

## Pump Station Replacement and Force Main Rehabilitation

Cape Fear Public Utility Authority has been approved for State Grant for the Pump Station Replacements and Force Main Rehabilitation Project. The project replaces six existing package pump 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 will be constructed adjacent to the existing sites and includes the demolition of the existing stations.

The contract was awarded to Wells Brothers Construction Co., Inc. with a duration of two years to complete. The work will consist of replacing each of the six stations with five submersible pump stations and one suction lift station including 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).

Independence Mall (PS 5) and Newkirk Ave (PS 6) are completed. Central Boulevard (PS 16) is nearing completion and is online. There are only a few punch list items needed for final completion. Dawson Street (PS 13) is nearing completion with partial certification underway. River Road (PS 21) is under construction. The wet well, valve vault and electrical have been completed. Startup should be scheduled for the end of May or first part of June. Once completed, partial certification will follow. The only remaining station is New Center (PS 29). No construction has begun but is scheduled for June of 2021.



Figure 1: PUMP STATION 13 DAWSON STREET



Figure 2: PUMP STATION 21 RIVER ROAD.