

Street Maintenance Operator

SUMMARY/PURPOSE

To perform a variety of skilled tasks in road construction, equipment operation, routine maintenance, public traffic control devices, and/or repair of City streets. The work involves performing manual tasks using a wide array of hand and power tools, and the operation of construction equipment; duties may be performed under adverse weather or working conditions.

DISTINGUISHING FEATURES OF THE CLASS

Employees at this level are distinguished from the Heavy Equipment Operator by the proficient knowledge, skills, and abilities obtained by performing a full range of duties as assigned.

SUPERVISION RECEIVED

For both one-of-a-kind and repetitive tasks, the supervisor makes specific assignments that are accompanied by clear, detailed, and specific instructions. Incumbents work as instructed and consult with the supervisor.

SUPERVISION GIVEN

Does not have direct supervisory responsibility but does have significant oversight of temporary and seasonal employees.

ESSENTIAL DUTIES AND RESPONSIBILITIES

1. Operate a wide array of construction equipment such as, but not limited to, sweepers, graders, boom truck, air compressors, drill press, grinder, flushers, loaders, bulldozers, excavators, single and tandem axle plow trucks, ROW mowers, backhoes, various hand, hydraulic, and power tools in a safe and efficient manner.
2. Fabricate, install, and repair signs and posts, including cutting, burning, basic welding, hole digging, cement mixing, and foundation preparation.
3. Operate and maintain truck equipped with street painting equipment, walk-behind street painting machines of all sizes, and the pavement marking line striping trucks and equipment.
4. Perform the painting of traffic lanes, crosswalks, curbs, other traffic markings, and signposts.
5. Perform detailed pre-operation checks on vehicles and equipment prior to use and document findings.
6. Perform routine operator level maintenance as assigned and emergency repairs if necessary.
7. Perform tasks related to street maintenance such as, but not limited to, snow plowing/removal, sanding/salting roadways; constructing, grading, patching roadways; forming, pouring, and finishing concrete; cleaning up blight and debris citywide; street sweeping operations; maintaining ditches, storm drains, natural water courses; loading, hauling, and stockpiling sand, gravel, brush, and other materials.
8. Maintain a safe work environment for bystanders as well as coworkers while working and/or operating around live utilities, traffic, and pedestrians, by setting up appropriate barricades, warning devices, and proper vehicle and equipment placement.
9. Set up traffic control devices for special events and for emergency situations as required.
10. Lead work crews as assigned.
11. Maintain records of work performed both in written and digital formats, as required.
12. Maintain clean and safe common areas for employees to use on a regular basis.
13. Be an effective team member by exhibiting self-motivation, supporting other employees in handling tasks, interacting effectively and respectfully with others, showing a desire to contribute to the team effort, accepting assignments willingly, and completing tasks within agreed upon timelines.
14. Other duties may be assigned.

JOB REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed are representative of the knowledge, skills, and abilities required.

1. Education & Experience Requirements
 - A. A minimum of three (3) years of related education and/or of full-time, verifiable professional experience to demonstrate proficiency in the operation of heavy equipment in excess of five (5) tons, such as sweepers, graders, flushers, loaders, bulldozer, backhoes, traffic control devices, including the painting of traffic lanes, crosswalks, and curbs as a primary responsibility.
2. License Requirements
 - A. Possess and maintain a valid Minnesota Class A commercial driver's license or privilege with tanker endorsement.
 - B. Possess and maintain forklift certification within six (6) months of being hired.
 - C. Possess and maintain a required State of Minnesota, current, MPCA Smart Salting Certification(s) within six (6) months of being hired.
 - D. Possess and maintain Minnesota LTAP Roads Scholar Maintenance Operations and Technical Certificate (MUTCD Sign Maintenance and Management for Local Agencies required), a total of eight (8) credits within five (5) years.
3. Knowledge Requirements
 - A. Knowledge of applicable safety laws, regulations, practices, and policies that pertain to traffic controls and devices in fixed and moving worksites.
 - B. Knowledge of methods, tools, equipment, and materials used in the road construction industry and traffic control devices.
 - C. Knowledge of basic road construction work methods and procedures related to building and maintaining roads and alleyways.
 - D. Knowledge of mechanics, basic masonry, DC wiring, basic welding, and burning as they apply to street and traffic maintenance work and equipment.
 - E. Knowledge of applicable laws, regulations, and policies pertaining to traffic control devices, including working knowledge of the Manual on Uniform Traffic Control Devices.
 - F. Knowledge of proper concrete forming, pouring, and finishing procedures.
 - G. Knowledge of longline, crosswalk, and legend painting procedures.
 - H. Knowledge of problem-solving and conflict-resolution techniques.
 - I. Knowledge of applicable safety requirements.
 - J. Knowledge of, or the ability to learn, City policies and procedures.
4. Skill Requirements
 - A. Skill in the use of materials, equipment, procedures, and practices used in street maintenance, traffic maintenance, and traffic control devices.
 - B. Skill in road construction, equipment operation, street painting equipment, and the routine maintenance of associated equipment.
 - C. Skill in performing mechanical repairs and related work using hand and power tools.
 - D. Skill in the operation of office equipment including, but not limited to general computer systems, job required software applications (City-provided email, associated security trainings, employee portals, etc.), the internet, and modern office equipment.
 - E. Skill in technology and applications used in modern street maintenance equipment such as material tracking, scales, live-body systems, etc.
 - F. Skill in managing one's own time.
 - G. Skill in completing assignments accurately and with attention to detail.
5. Ability Requirements
 - A. Ability to interpret manuals, catalogs, engineering plans, and shop drawings related to the position.
 - B. Ability to use hand and power tools and machines.
 - C. Ability to interpret blueprints and schematics.
 - D. Ability to be proficient in modern software or applications to make traffic signs.
 - E. Ability to operate assigned equipment for long intervals in all types of weather as

- necessary.
- F. Ability to work assigned shifts, nights, and weekends.
 - G. Ability to create and maintain a positive working environment that welcomes diversity, ensures cooperation, and promotes respect by sharing expertise with team members, fostering safe work practices, and developing trusting work relationships.
 - H. Ability to communicate and interact effectively with members of the public.
 - I. Ability to communicate effectively both orally and in writing.
 - J. Ability to promote and keep safety a priority with day to day assignments.
 - K. Ability to understand and follow instructions.
 - L. Ability to problem-solve a variety of situations.
 - M. Ability to set priorities and complete assignments on time.
 - N. Ability to attend work as scheduled and/or required.

Physical Demands

The work requires considerable and strenuous physical exertion such as frequent climbing of tall ladders, lifting heavy objects over 50 pounds, and crouching or crawling in restricted areas.

Work Environment

The work environment involves high risks with exposure to potentially dangerous situations or unusual environmental stress requiring a range of safety and other precautions (e.g., working at great heights, under extreme outdoor weather conditions, or in similar situations in which conditions cannot be controlled).

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