

Missouri Department of Transportation Job Description

Job Title: Bridge Maintenance Worker

Title Code: R01101

Salary Grade: 3

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: Districts - Maintenance

Effective Date: 12-16-2024

Replaces (Effective Date): 12-01-2022

General Summary

The bridge maintenance worker performs bridge maintenance and repair activities on bridges in the state highway system. Responsibilities are performed under general supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET
- Valid driver's license
- 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 tanker endorsement, no air brake restrictions (Class B), and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]) within 60 days of hire.
- 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

- 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 repairs to bridges, including concrete bridge repairs and structural steel repairs, paints and seals bridge caps, and performs deck repair and replacement.
2. Paints structural steel bridges, including hanging scaffolding, cleaning and preparing bridge surfaces for painting, and mixing and applying paint using conventional or airless paint sprayers and related equipment.
3. Assists in preventative maintenance functions on bridges in the state highway system.
4. Sets up traffic control devices such as signs, cones, and flags; flags traffic for work zones.
5. Operates vehicles and equipment to transport materials and crew to job sites; cleans and performs preventative maintenance on vehicles and equipment.
6. Assists routine maintenance crews with snow removal.
7. Performs other responsibilities as required or assigned.