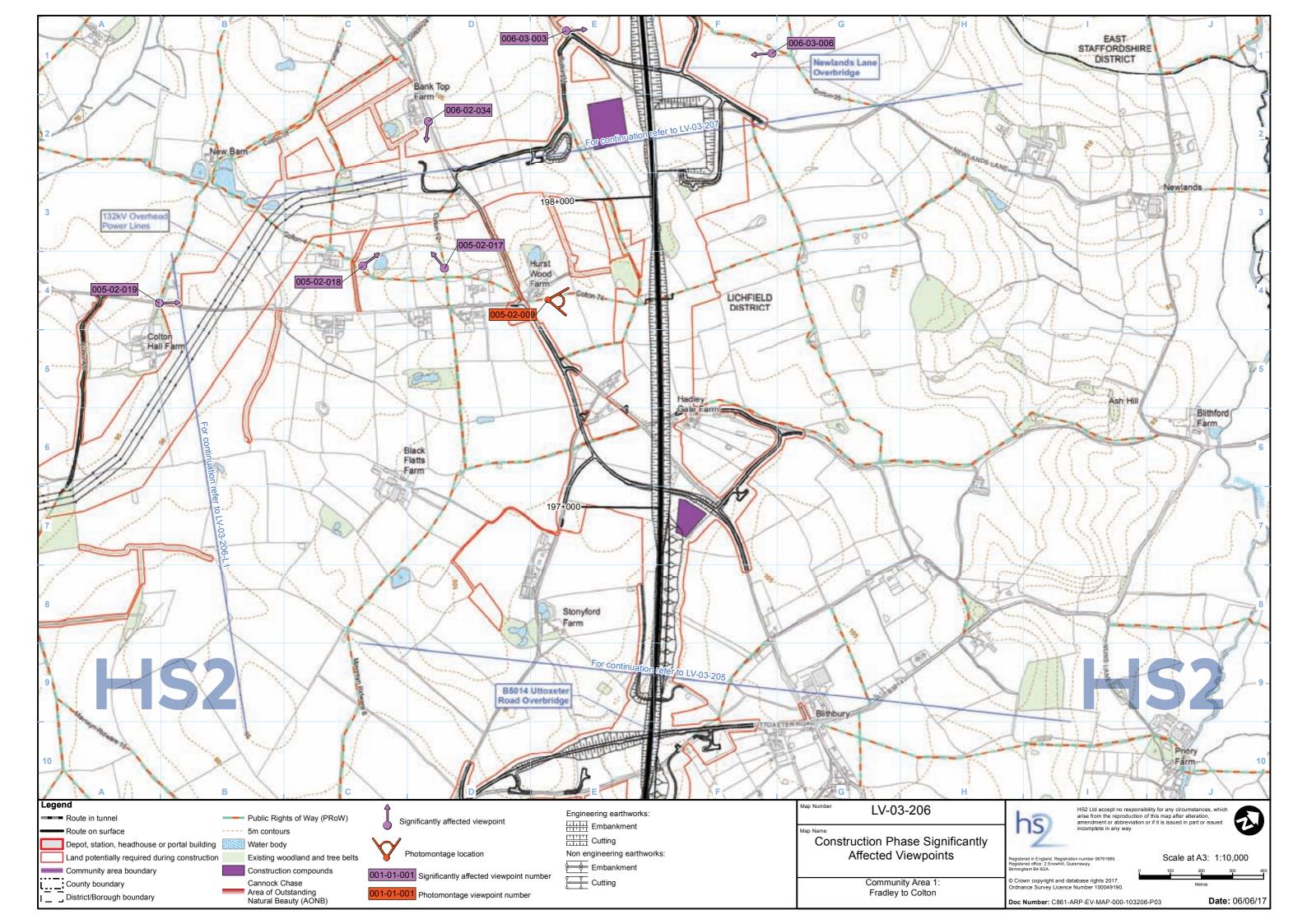


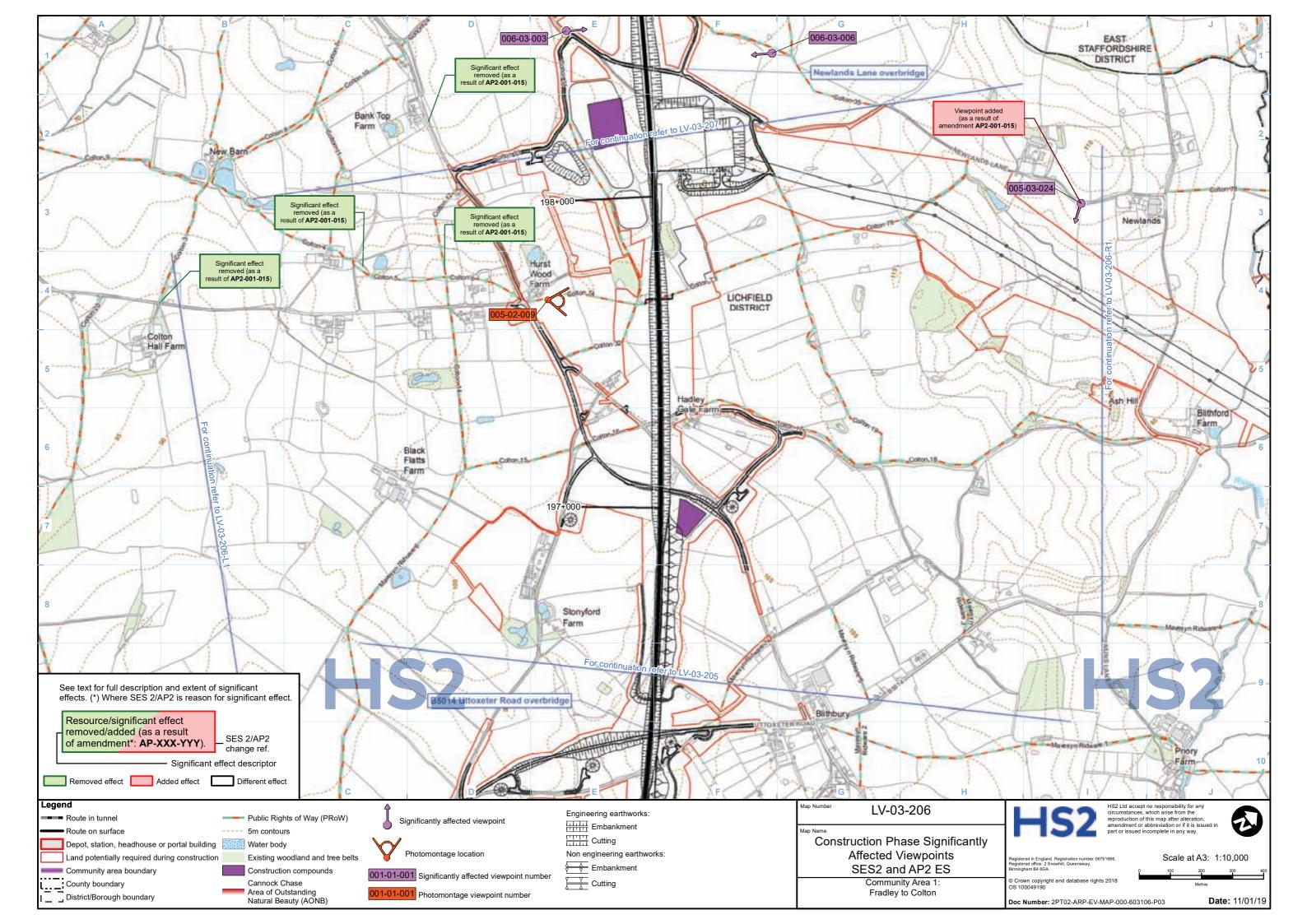


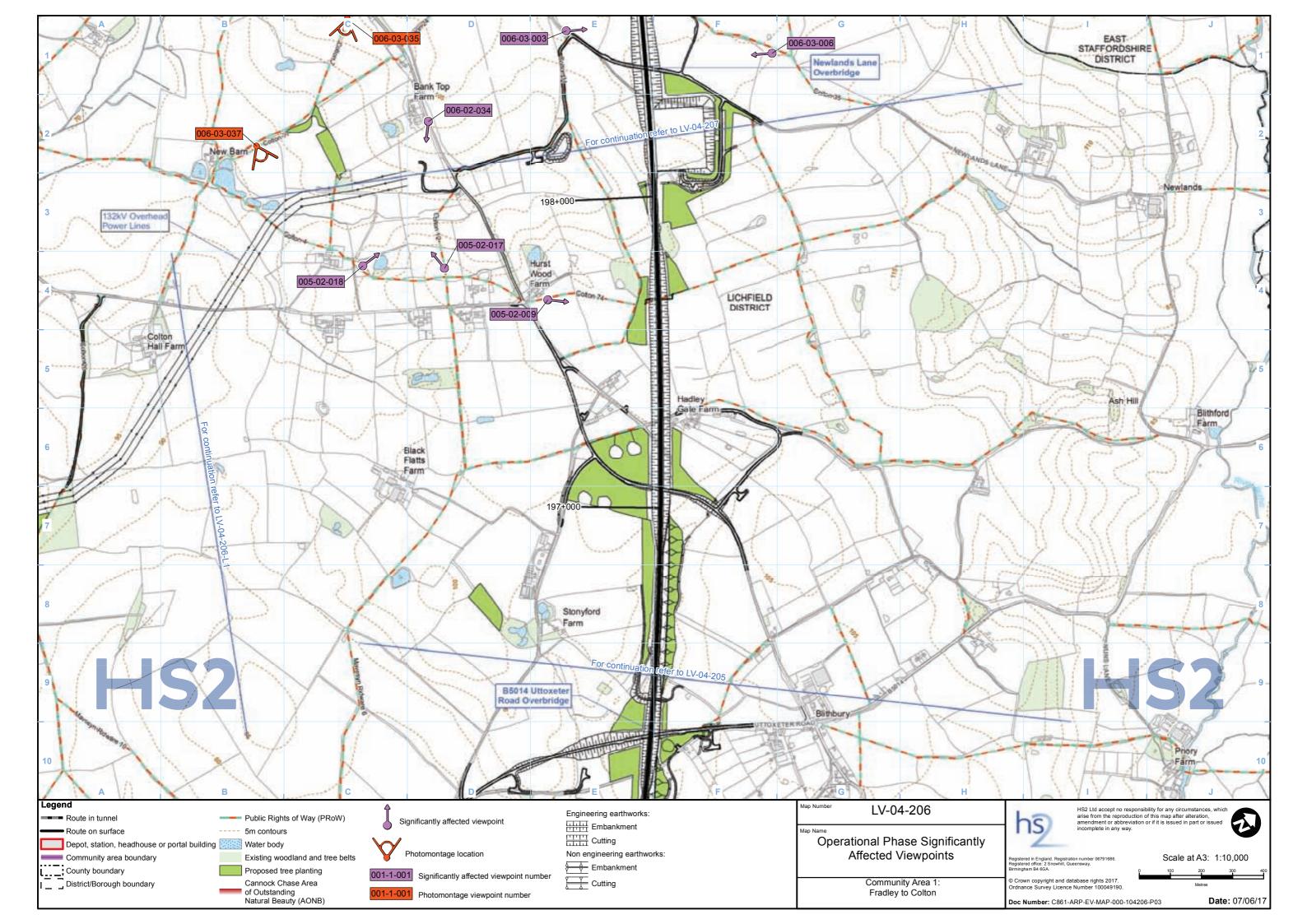


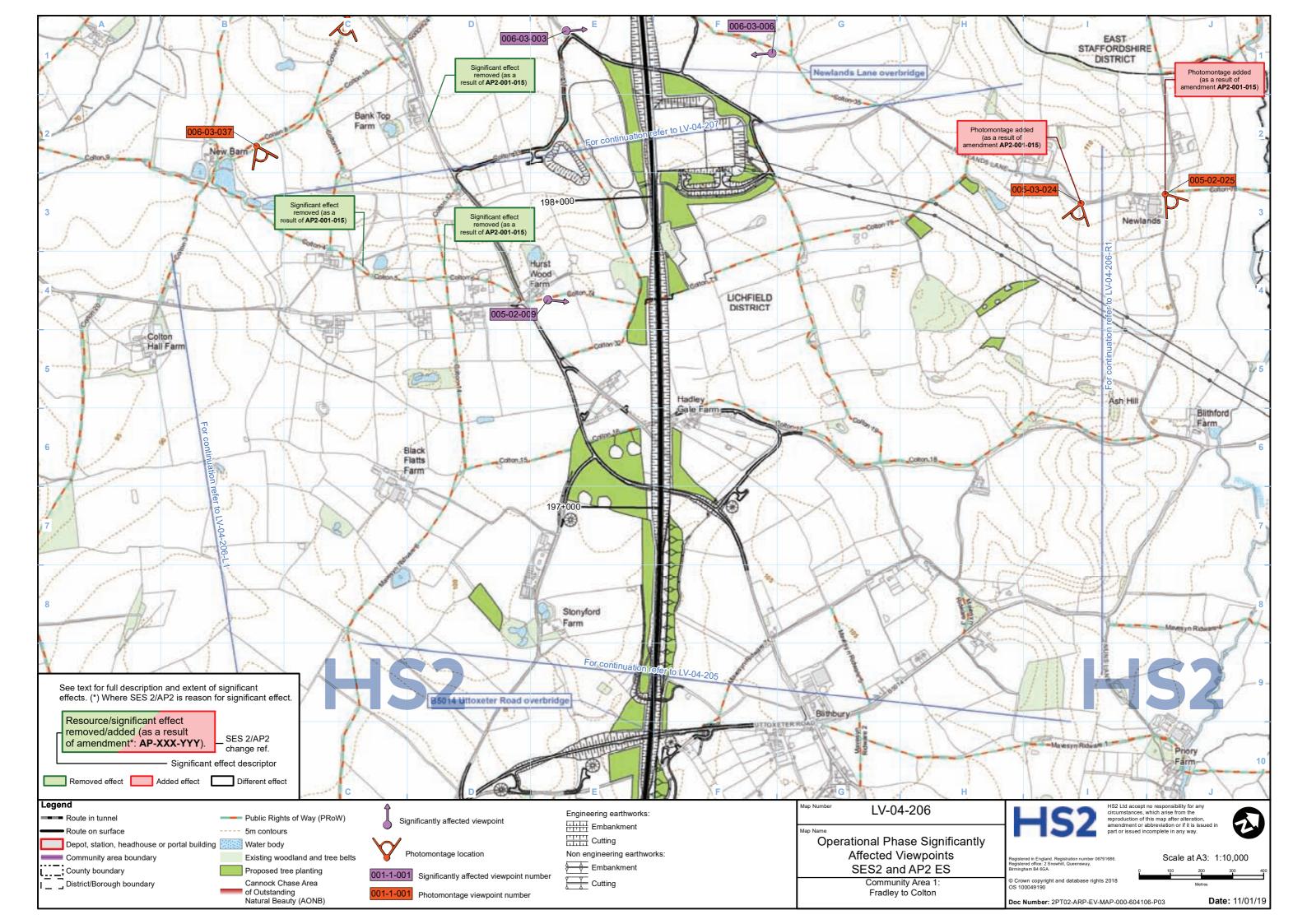




