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# Revitalization of William & Mollie Rogers Waterfront at Vanderbilt Museum



**Client/Owner:** Suffolk County Dept. of Public Works

**Project Location:** Centerport, NY

GPI is providing design and construction support services for the revitalization of the William and Mollie Rogers Waterfront at the Vanderbilt Museum in Centerport, New York. The project involves providing a boardwalk and overlooks along the shoreline to give museum visitors a convenient access to views of the harbor and the general shoreline environment. The walk will connect the renovated boathouse and seaplane hanger that are original Vanderbilt estate structures.

Key to the successful completion of the project is adapting the design and subsequent construction procedures to address the very steep slopes of the shoreline. GPI designers and structural engineers employed a lightweight helical pile system to support the boardwalk and gazebos at the overlook locations. This approach also allows for a segmental construction process that minimizes the need for site disturbance and tree clearing, which was a key requirement of the Suffolk County Dept. of Public Works and Committee on Environmental Quality.

In addition to the boardwalk, a woodland path is being designed to connect the seaplane hanger area and the planetarium portion of the museum. A switchback alignment, perron steps, retaining structures, and railings were all employed to provide a passable trail along the slopes in this area.