

Survey Technician

WithersRavenel offers a variety of interesting and challenging opportunities to make an impact on our region. As an employee-owned company, every team member and every voice is important. We believe that each employee should find satisfaction in his or her work and have the chance to grow. If you're good at what you do, have a strong work ethic, and want to learn and grow in your career, get in touch. We'd like to get to know you.

Description

The Survey Technician assists the Survey Crew Chief in the documentation, surveying and measuring of points, elevations, lines, areas, and contours for construction, mapmaking, land division, and titles. This person is responsible for operating and maintaining field equipment including electronic total stations, auto levels, and data collectors.

Responsibilities:

- Acts as instrument operator for a field survey crew engaged in making plane and/or geodetic surveys for construction, topographic, right-of-way, and control survey projects.
- 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.
- Assists the Survey Crew Chief with survey notations for surveyed field work.
- Ensures that the batteries for all field equipment are recharged each day and that the geomatics vehicle to which they are assigned is adequately supplied and cleaned each day.

Working Conditions:

The work is performed outdoors in 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.

Job Requirements:

- Thorough understanding of principles and practices of land surveying, including boundary determination, legal descriptions, construction, topographic surveying, and GIS
- Experience in field surveying practices and techniques, including radial staking, uses and capabilities of survey instruments, including electronic total station, data collector, theodolites
- Able to enforce safety practices, work independently, read and interpret engineering plans, collect data, operate and maintain complex precision surveying instruments, engineering calculators, communicate effectively orally and in writing; and establish and maintain cooperative working relationships with Geomatics staff, engineers, developers, contractors, and the general public