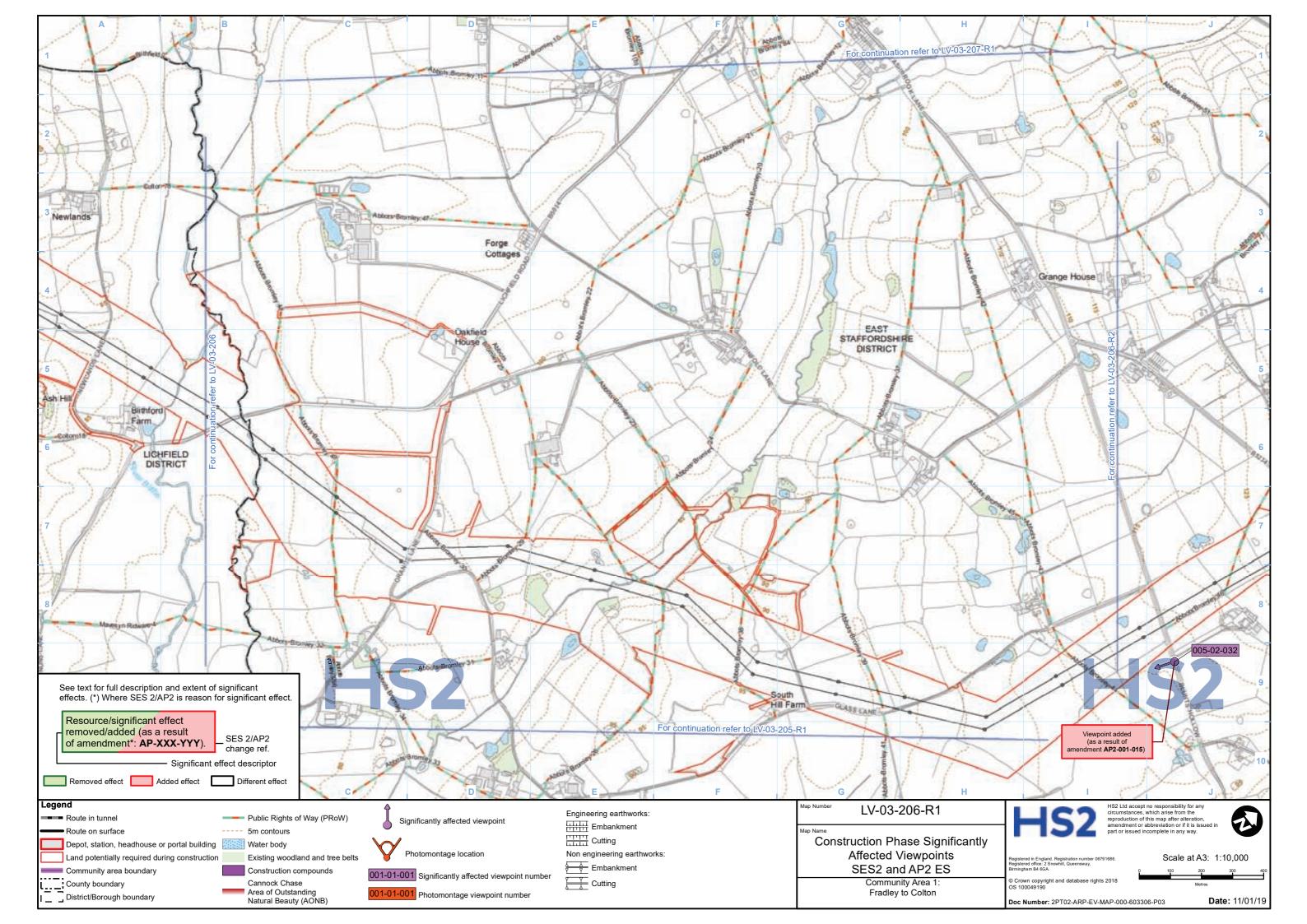




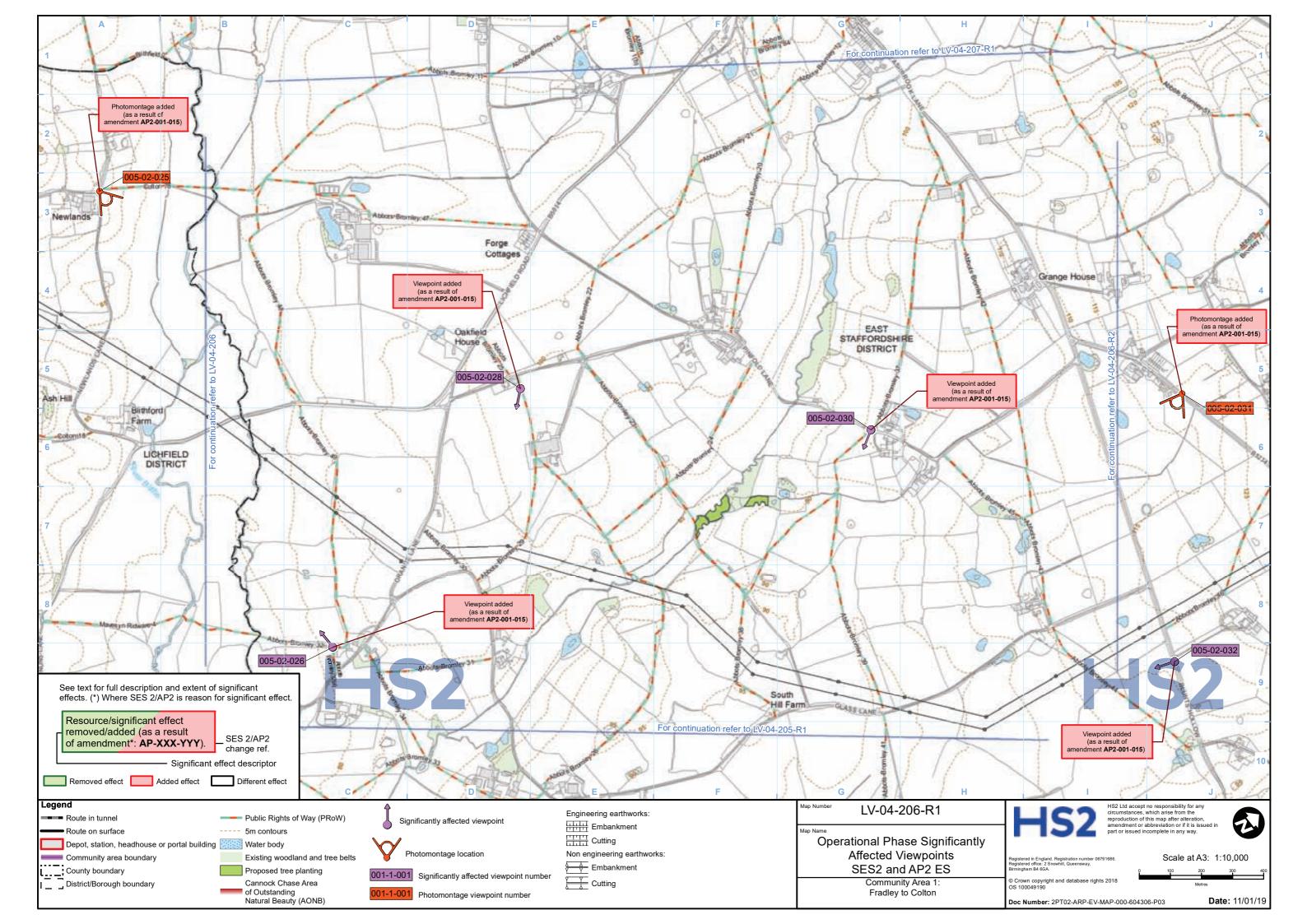




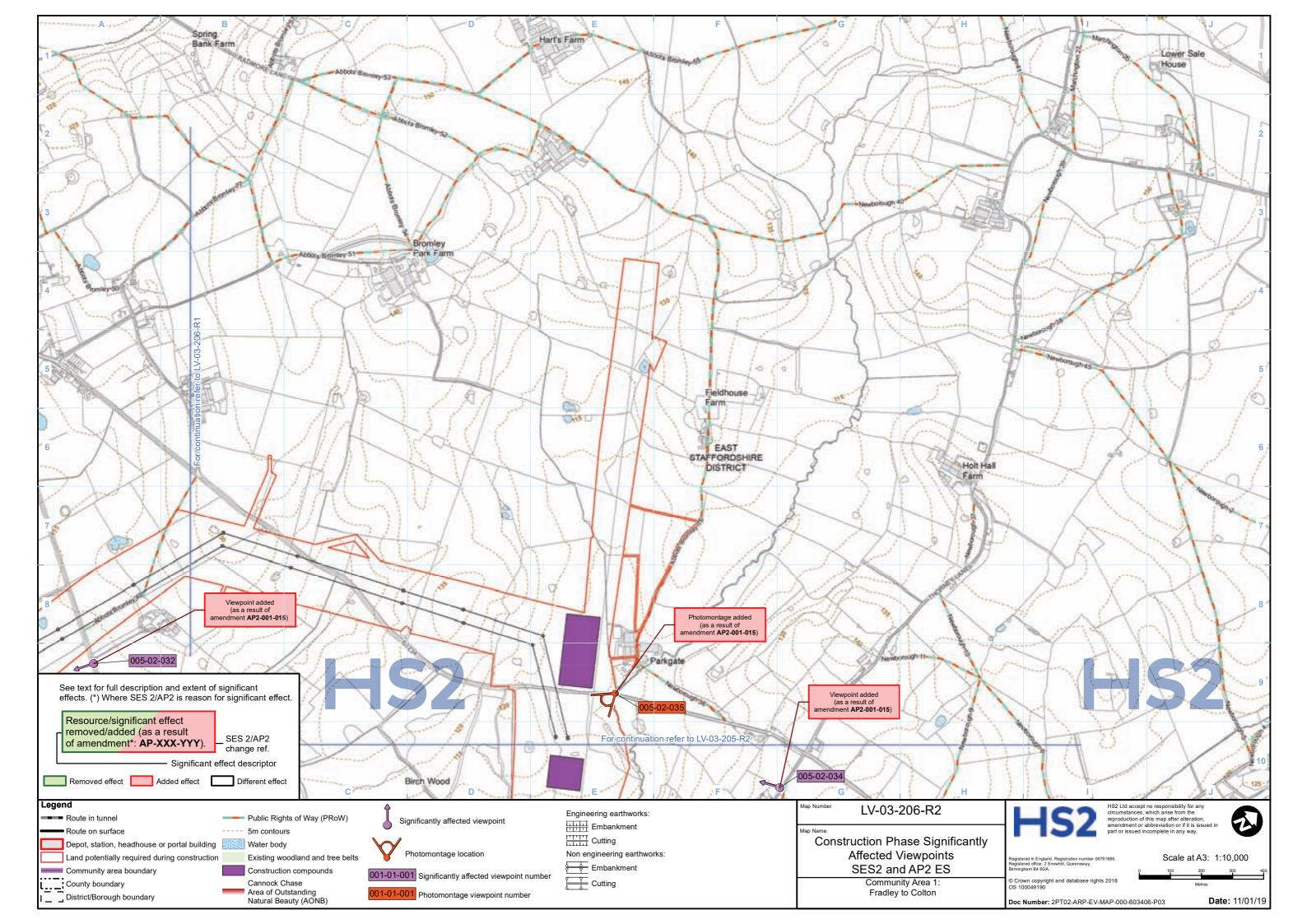




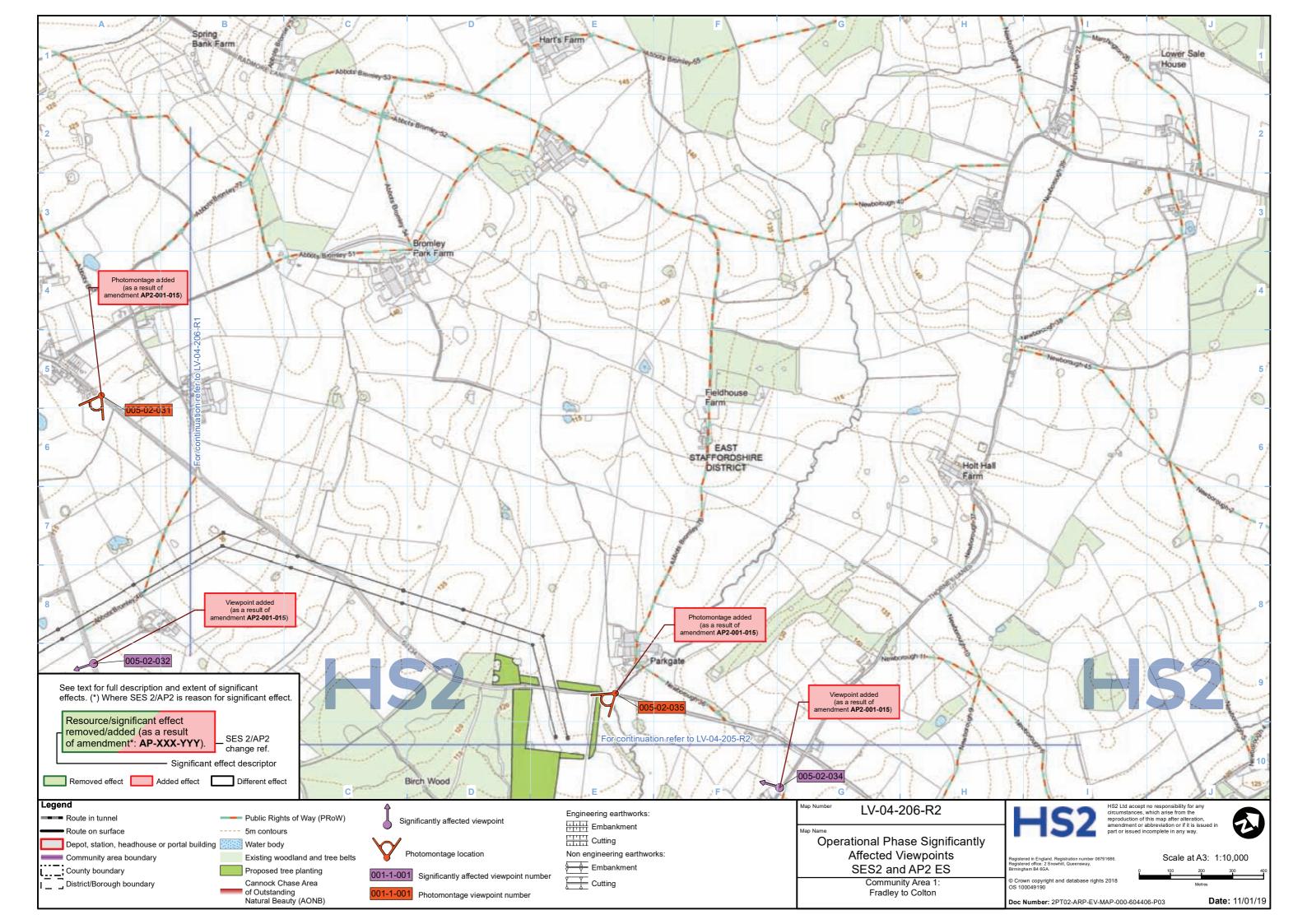


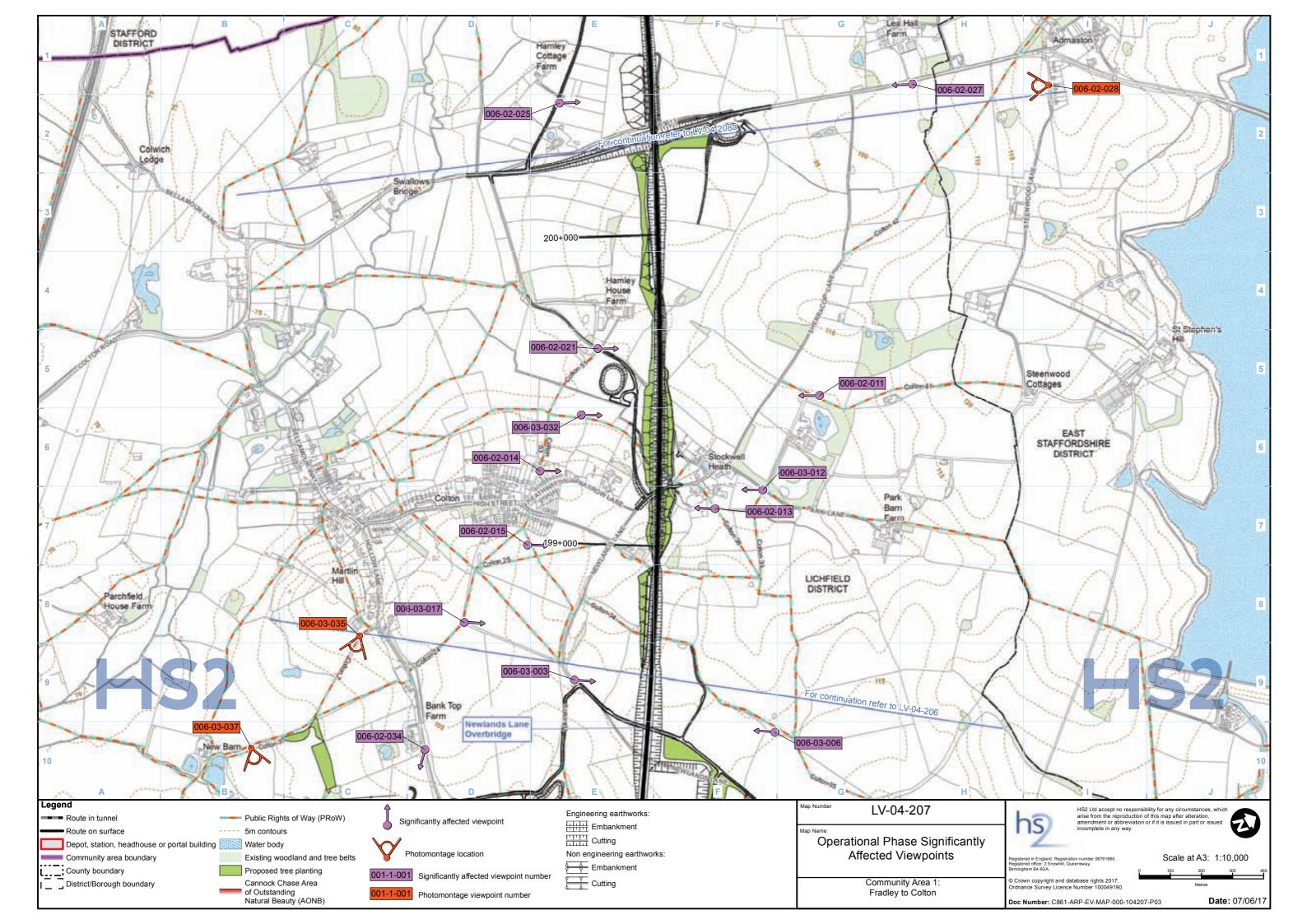


