

JOB ROLE STATEMENT

TRANSPORT MODELLING ANALYST LEVEL 6

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

KEY RESPONSIBILITIES

Research and develop transport models in particular travel demand models, for urban and rural road projects. Project manage consultants and contractors engaged in the maintenance and enhancement of transport modelling systems.

KEY DELIVERIES

Transport Modelling, Research and Development

- Manage and participate in specialist research, development, enhancement, maintenance and documentation for existing transport models, in particular travel demand models.
- Provide specialist technical advice on transport modelling.
- Develop, maintain, improve and deploy processes, procedures and guidelines that ensure stakeholders are informed of changes in transport models.
- Project manage external consultants/contractors engaged in the operation and/or enhancement of transport models.
- Provide specialist advice for the management of the production and delivery of transport modelling outputs.
- Contribute to complex transport studies, including those involving other agencies.
- Contribute to the development and management of travel surveys.
- Manage software licences and review requirements for transport modelling software such as Cube Voyager.
- Identify, recommend and implement process improvements.

Leadership and Management

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

Stakeholder Relationships

- Communicate and promote an understanding of transport modelling and improve accessibility to transport modelling results both internally and externally to stakeholders such as the Department of Transport (DoT) and Local Governments.
- Liaise with internal and external customers and stakeholders, such as the DoT and Local Governments 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 MANAGER	LEVEL 7	P0055475

TRANSPORT MODELLING ANALYST LEVEL 6

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
Transport Modelling Analyst Contractor(s)	LEVEL 5	Salaried, Wages	1
TOTAL			1

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

ESSENTIAL:

- Substantial 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
 - managing financial, technological, physical and other resources within agreed allocations to meet agreed outcomes
 - managing employee behaviour, performance and development
- 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 DATE 24/4/19
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 24/4/19
EXECUTIVE DIRECTOR

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

SIGNATURE [Signature] DATE 1/5/19
MANAGER HR BUSINESS