

Missouri Department of Transportation Job Description

Job Title: Intermediate Bridge Maintenance Worker

Title Code: R01106

Salary Grade: 4

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: District Offices - Maintenance

Effective Date: 06-15-2025

Replaces (Effective Date): 12-16-2024

General Summary

The intermediate bridge maintenance worker performs routine and emergency repairs and/or painting activities on bridges in the state highway system. Responsibilities are performed under direct supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET.
- Valid Class A Commercial Driver's License with tanker endorsement, no air brake restriction, and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]).
- Employee required to pass a cardiopulmonary function test yearly, attend training on the use of respirators, and pass a respirator fit test every six months.
- Vertical (3G) welding certification for 3/4" metal thickness.
- Licensed as a Lead Abatement Worker in the State of Missouri.
- Two years of experience in performing roadway, roadside, bridge, equipment or sign maintenance, pavement marking, or utility location responsibilities.
- Successful completion of a work simulation examination and a medical-physical examination.

Special Working Conditions/Job Characteristics

- Job requires significant physical stamina and endurance.
- 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 routine and emergency bridge repair activities, including concrete and structural steel repairs, painting and sealing bridge caps, performing deck repair and replacement, and minor bridge repairs such as tightening and replacing bolts.
2. Performs bridge painting activities necessary for the painting of structural steel bridges, including hanging scaffolding, setting bridgework platforms, cleaning and preparing bridge surfaces for painting, and mixing and applying paint using conventional or airless paint sprayers and related equipment.
3. Operates vehicles to transport crew, equipment, and materials to job site; sets safety lines.
4. Sets up traffic control devices such as signs, flags, cones, and arrow boards; performs flagging responsibilities for traffic through work zone.
5. Conducts daily safety checks of equipment; performs preventive maintenance to vehicles and equipment; and provides equipment and material usage information for documentation purposes.
6. Operates washer equipment; cleans bridge component areas and clears debris from around bridge.
7. Assists in organizing supplies, materials, equipment and tools in preparation of assigned work; assists in the documentation and recording of equipment and materials usage.
8. Assists routine maintenance crews with snow removal or other bridge maintenance crews as needed.
9. Performs other responsibilities as required or assigned.