



Rail Capacity Enhancement

Client: Rio Tinto

Practical Completion: December 2013

Location: Karratha / Cape Lambert, WA

Contract Value: \$35M

Pioneering Earthworks. 7 Mile Rail Yard Upgrade Facilities.

- Construct bulk and final earthworks to new rail yard facility. Approximately 50ha, consisting of 3.6 km rail formation deviations.
- Construction of 2 x 3.4km new rail formation sidings including sub-grade sub-base and base course foundation.
- Associated CSP culverts
 - ◊ 7 x 3 barrel x 900mm. x 13.2m / 5 x 3 barrel x 1200mm 14m / 3 x 5 barrel x 600mm x 14m
 - ◊ Rip rap scour protection to batters and banks 1545m².
- Concrete headwalls and aprons and Rip Rap 877m².
- Construction of side drains and drainage ponds 1.68km.
- Construction of sealed roads as to main roads specifications, between sidings 2 x 3.45km 48,300m² including rail crossings entries from 7 Mile facilities and rubbish tip road.
- Line marking and signage.
- Trenching and back fill of 3.14km fibre optic cable trenching including cement stabilization. Markers and signage.
- Carry out excavation for new flash butt welding workshop foundations and footings, construction pads, site entries and access.
- Construction of new sealed access road as to main roads specification from Yurralyi Maya Power Station to North West Coastal Hwy entry point - 5.87km - 41,165m².
 - ◊ Including culverts 7 x 4 barrel 1200mm x 11.8m / 5 x 4 barrel x 900mm x 11.8m / 1 x 8 barrel x 2.8m x 12m / 3 x 4 barrels 300mm x 12m
- Line marking and signage.
- Supply and install 6.12km of rural fencing.



Form of contract:	AS4000	Type of contract:	Schedule of Rates / Dayworks
Start date:	10/8/2010	Date for Practical Completion:	15/10/2013
Date of Practical Completion:	15/12/ 2013	Actual contract period (weeks):	172 weeks

