

Missouri Department of Transportation

Code: R05813

Title: Senior Construction Inspector

Exemption Status: Non-Exempt

Grade: 16

Job Description

Effective Date 12-01-2013

**Replaces
(Effective Date)** 06-01-2010

General Summary The senior construction inspector directs the inspection, layout, and final plans preparation for one or more construction projects; performs layout and inspection of complicated or critical structures; provides general assistance to resident engineer or aviation administrator. Responsibilities are performed under general supervision.

**Minimum/Required
Qualifications** Bachelor's Degree: Civil Engineering or Geological Engineering
Certification to operate nuclear gauges may be required.
Four years of experience in highway or transportation engineering.
Successful completion of a work simulation examination and a medical-physical examination.

**Supervisory
Responsibilities** Lead Worker Only

Location Central and District Offices - Construction and Materials; Multimodal Operations

**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 duties of inspector in responsible charge of multiple routine or complex projects; directs the overall inspection of construction projects, verifying that contractors' activities are in compliance with contracts, specifications, and engineering principles; provides clarification to contractor and department personnel regarding the contract and the interpretation of plans, specifications, and special provisions.
- (2) Supervises routine layout and staking; serves as party chief on staking large bridges, other critical structures, or complex interchanges; serves as inspector on large bridges or other critical structures.
- (3) Serves as technical expert on the project; reviews plans, specifications, and special provisions applicable to assignment; directs computations for the control of grades or alignment.
- (4) Prepares, or supervises the preparation of, required project documentation, change orders, estimates, final plans and correspondence; checks progress of contractors.

- (5) Maintains required records; prepares progress and other reports; initiates or answers correspondence.
- (6) Keeps supervisor fully informed of activities, progress, and changes or revisions.
- (7) May perform duties of resident engineer during supervisor's absence.
- (8) 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.
- (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.