



EASTLINK



PROJECT NAME/LOCATION

Eastlink, Melbourne, Victoria

OWNER/PRINCIPAL

VicRoads

MAIN CONTRACTOR

Thiess John Holland

MATERIALS SUPPLIED

Class 2 Concrete Wetmix
Class 3 Concrete Wetmix
Class 4 Concrete Wetmix
Class 3 3% CT Concrete

SPECIFICATIONS

VicRoads section 820
VicRoads section 821

TOTAL TONNAGES SUPPLIED

Over 200,000 tonnes

TONNES SAVED

Approximately 17,000 tonnes

ALEX FRASER CONTACT

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PROJECT DETAILS

Overview

Eastlink is a tolled section of the M3 Freeway, linking a large area through the eastern and south eastern suburbs of Melbourne. It was constructed by a joint venture of construction companies Thiess and John Holland.

The \$2.5 billion project commenced in January 2005 and involved constructing a 45-kilometre freeway.

Alex Fraser contributions

Alex Fraser supplied 20mm Class 3 Cement Treated Crushed Concrete and 20mm Class 4 Crushed Concrete road base materials for the main alignment in both the Dandenong and Frankston sections of the project. The material was used as base layers directly under asphalt, capping layers and bedding material. Over 200,000 tonnes of recycled concrete materials were supplied to the project.

The material was supplied in accordance with VicRoads Specification Section 820 and 821.

The accelerated timelines of the project meant high tonnages were required daily, and the use of Cement Treated material meant logistics was critical to the success of the project.

The consistency of the Class 4 material, along with high daily delivery rate meant compaction and trimming of the capping layer was much quicker than with alternate materials.

Cost and carbon savings

Choosing Alex Fraser recycled materials resulted in a saving of 17,000 tonnes of material, or 412 less truck loads, and a carbon saving of approximately 1,265 tonnes.