



POSITION DESCRIPTION

Engineer Pavements (POS1190)

Directorate: Infrastructure &

Environment

Infrastructure Delivery

Position Grade: 16

Reports to:

Department:

Manager Infrastructure Delivery

Last review: November 2019 Next review: November 2021 Version No.: 1.0

Position purpose:

To provide forward planning and programming of pavement investigations and designs to improve the overall condition of the road network.

Key accountabilities/responsibilities:

Responsible for:

- 1) Supervision of the Road Assets Section to meet the sections goals
- 2) Implementation and improvement of Councils Road Asset Management Strategy and achievement of "best value' investment
- 3) Managing network-wide and project level pavement and road asset inventory investigations, testing and data collection.
- 4) Ensuring effective liaison and communication with other operational and strategic staff and teams within the organisation.
- 5) Assisting with development of capital works budgets and management plans.
- 6) Researching and approving new materials for use in road construction.
- 7) Monitoring performance of implemented treatments/designs for continuous improvement of the 'treatment selection/design process and preparing statistical returns, statutory reports and grant funding submissions

Decisions made in the position:

- 1) Tailor site investigations to ensure collection of adequate information.
- Design of cost effective pavement treatments and prioritisation of work programs
- 3) Ensure effective liaison and communication with other operational and strategic staff and teams within the organisation
- 4) Advice to overcome construction problems

Decisions referred:

- 1) Final approval of pavement designs
- 2) Scope changes
- 3) Changes to approved plans and specifications
- 4) Budget commitments

Key issues/challenges:

- 1) Funding constraints and reducing life-cycle maintenance costs
- Implementing new approaches to Council business and improving community satisfaction with the road network
- 3) To provide Best Practice fit for purpose pavement management solutions
- 4) Prioritising works/competing priorities



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5) Delivering client satisfaction

Key working relationships:

- Coordinator Civil Construction
- Mayor, Councillors, external stakeholders
- Coordinator Design
- Manager Infrastructure Delivery



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POSITION SPECIFICATION

Whilst the criteria described below is indicative of the nature of this role, for the purpose of this hiring process please only address the selection criteria listed in the job application.

ESSENTIAL CRITERIA

Qualifications/Licences

- Appropriate degree qualifications and/or relevant work experience in pavement design, and road asset management planning.
- Current Class C Licence

Experience

- Extensive practical experience undertaking pavement designs and preparing road renewal programs
- Highly regarded as a pavement designer in industry
- Pavement evaluation and design

Knowledge and Skills

- Knowledge of Work Health and Safety practices, the principles of Equal Employment Opportunity, ethical practice and multi-cultural diversity
- Experience supervising specialised staff working in road asset management and renewals
- Solid verbal and written communication skills including the ability to write reports

DESIRABLE CRITERIA

Qualifications/Licences/Experience/Knowledge and Skills

Extensive experience in road construction and rehabilitation methods





Our vision:

Aspiring to do great things – for ourselves, our community and our growing city.

Our values:

Ambitious

Authentic

Collaborative

Courageous

Decisive

Generous