

# Missouri Department of Transportation Job Description

**Job Title:** Traffic Management and Operations Engineer

**Title Code:** R05026

**Salary Grade:** 11

**Exemption Status:** Exempt

**Supervisory Responsibilities:** Full Supervision

**District/Division:** Central Office – Highway Safety and Traffic

**Effective Date:** 09-01-2025

**Replaces (Effective Date):** 02-01-2025

## **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.

## **Special Working Conditions/Job Characteristics**

- Job requires regular, statewide, overnight travel.
- 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.
9. Performs other responsibilities as required or assigned.