

Pinetree Park Shoreline, Florida



marine environmental

Coastal Systems completed a feasibility study to evaluate opportunities for mangrove wetland habitat improvements and recreational water access enhancement along the Pinetree Park shoreline on Indian Creek. Initial field investigations were conducted including topographic and hydrographic surveys as well as marine resource and wetland/terrestrial vegetation mapping. Concepts were prepared for the City of Miami Beach (City) to review that included lagoons, mangrove planters and kayak launching areas. The City selected a single kayak launching area option that includes exotic vegetation removal to promote native vegetation growth along the shoreline.

Coastal Systems designed a kayak launching area with a unique vinyl sheet pile bulkhead system that incorporates an architectural fascia. The ramp was designed with a georunner mat and a pathmat ramp is provided for ADA access to the launching area. Environmental permits were obtained from the U.S. Army Corps of Engineers (Corps), Florida Department of Environmental Protection (DEP), and Miami-Dade County Department of Environmental Resource Management (DERM). In addition, Coastal Systems assisted the City in securing funding for the Project from the Florida Inland Navigation District (FIND). Construction plans were prepared for the City to bid the project and construction administration provided.

Client:	City of Miami Beach
Location:	Miami Beach, Florida
Date of Completion:	2012
Construction Cost:	\$155,000



Kayak Launch Ramp Access



Shoreline Improvements and Kayal Launch Ramp

