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# Southern Expressway Reinforced Earth Retaining Walls

**CLIENT:** Baulderstone Abi Group Joint Venture

**LOCATION:** Christies Beach, SA

**PROJECT VALUE:** \$0.2M

**CONSTRUCTION PERIOD:** Jan 2013 –Feb 2013



## SCOPE OF WORKS:

Works involved the construction of Reinforced earth retaining walls for the new bridge abutment.

Access to the site was restricted as both access/egress and construction of the wall could not be undertaken from the eastern side as live traffic was still open from the western side of the wall.

Works were completed in a tight time schedule in order to open Beach Rd back to full access for traffic.

A breakdown of the works is as follows:

- Removal of nominated existing Reinforced earth panels
- Excavation and base preparations as required
- Installation of the concrete levelling pad
- Erection and temporary propping of precast fascia panels
- Laying and connection of galvanized reinforced earth strips
- Supply and placement of backfill materials.