

Frederiksted, St. Croix

civil engineering



Coastal Systems International, Inc. was retained by the Public Finance Authority of the U.S. Virgin Islands to assist in the revitalization of the Frederiksted Waterfront in St. Croix. Extensive field investigations were conducted to map the areas and a design charrette was held in Frederiksted to develop concepts for a waterfront park, beach, cruise pier, and other site improvements. Teams of land planners, engineers, and landscape architects met with local interest groups to develop conceptual plans for the redevelopment of the area.

Environmental regulatory permits were secured through the Coastal Zone Management (CZM) Agency of the USVI. Construction plans were developed and the Coastal Systems Development completed Phase I of the project as a design-build approach. The project consisted of the reconstruction of the waterfront park and maintaining the historical facade representative of St. Croix's heritage. Natural stonework was used throughout the project to preserve the local architecture. The lush landscaping typical of Caribbean destinations was restored to the park, making it an attractive and inviting site to both visitors and local residents.

Site civil work consisted of new utilities and stormwater management system for the cruise pier, waterfront park and the redevelopment of the adjacent street. The new street (Strand Street) is located adjacent to the ocean and at the foot of a mountain. The stormwater collection system was designed to collect and treat the runoff with control structures and outfall pipes. New utilities were also designed along with underground electrical service lighting and irrigation. Structural improvements including fill were completed on the cruise-ship pier, along with a new port security facility.



Eliza McBean Clock Tower



Ann E. Abramson Marine Facility



Verne I. Richard's Veteran's Park

Client:	Virgin Islands Public Finance Authority
Location:	Frederiksted, St. Croix
Date of Completion:	2006
Construction Cost:	\$10M