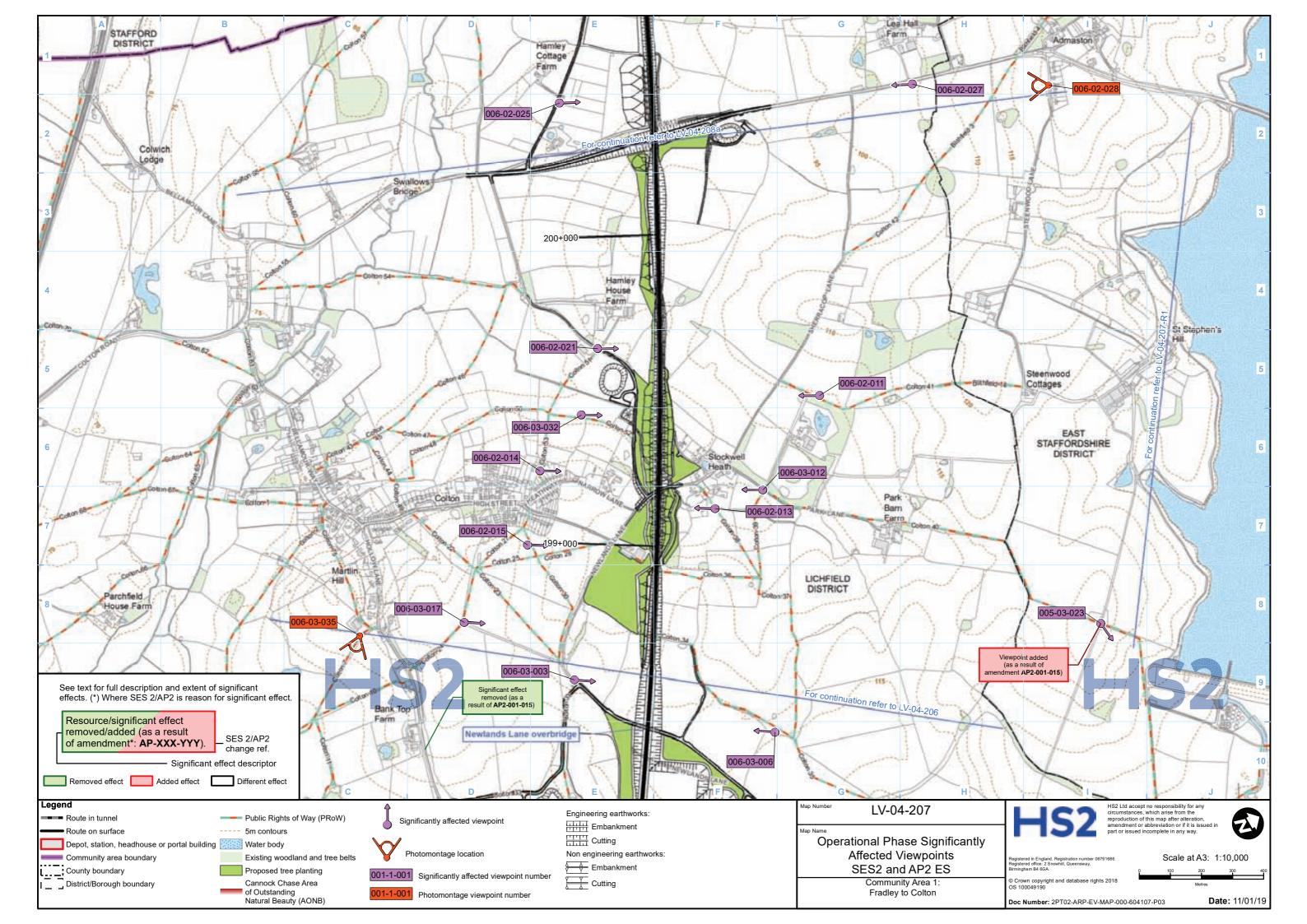












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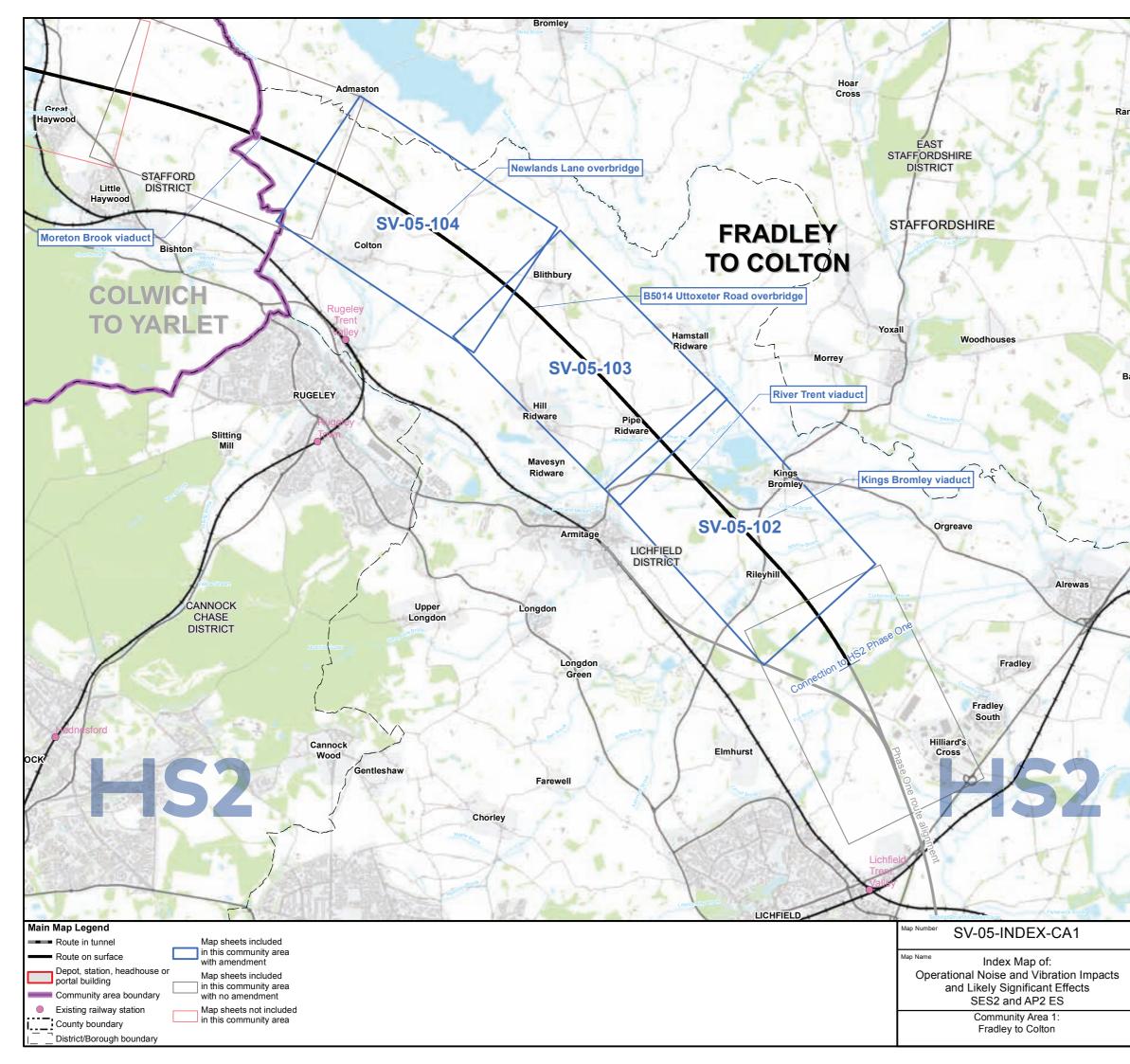
## High Speed Rail (West Midlands - Crewe) Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

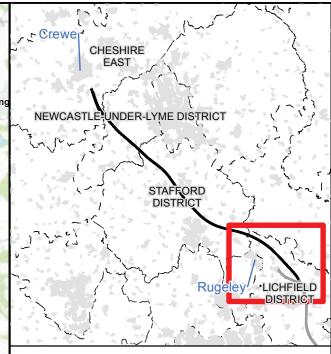
SV-05 - Operational Noise and Vibration Impacts and Likely Significant Effects



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## Map Series Information:

SV-05 presents the direct operational noise impacts and likely significant effects of the scheme.

