

Missouri Department of Transportation Job Description

Job Title: Senior Field Acquisition Technician

Title Code: R02021

Salary Grade: 6

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central Office – Transportation Planning

Effective Date: 10-01-2022

Replaces (Effective Date): 07-01-2022

General Summary

The senior field acquisition technician collects, processes, and provides accurate traffic data for use in the design, construction, and decision-making process. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET and four years of experience in technical positions. **OR.**
- Associate's degree in electronics/computers and two years of technical experience. **OR.**
- Bachelor's degree in civil engineering technology or a related field.
- Valid driver's license.
- Successful completion of a range of motion examination and a medical-physical examination.

Special Working Conditions/Job Characteristics

- Job requires continuous, statewide, overnight travel and occasional out-of-state travel.
- Job requires heavy physical exertion and effort.
- Job requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.
- Job may require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

1. Operates and maintains on-board computer and video equipment used for field data collection.
2. Ensures operable condition of specialized data collection vehicles and equipment; checks inventory of equipment present on vehicle before going out to the field.
3. Performs daily maintenance on vehicle and equipment; troubleshoots vehicle equipment malfunctions and makes or arranges necessary repairs to vehicle and equipment.
4. Reviews conditions of road surface (cracks, rutting, roughness) with camera and video equipment.
5. Sets portable traffic recorders to collect traffic volumes, data for speed studies, automatic vehicle classifications, and special counts.
6. Maintains, repairs, and calibrates permanent traffic counting, classifying, and weigh in motion equipment.
7. Retrieves and reviews recorded data to determine if data appears valid.
8. Provides assistance in training coworkers in all methods of data collection and installation, calibration, and maintenance of equipment; may function as a lead worker in the absence of the lead.
9. Performs other responsibilities as required or assigned.