BRIDGE AND SIGN MAINTENANCE SPECIALIST

DEFINITION

Under general supervision, to provide lead direction and work coordination for a crew assigned to prepare and place County road signs and 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; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

This is the specialized working level and lead supervision class Public Works Maintenance Worker class series. Incumbents are assigned lead and work coordination responsibilities 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. They may also assume full responsibility for an entire crew in the absence of a Public Works Maintenance Supervisor. 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. This class is distinguished from Public Works Maintenance Worker III class in that incumbents have lead responsibilities and 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 DIRECTLY SUPERVISED

None.

EXAMPLES OF DUTIES

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; may serve as a Public Works Maintenance Supervisor in the Supervisor's absence; 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; operates transports for heavy 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 flagperson for road repair and maintenance crews; performs shovel work, opening, widening, and backfilling excavations; with training, may handle and use various chemicals or hazardous materials may mix and spray pesticides; maintains records of materials and equipment used; may perform maintenance and repairs on construction equipment.

**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.

**DESIRABLE 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.
- 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.

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

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.