

# Missouri Department of Transportation

Code: R01093

Title: Senior Remote Sensing Technician

Exemption Status: Non-Exempt

Grade: 10

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## **Job Description**

**Effective Date** 01-01-2014

**Replaces  
(Effective Date)** 09-01-2013

**General Summary** The senior remote sensing technician creates and verifies three-dimensional (3D) terrain mapping models for preliminary project development. Responsibilities are performed under general 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.  
Four 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.

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## **Examples of Work**

- (1) Performs quality control on data delivered to the department by mapping consultant.
- (2) Leads the planning or development of mapping projects.
- (3) Leads in 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) 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.
- (7) Assists in the operations of the department's global navigation and positioning network.
- (8) Assists in the preparation of project contracts and scope for consultant work; reviews consultant invoices for

accuracy.

- (9) Maintains geospatial information databases.
- (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.**