

2011/1/10

HIDALGO COUNTY ROAD & BRIDGE PAVED/UNPAVED

Job Title: Heavy Equipment Operator II **FLSA Status: Non-Exempt**

Dept No: 121-124 **Civil Service Status: Non-Exempt**

SUMMARY:

Drives and operates backhoe, motor grader and other heavy equipment. This is a responsible position that may involve minimal instruction or supervision. This is a skilled-labor position involved with the operation of medium to large-class heavy equipment, or servicing an operation such as excavating/digging out drainage holding ponds, clearing right-of-way and drainage ditches of debris. The employee may be assigned a number of other tasks.

QUALIFICATION REQUIREMENTS:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential duties and responsibilities;

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Serves as operator of heavy gasoline and/or diesel equipment such as a backhoe, motor grader and other medium-to large-class equipment.
- Employee will be expected to excavate ponds and/or ditches, grade roads, spread caliche and may assist in opening new roads.
- Clear/Clean or build bar ditches according to surrounding ground elevations and availability of drainage.
- Ability to operate small-class trucks including pick-up truck, dump truck, water truck, tractor, sedan, flat bed truck.
- Loads truck; hauls dirt, gravel, caliche, water, garbage, and/or other materials and equipment to designated areas and unloads truck.
- Ability to operate generators, pumps, hand tools and a 2-way radio.
- Maintains vehicle in ready working condition, including fuel, proper lubrication, and cleaning.
- Examines vehicles for needed repairs and routine maintenance and reports necessary repairs.
- Ability to operate and maintain equipment that is used during projects to excavate ponds, repair roads, brush pickup or clearing of drainage ditches.
- Performs maintenance and construction duties including installation of culverts.
- Regular attendance is a must.
- Ability to work well with others.

EDUCATION and/or EXPERIENCE

- High School Diploma or general education degree (GED) preferred;
- Employee must have at least three (3) years experience working with heavy equipment and possess basic knowledge of minor repairs and adjustments; or
- Any equivalent combination of experience and training, which provides the required knowledge, skills and abilities to perform duties.
- Two (2) to three (3) years experience in laying storm drain lines.
- Must be proficient in reading blue prints and cut sheets.
- Must be knowledgeable in the use of laser level equipment.
- Must be able to set box and grade inlets.

CERTIFICATES, LICENSES, REGISTRATIONS

- Employee must have a current valid Texas Motor Vehicle Operator's License;
- Must be able to be insured by the County's Insurance carrier;

OTHER SKILLS AND ABILITIES

- Knowledge of the safe operation of the equipment used and of the provisions of the Texas Motor Vehicle Code relating to the operation of equipment/vehicles.
- Sufficient skills to operate equipment effectively and safely.
- Ability to perform strenuous work in the outdoors.
- Ability to understand and follow oral instructions.
- Ability to read and comprehend simple instruction, short correspondence, and memos.
- Ability to read and interpret documents such as safety rules, maintenance instructions, and procedure manuals.
- Bilingual ability (Spanish and English) with the ability to converse fluently in both languages, preferred.
- Ability to calculate figures and amounts such as simple addition, subtraction, multiplication, and division.
- Ability to apply common sense understanding to carry out detailed but uninvolved written and/or oral instructions.
- Ability to deal with problems involving a few concrete variables in standardized situations.
- Must be able to perform the duties of a Heavy Equipment Operator I.
- Employee may be assigned other duties in addition to those listed; duties may change according to the changing needs of the County.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job;

While performing the duties of this job, the employee is required to talk or hear. The employee is required to stand. The employee is required to walk; sit; use hands to

finger, handle, or feel objects, tools, or controls; reach with hands and arms; climb or balance; stoop, and kneel;

The employee must occasionally lift and/or move over twenty-five (25) pounds. Specific vision abilities required by this job include close vision, depth perception, and the ability to adjust focus;

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job;

Must be able to perform heavy manual labor outdoors within a five (5) day forty (40) hour week, with exposure to hazards and conditions involving extremes of heat and cold.

