

Project Development

Winter 2018



Our Company

Traffix Group is one of Victoria's leading specialist traffic engineering and transport planning consultancies, providing a full range of traffic engineering services to private sector, local government and state government clients.

Traffix Group is located in Glen Iris, Melbourne and is staffed by over 45 traffic engineers and related technical staff.

Capabilities & Services

Traffix Group has an experienced team of traffic engineers and designers responsible for the development and design of a range of transport projects at all stages of the project life cycle.

Traffix Group is proud to offer a wide range of services to our clients including:

Traffic Management Plans

- Construction traffic management plans (TMP)
- Workplace risk assessments
- TMP traffic impact assessments
- Road construction staging plans

Road Safety Audits

- Existing conditions (roads, shared paths)
- Preliminary and detailed design stages
- Worksite traffic management
- Pre and post opening stages

Design

- Functional road and intersection designs
- Traffic signal plans
- Feature surveys and street lighting designs
- Signage and linemarking plans
- Car park layouts

Transport Surveys

- Public transport and parking surveys
- Video (turning movement, queuing, delay)
- GPS and Wi-Fi (travel time, delay)
- Origin-Destination (roads, intermodal)
- Community surveys (face-to-face, online)

Other Services

- Safe system assessments
- Detailed traffic analysis (SIDRA, VISSIM)
- LATM investigation and design
- Project management
- GIS mapping

Traffic Management Plans

Traffix Group has a wide range of experience in the preparation of traffic management plans for projects ranging from multi-billion dollar road projects to building works in the CBD.

Hurstbridge Rail Line Upgrade

Project: Duplication of 1.2km of single-track section between Heidelberg and Rosanna, including the removal of two level crossings at Alphington and Rosanna.

Role: Preparation of detailed construction traffic management plans for the various stages of construction.



Mernda Rail Extension Project

Project: \$600 million project to construct 8km of new dual track railway line between South Morang and Mernda, including three new stations and five grade separated crossings.

Role: Preparation of short and long term traffic management plans for the various stages of construction.

[Click here for an aerial flyover video of the Mernda Rail Extension.](#)

Waverley Road, Malvern East

Project: Construction of a 3 storey aged care facility including a large basement carpark.

Role: Preparation of detailed construction traffic management plans and swept path assessments.



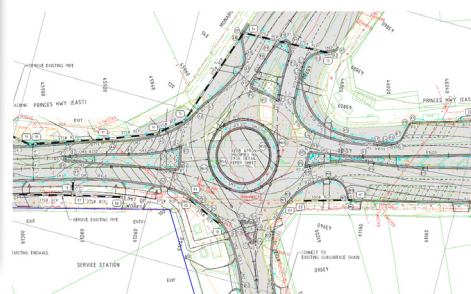
Road Safety Audits

Traffix Group has eight VicRoads-accredited Senior Road Safety Auditors who have extensive experience in all stages of road safety audits. Selected auditors are also accredited in NSW, South Australia and Queensland.

Princes Highway / Monaro Highway, Cann River

Project: Changes to the traffic and parking layout of the Princes Highway through the Cann River township including the construction of a roundabout at the Monaro Highway intersection.

Role: Detailed design road safety audit for the proposed upgrades including day and night site inspections.



Dandenong Road Service Road, Malvern East

Project: Construction of three wombat crossings along the existing service road on the north side of Dandenong Road in Malvern East.

Role: Detailed design stage and post opening stage road safety audits.

Mornington Peninsula Freeway, Rosebud

Project: Installation of wire rope safety barriers on the Mornington Peninsula Freeway in Rosebud.

Role: Desktop and post-implementation stage road safety audits of traffic management during works including yellow linemarking and safety barriers.

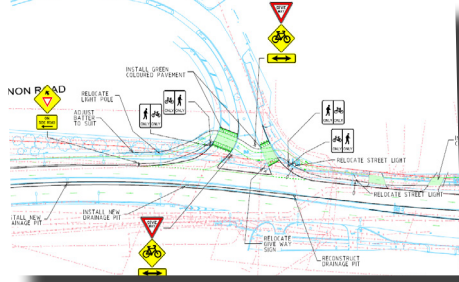


Cycling

Dynon Road Bicycle Project

Project: Design of an off-road bicycle path along Dynon Road, Footscray.

Role: Development of concept designs and cost estimates for various options and the preparation of functional design plans.



Design

Ferrars Street and City Road, South Melbourne

Project: Development of the Ferrars Street Education and Community Precinct.

Role: Assessment of traffic impacts, functional and detailed plans for proposed intersection improvements at City Road / Ferrars Street and Montague Street / Buckhurst Street.

Public Transport

Huntingdale Station Precinct Upgrade

Project: \$11.6 million project to construct a new Huntingdale Station bus interchange, including the expansion of car parking facilities.

Role: Provision of functional designs, swept path assessments and a road safety audit during the preliminary design stage.



Road Safety

Western Freeway SSRIP Project

Project: Installation of safety barriers along the Western Freeway as part of the Safe System Road Infrastructure Program (SSRIP).

Role: Development of a traffic management strategy, road safety audits and provision of traffic engineering guidance.

Traffic Engineering

Melbourne Metro Tunnel Project

Project: \$11 billion project to construct 9km tunnels through the heart of the city, creating space for more trains to run more often across Melbourne's rail network.

Role: Detailed traffic and pedestrian impact assessments, incorporating SIDRA Intersection analysis and pedestrian and traffic surveys.

[Click here for a time lapse video of Melbourne Metro Tunnel Project works on St Kilda Road.](#)

Sladen Street Duplication Post Evaluation

Project: Duplication of Sladen Street between High Street and Cameron Street in Cranbourne, including the upgrade of the Sladen Street / Cameron Street intersection to a two lane roundabout.

Role: Traffic surveys before and after the upgrade of Sladen Street and preparation of an evaluation report assessing the benefits of the project.



Accreditation

VicRoads Pre-Qualification

Traffix Group is pre-qualified in several groups related to traffic management, data collection and transport planning as follows ([click here for link to VicRoads website](#)):

Traffic Management Services (Consultants)

- Data Acquisition Processing and Analysis
- Traffic Transport Planning and Strategies
- Traffic Operations (Analysis and Design)
- Freight and Freight Vehicle Operations
- Road Safety Auditing

Traffic Management Services (Contractors)

- Worksite Traffic Management (TMP)
- Traffic Data Collection

Transport and Planning Studies

- Strategic Transport Planning
- Highway Corridor Planning

Engineering Services Panels

Traffix Group is a member of consultant panels for VicRoads, Department of Economic Development, Jobs, Transport and Resources, Public Transport Victoria and several Councils.

Industry Affiliations

Traffix Group is proud to be a member of the following industry peak bodies.



Further Information

To discuss how Traffix Group can assist with your next project, please contact:

Anthony Coyle - Director
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Will de Waard - Director
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Australian Building and Construction Commission Building Code

Traffix Group complies with the 2016 Building Code.

Construction Industry Training

Selected staff have undertaken formal Construction Industry Basic Induction Training and have Rail Industry Worker cards.

Integrated Management System

Traffix Group's Integrated Management System (IMS) meets our quality and safety obligations as outlined in AS/NZS ISO 9001: 2016 and AS/ NZS 4801: 2001.