Ambleside Rail Crossing Loop

*Bulk Earthworks*

**Client**
Transfield Services / ARTC

**Location**
Ambleside

**Contract Value**
$7 million

**Completion Date**
September 2012

**Project Description**
The project involves the construction of a 2.3 kilometre long rail crossing loop that will contribute to improving the efficiency of train movements.

Key elements of the project include:

- Constructing a 44m long bridge over the Onkaparinga River founded on CFA piles supporting 50MPa precast prestressed bridge beams.
- Repositioning a fibre optic cable to avoid clashes with the new rail infrastructure.
- Lime stabilisation of alluvial soils with low bearing capacity.
- Drainage works including the installation of various sized reinforced concrete pipes and box culverts, junction boxes, headwalls and the extension of several existing culverts.