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**Date:** December 15, 2020

**To:** John Grande and John Crocker

**From:** John Ramsey

**Subject:** Progress Update for Tisbury

Task	Scheduled	Completed
Task 1. Kick-off Meeting	09/30/2020	100%
Task 2.1. Elevation Survey to Confirm Specific Site Features and Elevations	10/30/2020 to 04/15/2021	100%
Task 2.2. Feasibility Assessment to evaluate the design elements to determine any "weak points" that could compromise the overall flood mitigation efforts	10/30/2020 to 04/15/2021	10%
Task 3. Site-Specific Conceptual Design for Dune/Beach Nourishment	04/15/2021 to 04/30/2021	0%
Task 4. Site-Specific Conceptual Design for Increasing the Elevation of Lagoon Pond Road	04/15/2021 to 04/30/2021	0%
Task 5: Site-Specific Conceptual Design for Increasing the Elevation of Lagoon Pond Road	04/15/2021 to 04/30/2021	0%
Task 6: Public Outreach and Pre-Application Meeting	05/15/2021 to 06/30/2021	0%

Following the kickoff meeting held with the Town of Tisbury, MA Coastal Zone Management (CZM), and Applied Coastal on September 30, 2020, Applied Coastal developed a survey plan to record spot elevations in downtown Vineyard Haven. The spot elevations that were included in the survey (Figure 1), were determined to be either potential storm tide pathway locations or critical infrastructure. These elevation data will be used to compliment LiDAR topography and bathymetry to provide some basic insight into what portions of town are most at risk for certain flood elevations. A more recent LiDAR dataset (2018) was released over the summer of 2020 for the region (Figure 2). Moving forward, the updated elevation will be included in modeling efforts to assist with site-specific conceptual design.

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Figure 1 Map of downtown Tisbury with surveyed points from the 10/22/2020 survey marked with a red dot. The survey will help identify storm tide pathways that can be mitigated for with the site specific conceptual designs.



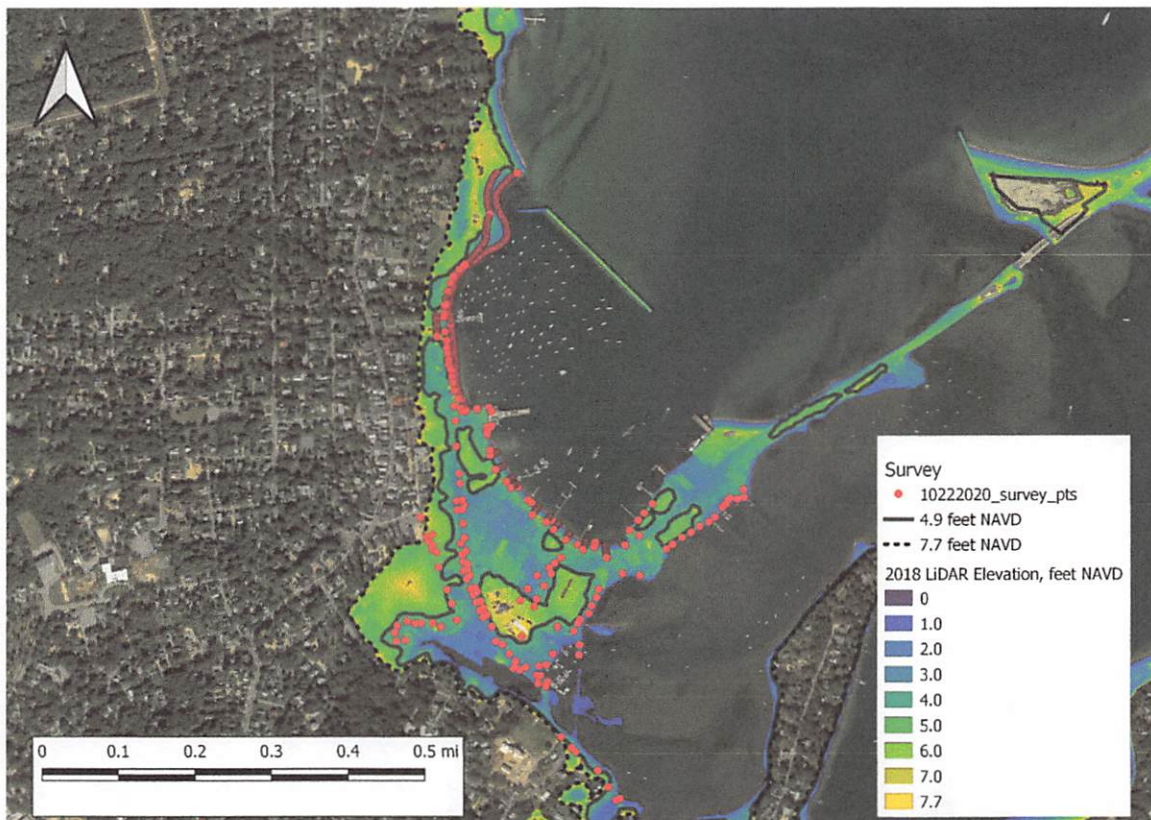


Figure 2 Map of downtown Tisbury overlaid with 2018 LiDAR data and the surveyed spot elevations.