

Missouri Department of Transportation Job Description

Job Title: Intermediate Field Acquisition Technician

Title Code: R02267

Salary Grade: 4

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 intermediate field acquisition technician collects and processes field traffic data and installs and maintains data collection devices. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET and two years of technical experience. **OR.**
- Associate's degree in electronics/computers.
- 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 for necessary repairs to vehicle and equipment.
4. Installs, programs, and monitors permanent traffic data recording equipment, which involves pavement and concrete work, wiring, and plumbing activities.
5. Installs and programs portable data collection devices; downloads recorded data to mainframe system for storage and analysis.
6. Retrieves and reviews recorded data to determine if data appears valid; maintains calibration of automated data collection devices; makes adjustments and repairs as necessary to ensure data quality.
7. Performs other responsibilities as required or assigned.