

# Missouri Department of Transportation Job Description

**Job Title:** Senior Construction Technician

**Title Code:** R01516

**Salary Grade:** 6

**Exemption Status:** Non-Exempt

**Supervisory Responsibilities:** None

**District/Division:** District Offices – As assigned

**Effective Date:** 12-16-2024

**Replaces (Effective Date):** 07-01-2022

## **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 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.
- OSHA 10-Hour Certification required within 90 days.
- Successful completion of a work simulation examination and a medical-physical examination.

## **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.
- Basic math skills, consistent with high school level algebra, will be necessary to perform many of this title's duties.
- 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.