



BLOSKI AVENUE EXTENSION NAVAL AIR STATION, JOINT RESERVE BASE

Project No. 2010-16

Location: Belle Chasse, LA

Contract Value: \$1,800,000

Completion Date: July 2011

Owner/POC:

Naval Facilities Engineering Command
South East / Henry Camburn /
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Project Highlights

- Design-Build of access roadway.
- Value Engineering realized savings of \$800,000
- Received CMAA Project Excellence Award - "Best Infrastructure Project under \$10 Million"
- Site design and construction roadway, storm water drainage, sidewalks, lighting, signage, and landscaping

The United States Navy – Naval Facilities Engineering Command South East (NAV-FAC), has contracted Royal to construct a new asphalt roadway to serve personnel aboard the Naval facility. Bloski Avenue Extension, brings the current existing roadway 1300 feet across an area which was the former base golf course, to tie into Rinard Avenue.

Royal began this project by estimating the total cost of construction, and then performing value engineering for the project. Royal's value engineering efforts reduced the total project price by approximately \$800,000, and reduced the project's duration by 50 days. Royal's end result was a superior roadway design, with improved solar LED street lighting that could be put into service quickly, with a greatly reduced price tag.

As the prime contractor, Royal was able to provide direct project oversight and supervision to ensure the highest quality product to NAVFAC. The project consisted of clearing and grubbing of the entire worksite, installation and maintenance of temporary vehicle access, environmental controls, and general site conditions. Royal conducted cut and fill operations, installed storm water drainage, offset conflicting utilities, and placed and compacted road base prior

to placement of asphalt paving. Final site work included construction of 1300' of concrete sidewalk, installation of 15 solar LED streetlights, pavement striping, installation of traffic signage, and seeding, sodding and landscaping of entire project site.

The project also included development of a Storm Water Pollution Prevention Plan (SWPPP), Environmental Protection Plan (EPP), Health & Safety Plan (HASP), and Accident Prevention Plan (APP).

Royal Engineering staffed the project with a Project Manager, Superintendent, and Project QC/Safety Manager that were highly qualified and experienced; all capable of successfully maintaining an accelerated project schedule and always in control of their duties. The manning of these positions remained constant with no personnel changes for the duration of the contract. The quality of Royal Engineering's workmanship was superior and met, but often exceeded, contract requirements; Use of specified materials used by Royal Engineering also met or exceeded specifications. They were always well prepared, all preparatory work including pre-test is done prior to notifying the NAVFAC Engineering Tech, efficient with time, provides proper advanced notice of test schedules. Royal Engineering's product quality is exceptional in every detail, over the entire project site.

- Michael Scorsone, FEAD CM, U.S. Navy