

SHIAWASSEE COUNTY ROAD COMMISSION
JOB DESCRIPTION

TITLE: DISTRICT HYDRO OPERATOR

FLSA: Non-exempt

GENERAL SUMMARY:

Under the direction of the Superintendent of Operations/State Highway Foremen, District Foremen, Garage Supervisor, Engineer's Assistant or Managing Director. This position requires knowledge of the daily operations, safety requirements and proper procedures to complete the various job responsibilities. Must have the ability to operate and run pick-up with arrow board, broom, plow, and sander attachments; single and/or tandem axle dump truck with plow salter and wing attachments; and tractor with attachments.

ESSENTIAL FUNCTIONS:

1. Check equipment to be used on a daily basis to maintain efficiency and safe operational status. Pre-trip inspection (i.e. checking fluid levels, tires, lights, brakes, etc.) includes daily greasing of fittings and servicing of equipment.
2. Drive single and/or tandem axle dump truck while performing various duties (i.e. hauling material, dumping and spreading road material, winter de-icing, plowing, berming, etc.) on county roads and state trunk lines.
3. Loading and unloading of equipment on transporting trailers. Help to properly secure the equipment, check load width, height, and prepare for transport.
4. Loading of all types of materials utilized in roadway maintenance and construction such as sand, gravel, salt, asphalt, stone, topsoil, berm, etc.
5. Snowplowing, scraping, ice control/removal on state trunkline, subdivisions and local or primary roadways.
6. Using hot and cold asphalt bituminous patching materials & equipment, including dura-patcher and crackfiller.
7. Sweeping of intersections and roadways.
8. Picking up debris in the road right-of-way.
9. Weed control around guardrail and sign posts.
10. Installing, repairing, removing and/or cleaning of culverts, catch basins and tile.
11. Cutting brush, chipping and tree removal in the road right of way.
12. Operation of the arm mower and brush mower.
13. Installs/repairs markers as well as a traffic control.
14. Installs/repairs/removes guardrail, signs, and snow fence.
15. Operation of roller to compact materials as needed on roadways.
16. Performs tire changes when necessary and assists with blade changes.

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17. Operation of the hydro seeder and water tanker.
18. Fuels equipment when necessary.
19. Operate various types of vehicles or equipment during storms, etc.
20. Any and all other duties as directed.

MINIMUM REQUIREMENTS:

The following are required to enable job holders to perform the essential function of the job.

1. SKILLS/KNOWLEDGE:

- Must be able to complete an accurate daily Shiawassee County Road Commission time card, map, load sheet and work progress report.

2. JOB SPECIFICATIONS:

- A high school education, GED, or equivalent educational preparation.
- A commercial drivers license (C.D.L.) class A with a 'N' endorsement as required by law and the Commercial Drivers' License Policy.
- A forklift license.
- Aerial lift license.
- Must have ability to perform tire changes.

This job cannot be adapted so that someone with difficulty reading or writing could fully meet job demands.

3. MINIMUM TWO YEARS EXPERIENCE AND/OR TRAINING IN THE FOLLOWING AREAS:

- Must have knowledge and in experience in operation of loader, backhoe, roller, hydro truck including salter, wings, underbody front plow, etc., aerial lift truck, tractors, mowers, and all other equipment as needed by the Road Commission.

4. PHYSICAL REQUIREMENTS:

- Must be able to lift 100 pounds.
- Must be able to stand upright, walk, bend at the waist, and twist/rotate at the waist.
- Must be able to use hands and fingers to grasp/manipulate levers and steering wheel on a continual basis.
- Must be able to maintain balance while climbing in and out of equipment cabs at all times. Vehicles generally have 2 to 4 steps that elevate the operator to an estimated height of 6 to 7 feet.
- Must be able to sit and operate equipment for up to 4 hours without a break.

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- Must be able to push with legs to greater than 50 pounds of force to operate foot controls on a continuous basis.
- Must be able to communicate verbally with co-workers and the public professionally.

5. VISUAL ACUITY, HEARING, SPEAKING:

- Must be able to ask questions of their supervisor, listen and follow directions.
- Must be able to communicate verbally with co-workers and the public courteously.
- Must be able to communicate verbally on the radio system and telephone in a courteous manner.
- Must be aware of surroundings at all times, people in the area while operating heavy equipment, such as loading, digging, and swinging of backhoe bucket, ditching, plowing, etc.

6. ENVIRONMENT AND SCHEDULING:

- Environmental conditions to include operating equipment under adverse weather conditions (i.e. extreme cold and heat); extremes of noise and vibrations; fumes and dust may be present while repairing, operating or near equipment; and wet and/or humid conditions especially when exposed to weather and extreme heat conditions.
- Hazardous conditions to include moving parts on equipment and machines; exposure to power and gas lines as well as other utilities; and traffic encountered while operating equipment and machines.

NOTE: The above description has been developed based on the guidelines as defined by the Americans with Disabilities Act (1990). Typical duties were identified through on-site analysis and confirmation from the employer. This description is intended to indicate the kinds of tasks and levels of work difficulty that will be required of positions that will be given this title and shall not be construed as declaring what the specific duties and responsibilities of any particular position shall be. It is not intended to limit or in any way modify the right of any supervisor to assign, direct, and control the work of employees under his/her supervision. The use of a particular expression or illustration describing duties shall not be held to exclude other duties not mentioned that are of similar kind or level of difficulty.