High Service Pump Station

Water System Improvements

Easley Combined Utilities

Scope:

- Planning, preliminary design, final design, and construction services for the construction of a new 24-MGD High Service Pump Station.
- Project included new 4,200 square foot pre-engineered metal building with separate climate controlled electrical room.
- 24 MGD pumping capacity is achieved using four (4) 450 HP horizontal split case centrifugal pumps. Pump are driven using 4160 V reduced voltage starters.
- Pump station flow is monitored using an insertion a Marsh McBirney insertion type magmeter.
- A 5-ton overhead bridge crane is provided to assist in maintaining the pumps.
- Piping connections for a future 5 MG storage were provided.

The Project:	Preliminary Engineering Report Preliminary Design Field Location Survey Field Design Construction Services
Estimated Cost:	$1,500,000
Contract Value:	$1,460,000
Estimated Contract Time:	270 days
Contract Period:	316 days
Reason for Delay/Extension:	Contractor delays
Principal Contractor:	Langston Construction Company

WATER

DESIGN SOUTH PROFESSIONALS, INC.
engineers architects planners