

PROJECT SUMMARY

Project Name:
Riviera Beach Marina District South

Owner: City of Riviera Beach - Community
Redevelopment Association (CRA)

Client: Song + Associates, Inc. / Calvin Giordano & Associates

Project Information:

Location: Palm Beach County, FL
Dates: Aug2013-Nov2013

Client Contact:

Mr. Mark Clary (AIA)
Song + Associates, Inc.
Phone: 561-655-2423

The Marina District South Project, located in Riviera Beach, Florida, includes the construction of a Bicentennial Park, a Boardwalk Promenade, new streets and sidewalks, extensive utility improvements, surface parking for up to 700 vehicles, 5 feet of site fill, a seawall/retaining wall along the docks, and the construction of a new Marina Events Center consisting of a 25,000-square foot, two and three-story building. The new development will involve the removal of all of the existing structures, and sequencing of construction to redevelop the Marina area.



RADISE was involved from the beginning of the project and provided Geotechnical Engineering and Environmental Services including laboratory testing at RADISE's lab. Consulting included standard penetration test (SPT) borings, auger borings, asphalt pavement coring and assessment, field permeability testing and open-hole exfiltration tests.

Geotechnical laboratory testing of soil samples included performing moisture content testing, organic contents, mechanical grain size analysis, Atterberg limits, and corrosivity testing.

Prepared a Geotechnical Report to include foundation design and construction recommendations for the entire development to include the new Marina Events Center, all pavilion and park structures, tank structure relocations, parking, utilities, roadway improvements and retaining walls.

RADISE was also involved with providing oversight and review of multiple ESA I's, ESA II's, environmental drilling, asbestos and lead paint surveys for the numerous structures on-site.

PROJECT ELEMENTS

- Construction of a Bicentennial Park, a Boardwalk Promenade, New Streets and Sidewalks
- Extensive Utility Improvements
- Underground Tank Relocations
- Removal and Replacement of the existing Marina Structure and Restaurants
- Surface Parking for up to 700 Vehicles
- Construction of a new Marina Events Center, an approximate 25,000 S.F., two and three-story building

RADISE ROLES:

GEOTECHNICAL ENGINEERING – Field Exploration/Testing and Laboratory Testing

- SPT Borings
- Auger Borings
- Double Ring Infiltrometer Tests
- Organic Content
- Sieve 200 Tests
- Mechanical Grain Size Analysis

ENVIRONMENTAL CONSULTING – Oversight and Review

- Multiple ESA I's and ESA II's
- Multiple Asbestos and Lead Surveys
- Environmental Borings
- Environmental Laboratory Testing