

**A66 Northern Trans-Pennine Project
TR010062**

**3.4 Environmental Statement
Appendix 11.4 Construction Waste
Estimates**

APFP Regulations 5(2)(a)

Planning Act 2008

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

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**3.4 ENVIRONMENTAL STATEMENT
APPENDIX 11.4 CONSTRUCTION WASTE ESTIMATES**

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11.4 Construction Waste Estimates

11.4.1 Introduction

- 11.4.1.1 This appendix sets out the construction waste estimates.
- 11.4.1.2 Construction waste has been estimated for the Project based on the preliminary design, and utilising Waste Benchmarking Data developed by Building Research Establishment (BRE) on behalf of the Waste Resources Action Programme (Waste Resources Action Programme and the Building Research Establishment, 2012)¹.
- 11.4.1.3 The estimated construction wastes are summarised in Table 1: Estimated Construction Waste.

Table 1: Estimated Construction Waste

Cost	BRE Project Type	Average waste mass (tonnes) /£100k	Mass (tonnes)
£466,900,000	Roads and Car Parks	5.6	26,1546

- 11.4.1.4 The estimated construction waste for each scheme are summarised in Table 2: Estimated Construction Waste for each Scheme. The length of each scheme has been used to estimate the construction waste generated by each scheme.

Table 2: Estimated Construction Waste for each Scheme

Scheme	Mass (tonnes)	Length (kilometres)	Per cent
Routewide Total	26,146	50.9	100
M6 junction 40 to Kemplay Bank	1,160	1.6	4
Penrith to Temple Sowerby	3,789	5.2	14
Temple Sowerby to Appleby	6,254	8.6	24
Appleby to Brough	5,889	8.1	23
Bowes Bypass	2,125	2.9	8
Cross Lanes to Rokeby	3,068	4.2	12
Stephen Bank to Carkin Moor	3,594	5	14
A1(M) Junction 53 Scotch Corner	268	0.5	1

¹ Waste Resources Action Programme and the Building Research Establishment (2012) SMARTWaste Data and Reporting