

Missouri Department of Transportation Job Description

Job Title: Traffic Technician

Title Code: R01594

Salary Grade: 2

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central and District Offices - Highway Safety and Traffic

Effective Date: 12-16-2024

Replaces (Effective Date): 10-01-2022

General Summary

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

Minimum/Required Qualifications

- High School Diploma or GED/HiSET

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.

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 database 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 dates, times, and weather conditions.
8. Maintains traffic related databases and spreadsheets and generates reports; maintains traffic devices inventories and records.
9. Measures sight distance for signs and intersections; measures lane storage lengths.
10. Performs other responsibilities as required or assigned.