The SV-05 figure series necessarily contains a large amount of information relating to the operational noise and vibration assessment. It is designed to communicate visually the assessment process from the prediction of impacts to the determination of likely residual significant effects. The corresponding text is included in Vol2.

Key items on the figure series include: • the Proposed Scheme (the proposed railway alignments and surrounding associated earthworks/roads);

• blue and green lines representing the wayside airborne noise mitigation measures included in the Proposed Scheme;

 the study areas, which indicate the areas within which direct operational sound and vibration impacts of the scheme have been quantitatively assessed;

• the calculated scheme direct impacts, displayed as colourcoded buildings, and symbols representing buildings that would potentially qualify for noise insulation;

 sound contours representing sound produced by the new railway (displayed in a simpler manner than on SV-01 in order not to obscure other features on the figure series); and

• labels indicating where the likely residual direct noise and/or vibration significant effects have been identified.

The design of the Proposed Scheme will be informed through stakeholder engagement and further engineering and environmental studies.

A more detailed explanation of each legend item included on the figures can be found in the data dictionary.

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



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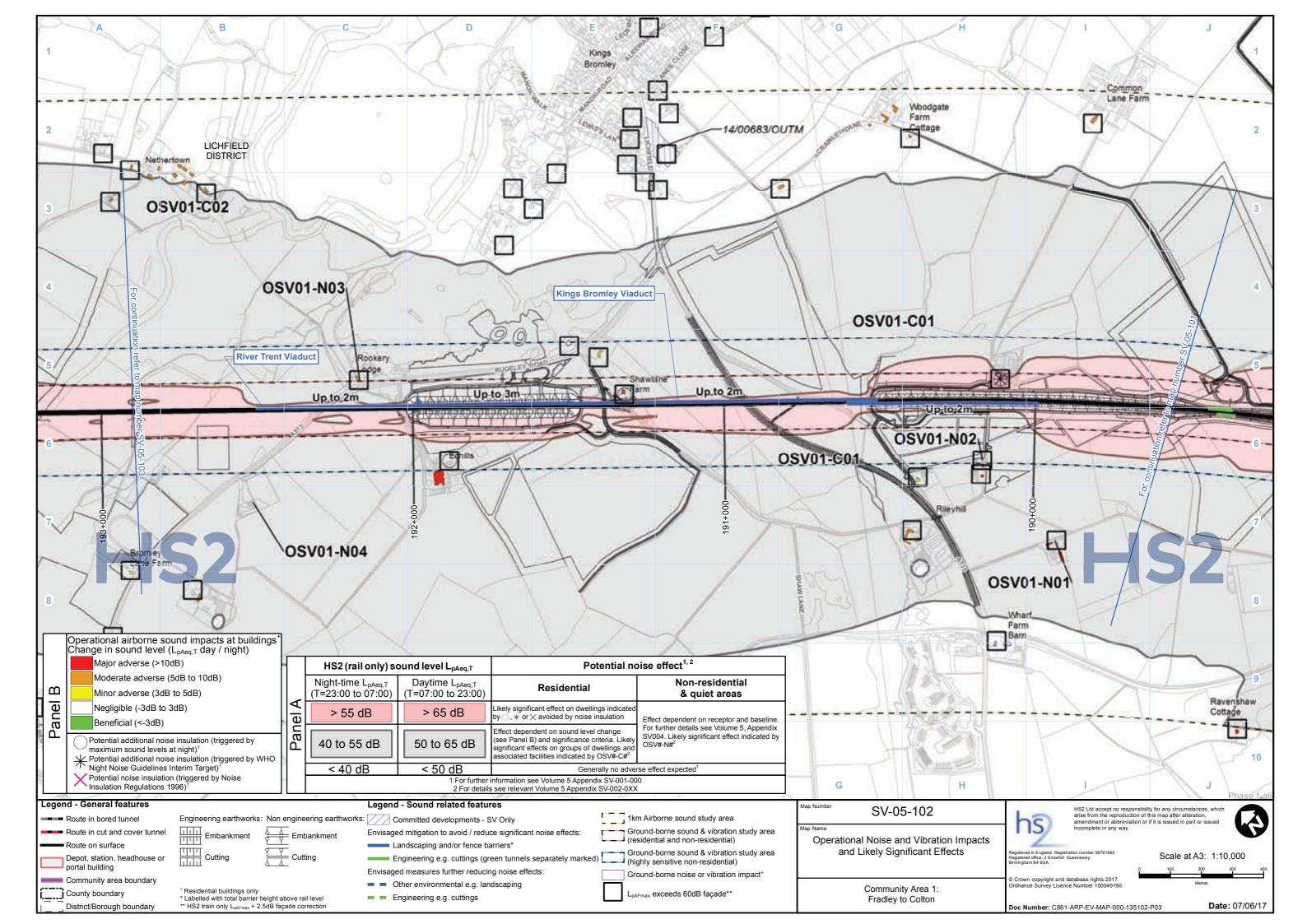
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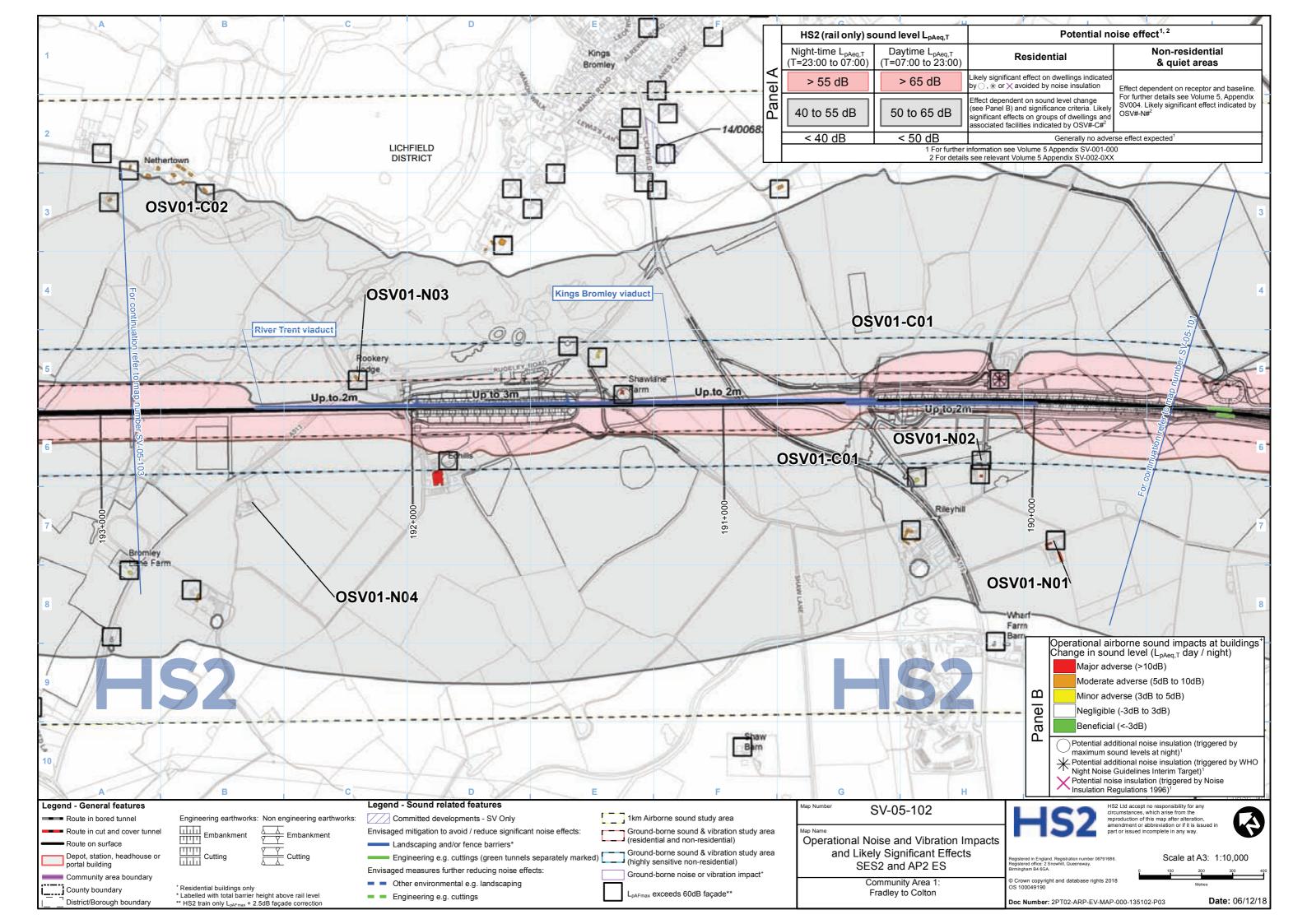


