

# CHRISTENSON'S LANDING BOAT RAMP

Client: Brevard County Parks & Recreation



Coastal Tech developed a boat ramp facility for Brevard County Parks and Recreation. This facility includes four (4) boat ramps, six (6) fixed wood docks, a floating dock, fifty (50) parking spaces, and restroom facilities. Coastal Tech assisted Brevard County Parks & Recreation Department in locating an appropriate site for this facility and provided support by attending several public meetings and addressing concerns of many stakeholders.

Once the site was chosen, Coastal Tech conducted multiple site studies such as, resource surveys for the seagrass and wetlands, geotechnical investigations, and hydrographic study. These studies were used to assist Coastal Tech in develop a mitigation plan which included shoreline rehabilitation and removal of muck from the Indian River Lagoon bottom to promote seagrass recruitment. In 2008, Coastal Tech obtained the necessary permits from the U.S. Army Corps of Engineers (USACE) and St. Johns River Water Management District (SJRWMD) approval.



Coastal Tech's design responsibilities included: marine structures; shoreline rehabilitation; dredging, navigational channel markers; stormwater plan; paving, grading, and drainage plan, FDOT ROW turn lanes, landscape architecture, and other miscellaneous civil works. Coastal Tech was responsible for construction

administration of three different construction contracts to complete the work.

## Key Elements

- ☉ Surveys
- ☉ Conceptual Planning
- ☉ Hydrographic Study
- ☉ Geotechnical Investigations
- ☉ Dredging Design
- ☉ Submerged Aquatic Vegetation (SAV) Survey
- ☉ Mitigation Plan
- ☉ Public Meetings
- ☉ Preliminary & Final Design
- ☉ Permitting
- ☉ Construction Administration

**Date:** 2010

**Fees:** \$480,265.

## Contact:

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**Brevard County Parks & Recreation**

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*Enhancing Coastal Life.*