

JOB TITLE: Heavy Equipment Operator

RD/2

DEPARTMENT: Road, Hart County

JOB SUMMARY: This position is responsible for operating a variety of heavy equipment to construct and maintain county roads and drainage systems.

MAJOR DUTIES:

- o Operates a bulldozer and pan to redistribute dirt, prepare roads for paving, and clear rights-of-way.
- o Operates a front-end loader to load trucks and move dirt.
- o Operates a backhoe to dig ditches, lay pipe, and clear drainage systems.
- o Operates a motor grader to grade county roads and set base prior to paving.
- o Operates a tar truck to tack roads before putting down asphalt.
- o Operates a water truck to assist in the laying of asphalt.
- o Operates a traffic roller and steel wheel roller to assist in the laying of asphalt.
- o Operates an asphalt distributor to construct, maintain, and improve road systems.
- o Operates a lowboy to transport equipment.
- o Operates a dump truck to haul dirt and gravel.
- o Installs driveway pipes.
- o Assists in reconstructing county bridges.
- o Performs daily check of oil and fluid levels and tires on equipment and machinery.
- o Checks bridges and pipes for damage after heavy rains.
- o Performs duties such as repairing and erecting signs and cleaning pipes.
- o Removes debris and trees from roads after storms.
- o Performs other related duties as assigned.

KNOWLEDGE REQUIRED BY THE POSITION:

- o Knowledge of county policies and procedures pertaining to road and drainage system maintenance and repair.
- o Knowledge of techniques for achieving grade, drainage, and proper compaction.
- o Knowledge of road construction and maintenance techniques.
- o Knowledge of departmental and safety rules and regulations.
- o Skill in operating such equipment as a tractor, motor grader, pan, front-end loader, backhoe, roller, asphalt distributor, and bulldozer.
- o Skill in dealing with the public.

SUPERVISORY CONTROLS: The Road Superintendent assigns work in terms of general instructions. Work is spot-checked in progress and upon completion for compliance with instructions and procedures, accuracy, and the nature and propriety of the final results.

GUIDELINES: Guidelines include state Department of Transportation road maintenance and traffic guidelines, county policies and procedures, and supervisory instructions. These guidelines are clear and specific, but may require some interpretation in application.

COMPLEXITY: The work consists of related duties in constructing and maintaining county roads and drainage systems. Inclement weather, equipment failures, and traffic contribute to the complexity of the work.

SCOPE AND EFFECT: The purpose of this position is to operate heavy equipment to construct and maintain county roads and drainage systems. Successful performance helps ensure safe and serviceable roads and drainage systems.

PERSONAL CONTACTS: Contacts are typically with co-workers, state inspectors, and the general public and prison detainees.

PURPOSE OF CONTACTS: Contacts are typically to give and exchange information and provide services.

PHYSICAL DEMANDS: The work is typically performed with the employee sitting, standing, walking, bending, crouching or stooping. The employee must frequently lift light and heavy objects and use tools or equipment requiring a high degree of dexterity.

WORK ENVIRONMENT: The work is typically performed outdoors. The employee is exposed to noise, dust, dirt, grease, machinery with moving parts, and inclement weather. The work requires the use of protective devices such as masks, goggles, or gloves.

SUPERVISORY AND MANAGEMENT RESPONSIBILITY: None.

MINIMUM QUALIFICATIONS:

- o Ability to read, write and perform basic mathematical calculations.
- o Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated with the completion of an apprenticeship/ internship or having had a similar position for one to two years.
- o Possession of or ability to readily obtain a valid driver's license issued by the State of Georgia for the type of vehicle or equipment operated.