

# GREAT RIVER PUBLIC ACCESS FACILITY

Town of Mashpee, MA

Coastal Engineering Co. (CEC) was retained by the Town of Mashpee to provide professional engineering and environmental permitting services for replacement of the existing very popular single-wide boat ramp with a double-wide boat ramp to better serve the boating community. The existing 16'-wide concrete boat ramp and adjacent floating dock were designed to be replaced with a 40'-wide concrete boat ramp that includes an 8'-wide floating dock down the middle of the ramp to provide ADA-accessible access to the ramp from both sides of the dock. This boat ramp expansion project is located in an extremely sensitive environmental resource area which required an extensive level of environmental permitting at the local, state, and federal levels. Following the preparation and submittal of a MEPA filing, the proposed project was fortunately determined to not require the filing of an Environmental Impact Report. CEC completed the final design of the facility and then assisted the Town with construction bid administration. The boat ramp project was constructed during the 2017/2018 winter construction period.

Another component of this project included the engineering design and environmental permitting for the enlargement and reconstruction of the existing parking area located adjacent to the boat ramp site, necessitated by heavy public use of the facility. This design and permitting work included the introduction of a comprehensive infiltrative stormwater runoff collection system into the site access road and parking area to substantially reduce the existing overland flows down the boat ramp and into Great River. This portion of the project was constructed during the 2014/2015 winter construction season.

## SERVICES

- Data accumulation, including topographic and hydrographic surveys at the site
- Engineering design for boat ramp, pier, parking area, and stormwater runoff facility
- Permitting for Notice of Intent with the Conservation Commission and DEP, Chapter 91 License, Army Corps of Engineers permit

