

Athens-Clarke County Public Utilities Department
2020 Capital Improvements Element

Project
4-301

Project Name

Additional Storage

Project Description

Acquisition of a location as part of a new raw water storage facility. Project cost is anticipated net expenditure over the SDP planning horizon.

Project Category

System Expansion

Project Cost

\$15,000,000

Key Elements

1. Raw water storage facility acquisition

Project Name

Atlanta Highway Elevated Storage Tank and Booster Pump Station

Project Category

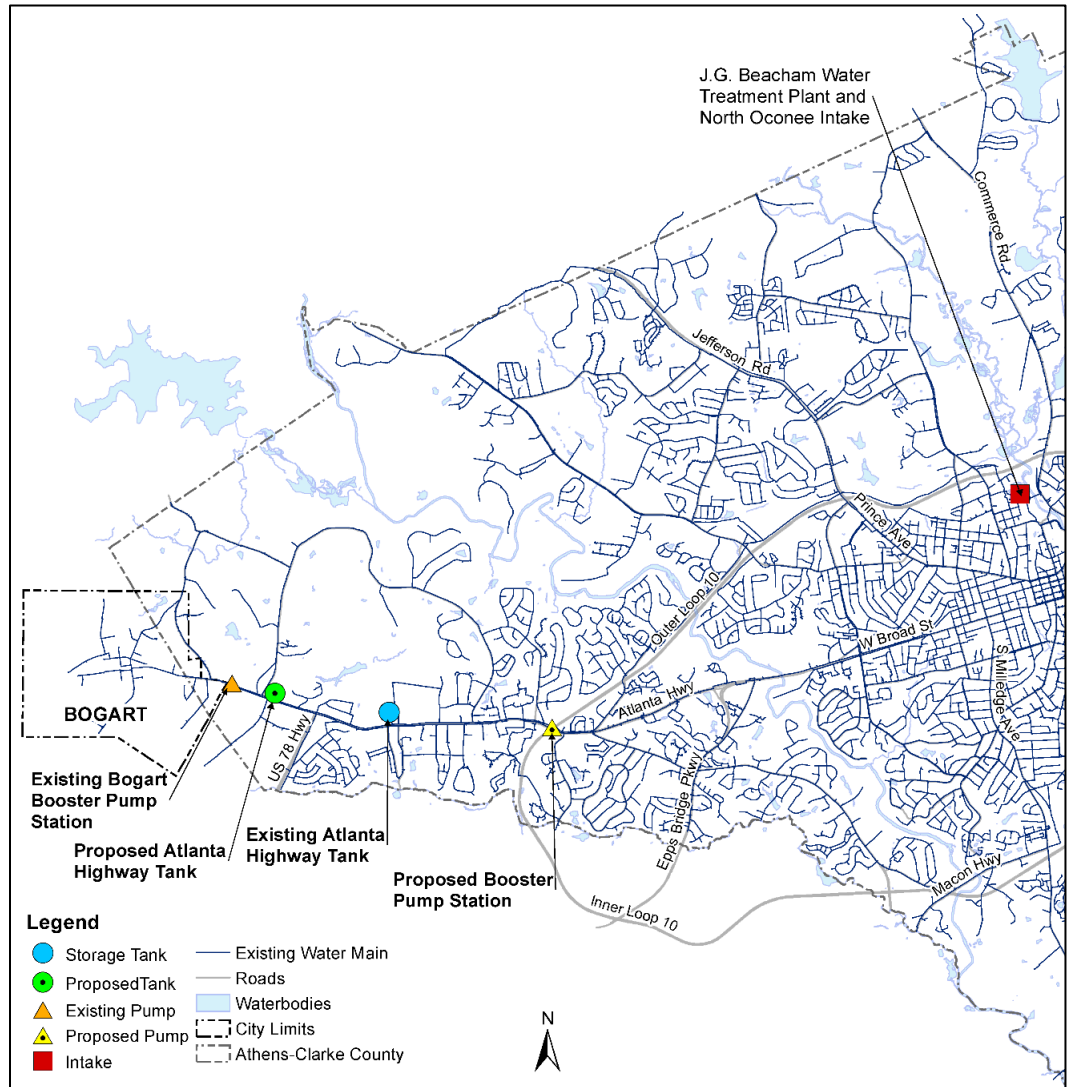
System Expansion

Project Cost

\$8,000,000

Key Elements

1. Replace existing elevated storage tank and booster pump station



Project Description

Demolish the existing 500,000-gallon elevated storage tank and booster pump station and replace with a larger elevated storage tank and a booster pump station to develop a high pressure zone in the western portion of Athens-Clarke County.

Project Name

Water Supply Resiliency and Reliability

Project Category

System Expansion

Project Cost

\$45,000,000

Key Elements

1. Raw water modeling
2. Storage facility intake design
3. Pump stations
4. Transmission piping
5. Ensure resilience and reliability of water supplies by connecting new storage facility to the J.G. Beacham Water Treatment Plant

Project Description

For future water storage facility, studies, design, construction, and services during construction as follows:

- Raw water modeling,
- Storage facility intake design,
- Pump station and raw water transmission from raw water sources to storage facility,
- Pump station and raw water transmission from raw water storage facility to J. G. Beacham WTP,
- Associated planning and permitting, and
- Land acquisition, including easements and fee simple purchase,

Raw water supply from Bear Creek Reservoir, Middle Oconee River, and North Oconee River will be evaluated as operational scenarios for PUD's raw water supply and storage.