

Lakefront Emergency Repairs

(W912P8-06-C-0104)

New Orleans, LA

Purnell Construction Company, LLC was awarded this project in February 2006 and completed it in December 2006. This project presented significant logistical challenges due to the amount of damage left by Hurricane Katrina and the subsequent lack of infrastructure. In addition, the USACE doubled the size of this project from \$2.0M to \$4.5M. Purnell managed these challenges successfully and completed the project within the specified contract time. This project was located in New Orleans East, beginning at Haynes and Downman Blvd. This area was highly publicized because of the damage it received from Hurricane Katrina. The heavy equipment was mobilized while initial surveys were being performed. Simultaneously, equipment operators began borrow pit development and clearing and grubbing work. As these initial work items progressed, workers began placement of levee embankment material in lifts of one foot. Each lift was placed horizontal to the levee and care was taken not to exceed one foot in height. This project required multiple crews to perform work at different locations to facilitate a pre-hurricane season completion date.



Vintage Drive Interim Projection Project (W912P8-06-C-0148) Metairie, LA

This project presented a unique scheduling challenge. After the bid was complete and awarded, the USACE notified Purnell that the contract time was revised from 120 days to a substantially more difficult contract time of 50 days. This required Purnell to amend the project schedule and revamp the labor and equipment methodology for this work. The USACE added two Modifications to this project; however, it was still completed within the contracted 50 days. Purnell Construction performed the surveying, seeding and fertilizing, embankment placement, scour protection, project management, quality control and site safety on this project with its own work force. Specialty subcontractors were used to drive the government furnished sheet piling. After being awarded, Purnell construction mobilized the project and performed initial surveys, clearing and grubbing, and floodwall tie-in work. When this preliminary work was completed, the subcontractor initiated the driving of the government sheet piling. Flowable fill was pumped into the installed sheet pile as a means of filling in any voids that may have occurred during pile driving operations. The pile driving equipment was removed and minor embankment work and concrete placement operations began. Seeding and fertilizing operations were the final tasks to be performed.



Emergency Repairs Reach C Project

(W912P8-06-C-0029)

Point a la Hache, LA

Purnell Construction utilized local vendors, suppliers, personnel, and subcontractors to reconstruct the 1,500 linear feet of damaged levee. In unison with initial project tasks being performed, armor stone orders were being shipped from a USACE approved rock quarry to the project location for placement. This project presented many logistical challenges. Perhaps the most difficult challenge was simply locating and acquiring the necessary personnel, equipment, and supplies needed to build the project. The damage and subsequent reconstruction work created by Hurricane Katrina's devastation presented a limited supply of all resources needed to complete this project in the allotted timeframe. The armor stone was miscalculated due to the unique catastrophic damage brought on by Hurricanes Katrina and Rita; as a result, additional armor stone was needed. Purnell relied on 20+ years of successful USACE construction experience and Purnell's industry contacts to obtain each item.

