

Title: Professional Surveyor and Mapper
PG: 60
Status: Civil Service
Position Reports to: Manager of Engineering
Department: Public Works

Class Code: 2065
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is professional land surveying work which requires supervisory and administrative skills to oversee and coordinate activities of subordinates and private sector surveyors dealing with surveys for the City of Lakeland.

ESSENTIAL FUNCTIONS:

1. Serves as the surveying section supervisor, directing and controlling the City's surveying program. Coordinates assigned functions and activities of the section with other City departments, governmental agencies, private land surveyors, and the public.
2. Perpetuates public land corners and alignments related to right-of-way maps, land plats, and legal description. Reviews subdivisions plats and surveys for accuracy and conformance to established technical standards.
3. Reviews consultant proposals and fee negotiations of professional land surveyor contracts with the City. Performs related inspections of contracted land surveying projects. Reviews survey reports, field books, and plats to insure contract compliance. Coordinates with personnel in defining project scopes and developing land surveying contracts. Serves as an expert witness at hearings and condemnation proceedings for the City. Provides professional advice in resolving unusual problems and improving work methods.
4. Continues densification of the City horizontal and vertical control network for use by the public and private sector.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Extensive knowledge of the principles and practices of land surveying, equipment and techniques involved in the performance of land surveying assignments.
2. Knowledge of engineering quantitative techniques.
3. Skill in using land surveying instruments and equipment.
4. Skill in preparing maps.
5. Ability to analyze and interpret land surveying data.
6. Ability to perform land surveying calculation.
7. Ability to plan, organize and coordinate work assignments.
8. Ability to communicate technical information verbally and in writing.
9. Ability to establish and maintain effective working relationships with others.

WORKING ENVIRONMENT/CONDITIONS:

Requires physical work that involves walking or standing some of the time, exerting up to 10 pounds of force on a recurring basis, and routine keyboard operations.

The job risks exposure to bright/dim light, dusts and pollen, extreme heat and/or cold, wet or humid conditions and extreme noise levels.

The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception

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QUALIFICATIONS (EDUCATION, TRAINING AND EXPERIENCE):

1. Licensed as a Professional Land Surveyor in accordance with Florida Statutes Chapter 472.

SPECIAL REQUIREMENTS:

1. Must possess valid Florida driver's license.
2. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.