

# A303 Amesbury to Berwick Down

TR010025

## 6.1 Environmental Statement

### Chapter 16: Summary

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009

October 2018



## 16 Summary

- 16.1.1 The previous technical chapters 5 through 15 present the assessments for the individual EIA topics. Each assessment provides an assessment of the likely significant effects and Table 16.1 below provides a high-level summary of these effects.

**Table 16.1: Summary of effects**

| Topic                    | Assessment of significant environmental effects   |   |
|--------------------------|---|---|
|                          | Construction Stage  | Operational Stage   |
| <b>Air Quality</b>       | <ul style="list-style-type: none"> <li>No significant effects.</li> </ul>   | <ul style="list-style-type: none"> <li>No significant effects.</li> </ul>   |
| <b>Cultural Heritage</b> | <ul style="list-style-type: none"> <li>Temporary <b>adverse</b> effects of construction activities on the setting of heritage assets within and outside the WHS.</li> <li>Permanent <b>adverse</b> effects due to the loss or truncation of eleven non-designated assets</li> <li>Permanent <b>adverse</b> effects on the setting of one listed building in the vicinity of Countess Roundabout.</li> <li>Permanent <b>adverse</b> effect on the character of the Winterbourne Stoke to Shrewton Water Meadows Historic Landscape Character Area.</li> <li>Permanent <b>beneficial</b> effects, once built, on the setting of 72 scheduled monuments, including Stonehenge, together with two non-designated heritage assets, due to the removal of severance and improvements to inter-relationships between heritage assets.</li> </ul> | <ul style="list-style-type: none"> <li>Permanent <b>beneficial</b> effect on the setting of 75 scheduled monuments and two non-designated assets, due to the removal of traffic using the A303.</li> <li>Permanent <b>beneficial</b> effect on public access to the WHS.</li> </ul> |

| Topic                       | Assessment of significant environmental effects   |  |
|-----------------------------|---|--|
|                             | Construction Stage  | Operational Stage  |
| <b>Landscape and Visual</b> | <ul style="list-style-type: none"> <li>• Temporary <b>adverse</b> effects of construction activities on the rural landscape, particularly the River Till valley and at Longbarrow Junction, including in terms of changes to landform and tranquillity.</li> <li>• Temporary <b>adverse</b> visual effects of construction activities on residents of Amesbury, specifically in proximity to Countess Roundabout, and Winterbourne Stoke, visitors to the WHS and users of the PRoW network.</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Adverse</b> effects on the rural landscape between Berwick Down and Longbarrow Junction, including adverse effects on landform and tranquillity, in the opening year.</li> <li>• <b>Adverse</b> visual effects on users of the PRoW network and some residents in the area west of the WHS in the opening year.</li> <li>• Permanent <b>adverse</b> effects on the landscape of the River Till valley.</li> <li>• Permanent <b>adverse</b> visual effects on the residents of Countess Farm and users of the PRoW in the River Till valley.</li> <li>• Permanent <b>beneficial</b> effects on the townscape within Winterbourne Stoke.</li> <li>• Permanent <b>beneficial</b> effects on the pattern, tranquillity and connectivity of the landscape within the WHS.</li> <li>• Permanent <b>beneficial</b> visual effects on visitors to the WHS and users of the PRoW network within the WHS.</li> </ul> |
| <b>Biodiversity</b>         | <ul style="list-style-type: none"> <li>• Permanent <b>adverse</b> effect due to the loss of the designated non-statutory Countess Cutting CWS.</li> <li>• <b>Beneficial</b> effect on chalk grassland habitat in the vicinity of Parsonage Down and other grassland areas within the scheme.</li> <li>• Permanent <b>beneficial</b> effect as a result of ecological network connectivity through incorporation of green bridges and habitat creation along the length of the scheme.</li> </ul>        | <ul style="list-style-type: none"> <li>• No significant effects.</li> </ul>  |

