

DEGROVE

SURVEYORS, INC.

SURVEYING & MAPPING CONSULTANTS

Subsurface Utility Engineering (SUE) Support

CAPABILITY

Degrove provides subsurface utility engineering (SUE) support through location services meeting all of the American Society of Civil Engineers (ASCE) Quality Level standards – including the highest Quality Level A. We possess a wide variety of equipment making Degrove capable of providing comprehensive subsurface location services using a variety of methods:

- Electromagnetic induction
- Ground-penetrating radar (GPR)
- Specialized GPR scans of concrete structures, walls, and columns
- Vacuum excavation (soft-dig test holes)

EXPERTISE

The Degrove team is led by six licensed Professional Surveyors and Mappers who possess nearly 150 years of combined experience. These surveyors offer a diverse level of expertise that is rarely found in a single survey firm.

EXPERIENCE

Degrove serves a diverse group of public and private-sector clients in a wide range of industries. Founded in 1971, Degrove has been providing SUE support services for over 15 years in a variety of environments, including urban corridors, highways, power plants, water treatment facilities, and cemeteries. Some of our recent subsurface utility projects include:

St. Johns County Utility Dept. – Anastasia Island Waste Water Treatment Plant, St. Johns County, FL – Recently constructed subsurface piping was located utilizing electromagnetic locators and ground penetrating radar. Crews also utilized Degrove's vacuum excavator to complete approximately 45 soft-dig holes, verifying pipe size, type, and location at critical points in the network.

JEA (Jacksonville Electric Authority) – Total Water Management Plan Segment 6, Duval County, FL – Subsurface utilities were researched, designated and mapped in conjunction with a survey of this route, being 9,100 feet in length. Both electromagnetic locators and ground penetrating radar were utilized.

U.S. Army Corps of Engineers – Herbert Hoover Dike, Palm Beach County, FL – Subsurface utilities along approximately 15 miles of the dike and in the vicinity of the Pahokee Marina were researched, designated and mapped in support of engineering design for dike improvements.

St. Johns County Public Works Department – International Golf Parkway Reclaimed Water Main, St. Johns County, FL – Subsurface utilities were researched and designated in support of the eight mile route survey being completed by Bradshaw-Niles & Associates. Additionally, Degrove utilized our vacuum excavator to complete over 90 soft-dig test holes, verifying utility location, type, and depth at critical points along the route.



Jacksonville, Florida

904-722-0400

Gainesville, Florida

352-338-9667

degrove@degrove.com

www.degrove.com