

SURVEY TECHNICIAN BB

CODES/PAY GRADE

Class Code: 2092 EEO Code: C FLSA: NE Pay Grade: 417
Level I:
Level II:

MAJOR FUNCTION

Skilled technical work in the field of land surveying.

ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.)

LEVEL I - *Level I incumbents will be cross-trained in all functions and techniques relating to land surveying. Duties include:*

Utilizes a range rod/prism for topographic data collection. Uses a tripod/target to set foresights and backsights. Operates electronic survey instruments such as, but not limited to, digital theodolites/EDMs, electronic field data computers and levels to establish geodetic traverses, benchmark elevations, and topographic data collection for design and property surveys.

Physically sets survey markers such as stakes, iron rods and concrete monuments as required for traverses, turn points and benchmarks.

Opens survey lines through brush and trees in order to make sightings and measurements.

Performs adjustment and maintenance of s survey equipment. Assures adequate inventory as required to support survey operations. Maintains and replaces equipment and supplies in vehicle.

Performs related work as required.

LEVEL II - *Level II incumbents function as the designated "Survey Crew Chief" which involves:*

Supervises field operations on location surveys. Oversees and coordinates electronic field data collection. Ensures accuracy and quality control of field work.

Supervises, evaluates, and assigns work to Level I Survey Technicians.

Performs complex instrument work and makes complex computations as applied to land surveying practices.

Answers and resolves public complaints relating to field surveys.

(Survey Technician BB continued)
KNOWLEDGE, SKILLS and ABILITIES

LEVEL I - Knowledge of surveying instruments and field computers. Knowledge of mathematic computations applicable to land surveying including geometry and trigonometry. Knowledge of survey principles and practices. Knowledge of electronic data collection techniques of field surveying.

Ability to understand and follow oral and written instructions.

LEVEL II - All KSAs of Level I. Ability to interpret engineering drawings and plans. Ability to plan, assign, supervise, evaluate and review work of subordinate employees.

MINIMUM QUALIFICATIONS

LEVEL I - Graduation from high school or possession of a GED and two (2) years of field experience in land surveying.

LEVEL II - Three years experience as a Survey Technician, Level I; or

Graduation from high school or possession of a GED and five (5) years of field experience in land surveying.

ALL LEVELS - Possession of a valid Florida driver's license.

A comparable amount of education, training or experience may substitute for the minimum qualifications.

ADA REQUIREMENTS

Physical Demands: Light to Medium work. Ability to lift, see, carry, push, pull, stand, walk, climb, crouch, crawl, kneel, reach, handle, finger. Ability to traverse uneven, undeveloped, wet terrain. Ability to operate a motorized vehicle.

Environmental Demands: Outside work. Ability to tolerate inclement weather including rain, cold, heat, humidity. Exposure to fumes, odors, noise and vibration, dust, water. Exposures to insects.

Mental Demands: Ability to read and comprehend safety instructions and manuals, directions, procedures; drawings, maps, legal descriptions, general instructions, reports, letters and summaries. Ability to perform shop math (geometric construction and essentials of trigonometry) and basic mathematical functions. Ability to speak and express ideas clearly to laymen. Ability to write at level to convey ideas, thought, data and details.

New 10/97
Replaces 10/94