

# Traffic Engineer Network Analytics (PO1)



Government  
of South Australia

Department for Infrastructure  
and Transport

## Role statement

### Organisational alignment

Division: Road and Marine Services  
Directorate: Network Management Services  
Section: Traffic Access and Integrity

### Reporting relationships

Reports to: Team Leader Network Analytics  
Direct reports: Nil

## Role overview

The Traffic Engineer Network Analytics is accountable to the Team Leader Network Analytics, for providing a range of technical support and advisory services with regards to the assessment of projects, developments, and operational policies that impacts the South Australian road network, to ensure the flow of people and goods across the network is not unduly impacted.

The role applies knowledge in traffic engineering, transport modelling and traffic operations in undertaking traffic analysis using established modelling tools, and data from smart transport infrastructure, to support reporting on network performance and the identification of congestion and operational issues.

The position provides appropriate recommendations and advice in relation to managing the performance of the South Australian road network, which contributes to the achievement of Network Management Services, Corporate and Government objectives and goals.

Further information about the Department can be found at: <https://www.dit.sa.gov.au/about-us>

### Our values

We pride ourselves on applying these values to our day-to-day interactions and individual performance. They shape our approach to achieving our strategic agenda.



**Collaboration**

We work together as one team to serve our customers.



**Honesty**

We are honest, open and act with integrity.



**Excellence**

We commit to excellence in everything we do.



**Enjoyment**

We enjoy our work and recognise our success.



**Respect**

We respect, understand and value the people we serve.

## Key outcomes required of the role

- Undertaking professional activities that are considered to be broad in scope and may include investigations, assessments, planning and change improvement functions.
- Selecting, applying and contributing to the development of new professional discipline techniques, technologies, methodologies, standards and policies to resolve problems.
- Undertaking research analysis and preparing technical documents, correspondence reports and support the management of assigned programs, projects, assets, systems and/or services.
- Providing input and discipline advice to management and stakeholders regarding issues related to assigned programs, projects, assets, systems and/or services .
- Contributing to a high standard of customer service for internal and external clients and quality management and risk.
- Build positive relationships by demonstrating confidence, empathy and sound business judgement through the provision of accurate and timely advice
- Contribute to a safe, diverse and healthy work environment free from discrimination and harassment by working in accordance with our values, legislative requirements, the Code of Ethics for the South Australian Public Sector, equal employment opportunity and departmental human resource policies, including Work Health Safety and Wellbeing requirements.

## Special conditions attached to the role

- A National Police Check (NPC) is required prior to employment in the Department for Infrastructure and Transport which must be renewed every three years.
- A Working with Children Check (WWCC) is required prior to employment with the Department for Infrastructure and Transport, which must be renewed every five years before expiry.
- Some intra / interstate travel may be required, involving overnight absences when required.
- Some out of hours and weekend work may be required.

## Educational qualifications / licenses

- Degree in Engineering providing eligibility for graduate membership as a Professional Engineer of the Institution of Engineers Australia.
- Current Driver's Licence.

## Technical capabilities

- Proficiency in Microsoft Excel.
- Experience in traffic analysis and associated applications preferred.
- Experience in GIS systems and applications preferred.

## Person capabilities

[Our Capability Framework](#) describes the core capabilities, behaviours and skills required for us to meet our strategic objectives and be a modern public sector, attracting, developing and retaining the best talent. The framework is constructed around five categories of capability; personal attributes; building relationships; achieving results; leadership and growth; and performance enablers.

Refer to our framework for the detailed capabilities required for this stream. This role is classified as:

### Stream 1: Team member

Stream 1 roles would typically consist of individual contributors and team members (indicative classifications include ASO1-3, GSE2, PO1, OPS1-3, TGO0-1, TRA, CMW3-7, M8-11, WBT3-6).

## Key selection criteria

The criteria outlined below are drawn from the most significant requirements of the person capabilities (from Our Capability Framework) and technical capability, professional knowledge and experience to be addressed in your application having consideration of the role overview and key outcomes.

- Works collaboratively with employee to deliver work and to contribute to the evaluation of service performance objectives.
- Analyses and develops responsive solutions to professional problems, while working within departmental systems, processes and policies.
- Ability to analyse and research complex information, provide discipline advice and develop clear correspondence and reports with recommendations for time critical deadlines.
- Ability to work under reduced professional direction and undertake professional duties for the development, implementation and improvement of programs, projects, systems, policies and/or services.
- Demonstrated ability to communicate effectively, succinctly and accurately, in writing and verbally, in a professional and tactful manner including successfully liaise with people at all levels.
- Proven ability to display flexibility of approach in order to meet changing requirements and situations.
- Shows respect for diverse backgrounds, experiences and perspectives including that of Aboriginal and Torres Strait Islander people. Values diversity of thought.
- Shows genuine care for the safety and wellbeing of self and others.

## Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Director, Network Management Services

<b>People, Culture and Capability Use Only</b>	KNet ID: # 17109667	ANZSCO code: 2332	Position number: M36263
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