The noise level in the work environment is usually loud to moderate;

SAFETY REQUIREMENTS:

Maintain physical condition appropriate to the performance of assigned duties and responsibilities which may include the following:

- sitting for extended periods of time;
- operating assigned equipment;

Maintain mental capacity which permits:

- making sound decisions and using good judgment;
- demonstrating intellectual capabilities;

Effectively handle a work environment and conditions which involve:

- working closely with others;
- working in a multi-task environment;

Maintain effective audio-visual discrimination and perception needed for:

- making observations;
- reading and writing;
- operating assigned equipment;
- communicating with others;

ACCIDENT PREVENTION PROGRAM:

Required to follow all department's safety regulations;

**HIDALGO COUNTY
ROAD & BRIDGE
PAVED/UNPAVED**

Job Title:	Heavy Equipment Operator III	FLSA Status:	Non-Exempt
Department:	121-124	Civil Service Status:	Non-Exempt

SUMMARY

Drives and operates motor grader, excavator and various heavy equipment. Responsible for preparing sub grade for paving. This is a responsible position that may involve minimal instruction or supervision. This is a skilled-labor position involved with the operation of medium to large-class heavy equipment, or servicing an operation such as garbage collection, clearing of right-of-way and drainage ditches of debris. The employee may be assigned a number of tasks.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Employee will be expected to grade roads, spread caliche and prepare road sub grade.
- Clear/Clean or build bar ditches according to surrounding ground elevations and availability of drainage.
- Ability to operate heavy equipment used in road and bridge maintenance and repair, such as backhoes, front-end loaders, compactors and pneumatic/flat wheel rollers.
- Ability to operate small-class trucks including pick-up truck, dump truck, water truck, tractor, sedan, flat bed truck.
- Loads truck; hauls dirt, gravel, caliche, water, garbage, and/or other materials and equipment to designated areas and unloads truck.
- Ability to operate generators, pumps, hand tools and a 2-way radio.
- Maintains vehicle in ready working condition, including fuel, proper lubrication, and cleaning.
- Examines vehicles for needed repairs and routine maintenance and reports necessary repairs.
- Ability to operate and maintain maintenance equipment that is used during projects to repair roads, brush pickups, or clearing of drainage ditches.
- Ability to work effectively and cooperatively with other crewmembers.
- Ability to provide supervision of assigned road crew.
- Regular attendance is a must.
- Get along with co-workers.

QUALIFICATION REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

- High School diploma or General Education Degree (GED) preferred;
- Employee must have at least eight years experience working with motor graders/heavy equipment and possess basic knowledge of minor repairs and adjustments; or

- Any equivalent combination of experience and training which provides the required knowledge, skills and abilities to perform duties.

CERTIFICATES, LICENSES, REGISTRATIONS

- Must possess a valid Texas Drivers License, Class C;
- Must be able to be insured by the County's insurance carrier.
- Ability to obtain certification as needed.

OTHER SKILLS AND ABILITIES

- Knowledge of the safe operation of the equipment used and of the provisions of the Texas Motor Vehicle Code relating to the operation of equipment/vehicles.
- Knowledge of reading engineer cuts and grades
- Sufficient skills to operate equipment effectively and safely.
- Ability to perform strenuous work in the outdoors.
- Ability to understand and follow oral instructions.
- Ability to read and comprehend simple instructions, short correspondence, and memos.
- Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals.
- Bilingual ability (Spanish and English) with the ability to converse in both languages, preferred.
- Ability to add and subtract two digit numbers and to multiply and divide with 10s and 100s.
- Ability to apply common sense understanding to carry out detailed but uninvolved written and/or oral instructions.
- Ability to deal with problems involving a few concrete variables in standardized situations.
- Must be able to perform all duties of Heavy Equipment Operator I and II.
- Employee may be assigned other duties in addition to those listed; duties may change according to the changing needs of the County.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is required to talk or hear. The employee is required to stand. The employee is required to walk; sit; use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; climb or balance; stoop, and kneel.

The employee must occasionally lift and/or move over fifty (50) pounds. Specific vision abilities required by this job include close vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

While performing the duties of this job, the employee occasionally works near moving mechanical parts, outside weather conditions and is occasionally exposed to fumes or airborne particles and toxic or caustic chemicals. Employee is frequently exposed to solar radiation when carrying out essential duties.

The noise level in the work environment is usually loud.

SAFETY REQUIREMENTS

Maintain physical conditions appropriate to the performance of assigned duties and responsibilities which may include the following:

- sitting for extended periods of time
- operating assigned equipment

Maintain mental capacity which permits:

- making sound decisions and using good judgment
- demonstrating intellectual capabilities

Effectively handle work environments and conditions which involve:

- working closely with others
- working in a multi-task environment

Maintain effective audio-visual discrimination and perception needed for:

- making observations
- reading and writing
- operating assigned equipment
- communicating with others

ACCIDENT PREVENTION PROGRAM

Required to follow all department's safety regulations.