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 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.