

MAJOR FUNCTION

This is technical work in performing land surveys. Assignments are performed as a member of a land survey crew under the general direction of a higher level technician and are subject to review during progress and upon completion through oral and written reports and by observation.

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

Positions, sets, and marks stakes, hubs, turning points, bench marks, and monuments. Uses chain, plumb bob, hand level, and sight rod in determining lines, directions, and distances. Serves as chairman in the measurement of distances and as a rodman in obtaining cross sections, establishing level circuits, and doing 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. May operate surveying instruments under supervision of higher level technician. Performs related work as required.

Other Important Duties

May copy, index and file materials, as directed. Performs related work as required.

DESIRABLE QUALIFICATIONS**Knowledge, Abilities and Skills**

Knowledge of the methods and procedures of topographic and traverse surveys. Knowledge of decimals, fractions, survey stationing and the ability to work accurately with same. Ability to make computations quickly and accurately. Ability to operate surveying equipment and to work outside under varying weather conditions.

Minimum Training and Experience

Possession of a high school diploma or an equivalent recognized certificate and two years experience that includes duties as a member of a land surveying crew; or an equivalent combination of training and experience.

Necessary Special Requirements

Possession of a valid class "E" State driver's license at the time of appointment.

Established: 02-16-90
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05-03-93
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