

A THRIVING REGION OF OPPORTUNITY WHERE OUR COMMUNITIES ENJOY A VIBRANT LIFESTYLE

Senior Technical Officer Traffic Systems

Division	Infrastructure Planning	Department	Integrated Transport Planning and Design
Reports To	Principal Engineer Traffic Signals	Direct Reports	No

Position Purpose

This position will assist in planning, design and operations of the traffic signal network and other intelligent transport systems (ITS) as it relates to the transport network to ensure a safe, efficient and optimised transport network to meet the needs of the community within the Moreton Bay Regional Council area.

Key Responsibilities and Outcomes

Operational

As a Senior Technical Officer within the Integrated Transport Engineering team you will:

- Provide technical advice and input into the development of a fully optimised and coordinated traffic signal network using the Streams ITS Platform.
- Review and provide technical advice and support into traffic signal designs to ensure safe, efficient and context sensitive intersection operations for all road users.
- Assist in the development, implementation and operations of the Urban Traffic Control and Intelligent Transport Systems program.
- Undertake analytical processes to identify and implement transport network solutions considering all road user needs and road safety principles for the transport network.
- Proactively take ownership to manage and coordinate projects utilising contemporary best practices to deliver on time and on budget project results.
- Provide technical input into the annual capital and operational works programs and assist in their review and update.
- Liaise with Queensland State Government agencies and internal/external stakeholders on traffic operations matters as required to achieve a one network transport system.
- Provide prompt attention and response to public and Councillor requests in relation to traffic signal operational and other ITS matters.
- Contribute to a positive team environment in order to achieve a high performance, continuous improvement and customer focused culture.
- Build strong relationships with key stakeholders, suppliers and contractors to optimise service outcomes including one network transport solutions with a strong emphasis promoting and facilitating change in a rapidly growing metropolitan region.

Values

At Moreton Bay Regional Council we are on a journey to creating a great culture. Our values shape the way we behave and how we interact with each other to deliver the best service to the community. The safety of you and the community is our number one priority and we are all responsible for creating an inclusive, safe workplace and protecting our environment. As a team member you will take individual accountability for demonstrating the values expectations and behaviours.

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Decision Making

Budget - Nil

Delegations - Delegations under the Local Government Act 2009 and as directed and published in Council's Delegation Register

Knowledge & Experience

- Sound knowledge and experience in traffic signal planning operations using Streams ITS Platform.
- Sound knowledge or contemporary best practice intelligent transport solutions and traffic signal technology.
- Sound ability in applying investigative, analytical and research skills with the ability to read and interpret technical drawings associated of intelligent transport systems devices including but not limited to traffic signals.
- Sound interpersonal (both oral and written) skills to deal effectively with a wide range of people.
- Sound experience in preparing and presenting technical reports and proposals.
- Strong time management skills to achieve proficiency and effectiveness in managing projects, conflicting priorities and meeting deadlines.
- Strong relationship management skills with the ability to work in a positive team environment communicating and engaging with stakeholders at all levels.

Qualifications

Mandatory

- Advanced Diploma / Bachelor of Engineering Technology in Civil / Electrical /Electronics/ Telecommunications/ Mechatronics or Computer Science Language and Programming or equivalent experience in a related field.
- Current C Class driver's licence.

Desirable

- Bachelor's degree in Civil Engineering, Transport/Traffic Engineering or Electrical Engineering.
- Experience in Streams ITS Platform or equivalent.

This position description reflects a summary of the key accountabilities of the position, it is not intended to be an all-inclusive list of duties, steps and tasks. Leaders may direct team members to perform other duties at their discretion.