

SOUTH CRANE CREEK BOARDWALK & FOOT BRIDGES

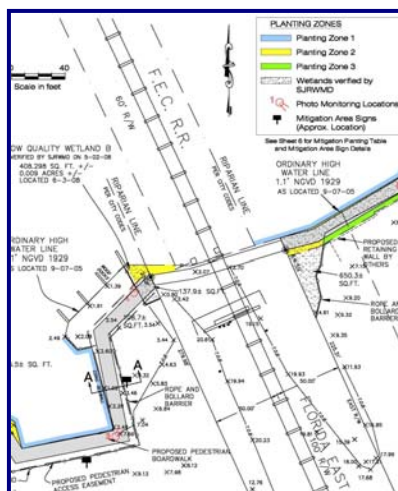
Client: Towne Hynes of Crane Creek, LLC



The South Crane Creek project, located adjacent to U.S. Highway 1 (S. Harbor City Blvd) and fronting Crane Creek in Melbourne, is managed by the City of Melbourne via an agreement with the upland medical facility developer. There is an existing public park on the

north shore of Crane Creek and the project is part of revitalization efforts for downtown Melbourne. Coastal Tech was contracted by the upland developer for environmental permitting services for pedestrian boardwalk along the south shore of Crane Creek and two pedestrian bridges to link the existing north shore public park to the south shoreline boardwalk. The boardwalks and bridges meet all Americans with Disabilities requirements and are handicap-accessible. There are existing parking areas that serve the north shore public park which is heavily used by the city for various street festivals and other public recreational events.

As part of the permitting process, Coastal Tech conducted a wetland delineation and seagrass survey within the project footprint and a Uniform Mitigation Assessment Method (UMAM) analysis based on those environmental investigations. Coastal Tech also designed a shoreline wetland mitigation plan to offset impacts to the existing wetlands from the proposed boardwalk and bridge landings and collaborated with St. Johns River Water Management District to finalize that plan. During the permitting process, various stakeholders were engaged to ensure that the design of the bridges would not impede navigation of the shallow water body, particularly for the local university and high school rowing teams. As such, bridge pilings were reconfigured to best suit their training routes. Additionally, permission from the FEC and FDOT was obtained to allow the pedestrian bridges within their right-of-ways. A Categorical Exclusion was prepared for NEPA compliance and a permit was obtained from the U.S. Coast Guard.



Key Elements

- Planning/Public Information
- Permitting
- Environmental Impact Assessment/Studies
- Mitigation Services
- Plant & Wildlife Inventories
- Wetland Restoration

Date: 2007 - 2009

Cost: \$ 2M

Fees: \$ 63,500.

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