

MAJOR FUNCTION

This is technically skilled work in the field locating, marking and GPS mapping of water sewer and gas mains, services, meters, valves, and appurtenances. Employees in jobs assigned to this class are also responsible for checking, and filing of record drawings for the same utilities. Work involves data collection at location points through the use of Global Positioning System (GPS) equipment, and download of same data into a microcomputer for checking and verification. Work is performed in accordance with established policies and procedures under the general supervision of a superior. The incumbent is expected to exercise independent judgment, and initiative in the performance of work tasks. Work is reviewed through conferences, inspections and by results obtained.

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

Marks location points for data collection purposes by use of electronic locating devices. Uses Global Positioning System (GPS) instruments and/or lasers for utility data capture and collection for the City's Geographical Information System (GIS). Provides information to the public and other City employees with regard to the exact location of water mains, services, and meters, valves, and appurtenances. Performs related work as required.

Other Important Duties

May locate sewer taps and mark the location of utility lines for other utility operators and excavators who plan to dig in the public right-of-way or easements where City utility facilities are located. Performs related work as required.

DESIRABLE QUALIFICATIONS**Knowledge, Abilities and Skills**

Knowledge of engineering specifications and plans. Knowledge of regulations relating to the construction and maintenance of utility systems. Knowledge of and operational skills in many types of metallic pipe location devices and GPS equipment. Knowledge of the American Public Works Association (APWA) universal location and marking code. Ability to work from and interpret construction plans, utility maps, field notes, tie record books, blueprints and drawings. Ability to make accurate, neat and legible representations. Ability to communicate effectively orally and in writing. Ability to follow oral and written instructions. Ability to establish and maintain effective working relationships as necessitated by the work. Skill in the use of microcomputers and the programs and applications necessary for successful job performance.

Minimum Training And Experience

Possession of a high school diploma or an equivalent recognized certificate and two years of experience that includes the maintenance, operation, or construction of utility facilities; or one year of experience that includes locating underground utility facilities; or an equivalent combination of training and experience.

Necessary Special Requirements:

(At the discretion of the department director the noted licensure may not be required). Must possess a valid class "E" State driver's license at the time of appointment.

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