| Topic  | Assessment of significant environmental effects  |   |
|--|--|---|
|  | Construction Stage   | Operational Stage   |
| <b>Noise and Vibration</b>                     | <ul style="list-style-type: none"> <li>• Temporary <b>adverse</b> noise effects of construction activities for residential properties in close proximity to the works, such as at Countess Roundabout and the northern edge of Winterbourne Stoke.</li> <li>• No significant vibration effects.</li> </ul> | <ul style="list-style-type: none"> <li>• Permanent <b>adverse</b> noise effects for a single property on the northern edge of Winterbourne Stoke closest to the section of the A303 which is realigned to the north of the village.</li> <li>• Permanent <b>adverse</b> noise effects for the closest properties along Church Street and High Street in Amesbury due to the closure of Stonehenge Road.</li> <li>• Permanent <b>beneficial</b> noise effects for residents of Winterbourne Stoke located in close proximity to the existing A303 through the centre of the village.</li> <li>• Permanent <b>beneficial</b> noise effects for visitors to the WHS, residents at Stonehenge Cottages and the northern end of Stonehenge Road.</li> <li>• Permanent <b>beneficial</b> noise effects for residents of properties on the B390 between Shrewton and Chitterne.</li> </ul> |
| <b>Geology and Soils</b>                       | <ul style="list-style-type: none"> <li>• No significant effects.</li> </ul>  | <ul style="list-style-type: none"> <li>• No significant effects.</li> </ul>   |
| <b>Road Drainage and the Water Environment</b> | <ul style="list-style-type: none"> <li>• No significant effects.</li> </ul>  | <ul style="list-style-type: none"> <li>• Permanent <b>beneficial</b> effect as a result of improved prevention and treatment of pollution from road run-off and sediment transport to the River Avon.</li> </ul>  |
| <b>Materials</b>                               | <ul style="list-style-type: none"> <li>• The anticipated failure to meet the target of 22% use of secondary and recycled aggregate would be a likely significant temporary <b>adverse</b> effect.</li> </ul>   | <ul style="list-style-type: none"> <li>• No significant effects.</li> </ul>   |
| <b>People and Communities</b>                  | <ul style="list-style-type: none"> <li>• Temporary <b>adverse</b> effects on seven agricultural holdings and permanent adverse effects on two agricultural holdings.</li> <li>• Permanent <b>adverse</b> effects on best and most versatile agricultural land.</li> </ul>                                  | <ul style="list-style-type: none"> <li>• Permanent <b>adverse</b> effects on driver views through the WHS.</li> <li>• Permanent <b>beneficial</b> effects on connectivity and local travel patterns for users of the PRoW network.</li> <li>• Permanent <b>beneficial</b> effects resulting from reduced severance for the community of Winterbourne Stoke.</li> <li>• Permanent <b>beneficial</b> effects of improved journey time reliability and reduced stress for drivers on A303.</li> </ul>  |

| Topic                     | Assessment of significant environmental effects   |  |
|---------------------------|---|--|
|                           | Construction Stage  | Operational Stage  |
| <b>Climate</b>            | <ul style="list-style-type: none"> <li>No significant effects.</li> </ul>   | <ul style="list-style-type: none"> <li>No significant effects.</li> </ul>  |
| <b>Cumulative effects</b> | <ul style="list-style-type: none"> <li>Temporary <b>adverse</b> combined visual, noise and air quality effects on recreational users of Parsonage Down NNR, byways in the River Till valley, the WHS and Lords Walk.</li> <li>Temporary <b>adverse</b> combined visual, noise and air quality effects on residents of Cherry Lodge, Foredown House, the northern part of Winterbourne Stoke and Countess Farm.</li> </ul> | <ul style="list-style-type: none"> <li>Permanent <b>adverse</b> combined visual and noise effects on recreational users of byways in the River Till valley.</li> <li>Permanent <b>adverse</b> combined visual, noise and air quality effects on residents of Countess Farm.</li> <li>Permanent <b>beneficial</b> combined visual, noise and air quality effects on residents of Winterbourne Stoke.</li> <li>Permanent <b>beneficial</b> combined visual, noise and cultural heritage effects on visitors to the WHS.</li> </ul> |

If you need help accessing this or any other Highways England information, please call **0300 123 5000** and we will help you.

© Crown copyright 2018.  
You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence: visit [www.nationalarchives.gov.uk/doc/open-government-licence/](http://www.nationalarchives.gov.uk/doc/open-government-licence/) write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or email [psi@nationalarchives.gsi.gov.uk](mailto:psi@nationalarchives.gsi.gov.uk).

This document is also available on our website at [www.gov.uk/highways](http://www.gov.uk/highways)

If you have any enquiries about this document email [info@a303stonehenge.co.uk](mailto:info@a303stonehenge.co.uk) or call **0300 123 5000**.\*

\*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls.  
These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ  
Highways England Company Limited registered in England and Wales number 09346363