

## JOB ROLE STATEMENT

### PRINCIPAL DESIGN ENGINEER – REGIONAL SUPPORT SPECIFIED CALLING - LEVEL 4

**DIRECTORATE** PLANNING AND TECHNICAL SERVICES  
**BRANCH** ROAD AND TRAFFIC ENGINEERING **POSITION NO** P0055633

#### KEY RESPONSIBILITIES

Manage multi-disciplinary road design teams for complex highway projects. Provide expert engineering advice to Delivery Directorates. Manage the audit and review of geometric road design provided by consultants. Develop engineering standards and guidelines for road design.

#### KEY DELIVERIES

##### Development and application of standards

- Develop and recommend engineering standards and guidelines in the field of road design.
- Manage the training in the use road design principles and design reviews to key Main Roads staff.
- Review consultant and alliance road designs.
- Review and revise Main Roads road design guidelines in the context of National standards.
- Participate in Road Safety Audits.

##### Leadership and Management

- Manage Road Design project teams, including design activities and other associated project tasks.
- Manage the audit and review of Main Roads road design processes.
- Consult and negotiate with other Main Roads directorates to develop the scope of road projects.
- Research, review and recommend the application of new technology within the field of road design.
- Manage financial, technological, physical and other resources within agreed allocations to meet agreed outcomes.
- Manage employee behaviour, performance and development.

##### Stakeholder Relationships

- Represent Main Roads on Austroads, Standards Australia and other national committees.
- Contribute to public consultation processes associated with road projects.
- Provide expert engineering advice on road design to staff, consultants, external agencies, industry and other stakeholders.
- Provide expert engineering support to Delivery Directorates and Technical Advisory Groups.

#### 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 MANAGER ROAD AND TRAFFIC ENGINEERING	LEVEL 5 SPECIFIED CALLING	POSITION NO P0051962
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## PRINCIPAL DESIGN ENGINEER – REGIONAL SUPPORT SPECIFIED CALLING - LEVEL 4

**POSITIONS UNDER DIRECT SUPERVISION**

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

**ALL POSITIONS UNDER CONTROL**

State number of positions only

TITLE and LEVEL	POSITION No	CATEGORY	NUMBER
Senior Road Engineer	SC LEVEL 3	Salaried, Wages	1
Road Design Engineer	SC LEVEL 2		1
<b>TOTAL</b>			<b>2</b>

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

- A Degree in Civil Engineering.
- Comprehensive skill, knowledge and experience in:
  - road design standards and their application
  - road design projects and processes
  - research, analysis and problem solving
  - building and enhancing stakeholder relationships
  - managing financial, technological, physical and other resources within agreed allocations to meet agreed outcomes
  - managing employee behaviour, performance and development
- Knowledge of:
  - contract and/or project management
  - policies and practices on Occupational Safety and Health, and on EEO, diversity and equity

**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

*14/02/19*

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

*14/2/19*

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

SIGNATURE

*[Signature]*  
MANAGER HR BUSINESS

DATE

*14/2/19*