

Missouri Department of Transportation Job Description

Job Title: Intermediate Traffic Studies Specialist Non-Safety Sensitive

Title Code: R05040

Salary Grade: 8

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central Office - Traffic

Effective Date: 06-01-2025

Replaces (Effective Date): 07-01-2022

General Summary

The intermediate traffic studies specialist non-safety sensitive provides engineering support to units within the Highway Safety and Traffic Division by reviewing and analyzing traffic data to identify concerns and recommend corrective action in order to improve traffic flow, congestion, and safety. 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

- 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 operation of transportation facilities by applying department and national standards, guidelines, and best practices.
2. Investigates and responds to customer concerns on traffic related issues, including internal customers, the general public, public officials, and law enforcement.
3. Prepares transportation related reports, correspondence, and performance measures.
4. Modifies policies, standards, contracts, and other criteria pertaining to signing, pavement marking, signals, lighting, freeway, arterial, access, work zone, and incident management.

5. May coordinate traffic engineering staff in reviewing and analyzing traffic data to identify concerns and recommend transportation improvements.
6. May direct and train traffic studies engineers, traffic specialists, traffic technicians, and wage employees on various transportation activities.
7. May review plans and contracts for proper design and application of traffic control and/or intelligent transportation devices and serve on a core team.
8. 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.
9. Assists in facilitating, organizing, and leading statewide teams for various engineering subject areas.
10. Performs other responsibilities as required or assigned.