

Missouri Department of Transportation

Code: R05009

Title: Supervising Bridge Inspection Engineer

Exemption Status: Exempt

Grade: 13

Job Description

Effective Date 08-01-2024

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

General Summary The supervising bridge inspection engineer supervises and coordinates the bridge inspection program for state-owned span and culvert type bridges, ensuring consistency and accuracy of data and effective dissemination of inspection findings; provides expertise and training on bridge inspection and bridge maintenance to districts, divisions and outside entities. Responsibilities are performed under general supervision.

**Minimum/Required
Qualifications** Bachelor's degree in civil or structural engineering from an ABET-accredited college or university curriculum.
Licensed as a Professional Engineer in the State of Missouri.
Must meet requirements for Team Leader for Routine Bridge Inspections in accordance with the National Bridge Inspection Standards (23 CFR 650 Subpart C).
Nine years of experience in highway or transportation engineering.
Successful completion of a range of motion examination and a medical-physical examination.

**Supervisory
Responsibilities** Full Supervision

Location Central Office - Maintenance

**Special Working
Conditions/Job
Characteristics** Job requires regular, statewide, overnight travel.
Job requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.

Examples of Work

- (1) Reviews and acts on critical bridge inspection findings including developing or coordinating action plans.
- (2) Supervises and coordinates the bridge inspection program and ensures compliance with the National Bridge Inspection Standards.
- (3) Acts as the liaison with districts, divisions, other state Departments of Transportation, consultants, contractors, and external bridge inspection customers for bridge inspection and bridge maintenance related issues.
- (4) Acts as the liaison with the Bridge Division regarding inspection schedules, inspection findings, load ratings

and repair plan development.

- (5) Supervises bridge inspection personnel; makes hiring and other employment related decisions, assigns work, disciplines employees, and conducts performance management.
- (6) Performs routine and special bridge inspections.
- (7) Develops and manages quality assurance and quality control programs for the inspection of state-owned bridges.
- (8) Develops, or coordinates development of, repair/retrofit plans for structural repairs made by bridge maintenance crews.
- (9) Coordinates and develops statewide training for state and non-state bridge inspectors.
- (10) Assumes the role of state bridge maintenance engineer in supervisor's absence.
- (11) Performs supervisory responsibilities in a manner consistent with the department's Affirmative Action Program.
- (12) 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.