

Missouri Department of Transportation

Code: R02011

Title: Survey Technician

Exemption Status: Non-Exempt

Grade: 6

Job Description

Effective Date 01-01-2014

Replaces (Effective Date) 06-01-2010

General Summary The survey technician assists the field survey party by making survey measurements for route surveys by operating various field equipment. Responsibilities are performed under direct supervision.

Minimum/Required Qualifications High School Diploma or GED/HiSET, including successful completion of a trigonometry course and three creditable hours of college level surveying courses towards registration as a Professional Land Surveyor.
One year of experience in route surveying.
Successful completion of a work simulation examination and a medical-physical examination.

Supervisory Responsibilities None

Location District Offices - Design

Special Working Conditions/Job Characteristics Job requires moderate physical activity.
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 surveying equipment in accordance with department methods and processes.
- (2) Participates in measuring operations to establish horizontal and vertical centerline control.
- (3) Performs measurements and marking of locations for soundings, soil and geological surveys, intermediate right-of-way locations, and easement corners.
- (4) Sets out safety devices, work zone signs, traffic cones, and warning flags; places targets for photogrammetry.
- (5) Records survey data such as centerline profile, cross sections, vertical control and culvert sections in electronic field book.
- (6) Maintains survey equipment, safety devices, supplies and vehicles; computes and records mileage for survey vehicles.

(7) 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.