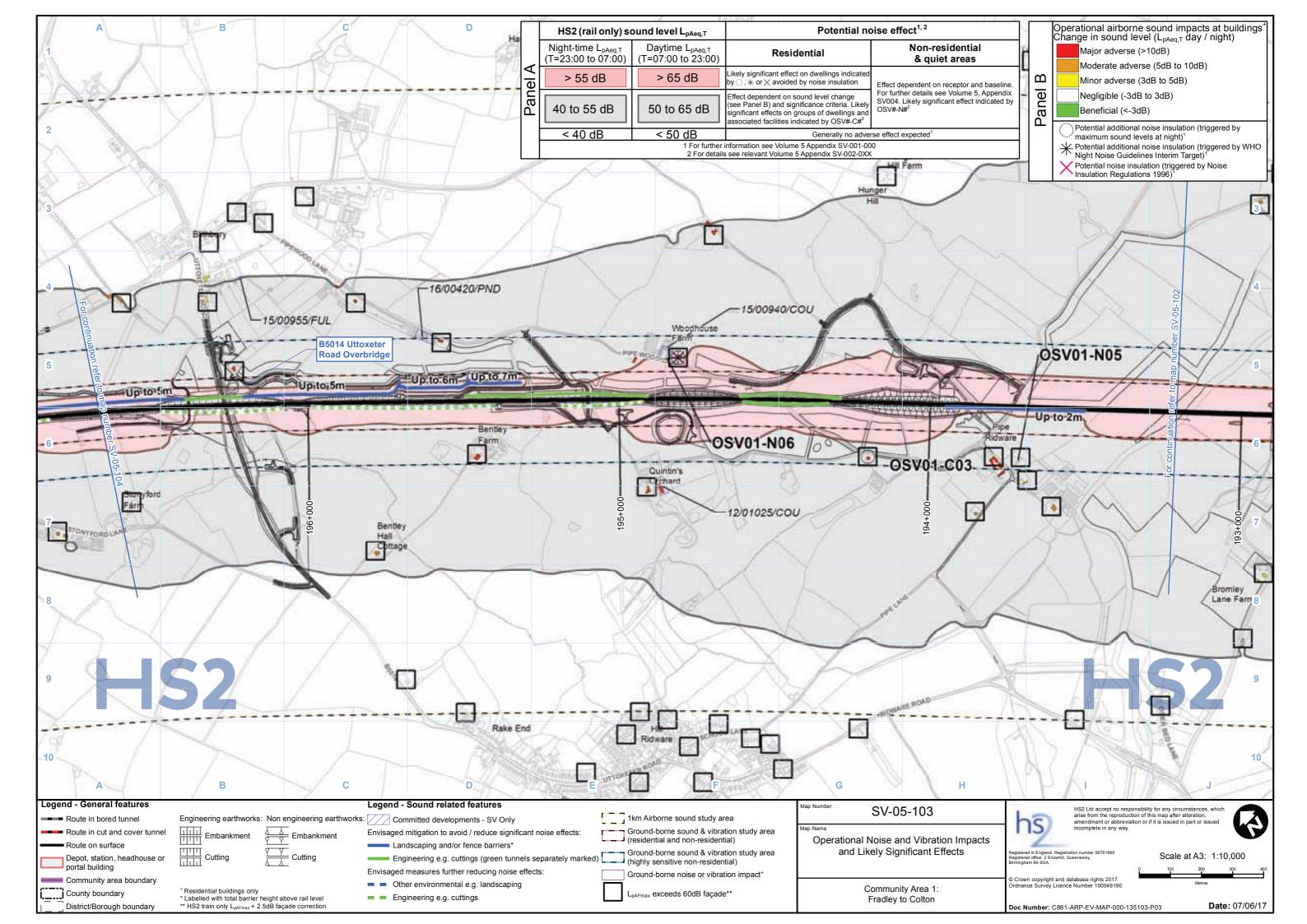
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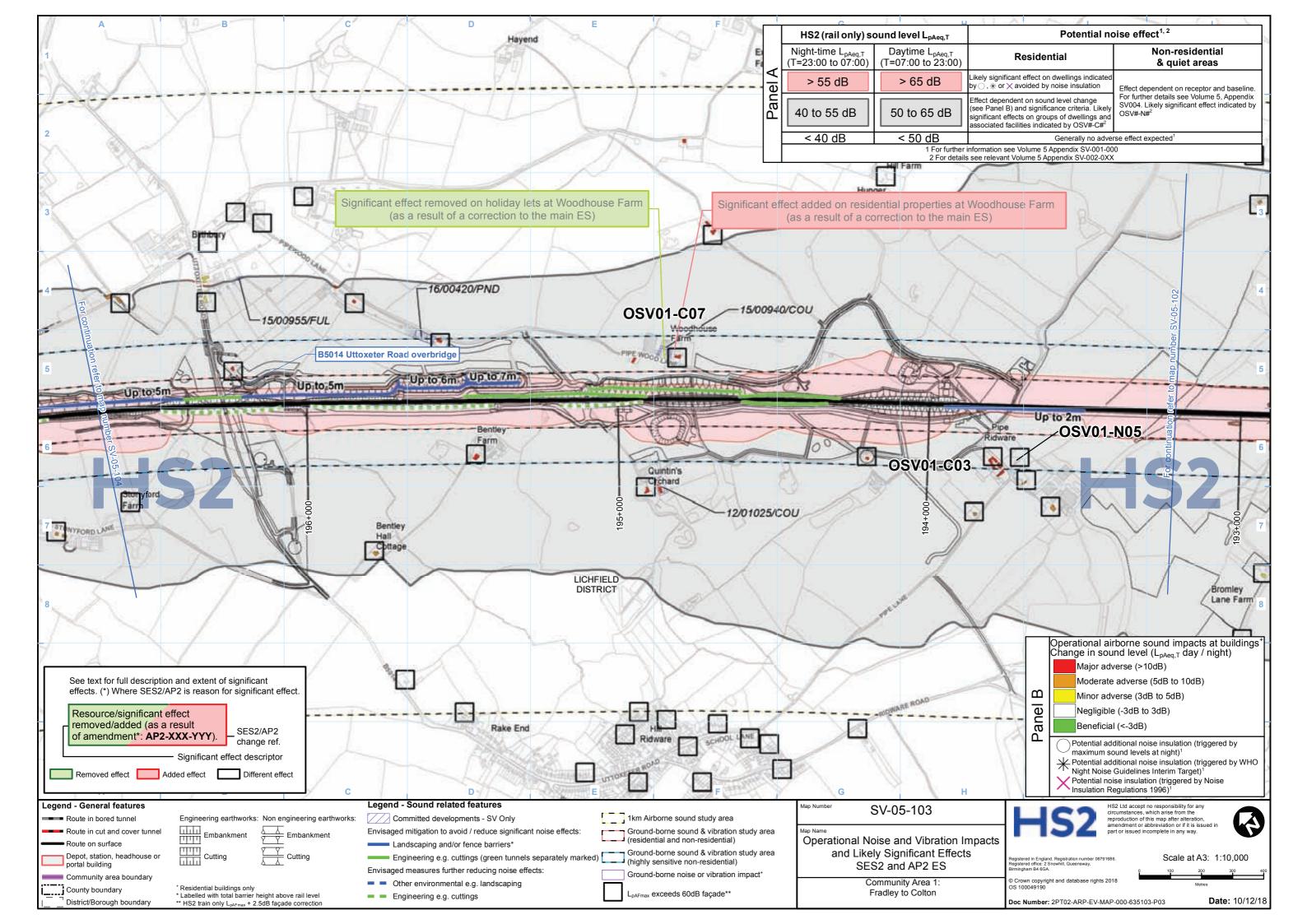
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