

MISSOURI DEPARTMENT OF TRANSPORTATION JOB OPPORTUNITY ANNOUNCEMENT

Date Posted: 08/03/2020
Application Deadline: Open Until Filled
Job Post ID: 12881
Job Title: Bridge Maintenance Worker / Intermediate Bridge Maintenance Worker / Senior Bridge Maintenance Worker
Min Monthly Salary: \$2,691.00 / \$2,881.00 / \$3,087.00
Number Positions: 4
Location: BRIDGE CREW - 9101 E 40TH Terrace Kansas City, MO 64133
District/Division: Kansas City / Maintenance Division
Human Resources Contact Number: (816) 607-2146
Remote work location and/or teleworking is not available for this position.

This position is eligible for a temporary emergency operations adjustment of \$3 to \$6 per hour, depending on the area of operation, when handling winter/emergency operations activities.

As a condition of continued employment, MoDOT may require employees to take a PCR(active infection) COVID-19 test during the pandemic in an effort to slow or stop the spread of virus at work. MoDOT will pay for all expenses associated with any required COVID-19 test(s).

General Summary:

--- Bridge Maintenance Worker ---

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

--- Intermediate Bridge Maintenance Worker ---

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.

--- Senior Bridge Maintenance Worker ---

The senior bridge maintenance worker guides and performs bridge maintenance activities including painting and routine and emergency repairs of bridges. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications:

--- Bridge Maintenance Worker ---

High School Diploma or GED/HiSET

Valid Class B Commercial Driver's License with no air brake restrictions and interstate status (either Excepted Interstate [EI] or Non-Excepted [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.

Successful completion of a work simulation examination and a medical-physical examination.

--- Intermediate Bridge Maintenance Worker ---

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 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 welding certification in fillet, flat, vertical and horizontal positions for 3/4" metal thickness with the appropriate methods.

Two years of experience in bridge or roadway maintenance

Successful completion of a work simulation examination and a medical-physical examination.

--- Senior Bridge Maintenance Worker ---

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 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 welding certification in fillet, flat, vertical, overhead and horizontal positions for unlimited metal thickness and overhead welding for 3/4" thickness.

Four years of experience in bridge or roadway maintenance.

Successful completion of a work simulation examination and a medical-physical examination.

Supervisory Responsibilities:

--- Bridge Maintenance Worker ---

None

--- Intermediate Bridge Maintenance Worker ---

None

--- Senior Bridge Maintenance Worker ---

None

Special Working Conditions/Job Characteristics:

--- Bridge Maintenance Worker ---

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.

--- Intermediate Bridge Maintenance Worker ---

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.

--- Senior Bridge Maintenance Worker ---

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:

--- Bridge Maintenance Worker ---

- 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.
- Performs painting of 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.
- Assists in preventative maintenance functions on bridges in the state highway system.
- Sets-up traffic control devices such as signs, cones, and flags; performs flagging responsibilities for traffic work zones.

- Operates vehicles and equipment to transport materials and crew to job sites; cleans and performs preventative maintenance on vehicles and equipment.
- Assists routine maintenance crews with snow removal.
- Performs other responsibilities as required or assigned.

--- Intermediate Bridge Maintenance Worker ---

- 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.
- 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.
- Operates vehicles to transport crew, equipment, and materials to job site; sets safety lines.
- Sets up traffic control devices such as signs, flags, cones, and arrow boards; performs flagging responsibilities for traffic through work zone.
- Conducts daily safety checks of equipment; performs preventive maintenance to vehicles and equipment; and provides equipment and material usage information for documentation purposes.
- Operates washer equipment; cleans bridge component areas and clears debris from around bridge.
- Assists in organizing supplies, materials, equipment and tools in preparation of assigned work; assists in the documentation and recording of equipment and materials usage.
- May assist routine maintenance crews with snow removal or other bridge maintenance crews as needed.
- Performs other responsibilities as required or assigned.

--- Senior Bridge Maintenance Worker ---

- Performs bridge repair operations, including installing bridgework platforms; welding bridge members; removing, mixing, placing, and finishing concrete; designing and constructing falsework; fabricating and heat strengthening steel and related materials; resetting bridge bearings; repairing expansion devices; replacing timber piling and caps; erecting structural steel beams; determining layout, drilling and connecting steel replacement members; and securing bridge decks.
- Performs bridge painting activities such as painting of structural steel bridges, cleaning and preparing bridge surfaces for painting, mixing and applying paint using conventional or airless paint sprayers and related equipment, hanging scaffolding and safety lines, and setting up and constructing related structures to perform painting operations and contain paint residue.
- Sets up traffic control devices such as signs, cones, flags and arrow boards; performs flagging responsibilities for traffic moving through work zones.
- Operates vehicles and equipment to transport crew to work site and for traffic control; cleans, repairs, and performs preventive maintenance to vehicles and equipment or directs others in these tasks.
- Organizes or directs the organization of supplies, materials, equipment and tools in preparation of assigned work; documents and records equipment and materials usage.
- Assists other bridge maintenance crews as needed and assists routine maintenance with snow removal.
- May perform 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.
- Performs other responsibilities as required or assigned.

In order to be considered for this vacancy please go to the Missouri Department of Transportation [Employment Application System \(EAS\)](#) and submit an on-line application. Applications, and if applicable transcripts, must be received by no later than 11:55 pm of the closing date listed on the advertised vacancy.

MoDOT is primarily conducting telephone interviews due to social distancing requirements at this time. For applicants being interviewed who are hearing or speech impaired and need assistance, we will coordinate with the Missouri Relay System.

During the COVID-19 pandemic, MoDOT strictly enforces social distancing, face covering, and other safety requirements to ensure the health and safety of our employees and those who we serve.

Equal Employment Opportunity / Affirmative Action Employer, M/F/D/V

MoDOT does not hire individuals with F-1 OPT visas into full-time or permanent part-time positions and MoDOT does not sponsor applicants for work visas.