

Missouri Department of Transportation

Code: R01594

Title: Traffic Technician

Exemption Status: Non-Exempt

Grade: 6

Job Description

Effective Date 01-01-2014

Replaces (Effective Date) 08-01-2005

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, including successful completion of a trigonometry course and two years of experience in technical positions. Waiver of the trigonometry requirement requires approval from the Human Resources Director - Central Office.
OR
Associate Degree in Civil Engineering Technology or related field.

Supervisory Responsibilities None

Location Central and District Offices - 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.

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.

The Missouri Department of Transportation promotes an equal opportunity workplace that includes reasonable accommodation of otherwise disabled applicants and employees. Please see your manager should you have any questions about this policy or these job duties.