

## Public Transport



### Location

Australia

### Office Responsible

Cardno Grogan Richards

### Responsibilities

Traffic and Transport

### Project Scope

The role and importance of public transport as a means of transportation is currently expanding in Melbourne, as the suburbs continue to proliferate outwards and roadway capacities are reached. Technological advances in vehicle monitoring have paved the way for vehicle tracking systems and advanced public transport priority. In combination with traffic signal operation techniques these initiatives enable priority to be given to public transport vehicles without unduly compromising road capacity for other road users.

Cardno Grogan Richards has had an integral role in the development of public transport initiatives, with involvement in delay studies for various tram routes, Smartbus investigations and the continuing preparation of tram and bus priority signal operation specification. In addition, Cardno Grogan Richards has significant experience in the geometric design of modal interchanges, bus depots and associated parking, with a good understanding of Disability Discrimination Act (DDA) requirements.

### Projects include:

- Knox Shopping Centre Bus Interchange
- Chadstone Bus Interchange
- Northland Bus Interchange
- Broadmeadows Bus Interchange
- Ringwood Railway Station
- Box Hill Bus Interchange
- Watergardens Modal Interchange
- Preston Market Railway Interchange
- Stud Park Bus Interchange
- Tram Superstops on Swan St and Docklands Drive
- Roxburgh Park Transit Interchange

### Clients Include:

- Yarra Trams
- Department of Transport
- VicRoads
- Tyco Integrated Systems

### Services Offered:

- Delay studies for bus and tram routes.
- Intersection analysis for public transport priority.
- Traffic signal operation design.
- Modal interchange, bus depot and