

JOB ROLE STATEMENT

TRAFFIC SYSTEMS OPERATION OFFICER (SCATS AND SVD) LEVEL 4

DIRECTORATE NETWORK OPERATIONS
BRANCH NETWORK PERFORMANCE POSITION NO VARIOUS

KEY RESPONSIBILITIES

Monitor, adjust and optimise less complex traffic control signal settings to provide a safe and efficient road network..
Participate in various technical activities relating to the operation of traffic control systems.

KEY DELIVERIES

Advanced Traffic Systems

- Monitor the operation of less complex traffic control signal settings using an advanced traffic management system i.e. the Sydney Co-ordinated Adaptive Traffic System (SCATS) and Selective Vehicle Detection (SVD) System.
- Participate in the design, implementation and optimisation of traffic signal co-ordination to improve traffic efficiency.
- Participate in the design, development and review of SCATS and SVD plans and associated traffic signal co-ordinated programs for planned and unplanned incidents that affect the road network.
- Monitor and adjust SCATS and SVD settings for designated regions.
- Participate in the development and installation of control systems for traffic signals.
- Provide technical advice and operational support to the Traffic Operations Centre.

Management Support

- Provide support with engagement and management of technical consultants and contractors.
- Provide technical support and advice to consultants and contractors in relation to traffic signal design.

Stakeholder Relationships

- Build and maintain collaborative working relationships with internal and external stakeholders.
- Provide advice to Project Managers on routine traffic signal designs and operation scenarios, including the Regions.

OCCUPATIONAL SAFETY, HEALTH AND WELLBEING (OSH&W)

Responsible for active participation and performance to OSH&W standards as detailed by the Main Roads' Safety, Health and Wellbeing (SH&W) Management System - refer to "SH&W Responsibility and Accountability 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	LEVEL 6	POSITION NO
SCATS AND SVD AREA MANAGER		P0062873 OR P0062874

TRAFFIC SYSTEMS OPERATION OFFICER (SCATS AND SVD) LEVEL 4

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

ESSENTIAL:

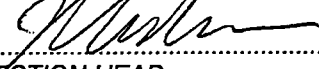
- Sound skill, knowledge and experience in:
 - operation of traffic control systems for road traffic management
 - use of computerised traffic control systems, including the set-up and upgrade of computer software, hardware and associated communications equipment
 - investigation, analysis and problem solving
 - building and enhancing stakeholder relationships
- Knowledge of:
 - the Sydney Co-ordinated Adaptive Traffic System (SCATS) and Selective Vehicle Detection (SVD)
 - 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:

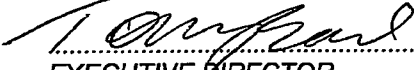
- A Diploma of Electrotechnology (Electrical or Electronic or Computer Systems Engineering).

CERTIFICATION


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

SIGNATURE  DATE 4/6/15
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 4/6/15
EXECUTIVE DIRECTOR

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

SIGNATURE  DATE 4/6/15
MANAGER HR BUSINESS