

# 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.



### **Bardavcol Pty Ltd**

7 Churchill Road North, Dry Creek SA 5094

Tel: +61 8 8260 5044 Fax: +61 8 8349 6715

marketing@bardavcol.com.au

www.bardavcol.com.au