

# A303 Amesbury to Berwick Down

TR010025

## 6.3 Environmental Statement Appendices

### Appendix 2.1 Environmental Mitigation Schedule

APFP Regulation 5(2)(a)

Planning Act 2008

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

October 2018



## Appendix 2.1 - Environmental Mitigation Schedule

1.1 This Environmental Mitigation Schedule (EMS) should be read in conjunction with the following documents:

- a) The Environmental Statement (ES) and in particular paragraphs 2.3.58 to 2.3.61 of the ES.
- b) The Environmental Masterplan, presented at Figures 2.5(A-S) of the ES.
- c) The Outline Environmental Management Plan (OEMP), presented within Appendix 2.2 of the ES.

1.2 This schedule sets out the mitigation considered in the Scheme's Environmental Impact Assessment that is not already referenced in the OEMP, how it is to be implemented/secured and who is responsible for it.

Ref.	Source	Mitigation / commitment (including specific location and any monitoring required)	How the action is to be implemented / secured	Responsible person(s)
<b>AIR QUALITY</b>				
MS-AQ1	ES Chapter 5, Section 5.8	An appropriate mechanical ventilation system to manage air quality in the tunnel. A pollution monitoring system to monitor air quality in the tunnel to inform the use of the ventilation system.	Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>CULTURAL HERITAGE</b>				
MS-CH1	ES Chapter 6; Section 6.8	Fencing details to minimise the visual impact on the WHS.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-CH2	ES Chapter 6; Section 6.8	Longbarrow Junction and approach roads set in cutting.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor. DCO design.	Main works contractor
MS-CH3	ES Chapter 6; Section 6.8	Green Bridge Four located to provide visual and physical connectivity between the barrow groups at the western end of the WHS. Chalk grassland created on Green Bridge Four with the finished ground level replicating existing ground levels within limits of deviation.	DCO Requirement 8. Contractual requirement between The Authority and	Main works contractor

Ref.	Source	Mitigation / commitment (including specific location and any monitoring required)	How the action is to be implemented / secured	Responsible person(s)
			the main works contractor. DCO design	
MS-CH4	ES Chapter 6; Section 6.8	Public Right of Way / Private Means of Access (PRoW/PMA) surface in WHS suitably coloured to be sympathetically integrated into the WHS landscape.  PRoW/PMA in WHS to not have hard edging, surface markings, signage, lighting, benches, litter bins or other such street furniture.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>LANDSCAPE</b>				
MS-L1	ES Chapter 7; Table 7.5	Bunds and chalk grassland with intermittent scrub and trees to both sides of the new carriageway between SLAN3 and Green Bridge One.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L2	ES Chapter 7; Table 7.5	Regrading of the earthworks and new chalk grassland to the south and east of Parsonage Down NNR.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L3	ES Chapter 7; Table 7.5	Break out of the road surface of the redundant B3083 and planting of native species woodland between the redundant and realigned B3083, including native hedgerow along the western boundary, and creation of chalk grassland.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L4	ES Chapter 7; Table 7.5	Woodland planting to the north of Scotland Lodge Farm between Green Bridge One and the realigned B3083 underbridge.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L5	ES Chapter 7; Table 7.5	Regrading of landscape earthworks to integrate with the existing landform to the north of Winterbourne Stoke, with a false cutting between Green Bridge One and the realigned B3083.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L6	ES Chapter 7; Table 7.5	Bund on the B3083 underbridge to connect to the false cutting either side of the bridge.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-L7	ES Chapter 7; Table 7.5	False cutting and new native hedgerow along south side of the new A303 between the B3083 underbridge and the River Till viaduct.	DCO Requirement 8. Contractual requirement between The Authority and	Main works contractor / Maintenance

Ref.	Source	Mitigation / commitment (including specific location and any monitoring required)	How the action is to be implemented / secured	Responsible person(s)
			the main works contractor.	Authority
MS-L8	ES Chapter 7; Table 7.5	Woodland planting around the River Till Viaduct abutments.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance Authority
MS-L9	ES Chapter 7; Table 7.5	Regrading of the earthworks between the River Till viaduct and Longbarrow Junction, north and south of the new A303, with false cuttings and native hedgerows.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L10	ES Chapter 7; Table 7.5	Replacement of existing hedgerow on the western edge of the realigned Byway WST06B, running north-south of Green Bridge Two, as well as along existing field boundary running parallel to the north of the new A303 / Green Bridge Two.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L11	ES Chapter 7; Table 7.5	Retention or replanting of hedgerow along the northern boundary of the redundant A303 between Longbarrow Junction and the WHS.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L12	ES Chapter 7; Table 7.5	Woodland planting adjacent to Longbarrow Junction.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L13	ES Chapter 7; Table 7.5	Creation of chalk grassland adjacent to both sides of the retained cutting in the western part of the WHS.	Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L14	ES Chapter 7; Table 7.5	Native hedgerows adjacent to the Longbarrow junction along the on/ off slip-roads, the A360 north and south links and the downgraded Winterbourne Stoke link.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L15	ES Chapter 7; Table 7.5	Regrading of landscape earthworks adjacent to Longbarrow Junction, including between Green Bridge Three and the edge of the WHS, and along the A360 south link road.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor

