

## BRIDGE WORKER

### KIND OF WORK

Semi-skilled bridge maintenance and painting work.

### NATURE AND PURPOSE

Under general supervision, an employee in this class is a member of a crew performing semi-skilled work in the repair, renovation or painting of bridges, and performs work as assigned.

This class differs from the Bridge Maintenance Supervisor in that the Bridge Maintenance Worker serves on a crew supervised by a Bridge Maintenance Supervisor.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Repairs and strengthens bridges so that bridge structures are maintained in good repair and are safe by performing such work as replacing sub-flooring, flooring, railings, pouring concrete, erecting falsework or stagings, placing reinforcing steel or beams, driving piles, building coffer dams, bolting and riveting by using hand tools and other equipment.

Cleans and prepares steel, wood and concrete surfaces for painting so that the exterior of bridges are maintained and prevent weather damage by operating sand blasting and other paint removing equipment.

Applies primer and field coats of paint to bridge railings, superstructures and other members so that exterior of bridges are maintained and prevent weather damage by using spray equipment, brushes and other paint application equipment.

Operates pile driver, pump, air compressor, pneumatic hammer, paving breaker, pneumatic or electric drill and other tools and equipment so that maintenance activities are adequately performed to maintain safe structures by using safe operating procedures and skill.

During winter, may assist in snow removal and related activities by operating snow removal equipment and using construction tools so that highways are safe to travel.

## KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

### Knowledge of:

Standard practices, procedures, materials and tools sufficient to maintain bridges or structural steel painting.

Safety precautions sufficient to prevent injuries on the job.

### Skill in:

Operating hand and power tools used in wood, concrete or steel bridges sufficient to repair or replace structures.

Preparing steel surfaces and applying paint sufficient to maintain protective covering on bridges.

### Ability to:

Rig and work from high scaffolds and other hazardous locations sufficient to build and repair structures.

Drive trucks and heavy equipment sufficient to move materials and to make repairs.

LEGAL OR LICENSURE REQUIREMENTS (These must be met by all employees prior to attaining status in the class).

Possession of a valid Class B drivers license.

## SPECIAL WORK CONDITIONS

Work conditions are often hazardous, involving working from high scaffolds or at considerable heights over water or rock.

Est.: 4/40  
Rev.: 5/42, 4/57, 1/78, 3/92

T.C.: 5/4/42  
Former Title(s): Bridge Worker II