

Menemsha Commercial Dock Replacement Project Chilmark, MA

Tim Carroll, Town Administrator
Ryan Rossi, Harbor Master
Peter Neilley, Climate Working Group

Problem Statement

- Docks increasingly flood during spring & storm tides; expected to occur every 5 ½ days by 2050.
- Flooding threatens Menemsha Harbor sustainability, the cornerstone of Menemsha Village and Town of Chilmark
- SEC-funded Phase 1 assessment concluded remaining dock/bulkhead life is only about 10 years, even with urgent short-term repairs.



Menemsha Comm. Docks: Nov 29, 2019

Scott McDowell



Aerial view Menemsha Harbor and Village

Google Maps

Menemsha Harbor

- Economic and cultural center of Chilmark.
- Iconic fishing village and tourist destination.
- Home to 22 commercial fishing boats; free dockage by town.
- Over 1000 transient boats; 42 permanent resident boats.
- Three wholesale and retail fish markets; Numerous restaurants and retail businesses
- Home to U.S. Coast Guard Station Menemsha

Overall Project Plan

- **Phase 1: Assessment (Completed)**
 - *Critical repairs identified currently being undertaken by the Town.*
 - *Bulkhead and dock have about 10 years remaining life.*
 - *Expensive repairs could extend life by 5 years; Full replacement recommended.*
- **Phase 2: Design**
 - *Gather requirements & inputs from community stakeholders.*
 - *Develop design options review*
 - *Review / select option(s)*
 - *Cost & Implementation plan*
- **Phase 3: Engineering and permitting**
- **Phase 4: Construction**

**Current grant request limited to this phase*

Project Support

- Consistent with Chilmark Master Plans, Chilmark Climate Adaptation report, and other regional reports
- Dock vulnerability identified in Chilmark MVP
- Partnership with the MVC
- Ryan Rossi: Harbor Master, Project Manager



Example of visual corrosion to dock bulkhead

Phase 2 Funding

- Est. Cost: \$220K (+in-kind labor from Town*)
- Requested grant: \$176K
- Town matching funds: \$44K (20%)

**Not incl. in cost estimates*