



Position Description – Infrastructure Planning Engineer

Division	City Futures
Portfolio	City Infrastructure
Business Unit	Infrastructure Planning and Strategy
Level	7
Reports To	Coordinator Infrastructure Planning & Strategy
Prescribed Position	No

Position Objective

Lead the development and coordination of integrated infrastructure renewal programs across transport and civil asset classes, ensuring renewal priorities are informed by asset strategies, service objectives, engineering investigations and capital planning considerations.

The role provides senior specialist advice in pavement engineering, lifecycle renewal and infrastructure integration, and contributes to the improvement of renewal planning approaches, asset management practices and sustainable infrastructure outcomes within the Infrastructure Planning and Strategy function.

Key Responsibilities

- Lead the development and coordination of integrated infrastructure renewal programs across transport and civil asset classes, ensuring programs are evidence-based, prioritised and aligned to relevant asset management, service planning and capital works objectives.
- Contribute to the review and improvement of renewal planning frameworks, intervention methodologies, prioritisation approaches and decision-making tools within the Infrastructure Planning and Strategy function.
- Coordinate complex engineering investigations, asset condition analysis, lifecycle assessment, stakeholder input and option evaluation to inform renewal priorities, project scope, timing and budget recommendations.
- Provide senior specialist technical advice to the Coordinator, Manager, project teams and stakeholders on pavement engineering, renewal methodologies, lifecycle considerations, infrastructure integration and technical risks.
- Facilitate collaboration across relevant Council teams, utilities, government agencies, consultants, developers and delivery partners to coordinate priorities and support integrated infrastructure outcomes.

- Identify opportunities to integrate renewal works with transport, stormwater, public realm, urban greening, accessibility, climate resilience and place-based initiatives to improve project outcomes and reduce re-work.
- Manage specialist investigations, consultant inputs and technical contracts that support renewal planning, investment recommendations and improvement of asset management practice.
- Evaluate and recommend innovative engineering solutions, emerging materials, technologies and sustainable construction practices that may improve asset performance, reduce whole-of-life impacts and support infrastructure resilience.
- Support organisational capability by mentoring staff, providing specialist guidance and assisting delivery teams to resolve complex renewal planning and infrastructure delivery issues.
- Positively contribute to our constructive culture by living our values which guide decision making and delivery of outcomes for our community.
- Actively deliver an innovative customer experience that's effortless, delivered with care and exceeds our customers' expectations.
- Responsible for being actively involved in the identification and management of the day to day risks of their activities and projects.
- Take reasonable care for your own and others health and wellbeing in accordance with the Work Health & Safety Act 2012 and with Council's Work Health & Safety Managements Systems.
- Promote and maintain a child safe environment and take action as per Council's Children and Vulnerable Persons Policy.

Selection Criteria

Skills

- Highly developed planning, analytical and systems-thinking skills, with the ability to interpret complex asset, technical, operational and community information to support infrastructure renewal priorities.
- Ability to lead and coordinate complex infrastructure planning activities with limited direction and influence outcomes across relevant stakeholder groups.
- Strong engineering judgement and evidence-based decision-making capability, including the ability to assess technical risks, competing priorities and lifecycle implications.
- Highly developed communication, negotiation and influencing skills, including the ability to provide specialist advice to managers, project teams and stakeholders.
- Ability to contribute to the development and improvement of infrastructure planning approaches, prioritisation methodologies, technical standards and decision-making tools.
- Highly developed organisational and project coordination skills, including the ability to guide others and coordinate complex investigations, consultant inputs and work programs.

Knowledge

- Pavement engineering, lifecycle planning and asset management principles.
- Infrastructure renewal planning and capital works programming.
- Austroads Guides, Australian Standards and relevant legislation.
- Sustainable infrastructure practices and whole-of-life asset management.
- Local government engineering and asset management frameworks.

Experience

- Demonstrated experience coordinating integrated infrastructure renewal programs across relevant asset classes or service areas.
- Experience contributing to the development or improvement of asset management, infrastructure planning, prioritisation or renewal decision-making approaches.
- Experience coordinating multidisciplinary investigations, consultant inputs and stakeholder engagement to inform infrastructure renewal recommendations.
- Experience applying asset condition data, lifecycle assessment and engineering investigations to capital works programming and renewal treatment selection.
- Experience preparing technical reports, renewal recommendations and evidence-based advice for managers or decision-making forums.
- Demonstrated ability to work with limited direction, exercise specialist judgement, influence others and deliver complex outcomes within agreed frameworks.

Qualifications & Requirements

A tertiary qualification in Civil Engineering or related field

Essential

Car licence

Desirable

Postgraduate qualifications or further training in asset management, pavement engineering or infrastructure planning

Desirable