

Pump Station Replacement and Force Main Rehabilitation

Cape Fear Public Utility Authority was approved for a State Grant for the Pump Station Replacements and Force Main Rehabilitation Project. The project replaces six existing package pump stations (also referred to as Cantex Stations) that are over 30 years old and approaching the end of their useful service life as well as rehabilitate or replace the associated force mains, as necessary. The new pump stations were constructed adjacent to the existing sites. Once each new station was certified, the existing station was demolished, and the underground piping properly abandoned.

The contract was awarded to Wells Brothers Construction Co., Inc. with a duration of two years to complete. The work consisted of replacing each of the six stations with five submersible pump stations and one suction lift station. The project also included replacing or rehabbing the force mains.

The 6 locations are Westfield Independence Mall (PS 5), Newkirk Ave. (PS 6), Dawson St. (PS 13), Central Blvd. (PS 16), River Road (PS 21) and New Center Drive (PS 29).

All six stations are in operation and only have punch list items to complete. PS 29, which is located at the intersection of New Center Dr. and S. College Rd., was the last station to be put in operation and was partially certified in August of 2022. Contractor should complete all punch list items by the end of November and then the project will be closed out.

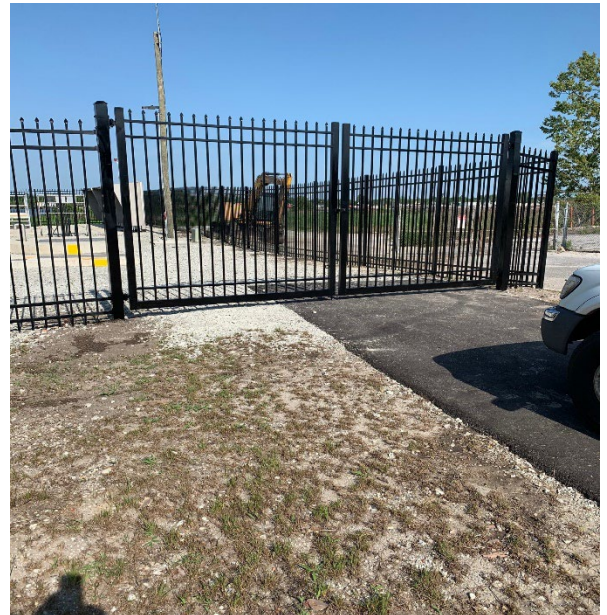


Figure 1: PUMP STATION 13 Dawson St. Extension.



Figure 2: PUMP STATION 5 Independence Mall