Ref.	Source	Mitigation / commitment (including specific location and any monitoring required)	How the action is to be implemented / secured	Responsible person(s)
MS-L16	ES Chapter 7; Table 7.5	Retention or replanting of hedgerow along western boundary of broken out A360.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L17	ES Chapter 7; Table 7.5	Creation of chalk grassland over the western and eastern cut and cover tunnel sections, with the finished ground level replicating existing ground levels within the limits of deviation.	DCO Requirement 8. DCO design Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L18	ES Chapter 7; Table 7.5	Replacement planting around the north and south of the Countess Flyover slip roads.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L19	ES Chapter 7; Table 7.5	Countess Junction to include earthworks within the centre of the roundabout and in front of the retained earth embankments with tree and shrub planting.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-L20	ES Chapter 7; Table 7.5	Woodland planting around Countess Junction and directly east of Countess Services.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance Authority
MS-L21	ES Chapter 7; Table 7.5	Creation of chalk grassland across the Scheme as shown in the Environmental Masterplan, except where alternative landscape treatments are proposed within the Environmental Masterplan.	DCO Requirement 8. Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
<b>BIODIVERSITY</b>				
MS-B1	ES Chapter 8; Section 8.8	All the green bridges sown or planted with suitable chalkland plant species.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	Main works contractor / Maintenance authority
MS-B2	ES Chapter 8; Section 8.8	Green Bridge One and Green Bridge Two to include bunds and chalkland planting.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	The Authority / Maintenance authority

Ref.	Source	Mitigation / commitment (including specific location and any monitoring required)	How the action is to be implemented / secured	Responsible person(s)
MS-B3	ES Chapter 8; Section 8.8	Gaps in hedgerows leading to the B8083 underbridge to be filled and the hedgerow linked to existing woodland habitat.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	The Authority / Maintenance authority
MS-B4	ES Chapter 8; Section 8.8	Cutting extending on both sides of the Scheme from east of the Green Bridge One to the B3083 bridge and continuing across the bridge east to where the Scheme is within cutting before crossing the Till valley.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-B5	ES Chapter 8; Section 8.8	Mammal underpasses located as closely as reasonably practicable along known badger paths.	Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-B6	ES Chapter 8; Section 8.8	Two bat hibernation features, one located west of the River Till and one located within the redundant underpass east of the eastern portal.	Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-B7	ES Chapter 8; Section 8.8	The road level on the River Till viaduct will be approximately 10m above the River Till where it crosses the river channel. Each deck of the viaduct will be approximately 14m wide and 210m in length. The vegetated banks to be retained during construction, wherever practicable. After construction of the viaduct, the area underneath near the River Till to be reinstated to its former use and fenced to protect the limit of the SAC.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-B8	ES Chapter 8; Section 8.8	Hedgerows that cannot be retained, either during construction or following landscaping activities, to be replaced or the gaps filled where necessary.	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-B9	ES Chapter 8; Section 8.8	Fencing to protected species habitat and to areas into which protected species are temporarily displaced.	Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>NOISE AND VIBRATION</b>				
MS-N1	ES Chapter 9, Section 9.8	Use of a noise absorbent finish to the walls at the entrances/exits of the tunnel and Green Bridge Four.	Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>SOILS AND GEOLOGY</b>				
MS-SG1	ES Chapter 10; Section 10.8	Road edge channels to intercept carriageway runoff with outfalls via a carrier pipe network to drainage treatment areas.	DCO Requirement 10. Contractual requirement	Main works contractor

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			between The Authority and the main works contractor.	
MS-SG2	ES Chapter 10; Section 10.8	To the west of the tunnel, infiltration basins to store and treat the runoff before discharging to ground. At Countess junction a series of linear ponds planted to attenuate and treat the highway runoff before outfalling to existing ditches, incorporating suitable mechanism to contain spillages of contaminants.	DCO Requirement 10. Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>ROAD DRAINAGE AND THE WATER ENVIRONMENT</b>				
MS-RD1	ES Chapter 11; Section 11.8	Road edge channels to prevent runoff discharging directly to the River Till and River Avon or infiltrating the runoff to ground without treatment. Discharges of the drainage system to be outside any Source Protection Zones for licensed groundwater abstractions.	DCO Requirement 10. Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>MATERIALS</b>				
MS-M1	ES Chapter 12; Section 12.8	Deposition of excavated material on land to the east of Parsonage Down National Nature Reserve for landscape integration and creation of chalk grassland habitats	DCO Requirement 8 Contractual requirement between The Authority and the main works contractor.	Main works contractor
<b>PEOPLE AND COMMUNITIES</b>				
MS-PC1	ES Chapter 13; Section 13.8	New restricted byways on the north and the south side of the new alignment both tying in with PRoW SLAN3, and a new bridleway east from Winterbourne Stoke to the new Longbarrow Junction.	DCO design Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-PC2	ES Chapter 13; Section 13.8	Provision of Green Bridges, one of which facilitates the realignment of the existing WSTO6B PRoW and two of which each provide a new NMU route.	DCO design Contractual requirement between The Authority and the main works contractor.	Main works contractor
MS-PC3	ES Chapter 13; Section 13.8	Provision of access to severed agricultural land.	DCO Article 10 Contractual requirement between The Authority and the main works contractor.	Main works contractor

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