

Survey Crew Chief

Description

WithersRavenel, an ESOP company is currently actively recruiting to fill the position of Survey Crew Chief.

This person coordinates the activities of a field survey party, performs the most technically complex paraprofessional field surveying duties and performs other duties as required. This individual is responsible for the effective performance, training, and safety of all members of a field survey party.

The Survey Crew Chief possesses a general knowledge of land surveying principles and practices. Including a thorough knowledge of field surveying practices. Also, the Survey Crew Chief need to possess a working knowledge of the Subdivision Map Act and other federal and state laws and standards that regulate the land surveying profession.

Requirements

- Acts as Survey Crew Chief for a field survey crew engaged in making plane and/or geodetic surveys for construction, topographic, right-of-way, and control survey projects; participates in pre-survey planning meetings with project managers, resident engineers, and contractor representatives; assigns and monitors work, and provides input for evaluation of members of field survey crew; and instructs and trains survey crew in survey methods, use of equipment, and field safety procedures.
- Gathers field survey data through use of conventional and Global Positioning System (GPS) methods; sets up, adjusts, and operates surveying equipment, including electronic total station, data collector, and GPS equipment, in order to measure distances, elevations, and angles; prepares field notes and drawings; and performs field surveying for lots, roadway, bridges, and flood control projects, including installing surveying construction stakes, tying out existing intersection ties, and locating or establishing vertical and horizontal control, right of way, monuments, corners, boundaries, and property lines.
- Performs complex surveying calculations using engineering; analyzes raw data for mathematical closure and geometric accuracy; provides detailed survey notations of surveyed field work.
- Researches existing record information, including record maps, plans, deeds, easements, and right-of-way documents; and maintains field data records, survey project files, and indexing systems.
- May perform mapping compliance or other related office survey duties as a temporary assignment in order to satisfy the training/experience requirement for the Professional Land Surveyor's License.

Working Conditions:

Work is performed outdoors at landfills, construction sites, in swamps, and in traffic. To perform the essential functions of the job, incumbents may be required to perform moderately strenuous tasks, such as including lifting and carrying instruments weighing up to 75 pounds over rough terrain. Incumbents may also be required to clear vegetation, dig holes, and pound stakes with hand tools.

Preferred Qualifications:

- Knowledge of principles and practices of land surveying, including boundary determination, legal descriptions, construction, topographic surveying, and GIS
- Experience with field surveying practices and techniques, including radial staking, uses and capabilities of survey instruments, including electronic total station, data collector, theodolites, network control stations, and GPS measuring equipment;
- Up to date with current laws, rules, and regulations regarding subdivisions of land, boundary locations, mapping, and surveying practices, including the Professional Land Surveyor's Act