

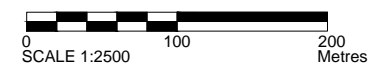
**LEGEND**

Existing Landscape Element	Environmental Objectives	Environmental Elements - Landscape	Environmental Barriers	Structures	Planning Features
Woodland	E0-1 - Landscape Integration	EE-L1.5 - Open Grassland	Existing Environmental Barrier to be retained/replaced	Proposed Gantry	Listed Building and ES Gazeteeer reference (see Cultural Heritage App 7.1)
Scrub	E0-2 - Visual Screening	EE-L2.2 - Individual Trees	EE.N1.3 - Existing Environmental Barrier to be increased in height	Existing Gantry Retained	Scheduled Monument (SM)
Scattered Trees	E0-3 - Visual Amenity	EE-L2.3 - Linear Belts of Trees and Shrubs	EE.N1.3 - New Environmental Barrier	Existing Gantry Removed	Conservation Area
Hedges	E0-4 - Auditory Amenity	EE-L2.5 - Scrub	Environmental Barrier Reference	Gantry Reference	Registered Park and Garden (RPG)
Open Grassland	E0-5 - Nature Conservation and Ecology	EE-L2.6 - Shrubs	Barrier Information	ERA Reference	Area of Outstanding Natural Beauty (AONB)
Watercourses and Waterbodies	E0-6 - Enhancing the Built Environment	EE-L2.7 - Shrubs with Intermittent trees	Barrier Reference	Information	Site of Special Scientific Interest (SSSI)
Ornamental Planting		EE-L2.9 - Woodland	Barrier Type	Location Reference	Special Protection Area and Ramsar (SPA)
		EE-L2.10 - Woodland Edge	Barrier Height	Environmental Objective	Local Nature Reserve (LNR)
		EE-L6.3 - Strengthened Earthworks		Environmental Element	Site of Local Importance
				Order limits	Site of Borough Importance
					Site of Metropolitan Importance
					Biological Notification Site
					Existing Public Right of Way (PRoW)

**NOTES**

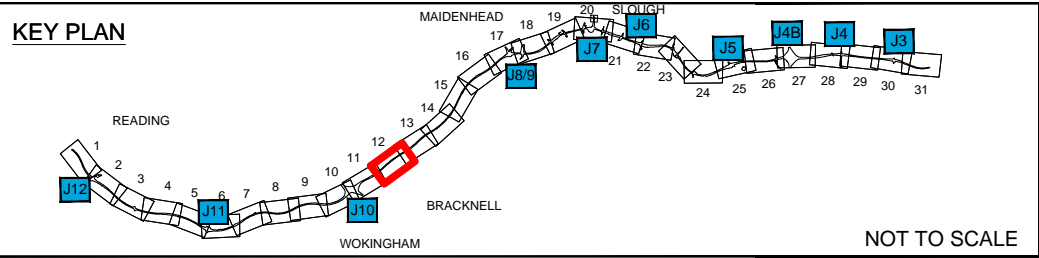
- Landscape mitigation proposals are based on the preliminary design drawings in the Engineering Design Report and are located on land in permanent Highways England ownership. Landscape mitigation proposals are indicative and will be subject to finalisation in line with the design development of road alignment, earthworks, highways, structures and clearance requirements.
- All existing vegetation identified within the Order limits shall be retained where reasonably practicable. Prior to any vegetation clearance all areas of existing vegetation are to be assessed by a qualified Landscape Architect and ecologist. Further landscape and/or ecological measures may apply.
- The vegetation clearance for the layout of gantry bays (including gantry, cabinets and associated equipment) has been based on a typical length of 60m up to the Order limits, dependent on the existing landscape elements and objectives, to allow sufficient working area.
- The layout of ERAs and associated vegetation clearance has been based on a typical length of 160m up to the Order limits, dependent on the existing landscape elements and objectives, to allow sufficient working area.
- The locations of nature conservation fencing are indicative. The precise alignment of fencing is to be finalised on site.
- Although the extents of the environmental barriers are fixed laterally, the location within the verge is subject to finalisation, in line with the design development of road alignment, earthworks, highways and structures.
- Areas of existing woodland and scattered trees are indicative and show the extent of tree canopies.
- The landscape mitigation proposals do not include mitigation surrounding proposed communications or drainage interventions. Areas affected by the construction and installation of these interventions are to be made good with Environmental Element EE-L1.5 Open Grassland.
- Refer to Vegetation Clearance drawings 514451-MUH-ML-ZZ-DR-SC-301224 to 514451-MUH-ML-ZZ-DR-SC-301255 for indicative details of temporary and permanent vegetation clearance.
- Refer to ES Volume 3, Appendix 8.4 - Schedule of Existing Vegetation to be Retained for information on existing vegetation to be retained within the Order limits.
- Type of environmental barriers include reflective acoustic barriers and absorptive acoustic barriers as noted in the barrier information at the specific locations.

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Rev #	Revision Date	Revision Details	Drawn	Check	Review	App'd
11F	29.02.2016	Issued for HE review	JN	RK	DH	DH
10F	17.02.2016	Issued for HE review	BP	RK	DH	DH
9F	05.02.2016	Issued for HE review	BP	RK	DH	DH
8F	02.02.2016	Issued for review	JN	RK	DH	DH
7F	20.03.2015	Submitted with DCO application.	TR	TR	BC	BC
6F	20.03.2015	Submitted with DCO application.	GW	GW	BC	EH
5F	05.03.2015	Updated in line with Alliance and HA comments.	JM	GW	BC	EH
4D	30.01.2015	Issued for HA review.	GW	GW	BC	EH
3D	30.01.2015	Issued for HA review.	GW	GW	BC	EH
2D	14.01.2015	Issued for review	JM	GW	BC	EH
1D	14.11.2014	Env. elements areas amended and badger fencing added	CCx	BC	EH	EH
0D	14.11.2014	DRAFT	CCx	BC	EH	EH

**KEY PLAN**



  	 Highways England The Cube 199 Wharfedale Street Birmingham B1 1RN	Job Title <b>M4 JUNCTIONS 3 TO 12          SMART MOTORWAY</b>
		Drawing Title <b>ENVIRONMENTAL          MASTERPLAN          SHEET 12 OF 31          THE STRAIGHT MILE</b>
Alliance Document Reference 514451-MUH-ML-ZZ-DR-EM-300746		Drawing Number <b>514451-MUH-ML-ZZ-DR-EM-300746</b>
Rev 11F		Scale at A1 1:2500

NOT TO SCALE