

# Position Description

## CORPORATE INFORMATION

<b>Position Title</b>	Infrastructure Engineer		
<b>Directorate</b>	Infrastructure Services	<b>Branch/Section/Unit</b>	Assets/Design Services
<b>Position Number</b>		<b>Level</b>	LGO6
<b>Award</b>	Queensland Local Government Industry Award – State 2017		
<b>Line Manager</b>	Manager Design		
<b>Direct Reports</b>	Technical Officer		

## SCOPE OF POSITION

### Position Summary

The Infrastructure Engineer is responsible for assisting the Design Manager in achieving best practice and effective sustainable management of Gympie Regional Council's Gympie Regional Council's \$670M Transportation and Stormwater asset portfolio through the development and implementation of Advanced Asset Management and Operational Plans and service delivery in accordance with the requirements of the Local Government Act (2009). The position plays a key tactical role in the development and improvement of Engineering Service's Asset Management process and its associated plans and service delivery strategies.

### Key Responsibilities of the Role

- Assisting the Design Manager in preparation, review and updating of Asset Management plans and strategies to plans to achieve agreed outcomes and to achieve best practice asset management.
- The development, review and application of target levels of service for the transport and stormwater asset networks
- Provide transport data, technical advice and reporting as required for other Council officers, consultants, contractors, developers, residents and government and statutory agencies.
- Coordination of the condition assessment of existing civil infrastructure and develop recommendation reports on renewal/refurbishment strategy, safety and maintenance requirements, remaining life expectancy, and decommissioning requirements.

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- Analysis and modelling of the condition, performance, risk, lifecycle cost and remaining lives of infrastructure assets, in order to improve asset investment decision making and achieve sustainable improvements in business performance
- Contribute to the development of the 10 year Capital Plan prioritising asset renewal and upgrade requirements by balancing cost, risk and performance in terms of target level of service provided.
- Provide technical support to the Corporate Asset Management and finance staff to complete transport and stormwater asset revaluations, remaining life review, asset impairment and other accounting treatments
- Maintain the Traffic model to support the design team
- Provide technical advice and design support to the designers as required

## **Mandatory Licence/Competency (Ticket) Requirements**

- Queensland 'C' Class driver's licence or above that is current and maintained.
- Construction Industry White Card.

## **Essential Knowledge/Skills/Qualifications Criteria**

- An Engineers Australia accepted bachelor degree in Civil Engineering or equivalent qualification
- Comprehensive knowledge of standards and industry best practices in regards transport and stormwater design, construction and maintenance.
- Experience in the inspection, condition assessment, investigation and preparation of projects and programs for road infrastructure particularly road resurfacing and road reconstruction.
- Experience in investigating, assessing and recommending solutions for transport and stormwater matters, including the development of business cases, project briefs and whole of life costing estimates.
- Experience in strategy and asset management plan development including application of risk management principals.
- Excellent written and verbal communication skills
- High attention to detail with sound administrative and analytical skills
- Knowledge of the application of the Geographic Information Systems and other software packages to the asset management process

## **Desirable Knowledge/Skills/Qualifications Criteria**

- Demonstrated experience in the use of CAD, GIS and FME software.
- Registered Professional Engineer Queensland or working towards

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- Practical knowledge of ISO55001 and AASB116

## Physical Requirements of the Position

*Note: Applicants with disabilities will be considered on a case by case basis.*

- An ability to perform tasks for extended periods whilst in a sitting position and occasionally pushing, pulling or handling objects exerting a force up to 5kg.
- An ability to walk up and down stairs whilst occasionally carrying weights up to 15kg.

## Special Requirements

## ORGANISATIONAL INFORMATION

### Safety

#### Behaviours

Maintain a positive attitude towards acquiring an understanding of work health and safety (WHS) legislation, including council WHS policies and procedures.

Fostering and maintaining a positive attitude towards WHS within the individual work teams.

#### Responsibility

Apply council policies and procedures in every day work activities to assist council in ensuring a safe work environment.

To meet the standards imposed by any relevant safety legislation as required by Queensland's *Work Health and Safety Act 2011*.

#### Related documents

- WHS Policy statement
- Work Health and Safety Responsibility and Accountability Statement WHSPOL008.
- The WHS KPIs are located in the Work Health and Safety Management Plan WHSPOL010 and should be referenced as applicable with this position.

## Code of Conduct

As per the Staff Code of Conduct, employees must conduct all business with integrity, honesty and fairness and comply with all relevant laws, regulations, codes, policies and procedures. The Code of Conduct OCPOL001.

## Records Management

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Council employees are required to ensure adequate records of actions taken and decisions made whilst undertaking their duties are created and maintained, in accordance with council's Recordkeeping Policy.

## Council's Vision

To be the *natural* choice to live, work and play.

## Council's Values

**Accountable** – We take responsibility for our actions. We will be accessible and fair.

**Consistent** – Our actions will reflect council's guidelines and practices at all times.

**Appreciative** – We value the opportunities we have and that we look for the best in our people, our organisation and our community.

**Communicative** – We will keep people informed, consult with the community and will actively listen to and respond to their input.

**Respectful** – We treat people with dignity and courtesy. We recognise and support the contribution of individuals and respect each other, our customers and the diverse community we serve.

## POSITION APPROVAL AND ACCEPTANCE

### Approved By

<b>Name</b>		<b>Position</b>	
<b>Signature</b>		<b>Date</b>	

### Accepted By

<b>Name</b>			
<b>Signature</b>		<b>Date</b>	

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*The scope and requirements of this position as well as the organisational structure is subject to change by council as required by business needs.*