



# Engineering Technician Intern

## **Position Summary and Scope of Responsibility**

This paid Engineering Technician internship involves the support of day to day operations of a municipal water distribution and sewer collection system.

Examples of work performed:

- Development of construction drawings using CAD and organized storage of engineering records and technical schematics.
- Entering of data into Geographic Information Systems (GIS) databases using techniques such as coordinate geometry, keyboard entry of tabular data, manual digitization of maps, scanning and automated conversion to vectors or other sources from digital data.
- Review existing and/or incoming data for accuracy, usefulness, quality, and completeness of documentation.

## **KNOWLEDGE, SKILLS, AND ABILITIES**

- Knowledge of ArcGIS Pro to digitize, analyze, process, and display geospatial data.
- Knowledge of UAVs, data collection, and processing.
- Knowledge of CAD applications.
- Ability to work independently on projects in a timely manner.

## **NECESSARY SPECIAL REQUIREMENTS**

Must possess or obtain a valid driver's license with insurable driving record.

*The statements contained in this job description reflect general details as necessary to describe the principal functions of the job, the level of knowledge and skill typically required, and the scope of responsibility, but should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned, including work in other functional areas to cover absences or relief, to equalize peak work periods, or otherwise balance the workload.*