

Location

Nammuldi Minesite

Client

Rio Tinto Iron Ore

Total Project Value

\$20 - \$40 Million

Role

*Client Representative, Design, Procurement,
Project Construction and Commissioning Management*

Services Provided

*Project Design and Construction Management
Preparation of Tender Packages
Management of Tender / Contracting Process
Project Controls and Reporting (Documentation, Schedules
and Cost Control)
Procurement and Expediting
Site Construction / HSE Management
Liaison with Mine and Rail Operations Personnel*



Project Overview

This project involved management of Design, Procurement and Construction of a rail crossing at the Nammuldi Mine. The crossing was required to facilitate access of haulpacks to an ore body remote from the existing processing plant.

The crossing consisted of three individual corrugated steel plate tunnels. Each was approximately 80m long. These tunnels are the largest of their type in the southern hemisphere. The central tunnel is sized for a dual rail line, the other two for light vehicle traffic (but sized to take a mine site water cart).

IPS' scope involved the management of the detailed engineering, procurement of long lead items, plus the project and construction management of the project on site to commissioning and handover. Heavy vehicle, light vehicle and train traffic control was a key component of the on-site management issues specific to this project. This necessitated a high level of interface with Mine Operations Management, Pilbara Iron Rail Department and the construction contractor. A detailed traffic management plan complete with traffic flow procedures was developed to manage the site overall traffic interface issues.

The project was completed without an LTI or any unplanned interruption to mine site activities.

