

Entergy Louisiana

QUIKRETE® 5000 Concrete Mix
Southeast Louisiana, LA



PROJECT DESCRIPTION:

Entergy Louisiana provides electric service to more than one million customers in 58 parishes (communities). The 20-mile stretch of service between Madisonville and Ponchatoula in Southeast Louisiana has been delivered across a system of electricity poles constructed in the 1960s. Located in dense, dangerous swampland, Highlines Construction used QUIKRETE® 5000 Concrete Mix because of its high-early strength gain to replace the network of 114 electricity poles battered by years of weather.

The aquatic environment required the assistance of airboats, helicopters, floating cranes and barges to deliver, stage and place all materials. There were multiple steps to erect each 110-foot tall electricity pole. First, a steel casing was driven 60-feet into the ground. Second, six feet of the electricity pole was inserted six-feet into the steel casing. Finally, more than 2,000 pounds of QUIKRETE® 5000 Concrete Mix was poured around the joint between the electricity pole and steel casing for strength. On the success of this project, Entergy LLC is replicating the process in other service areas.

QUIKRETE® 5000 is a commercial grade blend of stone or gravel, sand and cement for any concrete use requiring high early strength gains including cold weather applications. It has a walk-on time of 10 - 12 hours and can be used for any application requiring concrete in a minimum thickness of 2" (51mm) like slabs, footings, steps, columns, walls and patios.

CONTRACTOR:

Highlines Construction

QUIKRETE® PRODUCTS:

- 80 lb QUIKRETE® 5000:
4,788 bags

PROJECT START DATE:

November 2014

PROJECT COMPLETION DATE:

March 2015

QUIKRETE® 5000
Concrete Mix >>

