

Missouri Department of Transportation Job Description

Job Title: Bridge Maintenance Crew Leader

Title Code: R01102

Salary Grade: 6

Exemption Status: Non-Exempt

Supervisory Responsibilities: Lead Worker Only

District/Division: District Offices - Maintenance

Effective Date: 12-16-2024

Replaces (Effective Date): 07-01-2022

General Summary

The bridge maintenance crew leader leads bridge maintenance crews in the repair and painting of bridges in the state highway system. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET
- Valid Class A Commercial Driver's License with no air brake restriction and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]).
- 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.
- May require certification as a welder in the overhead position and appropriate methods.
- Five years of experience in roadway or bridge maintenance.
- 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. Leads crew in routine maintenance/repair and emergency repairs of bridges, including setting falsework to support bridge to carry traffic while repairs are performed.
2. Leads crew in the painting and surface cleaning of structural steel bridges, the hanging of scaffolds and safety lines, and the handling and transporting of hazardous waste.
3. Trains or assists in training employees in work zone set up, proper flagging techniques, traffic control procedures, personal safety, and equipment operation.
4. Operates vehicles to transport crew, equipment, and materials to job site.
5. Sets up or ensures the correct set up of traffic control devices such as signs, flags, cones, and arrow boards; performs flagging responsibilities for traffic through work zone.
6. Leads crew in conducting safety checks of equipment and performing preventative maintenance to vehicles and equipment including monitoring fluids, greasing and oiling parts, cleaning, and making minor repairs as needed.
7. Assists supervisor with reporting of crew's performance, time/work hours, mileage, requisition of supplies, material estimates, inventory, and materials usage.
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.