

FULTON COUNTY, GEORGIA WATER AND WASTEWATER DEVELOPMENT PROGRAM

FULTON COUNTY, GEORGIA

Prime Engineering is performing or has performed five multi-year demand-services contracts on behalf of the Fulton County Department of Public Works. Under these contracts, Prime has completed 45 projects.

Highlights

- **Water and Sewer Lines:** Prime has designed and replaced over 30,000 lf of water and sewer transmission line including the following:
 - 36-Inch Transmission Main Relocation - Westside Pkwy./Old Milton Pkwy.
 - Sweet Apple Water Main
 - Crabapple 16/20-Inch Water Transmission Main
 - Shallowford Water Main
- **Big Creek Water Reclamation Facility Expansion Project Request for Proposal (RFP) Development:** Oversaw development of a Request for Proposal to expand an existing facility to 38-MGD capacity.
- **Chattahoochee III Pump Station Rehabilitation:** Prime's team helped Fulton County rehabilitate its 30-year-old Chattahoochee III pump station. Rehabilitation included replacing the pumps and electrical switchgear, addressing odor control equipment, and correcting flooding problems.
- **Game Creek Pump Station Rehabilitation:** Furnished manpower and technical expertise to review shop drawings and equipment submittals for the Game Creek Pump Station Rehabilitation project. Also redesigned the facility's roof to improved screening of equipment and facility aesthetics.
- **Marsh Creek Pump Station Rehabilitation:** Furnished engineering, structural, and architecture services for a new enclosure around Marsh Creek Pump Station. Designed a new odor control pad and system to replace the existing, underutilized one.
- **Arlington Cemetery Detention Ponds:** Topographic survey of two ponds and construction cost estimates, construction plans, permitting, bidding, and construction support for rehabilitation of the ponds.
- **Willeo Creek Smoke Testing:** Smoke tested the Willeo Creek outfall line and service lines (appr. 50,000 lf) to determine the cause of excessive infiltration during heavy rainfall events.
- **Sullivan Creek Pump Station Peer Review:** Prime was engaged by Fulton County to review construction plans to rehabilitate Sullivan Creek Pump Stations #1 through #4.

