

# Missouri Department of Transportation Job Description

**Job Title:** Construction Inspector

**Title Code:** R05736

**Salary Grade:** 7

**Exemption Status:** Non-Exempt

**Supervisory Responsibilities:** Lead Worker

**District/Division:** Central and District Offices – Construction and Materials

**Effective Date:** 05-01-2025

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

## **General Summary**

The construction inspector inspects routine construction items for conformance to plans, specifications, special provisions, and terms of the contract. Responsibilities are performed under moderate supervision.

## **Minimum/Required Qualifications**

- Bachelor's degree in engineering from an ABET-accredited college or university curriculum.
- Certification to operate nuclear gauges may be required.
- 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.
- Job may require operation of vehicles to plow snow and spread ice control materials.
- A postsecondary degree is the best measure to ensure candidates possess required engineering knowledge, including in applied physics and mathematics, drafting, engineering processes and procedures, project management, industry ethical standards, and analyzing and modeling data.

## **Examples of Work**

1. Coordinates and performs construction inspections verifying that contractors' activities are in compliance with contracts, specifications, and engineering principles.

2. Performs duties of inspector in charge of routine construction items, such as asphaltic or Portland cement concrete plants, asphaltic or concrete paving, including grading and base, small bridges, concrete box and pipe culverts; inspects general or special items, such as utility adjustments, signing, traffic signals and lighting.
3. Performs measurements, computations, or other work in preparing final plans, change orders, contractor payment estimates, and engineering costs.
4. Maintains required construction documentation, records and files; prepares progress and other reports, keeps supervisor fully informed as to activities or unusual conditions on the job.
5. Provides field checks for contractor surveying operations; serves as party chief on routine layout and staking; serves as instrument operator on staking of large bridges, other critical structures, or complex interchanges.
6. Performs lead worker responsibilities, which may include providing general instruction, assigning and reviewing work, coaching and training, providing guidance and instruction in the proper and most efficient methods of accomplishing tasks, and providing input to the direct supervisor on staffing decisions and performance management.
7. Performs other responsibilities as required or assigned.