

**MAJOR FUNCTION**

This is an entry-level position involving survey field work including survey chaining/measuring, sighting, level rod, and other basic surveying duties on a land survey crew. Work is performed under the close and continuing supervision of a higher-level technical employee.

**ESSENTIAL AND OTHER IMPORTANT JOB DUTIES****Essential Duties**

Positions, sets, and marks stakes, hubs, turning points, benchmarks, and monuments. Uses chain, plumb bob, hand level, and sight rod in determining lines, directions, and distances. Serves as chainman in the measurement of distances and as a rodman in obtaining cross sections, establishing level circuits, and during angular measurement of traverse surveys. Clears brush and other obstructions. Locates and digs for survey monuments, reference points and underground utilities. Removes manhole covers and enters sanitary and storm drain manholes to determine pipe sizes, locations, and invert depths. Cleans and maintains survey equipment and tools. Operates the survey vehicle as required. Performs related work as required.

**Other Important Duties**

Occasionally operates surveying instruments under supervision. Performs related work as required.

**DESIRABLE QUALIFICATIONS****Knowledge, Abilities and Skills**

Knowledge of basic mathematics. Ability to understand and follow oral and written instructions. Ability to read engineering plans. Ability to read maps and use basic measuring devices. Ability to measure distances with the survey chain, use the survey rod, and set up and operate the survey level. Good physical condition to permit working outdoors and under varying weather conditions. Ability to work from bridges, walkways, heights, right-of-way, and be able to wade through water. Ability to print clearly.

**Minimum Training and Experience**

Possession of a high school diploma or an equivalent recognized certificate. Directly related experience may be substituted on a year-for-year basis for the required education.

**Necessary Special Requirements**

Must possess a valid Class E State driver's license at the time of appointment.

Individuals hired into this job class after the effective date of this revision must progress to the Survey Technician II level within 24-months of hire as a condition of continued employment.

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