Missouri Department of Transportation Job Description

Job Title: Traffic Technician – Non-Safety Sensitive

Title Code: R01442

Salary Grade: 2

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 traffic technician – non-safety sensitive performs semi-skilled technical or paraprofessional duties in connection with the collection and documentation of field and office data used in traffic studies. Responsibilities are performed under direct supervision.

Minimum/Required Qualifications

- High school diploma or GED/HiSET.

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. Performs radar speed studies, manual and electronic counting of vehicle volumes, school crossing studies, parking studies, and vehicle type classification.
2. Downloads, transfers, or inputs collected traffic data into computer databases or traffic software programs.
3. May determine traffic volume by placing traffic counting devices or tube counters on specific roadways.
4. Performs field checks prior to setting up data collection equipment in order to determine existing conditions in area to be studied.
5. Operates radio, digital camera, video equipment, and other electronic equipment for the collection of traffic data.

6. Assists in the review, preparation, documentation, and inspection of permit activities; explains process to customers; maintains permit database.

7. Prepares accident diagrams that include types and locations of accidents and date, times, and weather conditions.

8. Maintains traffic related databases and spreadsheets and generates reports; maintains traffic device inventories and records.

9. Measures sight distances for signs and intersections; measures lane storage lengths.

10. Performs other responsibilities as required or assigned.