

Missouri Department of Transportation

Code: R05026

Title: Traffic Management and Operations Engineer

Exemption Status: Exempt

Grade: 11

Job Description

Effective Date 02-01-2025

**Replaces
(Effective Date)** 07-01-2022

General Summary The traffic management and operations engineer manages initiatives and technologies of the transportation system, the compilation and analysis of traffic-related data, or the coordination between the Central and district offices on system management. Responsibilities are performed under general supervision.

**Minimum/Required
Qualifications** Bachelor's Degree in Engineering from an ABET-accredited college or university curriculum.
Licensed as a Professional Engineer in the State of Missouri.
Six years of experience in highway or transportation engineering.

**Supervisory
Responsibilities** Full Supervision

Location Central Office - Highway Safety and Traffic

Job requires regular, statewide, overnight travel.

**Special Working
Conditions/Job
Characteristics** Job requires exposure to moderately adverse and undesirable environmental conditions.

This title requires advanced accreditation or licensure which is only available to holders of specific postsecondary degrees.

Examples of Work

- (1) Plans and coordinates statewide traffic system integration, traveler and weather information, incident and work zone management, freeway and arterial traffic management, traffic studies, traffic signal/lighting operations and communications.
- (2) Ensures consistency and integration of statewide traffic management and operations among divisions and districts; liaisons with external entities to coordinate traffic operations.
- (3) Coordinates the development and operation of a statewide traffic system connecting all system components and traffic management centers and provides support for regional operations.
- (4) Administers traffic operations funds and prepares/manages contract agreements.

- (5) Researches, evaluates, recommends and implements new technologies for the state traffic operations system; prepares specifications and standards for new or replacement equipment.
- (6) Analyzes and/or conducts field traffic studies and develops recommendations based on findings; identifies locations requiring study.
- (7) Directs preparation of reports and correspondence; develops, updates, and interprets policies and procedures for statewide uniformity.
- (8) Performs supervisory responsibilities in a manner consistent with the department's Affirmative Action Program.
- (9) Performs other responsibilities as required or assigned.

The Missouri Department of Transportation promotes an equal opportunity workplace that includes reasonable accommodation of otherwise disabled applicants and employees. Please see your manager should you have any questions about this policy or these job duties.