

**PUBLIC WORKS OPERATOR III**

**DEFINITION**

To provide lead direction and participate in the operation of light and heavy equipment in the construction, maintenance and repair of City streets, storm drains, sewer systems, and related appurtenances; and to perform related duties and responsibilities as required.

**SUPERVISION RECEIVED AND EXERCISED**

Receives general supervision from the Public Works Operations Manager.

Assigns, reviews and coordinates the work of Public Works Operators I and II.

**EXAMPLES OF ESSENTIAL FUNCTIONS** - *Essential functions may include, but are not limited to, the following:*

Provides leadership and assistance to subordinate Operators on assigned projects; participates in employee training.

Receives, distributes and explains work assignments to crew members.

Assists in estimating materials for projects and repairs.

Inspects the work of subordinates and contractors for compliance with department policies and procedures, standards of quality and safety, approved plans and specifications.

Operates heavy, power-driven equipment in the construction and maintenance of public works projects, such as City streets, curbs, gutters, sidewalks, storm drains and sewer system.

Maintains airport buildings, runways, taxi lights and other special facilities and equipment.

Transports and tows various pieces of equipment to and from job sites; loads and hauls water, gravel, rock, debris and various other materials to and from construction sites.

Designs, sets forms, and finishes concrete for sidewalks, curbs, gutters, wheelchair ramps, etc.

Fabricates, installs, maintains and repairs street signs; paints street and parking lot markings.

Performs heavy manual labor duties as required, including but not limited to shoveling and spreading gravel, sand, asphalt and other materials on streets; assisting with paving and patching streets; laying pipes for sewer and storm drains; cleaning, maintaining and repairing sewer mains, lines and lift stations.

Oversees traffic control efforts around work sites, including setting up barricades, warning signs and cones, and flagging traffic.

Locates and marks underground sewer and storm drain lines for private contractors and utility companies.

Responds to emergency situations with appropriate equipment as required.

Performs general building and grounds maintenance work as requested.

Performs weed abatement duties related to public works projects and operations.

Operates vehicles, various trucks, grader, loader, backhoe, paving machine, street sweeper, sewer jet rodder, street roller, manlift, tamper, lawn care equipment, concrete mixer; operates or uses a TV van / camera, diagnostic tools, masonry tools, carpentry tools, mechanic's tools, plumbing tools, welding tools, various other common hand and power tools, measuring devices, meters, and safety gear.

Cleans, maintains and performs minor adjustments to equipment as necessary.

Maintains routine records of work performed and materials used

Receives and responds to inquiries, requests for assistance, concerns and complaints from the public regarding public works projects and programs.

Works on call during evenings, weekends and holidays as scheduled.

Performs the duties of Public Works Operations Manager in his/her absence.

Assists with special projects or assignments as required.

### **MINIMUM QUALIFICATIONS**

#### **Knowledge of:**

Departmental policies, procedures and standards related to public works maintenance and construction projects.

Pertinent federal, state and local laws, regulations, codes and ordinances.

Modern principles, practices, techniques, equipment, materials and tools used in public works construction and maintenance operations.

Safe and proper operation and maintenance needs of heavy construction/maintenance equipment; safe and proper use of other tools and equipment used in public works construction and maintenance operations.

General use and purpose of construction and maintenance materials.

Methods of training and leadership.

Basic record-keeping and report preparation techniques.

**Ability to:**

Read, understand and apply pertinent federal, state and local laws, codes, ordinances, rules and regulations.

Train, coordinate and oversee the work of others in a lead supervisory capacity.

Read and understand complex plans, specifications and blueprints.

Coordinate, work and perform confined space activity in accordance with applicable health and safety standards.

Operate and maintain electrical control panels for machinery and equipment such as wastewater treatment plants and pump stations.

Apply technical knowledge and follow proper inspection techniques to examine workmanship and materials, and detect deviations from plans, specifications, regulations and standard construction practices.

Perform heavy construction work and heavy manual labor work.

Safely operate assigned equipment and tools; work safely in heavy traffic or limited space conditions.

Accurately estimate equipment and materials required to complete assigned projects.

Read and write at a level required for successful job performance.

Maintain accurate work records and prepare routine reports.

Perform mathematical computations with accuracy.

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

Meet the physical requirements necessary to safely and effectively perform the required duties.

**Experience:**

Four years of experience in street, storm drain and sewer system maintenance and construction.

**Education:**

High school diploma or GED equivalent.

**Additional Requirements:**

Possession of a valid California Class "B" driver's license. A valid Class "A" license is preferred.

### **TYPICAL WORKING CONDITIONS**

Work is regularly performed in field environment. Incumbent drives on surface streets, operates heavy machinery on surface streets and construction sites; traverses uneven terrain on foot. Worker may be exposed to traffic and construction hazards, fire hazards, electrical currents, air contaminants, adverse weather conditions, temperature and noise extremes, wetness, humidity, heights, confined spaces, fumes, dusts, odors, toxic or caustic chemicals, pathogens, solvents, grease / oil, vibration.

### **TYPICAL PHYSICAL REQUIREMENTS**

Requires the mobility and stamina to exert strenuous physical effort in a field environment. Requires the ability to operate vehicles and heavy equipment; walk, stand, climb, balance, stoop, kneel, crouch, crawl and reach while performing field work; lift and/or move up to 25 pounds frequently and up to 100 pounds occasionally; use hands to finger, handle, feel or operate objects, tools and controls. Tasks require visual and sound perception and discrimination, and oral communications ability.

**This class specification lists the major duties and requirements of the job and is not all-inclusive. Incumbents may be expected to perform job-related duties other than those contained in this document.**