

## JOB ROLE STATEMENT

### TRANSPORT MODELLING ANALYST LEVEL 5

*DIRECTORATE* PLANNING AND TECHNICAL SERVICES  
*BRANCH* ASSET AND GEOSPATIAL INFORMATION *POSITION NO* P0059730

#### **KEY RESPONSIBILITIES**

Provide specialist technical support in the research and development of travel demand models for urban and rural road projects.

#### **KEY DELIVERIES**

##### **Transport Modelling, Research and Development**

- Provide specialist technical support in the research, development, enhancement, maintenance and documentation for existing transport models.
- Provide specialist technical support with transport modelling.
- Maintain processes, procedures and guidelines that ensure stakeholders are informed of changes in transport models.
- Project manage consultants/contractors involved in the operation and/or enhancement of transport models.
- Participate in the management of the production and delivery of transport modelling.
- Participate in the development and management of travel surveys.
- Co-ordinate updating of requirements for transport modelling software such as Cube Voyager.
- Contribute to identification of process improvements.

##### **Stakeholder Relationships**

- Participate in promoting the understanding of transport modelling systems and the ways of improvement of accessibility to transport modelling results both internally and externally to stakeholders such as the Department of Transport (DoT) and Local Governments (LG).
- Liaise with internal and external customers and stakeholders, including DoT and LG regarding transport modelling research and development needs.

#### **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 occupant of this position may be required to undertake a role in a region for a period of time.

#### **DYNAMIC RESOURCES**

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

#### **REPORTING RELATIONSHIPS**

*This position reports to:*

(A) TITLE AND LEVEL	POSITION NO
TRANSPORT MODELLING ANALYST	LEVEL 6 P0061478 OR P0059729



# TRANSPORT MODELLING ANALYST LEVEL 5

### 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 Salaried, Wages	NUMBER
			TOTAL

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

#### ESSENTIAL:

- Considerable skill, knowledge and experience in:
  - travel demand modelling
  - research, data collection and analysis
  - development and implementation of systems and procedures
  - project management
  - building and enhancing stakeholder relationships
- Knowledge of:
  - policies and practices on Occupational Safety and Health, and on EEO, diversity and equity

#### DESIRABLE:

- A Degree in Engineering, or Transport Planning, or Mathematical or Physical Sciences.

### CERTIFICATION

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

SIGNATURE Wape Cannell *MAG 1* DATE 5/6/19  
 BRANCH/SECTION HEAD

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

SIGNATURE [Signature] DATE 6/6/19  
 EXECUTIVE DIRECTOR

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

SIGNATURE [Signature] DATE 6/6/19  
 MANAGER HR BUSINESS