

# JOB ROLE STATEMENT

## ASSET MANAGER PAVEMENT AND SURFACING LEVEL 6

**DIRECTORATE** METROPOLITAN AND SOUTHERN REGIONS  
**BRANCH** METROPOLITAN REGION **POSITION NO** P0070105

### KEY RESPONSIBILITIES

Provide specialist advice on pavement and surfacing asset management, design of rehabilitation treatments and materials.

### KEY DELIVERIES

#### Pavement and Surfacing Analysis and Advice

- Provide specialist advice on pavement rehabilitation and bituminous surfacing investigation and design.
- Provide specialist advice on network pavement and surfacing needs through visual validation and analysis and interpretation of network condition data, using Pavement Management System (PMS) modelling.
- Facilitate complex pavement investigations in liaison and collaboration with the Materials Engineering Branch (MEB).
- Manage and evaluate pavement and surfacing performance analysis (i.e. treatments) and provide specialist advice and recommendations to improve asset performance.
- Provide specialist advice for the review and update of pavement model set up procedures, validation of assumed network condition deterioration rates, development of treatment triggers, validation of condition reset values for applied treatments and treatment unit rates for modelling.
- Provide specialist advice on the validation of pavement model output and recommend adjustments to the model to improve accuracy and optimise programming of treatments to meet business objectives.

#### Asset Management

- Provide specialist advice and input into the development, implementation and maintenance of the Regional Ten Year Network Program (10YNP).
- Provide specialist advice on the level of deferred resurfacing and rehabilitation – i.e. “backlog”.
- Develop and recommend treatment options and solutions to optimise the performance of the road network consistent with customer needs and agreed levels of service.
- Manage a record of pavement and surfacing treatments and associated performance issues and solutions undertaken at selected sites.
- Collaborate with the Maintenance Delivery Branch and provide specialist advice on the ways of improving asset performance and longevity of the asset and minimise the cost of reconstruction and maintenance.
- Manage data files and annual schedule of tasks for delivery of the program at agreed milestone dates.

#### Leadership and Management

- Provide tactical leadership and provide optimum solutions for asset management of pavement and surfacing in the Metropolitan Region.
- Provide specialist pavement and surfacing training, coaching and mentoring to the Pavement Inspector (Contractor) and other Asset Management staff.

#### Stakeholder Relationships

- Build and enhance professional working relationships with key external stakeholders (e.g. Austroads, Australian Road Research Board (ARRB), other agencies, consultants, contractors, Western Australian (WA) Pavement Group, and Local Government) and exchange the expertise on pavement and surfacing matters.
- Facilitate the sharing of technical exchange and knowledge that increases Main Roads’ and industry capability to deliver improved and reliable pavement designs.
- Collaborate with MEB and Network Management Branch regarding Metropolitan pavements and surfacing matters to guide and influence consistent and appropriate decision making for state-wide road asset.

### 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		POSITION NO
MAINTENANCE PLANNING MANAGER	LEVEL 7	P0062076

## ASSET MANAGER PAVEMENT AND SURFACING 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 Salaried, Wages	NUMBER
<b>TOTAL</b>			

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

**ESSENTIAL:**


- Comprehensive skill, knowledge and experience in:
  - providing optimum solutions for pavement and surfacing asset management of a major city road network
  - pavement design, pavement and surfacing construction, rehabilitation and maintenance practices and processes
  - reviewing pavement investigations and modelling data (ie dTIMS) and recommending suitable pavement rehabilitation and bituminous treatments
  - pavement analysis, whole-of-life cycle cost analysis and developing pavement rehabilitation and bituminous resurfacing programs
  - research, analysis and problem solving
  - building and enhancing stakeholder relationships
- Knowledge of:
  - site investigation and testing technologies
  - policies and practices on Occupational Safety and Health, and on EEO, diversity and equity
- Possession of a current Western Australian 'C' Class (car) motor vehicle drivers licence or an approved equivalent.

**DESIRABLE:**

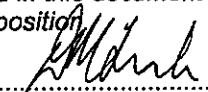
- A Tertiary Qualification in Pavement Engineering.

**CERTIFICATION**

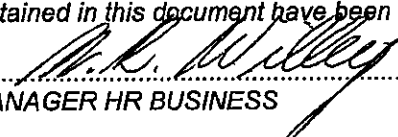
1. The details contained in this Job Role Statement have been reviewed and conform to Main Roads guidelines.

SIGNATURE  DATE 20/2/2018  
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  DATE 22/2/18  
EXECUTIVE DIRECTOR *MAJOR & SOUTHERN REGION*

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

SIGNATURE  DATE 23/2/18  
MANAGER HR BUSINESS