Keynote - Biodiversity and Nature Conservation Cinderford Northern Quarter Appendix A Figures A3

1 Appendix A - Appropriate Assessment Figures (A3)



Bat Crossing Type A: Indicative Post and Wire Gantry Structure

The structure will consist of steel cables to bridge the carriageway, supported by treated timber posts and anchored at either end in concrete slabs (structure to be designed to engineer's specification).

Tree planting will surround the gantry structure and merge with existing woodland. On establishment of an adequate tree canopy the gantry crossing could be removed, subject to an ecologist's approval.

Native climbing plants such as 'Old Mans Beard' and Honeysuckle to be planted at anchor points at and the foot of timber structural posts on both sides of the carriageway to help ease the gantry structure into its setting.

Plant and tree species, density and ratios to be submitted to the Forest of Dean District Council for approval. Planting should include trees ranging in size from 8-10cm girth feathered 300-350cm high, to 20-25 cm girth semi mature 425 - 600 cm high. Shrubs to range in size between 40-60cm high, container grown in 3I pots to 60-80 cm high container grown in 5-7I pots or bare root (depending on species and season).

Indicative plant list:

Trees

English Oak Quercus robur, Ash Fraxinus excelsior, Beech Fagus sylvatica, Common Alder Alnus glutinosa, Silver Birch Betula Pendula, Norway spruce Picea abies, Wild cherry Prunus avium and European Larch Larix decidua.

Shrubs

Goarse Ulex europaeus, Broom Cytisus scoparius, Spindle Euonymous europaeus, Hawthorn Crataegus monogyna and Blackthorne Prunus spinosa

Climbers

Old mans beard Clematis vitalba and honeysuckle Lonicera periclymenum



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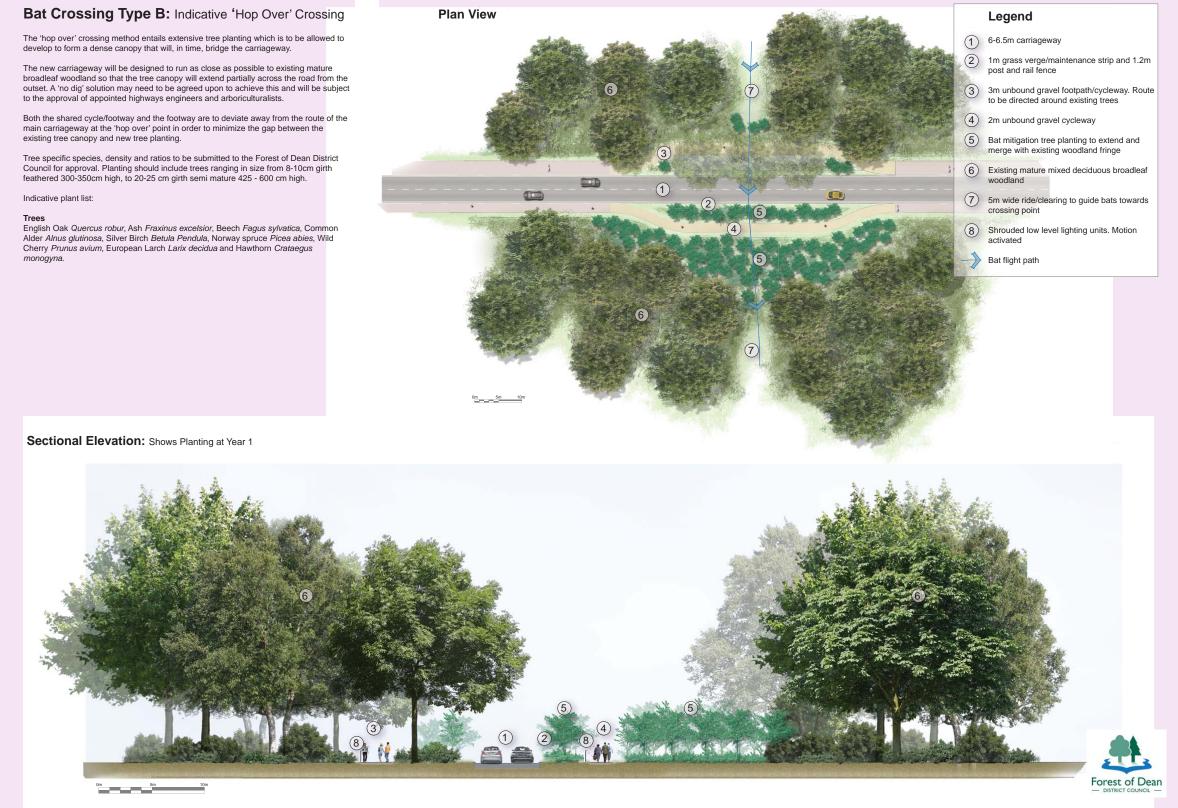
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(1) 6-6.5m carriageway with 3m footway/cycleway and 2m cycleway

4 Bat mitigation tree planting to extend and merge with existing woodland fringe and extend to roadside maintenance verge

6) 5m wide ride/clearing to guide bats

(7) Shrouded lighting directed away from



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