

PROJECT PROFILE

Name:	REGIONAL FAST RAIL PROJECTS – LATROBE VALLEY AND BENDIGO WORKS PACKAGES
Owner:	Department of Infrastructure
Client:	Regional Rail Link (Joint Venture between John Holland and Transfield) RRL
Project Description:	The purpose of the Regional Fast Rail Projects was to provide a safer, faster and more reliable train service to the four major regional centres around Melbourne. This involved the upgrading of the antiquated rail infrastructure to facilitate the running of a 160km/h fast train service and the introduction of a new timetable to suit the ever increasing demand.
Site Location:	South Central, Gippsland and North Central Victoria, Australia.
Year Completed:	2006



O'Donnell Griffin were contracted by RRL to undertake the signalling system upgrades for the following Regional Fast Rail work packages:

- The Latrobe Valley line between Pakenham and Traralgon (100km)
- The Bendigo line between Watergardens and Bendigo (126km)

O'Donnell Griffin's scope of work involved the installation of new signalling and power systems and modification to the existing systems, including the following:

- Signal Masts and Gantries.
- Equipment housings including location cases, equipment huts and trackside boxes.
- Relay Room CBI system retrofits.
- Trackside equipment including various types of track circuits, TPWS equipment, point machines, derails & crowders and mechanical levers.
- Main and Local cable routes.
- Signalling, power and HV cabling installation, termination and testing.
- Fibre optic cable installation, termination and testing.
- HV switchgear installation, testing and commissioning.
- Supply Authority Power supplies.
- Backup generator and uninterruptible power supplies.
- Level crossing and pedestrian crossing protection upgrades.
- Installation testing.
- Testing and commissioning assistance.
- Removal of redundant equipment.



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The work was performed during a combination of line shutdowns, area occupations and during train running.

After the introduction of major safety enhancement scope changes by the principal client, the works were conducted under an accelerated programme to achieve the earliest possible return to service and introduction of the new timetable.

Both lines were successfully returned to service by the principal client's milestone dates.

Key ODG Project Personnel:	Jeff Russell – Project Manager; Paul Thomas – Line Manager, Bendigo Gary Pallister Signal Engineer; John Bazyk – Line Manager, Latrobe
Quality Standards Applicable	ISO 9001; Project Quality Management Plan
Specific OH & S Requirements	ODG Project Safety and Environmental Plan
