

Missouri Department of Transportation Job Description

Job Title: Intermediate Traffic Studies Specialist

Title Code: R05475

Salary Grade: 8

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central and District Offices – Highway Safety and Traffic

Effective Date: 06-01-2025

Replaces (Effective Date): 07-01-2022

General Summary

The intermediate traffic studies specialist reviews and analyzes traffic related concerns and recommends transportation facility improvements; may assist in the administration of signing, pavement marking, and signal and lighting operations. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications

- Bachelor's degree in engineering from an ABET-accredited college or university curriculum.
- Two years of experience in transportation engineering.

Special Working Conditions/Job Characteristics

- Job requires exposure to moderately adverse and undesirable environmental conditions.
- Job may require operation of vehicles to plow snow and spread ice control materials.
- A postsecondary degree is the best measure to ensure candidates possess required engineering knowledge, including in applied physics and mathematics, drafting, engineering processes and procedures, project management, industry ethical standards, and analyzing and modeling data.

Examples of Work

1. Assists in the management and operations of transportation facilities by applying department and national standards, guidelines, and best practices.
2. Makes periodic field inspections to observe traffic operations; conducts traffic studies and makes recommendations to ensure safe and efficient traffic flow.

3. Investigates and responds to customer concerns on traffic related issues; including internal customers, the general public, public officials, and law enforcement.
4. Prepares transportation related reports and correspondence.
5. Directs the activities of traffic data collection, signing, pavement marking, and signal and lighting operations.
6. May coordinate traffic engineering staff in reviewing and analyzing traffic data to identify concerns and recommend transportation improvements.
7. May direct and train traffic studies engineers, traffic specialists, traffic technicians, and wage employees on various transportation activities.
8. May review plans for proper design and application of traffic control devices and support project development by serving on the core team.
9. May assist in the review of complex transportation issues; may meet with developers, contractors, utility companies, or consultants to discuss proposed projects; may meet with local governmental agencies and the media to discuss transportation related issues.
10. Performs other responsibilities as required or assigned.