

Job Description: SURVEY INSTRUMENT OPERATOR
(ROAD AND BRIDGE)

CLASS NO. 2116

EEOC CATEGORY: Technicians

PAY GROUP: 15

FLSA: Nonexempt

SUMMARY OF POSITION

Makes field surveys at Road and Bridge Department work sites pertaining to roadway, and roadway drainage system elevations and grades. Duties include operating survey instruments, determining elevation and grades, and placing marker stakes. Also operates road striper to properly mark roadways.

ORGANIZATIONAL RELATIONSHIPS

1. Reports to: Survey Foreman
2. Directs: This is a non-supervisory position.
3. Other: Has daily contact with co-workers; and has frequent contact with utility companies concerning locations of pipelines, power lines, etc.

EXAMPLES OF WORK

Essential Duties*

Operates survey instrument to determine elevations and grades for drainage systems of roadways under construction, or repair;

Assists in placing marker stakes to define work area boundaries, and calculates proper grade on stakes to ensure proper construction execution by equipment operators and laborers;

Determines dirt and trash levels and assists in maintaining records of piezometer wells at county landfill;

Assists road crews in paving roads by measuring roads and determining adequate quantities of paving materials to complete projects;

Operates road striper to mark roadways as instructed, ensuring road striper is in good operating condition prior to operation; and

Serves as Survey Rodman as necessary.

*for the purpose of compliance with the Americans with Disabilities Act (ADA)
This job description does not take into account potential reasonable accommodations.
8/2012

CLASS NO. 2116 (Continued)

Other Important Duties*

May operate other heavy and/or light equipment in the construction and maintenance of roads and bridges, in the absence of regular operators;

Determines 100 foot boundaries at polling places within the county; and

Performs such other related duties as may be assigned.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of: surveying principles, practices, methods, and techniques; and the safe operation of the equipment used and of the provisions of the Texas Motor Vehicle Code relating to operation of such motor vehicles.

Skill/Ability to: demonstrate proficiency in both oral and written communication; properly operate modern survey equipment and make related mathematical calculations; tolerate outside working conditions, including exposure to adverse weather conditions; establish and maintain effective working relationships with co-workers and representatives of utility companies; and maintain Texas driver's license applicable to job responsibilities and good driving record.

ACCEPTABLE TRAINING AND EXPERIENCE

High school graduation, or its equivalent, and training in surveying techniques, plus at least two years of related work experience;

or any equivalent combination of experience and training which provides the required knowledge, skills, and abilities.

CERTIFICATES AND LICENSES REQUIRED

Appropriate Texas driver's license.