

PROJECT PROFILE

Name:	JOLIMONT RATIONALISATION PROJECT
Owner:	Public Transport Corporation (PTC)
Client:	Leighton Contractors.
Project Description:	The purpose of the project was to relocate the train stabling to outer metropolitan locations, reduce the 40 plus rail lines and sidings down to 12 main through lines and to facilitate the construction of Federation Square.
Site Location:	Melbourne CBD, Victoria.
Year Completed:	1999



Conducted and managed by the Public Transport Corporation (PTC), this was the largest project undertaken in Victoria since the Melbourne Underground in the 1970's.



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

- Signal Masts.
- Equipment housings including location cases and trackside boxes.
- Major Relay Room modifications to relay interlockings and geographical modules.
- Trackside equipment including various types of track circuits, point machines and trainstops.
- Main and local cables routes.
- Signalling, power and HV cabling installation, termination and testing.
- HV switchgear installation and testing.
- Pneumatic (Air) reticulation.
- Spark gaps and traction return bonding.
- Installation testing.
- Testing and commissioning assistance.
- Removal of redundant equipment.



The work was undertaken in 6 stages, consisting of stage pre-shutdown work performed during train running, and work performed during shutdowns of specific lines, while the adjacent lines continued to operate.



Each stage was successfully completed within the required timeframe, which enabled the Federation Square project to commence on time.

Key ODG Project Personnel:	Stephen Parry – ODG Project Manager; Paul Thomas – ODG Site Supervisor
Special Project Achievements	Area 1 was conducted during an around the clock shutdown of very short duration. As many trades were involved in a confined area, coordination was a major focus, and ultimately the key to the successful, safe stage delivery.
Quality Standards Applicable	ISO 9001; ODG Project Quality Management Plan PTC Railway Standard Specifications