



GEOMATICS

OUR SERVICES

- ▶ Sewer, Water & Stormwater Systems
- ▶ Database Design through Project Delivery
- ▶ Asset/Structure Assessments
- ▶ Connectivity & Geometric Networks
- ▶ Survey-Quality GPS Data Collection
- ▶ QA/QC Reviews by a Professional Land Surveyor

REACH OUT

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UTILITY ASSET inventory

A complete and accurate GIS database of utility infrastructure provides the foundation for modeling current and future usage, assessing needs for maintenance and upgrades, and understanding the total system. WithersRavenel helps clients strengthen an existing database or create a database from scratch by locating structures in the field and recording materials, sizes, conditions, inverts, and other key data.

Our field crews use survey-grade GNSS/GPS equipment to locate above-ground utility assets, which is more accurate in both the horizontal and vertical locations. This high-grade equipment provides a better mapping product deliverable and maximizes use of the data across departments. To further enhance the data we perform detailed GIS field assessments and connectivity on utility structures to completely fill your off-the-shelf or custom geodatabase design. Assessment revisions made directly to the geodatabases via mobile GIS solutions by highly experienced and knowledgeable GIS field technicians.

