

Missouri Department of Transportation

Code: R01106

Title: Intermediate Bridge Maintenance Worker

Exemption Status: Non-Exempt

Grade: 4

Job Description

Effective Date	07-01-2022
Replaces (Effective Date)	06-27-2019
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	<p>High School Diploma or GED/HiSET</p> <p>Valid Class A Commercial Driver's License with no air brake restriction and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]).</p> <p>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.</p> <p>May require welding certification in fillet, flat, vertical and horizontal positions for 3/4" metal thickness with the appropriate methods.</p> <p>Two years of experience in bridge or roadway maintenance</p> <p>Successful completion of a work simulation examination and a medical-physical examination.</p>
Supervisory Responsibilities	None
Location	District Offices - Maintenance
Special Working Conditions/Job Characteristics	<p>Job requires significant physical stamina and endurance.</p> <p>Job requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.</p> <p>Job may require operation of vehicles to plow snow and spread ice control materials.</p>

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) May assist routine maintenance crews with snow removal or other bridge maintenance crews as needed.
- (9) 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.