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| DATE | October 2023 |
| JOB CODE | |
| FLSA | NON-EXEMPT |
| EEO | |

JOB TITLE: Public Works Heavy Equipment Operator
 DEPARTMENT/DIVISION: Public Works/Various
 REPORTS TO: Varies

SUMMARY: Responsible for performing duties that are primarily related to operating heavy equipment. Heavy equipment operated will vary by area of assignment. Performs the more technical work of maintenance projects requiring related experience. Work is performed with limited supervision.

ESSENTIAL JOB FUNCTIONS:

- Operates a variety of light to heavy equipment at assigned job sites, which may include: Gradall, tractor trailer, excavator, bulldozer, roller, dump trucks, concrete mixers, backhoes, forklifts, loaders, skid steer, concrete breaker, and/or other related items.
- Wastewater operators will operate a jet truck, vacuum trucks, and a CCTV truck.
- Performs preventative maintenance on applicable equipment.
- Participates in monitoring and maintaining appropriate inventory levels to ensure efficient division operations.
- Participates in a variety of skilled maintenance activities in assigned area of responsibility, which may include: repairing water and sewer lines; installing and repairing fire hydrants; monitoring water and sewer lines for leaks; implementing landscape and asphalt repairs; repairing and/or replacing items that have been damaged by excavation activities; and/or, performing other related activities.
- Monitors the work of external contractors, providing technical guidance and expertise and ensuring contract terms and specifications are met.
- Sets up traffic warning devices and barricades and directs traffic around work sites. Checks and inspects barricades daily for proper placement and visibility.
- Prepares and cleans up work sites.
- Transports equipment and/or materials to designated job site(s).
- Participates in winter weather operational activities.
- Responds to emergency operation and on-call situations.
- Performs other duties as assigned.

POSITION SPECIFIC JOB FUNCTIONS:

Public Works Streets - Asphalt

- Performs a wide variety of activities in support of asphalt maintenance, which includes: Patching potholes, performing full-depth street and alley repairs with asphalt, asphalt

overlays; inspecting and maintaining railroad crossings for structural integrity; mitigating trip hazards on sidewalks and performing any other assigned duties.

Streets - Concrete

- Performs a wide variety of activities in support of streets maintenance, which includes implementing temporary and permanent repair to streets, alleys, sidewalks; and/or other applicable areas; pouring concrete; and/or, performing other related activities.

Utility Cuts

- Serves as lead and participates in performing a wide variety of activities in support of infrastructure maintenance, which includes: establishing surface grades and cutting or filling as appropriate with concrete or dirt; calculating, ordering, pouring and finishing concrete; setting up forms, utility cuts and relay projects; constructing structural concrete walls, sidewalks and storm drains; implementing temporary and permanent paver repairs to streets, alleys, sidewalks; and/or other applicable areas; pouring concrete; specialty projects; setting up transitions; assist repairing water and sewer lines, assist maintaining and repairing fire hydrants; and/or, performing other related activities.

Water Distribution

- Performs a wide variety of activities in support of water utility maintenance activities, which includes: making new taps; installing new services; setting up transitions; repairing water and sewer lines; fixing and maintaining fire hydrants; fixing and maintaining valves; changing out meters; investigating water leaks; and/or, performing other related activities.

Wastewater

- Performs a wide variety of activities in support of wastewater maintenance, which includes: cleaning sanitary sewer collection systems; oversee wastewater contracts and projects; identifying obstructions and problems with service taps, roots, and broken pipes; performing sanitary sewer inspections; collecting and maintaining related data; repairing sewer collection systems; collect and verify GIS data for wastewater assets; assist other divisions as needed; and/or, performing other related activities.

Special Operations

- Performs a wide variety of activities in support of asphalt maintenance, which includes: Inspecting and repairing inlet boxes, storm pipes, flumes, head walls, culverts, and bar ditches; blading and grading alleys; pressure washing and painting screening walls; installing and repairing guardrails and dome posts; inspecting and maintaining bridges and railroad crossings for structural integrity; and performing any other assigned duties.

SUPERVISORY/BUDGET RESPONSIBILITIES:

- Able to temporarily step in to the Crew Leader role in the event of Crew Leader's absence.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of applicable Federal, State and Local vehicle ordinances;
- Knowledge of construction practices in assigned area of responsibility;
- Knowledge of tools, materials, and methods in assigned specialty area;
- Knowledge of occupational hazards and related safety precautions;
- Knowledge of applicable maintenance equipment;
- Knowledge of a variety of hand and power tools;
- Skilled in reading maps, schematics, and/or other related drawings;
- Skilled in writing, reading and comprehending instructions in English;
- Skilled in performing skilled maintenance work in a safe, efficient manner;
- Skilled in performing manual labor;
- Skilled in operating and maintaining small to heavy-sized equipment and trucks;
- Skilled in performing skilled maintenance and repair activities;
- Skilled in operating, maintaining, and repairing a variety of hand and power tools;
- Skilled in gathering and analyzing information and making recommendations based on findings and in support of organizational goals;
- Skilled in operating a computer and related software applications;
- Skilled in communicating effectively with a variety of individuals.

MINIMUM QUALIFICATIONS:

Depending on area of assignment, other certifications may be required as a condition of employment.

Wastewater

- Must obtain a TCEQ Wastewater Collection III license within 12 months
- Must obtain a TCEQ Wastewater Collection III license within 30 months
- Must obtain a TCEQ Wastewater Collection III license within 66 months. AND
- High School Diploma or G.E.D.
- One year of related equipment operations experience. OR
- An equivalent combination of education, experience and training that provides the required knowledge, skills and abilities.

Water Distribution

- Must possess a TCEQ Class D Water license AND
- High School Diploma or G.E.D.
- One year of related equipment operations experience. OR
- An equivalent combination of education, experience and training that provides the required knowledge, skills and abilities.

Streets (Concrete and Asphalt)/Special Operations

- Eighth grade education
- One year of related equipment operations experience. OR
- An equivalent combination of education, experience and training that provides the required knowledge, skills and abilities.

PREFERENCES:

- Class A Commercial Driver License.
- TCEQ issued occupational license

WORKING CONDITIONS:

- Frequent climbing, balancing, reaching, sitting, standing, walking, stooping, kneeling, crouching, talking, seeing, hearing, smelling, and manual dexterity.
- Occasional lifting and carrying of over 100 pounds.
- Work is typically performed in an outdoor environment, with potential exposure to adverse weather conditions.
- Work is occasionally performed in close quarters, high and precarious places, and near moving mechanical parts.
- Potential exposure to risk of electrical shock, vibration, fumes, and airborne particles.

CONDITIONS OF EMPLOYMENT:

- Must possess a valid motor vehicle driver license.
- Must pass pre-employment drug test.
- Must pass criminal history check.
- Must pass motor vehicle records check.
- Must obtain Class A-CDL Texas Driver's License within 6 months of employment.

Utility Cuts

- May be required to obtain TCEQ Class C Water Distribution license within thirty months of employment depending on crew assignment.
- May be required to obtain TCEQ Class II Wastewater Collections license within thirty months of employment depending on crew assignment.

Special Operations

- Must obtain Class A-CDL Texas Driver's License with fifth wheel endorsements within 6 months of employment.

Wastewater

- Must obtain Class A-CDL Texas Driver's License with tanker endorsements within 6 months of employment.

Water Distribution

- Must obtain TCEQ Class C Water Distribution license within thirty months of employment.