

Missouri Department of Transportation

Code: R05851

Title: Traffic Studies Specialist

Exemption Status: Non-Exempt

Grade: 7

Job Description

Effective Date	06-01-2025
-----------------------	------------

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

General Summary

The traffic studies specialist reviews and analyzes traffic data to identify concerns and recommends corrective action; 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.

Supervisory Responsibilities

None

Location

Central and District Offices - Highway Safety and Traffic

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) Reviews and analyzes traffic data to identify concerns and recommends corrective actions.
- (2) Investigates and responds to customer concerns on traffic related issues.
- (3) Reviews policies, standards, and other criteria pertaining to signing, pavement marking, signals, lighting, crash records, and permits to make improvements or ensure compliance.
- (4) Makes periodic field inspections to observe traffic operations; conducts traffic studies and makes recommendations to ensure safe and efficient traffic flow.
- (5) Assists in directing the activities of traffic data collection, signing, pavement marking, and signal and lighting operations.
- (6) Assists in the preparation of transportation related reports and correspondence; may support project development activities as member of the core team.
- (7) Performs other responsibilities as required or assigned.