

LAND SURVEY TECHNICIAN 3

Job Code	Pay Grade
16770	CL14

Nature of Work

This is advanced technical and supervisory work coordinating multiple survey parties or office staff engaged in design, control or construction surveying, automated mapping or preparing right-of-way maps and associated legal descriptions. Employees in this class are responsible for coordinating numerous surveys or mapping projects and performing technical calculations and minor field re-design to maintain designated project time frames. Work requires the exercise of a high degree of independent judgment and initiative.

Minimum Qualification Requirements

- 4 years experience in land survey work; or
- An equivalent combination of education, training and/or experience.

Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

Illustrative Tasks (These are examples and are not all inclusive.)

- Supervises, coordinates and directs all phases of land survey and is responsible for work results and progress of assigned survey parties, training subordinate personnel and reviewing survey procedures.
- Checks technical aspects of land survey procedures, insures crews are functioning at a high performance level and supervises, coordinates and performs automated mapping functions or right-of-way mapping operations.
- Prepares and verifies accuracy of legal descriptions, maps and aerial photographs required for right-of-way maps and performs survey calculations to establish roadway alignments, survey closures and geodetic ties.
- Supervises and participates in the review of plans for water systems, sewerage, street or subdivision construction, makes preliminary estimates for survey projects and technical surveying calculations, analyzes field data and prepares detailed recommendations.
- Checks contract drawings, computes quantity of waste, fill and construction material, investigates new construction, makes field inspections of drainage problems and checks proposed street grades and drainage plans.
- May perform information processing related duties including using available statistical packages or programs, encoding data, data entry and retrieval, routine information terminal operations and programming/reprogramming.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge of the principles, techniques and practices of land surveying.
- Knowledge of the principles, practices and instruments used in drafting.
- Knowledge of civil engineering principles and practices and construction specifications, plans and regulations related to public works construction.
- Knowledge of higher level mathematical applications to survey computation.
- Skill in the use of land survey instruments and equipment.

LAND SURVEY TECHNICIAN 3 (continued)

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Knowledge, Skills, and Abilities (continued)

- Ability to perform difficult technical computations, make estimates and compile routine engineering data and statistics.
- Ability to render engineering re-designs, makes difficult technical drawings, perform geodetic surveys and prepare legal descriptions of property boundaries.
- Ability to program, operate and instruct subordinate personnel in the use of automated mapping equipment, supervise and coordinate the work of multiple survey parties or office personnel and train employees in survey work.

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Revised	EEOC Code	Overtime Code
7/88	Technicians	Classified/Excluded