



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.

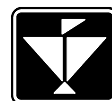
The Project: Preliminary Engineering Report
Preliminary Design
Field Location Survey
Field Design
Construction Services

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