Missouri Department of Transportation Job Description

Job Title: Intermediate Maintenance Worker

Title Code: R01301

Salary Grade: 3

Exemption Status: Non-Exempt

Supervisory Responsibilities: None

District/Division: District Offices – As Assigned

Effective Date: 08-01-2026

Replaces (Effective Date): 03-01-2026

General Summary

The intermediate maintenance worker performs semi-skilled duties related to the maintenance of the state's roadways and facilities. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications

- High School Diploma or GED/HiSET.
- Valid Class B Commercial Driver's License with tanker endorsement, no air brake restrictions, and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]).
- Two years of experience performing roadway, roadside, bridge, equipment or sign maintenance, pavement marking, or utility location responsibilities as described in the following examples of work.
- Successful completion of a work simulation examination and a medical-physical examination.

Special Working Conditions/Job Characteristics

- Job requires significant physical stamina and endurance, including the ability to move materials by hand, operate hand tools, and perform stationary flagging.
- Job requires outdoor work that involves exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment, including risk of physical injury from carrying out duties in heavy traffic areas, on or near heavy equipment or machinery, and with hazardous chemicals or materials.
- Job may require overtime and nighttime work, and requires the ability to respond to emergency situations within a reasonable time period.
- Job may require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

1. Operates vehicles to transport employees, equipment, machinery and/or materials, or to warn oncoming traffic, plow snow and spread ice control materials; mows right of way using tractor mower and hand tools; operates auger, trencher, backhoe, forklift, loader and various trucks (e.g., dump, aerial boom, bucket, and platform).

2. Maintains state highway systems, including filling roadway joints and cracks and patching potholes; flagging and directing traffic; setting up signs, cones, arrow boards, and other traffic control devices; loading, unloading, spreading, and hauling materials and supplies; cutting and clearing brush; removing trash and debris from roadsides; cleaning and clearing ditches.

3. Maintains, cleans, and repairs state highway facilities, including repairing and replacing road signs and guardrails; cleaning curbs and gutters; painting buildings and equipment; and servicing equipment and machinery.

4. May repair bridge decks (full and partial) and drains, and clean bridge bents/caps at heights on ladders or utilizing scaffolding.

5. May install signs, including structural and large signs at overhead positions, inspect truss signs, pour concrete sign footings, weld and cut steel sign posts, and repair and maintain break away and/or overlay signs; may weld, repair, and fabricate equipment and implements as needed.

6. May stripe roadways, install or remove pavement markings, and clean striping equipment; may operate rollers (glue and tamper), propane torches, shot/turbo blaster, walk behind grinder and other hand tools.

7. May perform pavement leveling, sand blasting and mud jacking, as well as concrete mixing, finishing, and replacement; uses various saws (concrete, diamond, wheel), hand tools, jack hammers and other pieces of heavy equipment.

8. May perform roadside duties, including mowing and spraying; planting grass seed, trees, flowers, or shrubbery; pruning and removal of trees; operating tree transplanter, chipping brush and removing debris; may clean roadside parks and rest areas.

9. May perform signal and lighting duties, including repairing roadway lighting; trenching for conduit installations; installing and maintaining radio equipment; and assisting in installation, repair, and maintenance of camera, message boards, roadway detection devices, and signal masts, arms, heads, and poles.

10. Cleans and performs routine maintenance on vehicles, equipment, buildings and grounds.

11. May oversee an incarcerated crew.

12. Performs other responsibilities as required or assigned.