



POSITION DESCRIPTION

Infrastructure Engineer (Roads and Stormwater)

POSITION DETAILS

Position No.	000780	Directorate	Engineering Services
Employment Status	Ongoing, full-time	Location	Civic Centre
Unit	Roads and Stormwater Units, Engineering Services	Classification	Professional Engineer Level 2/3

POSITION OBJECTIVE

The position will support the Roads and Stormwater Units to provide:

- Input into the five-year Capital Works plans for transport and stormwater assets;
- Preparation of project briefs, including the scoping and definition of capital works projects;
- Engineering advice, inspection and investigation services for roads and stormwater assets;
- Investigation and resolution of customer requests relating to transport and drainage matters; and
- Liaison with other staff, developers, Government Departments, service authorities and community to achieve outcomes.

FUNCTIONS AND RESPONSIBILITIES

Roads and Transport

- Provide input into the development of projects for consideration in the five-year Capital Works program for transport related assets.
- Prepare project briefs for transport capital works projects, including scoping and defining projects and preparing cost estimates.
- Investigate and respond to customer and community transport related requests.
- Undertake inspections of roads and transport infrastructure and coordinate the resolution of identified issues.
- Investigate and resolve transport related issues, applying appropriate references, engineering principles and relevant Acts and legislation.

- Liaise with State Growth, Metro Tasmania, Local Government Association of Tasmania, and various service authorities in regard to specific road projects.
- Liaise with Works Department to ensure that transport related projects are constructed and maintained by council's workforce in the most effective and efficient manner.

Stormwater and Drainage

- Investigation and resolve drainage and stormwater related issues and customer requests.
- Prepare of project briefs for stormwater capital works projects, including scoping and defining projects.
- Provide input into the development of projects for consideration in the five-year Capital Works program for stormwater related assets.
- Ensure a coordinated approach to the investigation and resolution of drainage matters with other team members.

General

- Collect data, complete investigations, evaluate outcomes, provide conclusions or recommendations, and assist with the preparation of technical reports.
- Liaise with the Civil Design team and external consultants to provide transport and stormwater related advice for the design of council projects.
- Undertake other duties as required/directed from time to time. An employee may be directed to carry out such duties as are within the limits of the employee's skills, competence and training.

Work Health and Safety: To take reasonable care that your acts and omissions do not adversely affect the health and safety of yourself or others in the workplace, to comply with any reasonable instructions given to you by the Council and to comply with the requirements of any and all WHS policies and procedures.

Authority and accountability: Employees at this level undertake work that requires utilisation of their professional skills and technical experience.

Judgment and problem solving: Employees at this level operate at an experienced level in delivering specialist work which requires extensive knowledge and a high level of skill. The position requires the capacity to work independently and without direct supervision.

ORGANISATIONAL RELATIONSHIPS

Reporting Relationships

1. **Internal** – This position works mostly with members of the Engineering Services team, including the Roads and Stormwater Units, as well as staff from other internal Departments including the Works Department.
2. **External** – Community members, customers, engineering contractors and consultants, local authorities, and Government agencies.
3. **Direct Reports** - This role reports directly to the Manager Asset Management, with technical guidance provided by the Senior Roads Engineer and the Senior Stormwater & Waterways Engineer and has no direct reports but may be required to supervise technical or other non-professional staff on specific projects.

SKILLS, KNOWLEDGE AND EXPERIENCE

Essential

- A Degree in Engineering or equivalent qualification.
- Knowledge and experience of civil engineering design and construction.
- Sound knowledge and experience of road and transport infrastructure, including inspections and the resolution of transport related issues.
- A sound understanding of stormwater and drainage matters.
- Sound experience in developing technical project briefs and estimates, including the scoping and definition of capital works projects.
- The ability to resolve engineering technical issues with minimal direction.
- Competent written communication skills and the ability to prepare correspondence and reports.
- Well-developed interpersonal skills and the ability to effectively communicate with community members and Council customers.
- Demonstrated organisational skills and the ability to prioritise tasks and manage own time to achieve targets within set timeframes.
- Competent computer skills using MS Office software, including Geographic Information Systems.

Desirable

- Experience and knowledge of Local Government infrastructure.
- Experience in traffic engineering and management.

- Knowledge of relevant legislation, including the Urban Drainage Act 2013.

Licences

- Current unrestricted motor vehicle driver's licence.
- White Card – Working Safely in the Construction Industry or the capacity to obtain this licence.
- Confined spaces accreditation.
- Traffic management accreditation.