

Specifications  
for the Class:

BRIDGE MAINTENANCE WORKER II

**Distinguishing Characteristics**

This class reflects a working supervisor over one or more Bridge Maintenance Worker I positions. A position in this class supervises and participates in the general maintenance, repair, and upkeep of structural steel, composite concrete and steel, reinforced concrete, and timber highway bridges, overpasses and similar structures; performs work at heights in excess of 70 feet; and may perform work under water.

This class differs from the class Bridge Maintenance Worker I in that the Bridge Maintenance Worker I is the fully competent, independent worker which performs work in the repair and maintenance of highway structures such as bridges and overpasses as part of a bridge maintenance crew.

This class differs from the class Bridge Maintenance Supervisor I in that the Bridge Maintenance Supervisor I plans, lays out, and inspects the work of a group of Bridge Maintenance Workers and other workers on a substantially full-time basis, and only occasionally may perform bridge maintenance work tasks.

**Examples of Duties** *(Positions may not be assigned all of the duties listed, nor do the examples necessarily include all of the duties that may be assigned. The omission of specific statements does not preclude the assignment of such duties if they are a logical assignment for the position. The classification of a position should not be based solely on the examples of duties performed.)*

Plans, lays out, assigns and participates in routine inspections of structural steel, composite concrete and steel, reinforced concrete and timber highway bridges to locate rust, corrosion and damage caused by falling rocks, traffic, termites, dry rot, salt spray and water; supervises and participates in erecting and taking down scaffolds and ladders; supervises and participates in chipping, scraping, wire brushing or sand blasting structural steel bridge members and preparing surface for repainting; applies primer and/or other anti-corrosive or rust preventive formulas or paints with brush and spray gun; supervises and participates in laying out all welding and riveting work in connection with the repair or replacement of damaged steel bridge members; supervises and participates in removing and replacing timber bridge members, decking and railings; may supervise and participate in painting, repainting, maintaining and erecting regulatory, warning and directional highway signs and pavement markings;

may supervise and participate in the repair of guard rails, catch basins, cement walks, etc.; supervises and participates in repairing damaged concrete and masonry bridge footings and wing, retaining and rubble walls both above and below water level; reviews and evaluates the work of subordinates; prepares and submits daily maintenance reports; checks safety practices of the bridge maintenance work crew.

**Minimum Qualification Requirements**

Experience and Training: Five (5) years of experience in construction and maintenance work of which two (2) years shall have been in bridge maintenance and repair work; or any equivalent combination of training and experience.

Knowledge of: Practices, methods, materials and tools used in bridge inspectional and maintenance work; steel welding and cutting equipment and its use; mixing and applying different types of paints to steel, concrete and wooden surfaces and methods and materials used to prepare such surfaces for painting; techniques of rigging, scaffolds, and other such equipment; hazards and safety precautions necessary in working at heights in excess of 70 feet; hazards and safety precautions necessary for positions that perform work under water.

Ability to: Plan, lay out, assign, review and evaluate the work of Bridge Maintenance Workers; use common tools and techniques of the trades such as painting, rigging, cutting and welding, steel work and carpentry; give and receive oral and written instructions; prepare maintenance reports; work safely at heights; perform lifting, carrying and moving of heavy objects typical of the work of the class; and, for positions that perform work underwater, dive and swim.

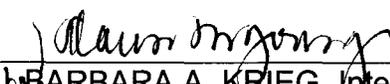
**Physical and Medical Requirements**

Applicants must be able to perform the essential functions of the position effectively and safely, with or without reasonable accommodation.

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This is an amendment to the specifications for the class BRIDGE MAINTENANCE WORKER II, which were approved on March 21, 2007.

DATE APPROVED: 3/23/2012

  
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BARBARA A. KRIEG, Interim Director  
Department of Human Resources Development