

PUBLIC WORKS MAINTENANCE WORKER III

DEFINITION

To operate a variety of heavy construction, maintenance and transportation equipment as necessary to complete assignments in the maintenance of roadways, drainage systems and the County solid waste site; to perform semi-skilled and skilled maintenance tasks.

DISTINGUISHING CHARACTERISTICS

This is the journey-level class in the Public Works Maintenance class series, and is distinguished from the Public Works Maintenance Worker II by the primary responsibility to operate heavy diesel and gasoline-powered construction equipment in the maintenance of roadways, drainage systems and the County solid waste site. May supervise paving crew.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from lead, supervisory and management staff.

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

Road Maintenance:

Operates heavy construction equipment, including a backhoe, bulldozer, motor grader, front loader, road mixer, chip spreader, semi-trucks, dump trucks, water trucks, boom truck, power broom, tractor, rollers, snow plow, etc., as needed for daily construction, maintenance and repair tasks.

Operates a compressor, sand blasters, jack hammer, chipper machine, welding equipment, cutting torch, compaction tools, weed eater, blower, and other hand and power tools.

Prepares roads for patch repairs, overlays, or chip seals; prepares mix for patching roads; repairs and reconstructs roads.

Forms, pours and finishes concrete.

Constructs and repairs bridges, culverts and drain pipes; installs guard rails.

Assists in shooting and setting grade stakes.

Grades and crowns roads.

Prunes trees and other vegetation as needed.

Cleans roadsides and drainage systems; inspects and clears debris from drainage systems; conducts roadside burning as needed.

Removes snow and ice from roads in inclement weather; removes mud / debris resulting from mud slides.

Hauls materials to and from work sites as required.

Directs and controls traffic around work sites.

Maintains, cleans and performs minor repairs to assigned equipment and tools.

Performs related duties as assigned.

Solid Waste Site:

Operates a variety of heavy construction / solid waste disposal equipment, including bulldozers, motorgrader, elevating scraper, hydraulic scraper, backhoe, compactor, water truck, boom truck, excavator, etc.

Operates a generator, steam cleaner, fork lift, welding equipment, cutting torch, air compressor, pumps, various hand and power tools.

Pushes and compacts solid waste; hauls, places and compacts soil to cover solid waste; maintains intermediate and final cover.

Grades on-site roads.

Maintains on-site drainage controls.

Cuts fire breaks.

Maintains traffic control at solid waste site.

Estimates load sizes; calculates and collects fees based on established fee schedules; issues receipts.

Prepares and maintains routine records and reports of solid waste disposal activities.

Maintains recycling areas; identifies and sorts recyclable materials.

Assists in the performance of routine grounds maintenance tasks.

Maintains, cleans and performs minor repairs to assigned equipment and tools.

Performs related duties as assigned.

QUALIFICATIONS:

Knowledge of:

Pertinent rules, regulations, policies and procedures.

Operation and maintenance requirements of trucks and heavy power-driven equipment.

Materials, methods, practices and equipment used in road, bridge and culvert maintenance and repair activities and/or in solid waste site maintenance activities and operations.

Traffic laws, rules and ordinances involved in truck and heavy equipment operations; traffic control regulations.

Vehicle classifications and load capacities.

Recognition of hazardous materials.

Safe work practices.

General clerical procedures, including handling cash transactions and basic record-keeping.

Ability to:

Understand, interpret and apply pertinent laws, rules, regulations, policies and procedures.

Understand and follow oral and written instructions.

Perform a variety of semi-skilled and skilled construction, maintenance and repair work.

Perform heavy manual labor.

Operate a variety of vehicular and complex, heavy, power-driven road construction equipment and stationery mechanical equipment.

Perform minor maintenance on assigned equipment.

Learn the geography and street system of the County.

Follow established safe work rules and practices.

Establish and maintain cooperative working relationships with those contacted in the course of work.

Communicate clearly and concisely, both orally and in writing.

Collect and count money; make change and issue receipts.

Prepare and maintain simple records and reports.

Work effectively in emergency and stressful situations.

EXPERIENCE AND TRAINING GUIDELINES:

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

Experience:

Two years of experience as a Public Works Maintenance Worker II or equivalent experience performing maintenance work in the construction and repair of roads or at a Solid Waste Disposal Facility.

Training:

Formal or informal education or training which ensures the ability to read and write at a level necessary for successful job performance.

LICENSE OR CERTIFICATE:

Possession of a valid California Class A driver's license with proper endorsements.

PHYSICAL DEMANDS

Must possess mobility to work in the field; strength, stamina, and mobility to perform medium to heavy physical work, to work in confined spaces, around machines and to climb and descend ladders, and operate varied hand and power tools and construction equipment; vision to read printed materials and a computer screen; and hearing and speech to communicate in person and over the telephone or radio. The job involves fieldwork requiring frequent walking in operational areas to identify problems or hazards. Finger dexterity is needed to access, enter, and retrieve data using a computer keyboard or calculator and to operate above-mentioned tools and equipment. Positions in this classification bend, stoop, kneel, reach, and climb to perform work and inspect work sites. Employees must possess the ability to lift, carry, push, and pull materials and objects, more than 75 pounds occasionally and frequently 50 pounds or more, as necessary to perform job functions.

WORKING CONDITIONS

Employees work in the field and are exposed to loud noise levels, cold and hot temperatures, inclement weather conditions, unusual heights, road hazards, vibration, confining workspace, chemicals, mechanical and/or electrical hazards, and hazardous physical substances and fumes. Employees may

interact with upset staff and/or public and private representatives, and contractors in interpreting and enforcing departmental policies and procedures. Employees may be required to work on evenings, weekends, and holidays and participate in after-hours emergency response and on-call and callback assignments