



**CRISER
TROUTMAN
TANNER**

SOUTHPORT ELEVATED WATER TANK



Owner:

- ▶ Brunswick County

Location:

- ▶ Southport, North Carolina

Electrical Engineer:

- ▶ MCBH Engineers

Contractor:

- ▶ Phoenix Fabricators & Erectors

Cost:

- ▶ Approximately \$1,800,000

Project Highlights:

- ▶ Civil and structural services were provided.
- ▶ Connection to system directionally drilled.



CRISER • TROUTMAN • TANNER provided civil, structural, and electrical engineering services for this 1 Million gallon elevated water tank located in Southport, NC. Sitework design consisted of site grading, water line connection to the distribution system, design of the stormwater management system, and an erosion control plan. Over one mile of 16 inch waterline was installed on Doshier Cutoff Road, Highway 211, and Highway 87, including a 200 feet long directional drill. An altitude valve and telemetry was designed CTT provided permitting services for FAA, DENR Public Water, DENR Stormwater, County Planning, and DOT Encroachment. Construction administrative services were provided.