

Missouri Department of Transportation Job Description

Job Title: Traffic Studies Specialist – Non-Safety Sensitive

Title Code: R05031

Salary Grade: 7

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central Office – Highway Safety and Traffic

Effective Date: 06-01-2025

Replaces (Effective Date): 07-01-2022

General Summary

The traffic studies specialist – non-safety sensitive provides engineering support to individual units within the Highway Safety and Traffic Division by reviewing and analyzing traffic data to identify concerns and recommend corrective action in order to make improvements in 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.

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. Reviews and analyzes traffic data to identify concerns and recommend corrective actions.
2. Reviews and analyzes real-time and historical traffic data to optimize the performance of existing infrastructure.
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. Reviews policies, standards, and other criteria pertaining to freeway, arterial, access, work zone, and incident management to improve the reliability and safety of roadways.
5. Assists in the preparation of transportation related reports, correspondence, and performance measures; may support project development activities as a member of a core team.

6. Assists in facilitating and organizing statewide teams for various traffic engineering subject areas.
7. Investigates and responds to customer concerns on traffic related issues.
8. Performs other responsibilities as required or assigned.