

8. Material Use

HIGHLY COMMENDED

M25 Widening J16–23 & J27–30 & Hatfield Tunnel Refurbishment

Client: Highways Agency | Designers: Atkins and Ramboll WSP
PFI Contractors: Connect Plus / Skanska Balfour Beatty JV

DESCRIPTION: The project developed an innovative waste and materials procurement strategy to deliver significant environmental and financial benefits. The widening scheme was a 'net-waste importer' utilising 2.4 million tonnes of recycled and secondary aggregates accounting for 92% of the total imported material – saving over £15million when compared to traditional materials and methods.

ACHIEVEMENTS: 100% of inert earthworks materials reused on site; 3.6 million tonnes of waste diverted away from landfill. 50% of existing Environmental barrier retained. 100% existing central reserve concrete barrier retained.

JUDGES' QUOTE: *The implementation an innovative materials procurement strategy has enabled the project to reuse vast volumes of existing materials and make the project a net importer of waste, something that every construction project should aspire to.*



[Sharon Gratton, CEEQUA.]

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