



FLSA: COVERED
EEO: 8
SEPTEMBER 2023

BRIDGE AND SIGN MAINTENANCE SPECIALIST

DEFINITION

Under general supervision, to perform maintenance and construction work on County bridges; to perform a variety of specialized sign preparation, sign placement, and bridge maintenance and construction work; to skillfully operate a variety of construction and maintenance equipment such as trucks, heavy power-driven road maintenance and construction equipment, and snow removal equipment; to perform a variety of assignments in the maintenance, repair, and construction of roads and drainage systems; to provide lead direction and work coordination for a crew assigned to prepare and place County road signs; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

This is the specialized working level in the Public Works Maintenance Worker class series. Incumbents may be assigned lead and work coordination responsibilities as needed for a small group of Public Works Maintenance Workers assigned to County sign preparation and placement, as well as bridge maintenance and construction work on an intermittent basis. In addition, incumbents perform specialized sign preparation, sign placement, and bridge maintenance and construction work. Responsibilities include operation of a wide variety of heavy construction and maintenance equipment. The operation of this equipment is characterized by a high degree of skill in manipulation of hand and foot controls and accuracy in moving materials to exact specifications. Incumbents in this class may be assigned specialized work assignments in addition to skilled equipment operation duties. Incumbents in this class are subject to twenty-four hour "call-out" for road related emergencies and snow removal.

REPORTS TO

Public Works Maintenance Supervisor

CLASSIFICATIONS SUPERVISED

None

EXAMPLES OF DUTIES

The following are the duties performed by employees in this classification. However, employees may perform other related duties at an equivalent level. Each individual in the classification does not necessarily perform all the duties listed.

- Provides lead direction and work coordination for other Public Works Maintenance Workers.
- May serve as a member of the Safety Committee and attend safety meetings.
- Performs a variety of specialized assignments in the preparation and placement of County Road Signs and the maintenance and construction of County bridges.
- Operates a variety of trucks in the hauling of various liquids and materials including but not limited to road fill and base materials for construction, maintenance, and repair projects.
- Operates snow removal equipment.
- Operates crawlers, tractors, loaders, power booms, chippers, graders, and other power-driven equipment.
- Uses backhoe attachments on appropriate equipment.
- Performs minor maintenance on equipment.
- Performs semi-skilled concrete work in the construction and maintenance of culverts, headwalls, bridges and related structures.
- Mixes and places concrete.
- Performs a variety of road maintenance functions such as patching roads, cutting brush, clearing culverts, cleaning ditches, or painting guard rails.
- Operates hand tools such as jackhammers and chain saws; cares for and services equipment.
- Acts as a flag person for road repair and maintenance crews.
- Performs shovel work, opening, widening, and backfilling excavations.
- With training, will handle and use various chemicals or hazardous materials, will mix and spray pesticides.
- Maintains records of materials and equipment used.
- May perform maintenance and repairs on construction equipment.
- Application of weed and brush controls within County right of way.

ESSENTIAL QUALIFICATIONS

Knowledge of:

- Procedures, tools, equipment, and materials used in the maintenance and construction of roads, bridges, and public works facilities.
- Laws, rules, regulations, and procedures for the placement of County road signs.
- Operation and routine maintenance of construction equipment including loaders, graders, trucks, rollers, and related equipment.
- Provisions of the California Vehicle Code relating to the operation of medium and

- heavy equipment on streets and roads.
- Work safety methods and programs.
- Principles of training, work coordination, and lead direction.

Ability to:

- Provide lead direction and work coordination for an assigned group of Public Works Maintenance Workers to prepare and place road signs.
- Train other staff in equipment operation, bridge maintenance and construction, and County road sign work.
- Perform specialized assignments in the preparation and placement of County road signs and bridge maintenance and construction.
- Perform a variety of unskilled, semi-skilled, and skilled work in the maintenance, construction, and repair of County roads, bridges, culverts, and public works facilities.
- Skillfully operate heavy road construction and maintenance equipment including loaders, graders, trucks, rollers and related equipment.
- Skillfully operate snow removal equipment.
- Maintain time and equipment records.
- Perform heavy physical labor.
- Maintain and make repairs to equipment.
- Establish and maintain cooperative working relationships.

TYPICAL PHYSICAL REQUIREMENTS

Frequently stand and walk; sit for extended periods; ability to stoop, kneel or crouch to pick up or move objects; walk for long distances and on sloped ground and uneven surfaces; lift and move objects weighing over 100 pounds with assistance; normal manual dexterity and eye-hand coordination; corrected hearing and vision to normal range; verbal communication; use of road maintenance equipment such as backhoes, graders, front end loaders, and snowplows.

TYPICAL WORKING CONDITIONS

Work is performed outdoors in varying temperature, weather, and humidity condition; work is performed in environment with constant noise; exposure to wastewater, grease and oils and other hazardous materials; exposure to moving equipment; exposure to electrical current; constant contact with staff and the public.

TRAINING AND EXPERIENCE

Any combination of training which would likely provide the required knowledge and experience is qualifying. A typical way to obtain the required knowledge and abilities would be:

Education

A high school diploma or GED equivalent.

Experience

One (1) year of road maintenance work and construction experience comparable to that of a Public Works Maintenance Worker III with Amador County. Work experience must include training and background in heavy equipment operation, as well as County road sign and bridge maintenance and construction work.

SPECIAL REQUIREMENTS

- Possession of an appropriate valid and current California Driver's License required to meet the performance requirements of the position.
- Must possess a Chemical Applicator Certification from the State of California within one year of employment.