

Missouri Department of Transportation Job Description

Job Title: Bridge Inspection Crew Member

Title Code: R01057

Salary Grade: 4

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Central Office - Bridge

Effective Date: 06-01-2026

Replaces (Effective Date): 12-16-2024

General Summary

The bridge inspection crew member performs general/visual and in-depth inspection of bridges. Responsibilities are performed under direct supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET.
- A passing grade on the written portion of the commercial driver's license (CDL) exam is required prior to hire date. Must pass the driving portion of the CDL exam with no air brake restrictions (Class B), and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]) within 60 days after being hired into this position.
- Employee will be required to pass a cardiopulmonary function test yearly, attend training on the use of respirators, and pass a respirator fit test every six months.
- Successful completion of a work simulation examination and a medical-physical examination.

Special Working Conditions/Job Characteristics

- Requires continuous, overnight, statewide travel.
- Requires significant physical stamina and endurance.
- Requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.
- May require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

1. Operates under-bridge inspection and related equipment to visually examine bridges for cracks, fractures, and deterioration.
2. Assists in preparing reports and other documentation related to general and in-depth bridge inspection.
3. Sets up traffic control devices such as signs, flags, cones, and arrow boards; performs flagging responsibilities for traffic through work zones.
4. Conducts equipment safety checks; performs preventative maintenance on vehicles and equipment, including monitoring fluids, greasing and oiling parts, cleaning, and making minor repairs.
5. Operates vehicles to transport crew, equipment, and materials to job site.
6. May assist routine maintenance crews with snow removal activities, including plowing snow and spreading ice control materials.
7. Performs other responsibilities as required or assigned.