



REDBANK PLAINS ASPHALT PLANT

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- 👤 Client Name: Boral Asphalt
- 📅 Status: Completed May 2012
- 👤 Design & Construct
- 💰 Value: \$13.3m + GST
- ☰ Category: Civil

Project Details

Boral Asphalt engaged Alder Constructions to lead a team to design and construct a new asphalt plant on a greenfield site at Redbank Plains.

As well as the civil component of the site, Alder was very heavily involved with both design and construction of all structures, including maintenance and operational buildings, weighbridge and storage bins.

Boral Asphalt staff stated that this plant set the benchmark for their future design and construction activities throughout Australia.

Works Undertaken

Some of the key components of this project were:

- Earthworks and pre-casting of major concrete elements for retaining walls and bin bays
- 35,000m³ of earthworks were required to reshape the sloping site to usable platforms, requiring 1,000m² of retaining walls of various types
- The chosen layout of the site minimised traffic confluence but did require 12,000m² of pavements - both HD concrete and asphalt
- External works including road frontage upgrade, major power reticulation requirements, sewerage and water and stormwater treatment all combined to create a very interesting jigsaw for site staff to construct



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