Missouri Department of Transportation Job Description

Job Title: Senior Traffic Technician – Non-Safety Sensitive

Title Code: R01113

Salary Grade: 6

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central Office – Highway Safety and Traffic

Effective Date: 07-01-2026

Replaces (Effective Date): 12-16-2024

General Summary

The senior traffic technician – non-safety sensitive provides advanced technical or paraprofessional support for traffic office activities, field traffic data collection, and traffic monitoring activities. Responsibilities are performed under general supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET and four years of experience in technical positions, **OR**
- Associate Degree in Civil Engineering Technology or related field and two years of experience in technical positions, **OR**
- Bachelor's Degree in Civil Engineering Technology or related field.

Special Working Conditions/Job Characteristics

- Use of this title at the district level may be considered with approval of the State Highway Safety and Traffic Engineer.

Examples of Work

1. Determines roadway traffic volume and codes data for computer processing, provides recommendations, and corrects deficiencies.
2. Performs and summarizes radar speed surveys to determine characteristic motorist speeds to establish a safe and comfortable speed limit.
3. Analyzes accident reports to prepare diagrams including accident types, locations, dates, times, and weather conditions.

4. May issue permits; assists in the review, preparation, documentation, and inspection of permit activities.

5. Assists internal and external customers to answer traffic-related questions, respond to complaints and requests, or to discuss traffic control ordinances, plans, policies, and procedures.

6. Organizes field and office traffic data into traffic study documents; creates various maps and diagrams related to traffic concerns.

7. Maintains traffic databases such as sign logs, inventories, work zone coordination, traffic project assignments, and progress reports; processes requisitions for materials.

8. Performs other responsibilities as required or assigned.