

**MENDOCINO COUNTY GOVERNMENT
CLASS SPECIFICATION**

CLASS TITLE: BRIDGE CREW WORKER
DEPARTMENT: TRANSPORTATION
REPORTS TO: BRIDGE CREW SUPERVISOR
CIVIL SERVICE: YES

CLASS CODE: 3000
FLSA STATUS: N
DATE: 01/00 Rev. 1/07
BARGAINING UNIT: SEIU

JOB SUMMARY:

Incumbents in this class perform skilled and semi-skilled labor in the area of bridge construction, maintenance and repairs. Under general supervision, constructs, repairs, maintains and inspects bridges, box culverts and cattle guards and the immediate surroundings on all County-maintained roads. Work is performed within a framework of well-defined policies and procedures.

DISTINGUISHING CHARACTERISTICS:

This class is distinguished from the Road Crew Worker by the performance of duties directly related to the construction and maintenance of bridges and other related structures. This class is distinguished from the Bridge Crew Supervisor by the performance of more complex work associated with bridge construction/maintenance, planning and scheduling of projects and the performance of supervisory duties by the Bridge Crew Supervisor.

SUPERVISION EXERCISED:

Bridge Crew Worker does not exercise supervision.

EXAMPLES OF DUTIES: *Duties may include but are not limited to the following:*

- Performs carpentry work in the construction and repair of bridges, box culverts, guard rails, retaining walls, and related structures.
- Operates various hand and power tools associated with the construction and maintenance of bridges and related structures.
- Maintains and repairs steel bridges by erecting and securing steel girders, stringers, guardrails, and other components.
- Constructs wooden forms, form panels, and bracing for various concrete structures.
- Performs rough and detailed concrete work including estimating, placing, and finishing.
- Performs general maintenance and safety checks on equipment including refueling, greasing, and checking the oil, water, lights, and other vehicle components.
- Maintains files and records pertaining to equipment use, maintenance, accidents, and other areas.
- Prepares and submits inventories of materials and supplies used and transported.
- Performs construction of various wooden structures such as storage sheds, utility buildings, work shops, and other related structures.
- Assists in preparation of monthly inventory and material usage reports.
- Performs form stripping, finish work, painting, and clean up duties on bridges and other related structures.
- Cleans and paints various wooden bridge elements.
- Clears debris and log jams from streams and channels.
- Excavates footings and foundations.
- Reinforces steel culverts with concrete.
- Sand blasts and paints various steel bridge elements.
- Assists road crew in performing routine road repairs and maintenance including operating heavy equipment.
- Performs other related duties as assigned

MATERIAL AND EQUIPMENT USED:

Hand Tools	Chain Saw	Skill Saws	Drills
Backhoe/Loader	Dump Truck	Generator	Acetylene Torch
Power Winch	Compressor	Flatbed Truck	Concrete Mixer
Sandblaster	Boom Truck	Roller	Chipper
Arc Welder	Forklift	Jackhammer	Patch Pots
Water Truck	Tilt Bed Trailer	Water pumps	Skid Steer& attachments

MINIMUM QUALIFICATIONS REQUIRED:

Education and Experience:

High School diploma or GED; and, two to four years of progressively responsible related experience performing duties such as bridge construction and maintenance, building concrete forms, general building construction and/or metal fabrication and welding; or equivalent combination of training and experience.

Licenses and Certifications:

Valid California Driver's License

Valid California Class B Driver's License within 6 months of hire

KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of:

- Methods, materials, and equipment utilized in the construction and maintenance of bridges and other related structures.
- Basic bridge construction and maintenance equipment, including the operation, servicing, and minor repair of equipment.
- Safe practices and procedures for completion of the work.
- Record keeping, report preparation, filing methods and records management techniques.

Skill in:

- Using tact, discretion, initiative and independent judgment within established guidelines.

Mental and Physical Abilities:

- Establish and maintain effective working relationships with a variety of individuals.
- Read and interpret documents such as safety rules, operation and maintenance instructions, procedure manuals, etc.
- Deal with problems involving several concrete variables in standardized situations.
- While performing the essential functions of this job the employee is frequently required to walk, sit, use hands to finger, handle, or feel, reach with hands and arms, climb or balance, stoop, kneel, crouch, or crawl, speak and hear, and lift and/or move up to 50 pounds.
- While performing the essential functions of this job the employee is occasionally required to lift and/or move more than 100 pounds.

Working Conditions:

- While performing the essential functions of this position the employee is frequently exposed to outdoor weather conditions, extreme cold, fumes or airborne particles, risk of electrical shock, work in high precarious places, and toxic or caustic chemicals.
- The incumbent's working conditions are typically loud.

This class specification should not be interpreted as all-inclusive. It is intended to identify the essential functions and requirements of this job. Incumbents may be requested to perform job-related responsibilities and tasks other than those stated in this specification. Any essential function or requirement of this class will be evaluated as necessary should an incumbent/applicant be unable to perform the function or requirement due to a disability as defined by the Americans with Disabilities Act (ADA). Reasonable accommodation for the specific disability will be made for the incumbent/applicant when possible.