

Date: April 10, 2019

To: John Grande, Tisbury Town Administrator

From: John Ramsey

Subject: Progress Update for Tisbury

Task	Scheduled	Completed
Task 1a. Kick-off Meeting	09/15/2019	100%
Task 1b. Site-specific Analysis of Coastal	09/01/2019	
Flooding	to	100%
	02/28/2020	
Task 2. Quantitative Analysis of Coastal	10/01/2019	
Change and Sediment Transport	to	100%
Processes	03/15/2020	
Task 3. Initial Engineering Analysis to	01/01/2020	
Screen Alternatives	to	70%
	04/30/2020	
Task 4a. Working Session #1	04/15/2020	0%
Task 4b. Prioritize Shore and Flood	01/01/2020	
Protection Strategies	to	40%
	04/30/2020	
Task 4. Working Session #2	05/31/2020	0%
Task 6: Draft Report	05/01/2020	
	to	15%
	06/01/2020	
Task 7: Final Report	06/15/2020	
	to	0%
	06/30/2020	

To best provide the Town of Tisbury with mitigation measures and protection strategies, Applied Coastal (AC) considered the major vulnerabilities the Town faces. AC consulted the recent Municipal Vulnerability Program study in selecting these major vulnerabilities, which include:

- Flooding (With Additional Sea Level Rise)
- Shoreline Change
- Storm Damage to Downtown Infrastructure

Applied Coastal then considered options to address each of these vulnerabilities. Most of these alternatives will mitigate for multiple vulnerabilities. The alternatives considered include:

- Elevate low-lying sections of Lagoon Pond Road
- Elevate Beach Road to extent practicable
- Address potential flooding through tidal culverts
- Install dune/nourishment along waterfront from Steamship Authority to Packer Facility, as well as north of Steamship Authority
- Elevate low-lying buildings
- Elevate Owen Park parking lot
- Extend Eastville Jetty
- Extend Vineyard Haven Harbor Breakwater

Some of these alternatives were included in Figure 1 to provide a sense of location and scale. Applied Coastal will continue to optimize alternatives and select a set of preferred alternatives that minimize impact and best mitigate vulnerabilities. Results from this alternatives analysis and optimization will be used moving forward as Applied Coastal prepares a report for the Town. Due to ongoing social distancing concerns, it is anticipated that public meetings related to the project will be delayed until June or July.

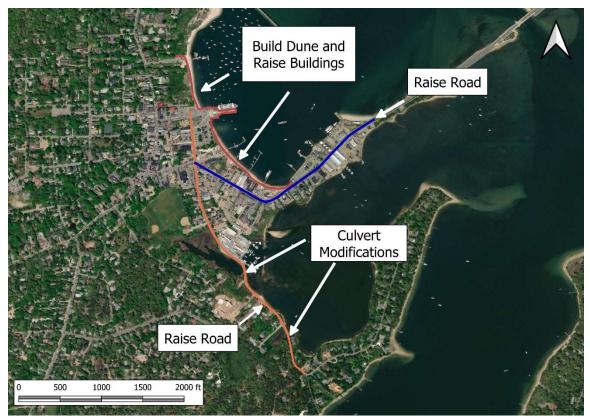


Figure 1 Location of several considered mitigation measures for Vineyard Haven Harbor.