

# TRAFFIC AND TRANSPORT ENGINEER

The Traffic and Transport Engineer is responsible for planning, development and design of traffic and transport projects and strategies including organisational responses to requests and opportunities, technical development of transport capital works project design, preparation of grant applications and advocacy documentation and technical support in land use planning and development that relate to the transport network.

## Key Duties

- investigate and review customer enquiries and town planning referrals relating to transport and traffic management to meet statutory and organisation timeframes
- lead and assist with the development and implementation of strategic plans and studies for improved traffic and transport outcomes within the municipality such as Local Area Movement Plans
- review traffic management plans and heavy vehicle permit requests to minimise disruption and impact on Council's transport network.
- assist with the implementation of the Hobsons Bay Integrated Transport Plan 2017-30
- foster and champion a collaborative environment and customer first focus ensuring all internal and external stakeholders are engaged and consulted on relevant matters
- work collaboratively with various operational departments of Council and external authorities to implement traffic and transport actions.

## Entry to this role

To become a Transport Engineer you typically need formal relevant tertiary engineering qualifications and experience in traffic and transport.

An understand of strategic planning within the community infrastructure setting including demonstrated knowledge of current traffic management trends.

A current Driver's License may be required, and a construction White card is desirable.

## Study pathways:

In Victoria, Australia, there are several institutions where you can study to become a traffic engineer. Here are some options:

## 1. University of Melbourne

- **Bachelor of Science (Civil Systems):** This program can be a pathway to a Master of Engineering (Civil) where you can specialize in traffic engineering.
- **Master of Engineering (Civil):** This graduate program offers specializations in various areas, including traffic engineering.

## 2. Monash University

- **Bachelor of Civil Engineering (Honours):** This undergraduate program provides a solid foundation in civil engineering, with opportunities to focus on traffic engineering through electives and projects.
- **Master of Transport and Traffic:** This specialized graduate program is designed specifically for those looking to focus on traffic engineering and transport planning.

## 3. RMIT University

- **Bachelor of Engineering (Civil and Infrastructure) (Honours):** This program offers courses and electives that cover aspects of traffic engineering.
- **Master of Engineering (Civil Engineering):** This program allows for specialization in traffic and transport engineering.

## 4. Swinburne University of Technology

- **Bachelor of Engineering (Civil) (Honours):** This degree offers a comprehensive curriculum in civil engineering with opportunities to take courses related to traffic engineering.
- **Master of Engineering (Civil Engineering):** This advanced degree includes specializations in traffic and transport engineering.

## 5. Victoria University

- **Bachelor of Engineering (Honours) (Civil Engineering):** This program includes subjects related to traffic engineering and transport systems.

Each of these universities offers strong engineering programs with opportunities to specialise in traffic engineering. It's a good idea to visit their websites and contact their admissions offices for more detailed information on the specific courses and pathways available.