

JOB ROLE STATEMENT

SENIOR TRAFFIC ENGINEER SPECIFIED CALLING - LEVEL 3

DIRECTORATE
BRANCH

PLANNING AND TECHNICAL SERVICES
ROAD AND TRAFFIC ENGINEERING

POSITION NO VARIOUS

KEY RESPONSIBILITIES

Develop, maintain and deploy engineering standards and guidelines in the field of traffic engineering. Perform review of traffic engineering designs and provide specialist advice to users on the application of the standards and guidelines. Develop and facilitate training programs in the use of traffic engineering software.

KEY DELIVERIES

Development and Application of Standards

- Develop, maintain and deploy engineering standards and guidelines in the field of traffic engineering.
- Prepare technical reports on Main Roads' traffic engineering standards and guidelines.
- Provide specialist engineering advice to internal staff, consultants and external agencies.

Specialist Designs, Reviews and Advice

- Manage activities of a traffic engineering project team.
- Evaluate outcomes achieved from traffic engineering projects.
- Perform review of consultant designs and traffic engineering analysis.
- Perform traffic engineering analysis using specialised software.
- Review and interpret traffic modelling data for sufficiency and adequacy.

Technology, Training and Advice

- Provide specialist advice in the use and application of traffic engineering software.
- Liaise with software developers and providers to manage regular training requirements in the use of traffic engineering software.
- Develop training programs, organise or deliver training to graduate engineers and appointed engineers in the use and application of traffic engineering principles and software.
- Research and recommend the application of new traffic engineering technology and software.

Leadership and Management

- Manage employee behaviour, performance and development.
- Manage financial, technological, physical and other resources within agreed allocations to meet agreed outcomes.

Stakeholder Relationships

- Build and maintain collaborative working relationships with relevant external agencies and technical consultants.
- Provide specialist engineering input to the public consultation processes associated with road projects.

SAFETY, HEALTH AND WELLBEING (SHW)

Responsible for active participation and performance to SHW standards as detailed by the Main Roads' Safety, Health and Wellbeing (SHW) Management System - refer to "SHW Roles and Responsibilities Procedure" on 'iRoads' intranet.

LOCATION

Main Roads is a regionalised organisation with key delivery centres operating from the Kimberley to the Great Southern regions, including the metropolitan area. The incumbent of this position may be required to undertake a role in a region for a period of time.

DYNAMIC RESOURCING

The incumbent of the position may be required to perform any other role within the incumbent's level of skill, competence and responsibility as directed by the Managing Director of Main Roads to meet the organisation's objectives and the incumbent's development.

REPORTING RELATIONSHIPS

This position reports to:

(A) TITLE AND LEVEL

TRAFFIC ENGINEERING STANDARDS MANAGER

LEVEL 7

POSITION NO

P0055657

SENIOR TRAFFIC ENGINEER SPECIFIED CALLING - LEVEL 3

POSITIONS UNDER DIRECT SUPERVISION

ALL POSITIONS UNDER CONTROL

List the position numbers, titles and levels of positions directly supervised

State number of positions only

TITLE and LEVEL	POSITION No	CATEGORY	NUMBER
Traffic Engineer	SC LEVEL 2	Salaried	1
Grad Engineer	SC LEVEL 1		1
TOTAL			2

SELECTION CRITERIA – SHOULD BE ADDRESSED IN THE CONTEXT OF THE ROLE

- A Degree in Civil Engineering or Engineering (Traffic or Transportation Engineering).
- Substantial skill, knowledge and experience in:
 - development and use of traffic engineering practices and processes, including the use of SIDRA Intersection and HCS+ traffic analysis software
 - research, analysis and problem solving, including the application of traffic engineering standards
 - technical report writing
 - building and enhancing stakeholder relationships
 - managing employee behaviour, performance and development
 - managing financial, technological, physical and other resources within agreed allocations to meet agreed outcomes
- Knowledge of:
 - contract and/or project management
 - policies and practices on Work Health and Safety (WHS), and on EEO, diversity and equity
- Possession of a current Western Australian ‘C-A’ Class (car) motor vehicle drivers’ licence or an approved equivalent.

CERTIFICATION

1. The details contained in this Job Role Statement have been reviewed and conform to Main Roads guidelines.

SIGNATURE

[Signature]
BRANCH/SECTION HEAD

DATE

20-01-23

2. The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the position.

SIGNATURE

[Signature]
EXECUTIVE DIRECTOR

DATE

20/1/23

3. The details contained in this document have been reviewed and conform to Main Roads guidelines.

SIGNATURE

[Signature]
MANAGER HR BUSINESS

DATE

20/1/23