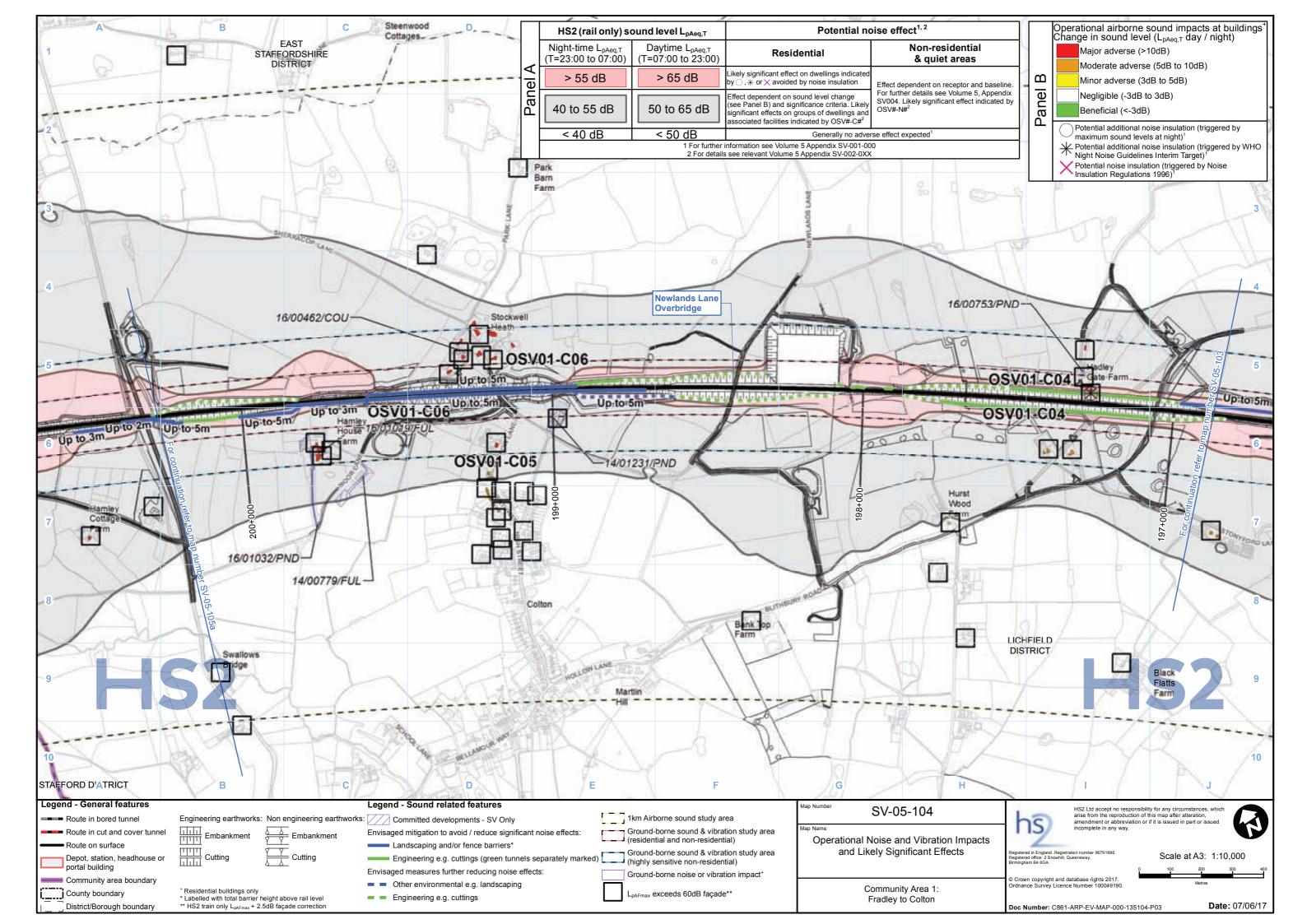
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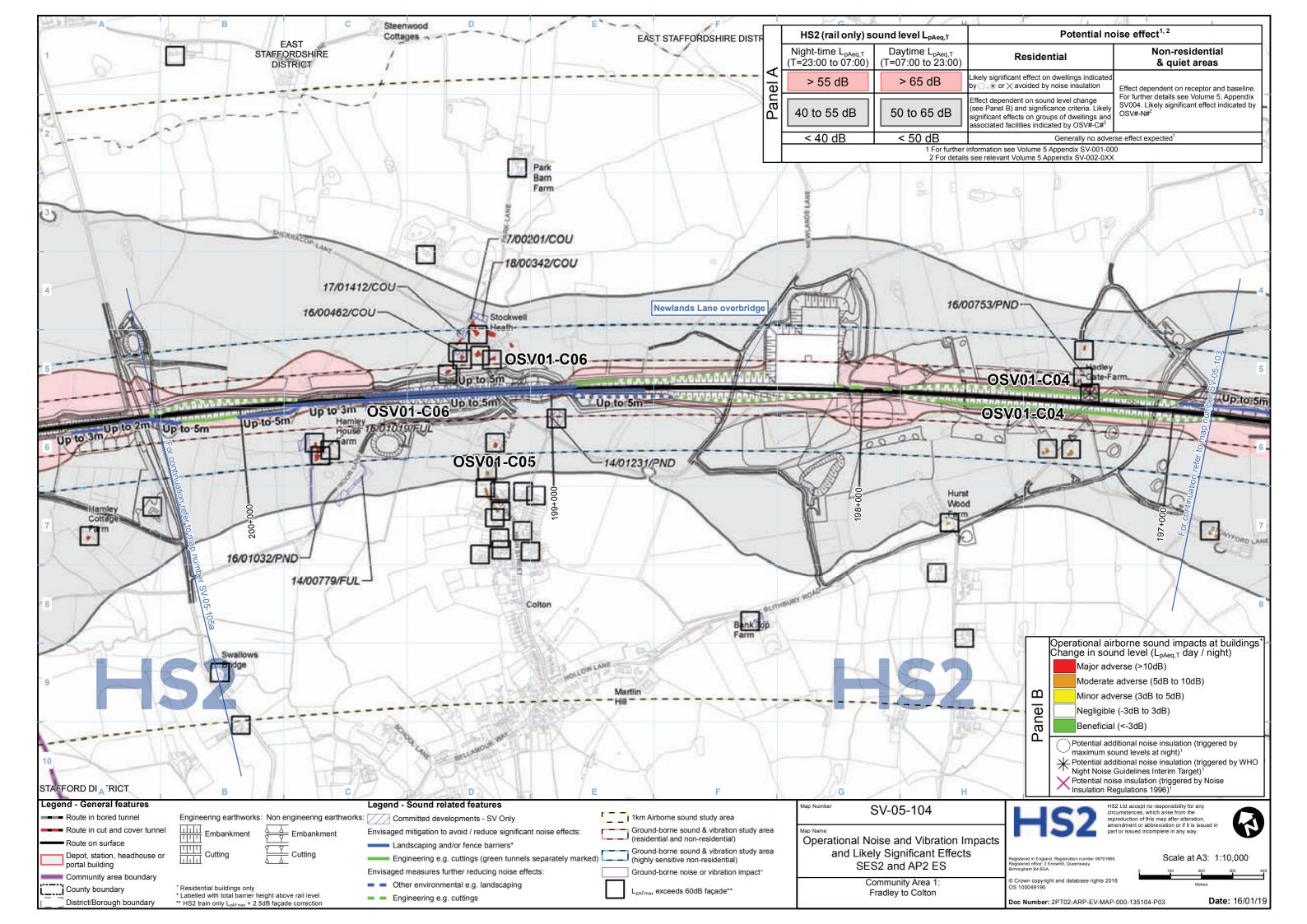












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