



WINNER OF TWO
PRESIDENTIAL
AWARDS FOR
DESIGN
EXCELLENCE

PRESS RELEASE

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Maguire Group's Oak Bluffs Ferry Terminal Expansion Project Cited for American Council of Engineering Companies (ACEC)/Massachusetts *Excellence in Engineering Award*

Foxborough, MA – Continuing to exceed client expectations – before, during, and *after* projects – Maguire Group announces its Ferry Terminal expansion/reconstruction project on Martha's Vineyard for the Steamship Authority (SSA) was cited with a Silver ACEC/MA excellence award.

The Oak Bluffs project, completed in the spring of 2010, was undertaken by the SSA in phases over three off-seasons in order to keep service disruptions to a minimum. The new facility includes a reoriented ferry berth for enhanced protection from wind/wave forces, a longer transfer bridge, new berthing dolphins/fenders, new vehicle-staging area, handicapped-accessible pedestrian walkway, and Terminal Building improvements including restrooms. The pavilion and 240-ft-long walkway were constructed using sustainable heavy timber truss framing composed of Port Orford Cedar (POC). The wooden terminal structure was designed to withstand hurricane force winds. All marine structures are supported by SPIN FIN® piles, an innovative variation of traditional steel-pipe piles. Special permits were also required, as the terminal and pier are in a flood plain. The new "gateway" to Oak Bluffs took 13 years to plan/design and approximately three years to build and the Steamship Authority (SSA) officially opened the new \$18.5-million Terminal in May 2010.

SSA Board of Governor representative Marc Hanover, who cut the opening ceremony ribbon in May, noted that it was a "true accomplishment for the Island and for Oak Bluffs," and a testament to the SSA and its contractors that the facility was completed on schedule (budget had varied over time given the evolving design but was met). The project's design offers maximum flexibility for changes in vessel design, size and configuration over terminal design life of 50 years.

Under the leadership of the SSA, Maguire served as project manager and lead engineer, responsible for permitting assistance; design of major project elements (terminal building/associated facilities, pedestrian walkways, transfer bridge, expansion of existing pier structures); wave protection studies; and engineering associated with pier fenders and new slip dolphins. Maguire also directed activities of the project team that included the Cecil Group, Childs Engineering, PND Engineers, Geoscience Testing & Research, CRC Construction, RDA Construction, Nauset Construction, South County Post & Beam, and Greg Hines.

The ACEC/MA *Excellence in Engineering Awards* competition recognizes engineering achievements that demonstrate the highest degree of innovation, achievement, and value. Maguire Group's Iway project on behalf of the Rhode Island Department of Transportation was awarded the ACEC/MA Grand Concourse Award (first prize) in 2010.