

Missouri Department of Transportation

Code: R01516

Title: Senior Construction Technician

Exemption Status: Non-Exempt

Grade: 10

Job Description

Effective Date 07-01-2016

Replaces (Effective Date) 01-01-2014

General Summary The senior construction technician provides advanced technical or paraprofessional support in connection with the construction of engineering projects. Responsibilities are performed under general supervision.

Minimum/Required Qualifications High School Diploma or GED/HiSET, including successful completion of an algebra course and four years of experience in technical positions.
OR
Associate Degree in Civil Engineering Technology, Construction Technology, Surveying, or related field and two years of experience in technical positions.
OR
Bachelor's Degree in Construction Engineering Technology, Construction Management, or related field.
Successful completion of a work simulation examination and a medical-physical examination.

Supervisory Responsibilities None

Location District Offices - As assigned

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) Performs basic construction tests such as air, slump, moisture, compaction, aggregate gradation, and density; reports results to supervisor.
- (2) May be inspector in charge of grading, base, concrete box, pipe culverts or other construction items.
- (3) Performs duties of instrument operator on routine layout and staking; may serve as party chief on routine layout and staking.
- (4) Inspects general or special items such as utility adjustments, seeding, mulching, signing, traffic signals, and

traffic lighting.

- (5) Maintains required records and prepares reports pertaining to activities; keeps supervisor fully informed of activities or unusual conditions.
- (6) Computes earthwork quantities and performs other computations in the preparation of final plans.
- (7) Interprets plans and provides clarification to the contractor.
- (8) 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.