

Missouri Department of Transportation

Code: R01095

Title: Intermediate Remote Sensing Technician

Exemption Status: Non-Exempt

Grade: 8

Job Description

Effective Date	01-01-2014
Replaces (Effective Date)	09-01-2013
General Summary	The intermediate remote sensing technician creates and verifies three-dimensional (3D) terrain mapping models for preliminary project development. Responsibilities are performed under moderate supervision.
Minimum/Required Qualifications	High School Diploma or GED/HiSET and a post high school course equivalent to three credit hours in mapping or surveying. A passing score on the depth perception test. Two years of experience in mapping or surveying.
Supervisory Responsibilities	None
Location	Central Office - 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 requires occasional overnight travel. Job may require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

- (1) Performs quality control on data delivered to the department by mapping consultant.
- (2) Coordinates the planning or development of mapping projects.
- (3) Directs measuring operations to establish field, project and quality control.
- (4) Operates surveying equipment in accordance with department methods and processes.
- (5) Maintains records of survey data, documents methods used, and writes reports containing information collected.
- (6) Compiles data to create 3D terrain models of areas requested by district project managers and designers, using an assortment of computer aided drafting and design programs.
- (7) Assists in the operations of the department's global navigation and positioning network.
- (8) Creates file structures in which to compile 3D information, including loading digital imagery and project data

on digital mapping workstation or other technologies utilized by the department.

- (9) 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.