

NANTUCKET TOWN ASSOCIATION MEETING

January 24, 2023, at 4:00 pm Meeting held by Zoom conferencing

FINAL AND APPROVED MINUTES

Attendance (Participants as noted by Zoom): Trish Bridier, Mary Anne Easley, Sarah Ellis, Leah Hill, Mary Longacre, Vincent Murphy, Gail Norton, Lee Saperstein, Bill Seay, Anne Terry, Henry Terry, Charley Walters, and Paula Williams.

Guests: Leah Hill and Vincent Murphy, Department of Natural Resources.

Thanks to the Atheneum, Samantha Aguiar, for hosting the meeting. which was recorded and the link to YouTube is included here: <u>https://youtu.be/tliRe8xOC5s</u>.

I. Call the January 24, 2023, Nantucket Town Association Annual Meeting to Order.

President Henry Terry called the meeting to order at 4:01 pm. He announced that the meeting is being recorded and those who could not attend are welcome to use the above link to watch the recording. He also announced that, to avoid conflicts with the Open Meeting Law, there would be no discussion of the Nantucket Town small area plan because members of that working group are in attendance at today's meeting and no agenda for it has been posted.

II. Approval of minutes of the Meeting of November 15, 2022.

Henry Terry asked for approval of the minutes of the meeting of November 15, 2022; Trish Bridier moved approval of the minutes, Mary Anne Easley seconded them, and the vote to approve was unanimous.

III. Treasurer's Report.

Mary Longacre, Treasurer, gave the Treasurer's report, attached. There were dues payments of \$245.00 and expenses for a PayPal fee of \$3.08 and a \$15.00 State filing fee, which made a new balance of \$4,250.32. She noted that the Association's dues to the Nantucket Civic League are due. Inasmuch as they are based on the dues-paying membership of the Town Association, she asked Mary Anne Easley to provide her with that number. A motion to approve was made by

Trish Bridier, seconded by Bill Seay, and approved unanimously.

IV. Guest Speaker, Vincent Murphy, Sustainability Programs Manager.

Henry Terry suggested that the agenda be amended to allow the guest speaker to go ahead of the business items. The change was approved by acclamation. He then introduced Vincent Murphy, Sustainability Programs Manager, to speak on the impacts to Nantucket and, particularly, the Town Area from rising sea levels.

Vince Murphy noted that his three children were born on Nantucket and that his experience as Coastal Resilience Coordinator gave him almost as much pleasure as they do. Before he began his talk, he said that he is available to speak with anyone about sea-level rise and coastal resilience and he can be reached at <u>vmurphy@nantucket-ma.gov</u>. He also introduced Leah Hill, currently a biologist with the Department of Natural Resources, who will become the Coastal Resilience Coordinator while he becomes Manager of Sustainability Programs. Items included in his talk come from the Coastal Resilience Plan, CRP, that can be found in the Sustainability web pages under the Government tab for the Natural Resources Department: https://www.nantucket-ma.gov/130/Natural-Resources. If one does not wish to burrow down into the menu, the relevant pages are located at https://www.nantucket-ma.gov/1129/Sustainability. From this page, one chooses "Community Resilience Planning and then the CRP itself: https://nantucket-ma.gov/2030/Coastal-Resilience-Plan.

His talk on "Coastal Resilience in Downtown Nantucket" was accompanied by a sequence of very informative slides, which are appended to these minutes. He explained that a lot of material in his talk comes directly from the CRP. Interested association members may wish to open the CRP and also view the video because, inasmuch as he shared his screen, one can hear his talk while reading the slides.

He began with a review of projections for sea-level rise by 2070 and that, while we may hope for the best, we need to plan for the worst. For sea-level, this means a rise of over six feet (see page 8 of these minutes). In addition to data from NOAA and FEMA, he likes the Massachusetts Coast Flood Risk Model, MC-FRM, for its accuracy and detail (https://resilientma-mapcenter-mass-eoeea.hub.arcgis.com/maps/Mass-EOEEA::massachusetts-coast-flood-risk-model-mc-frm-0-1-annual-exceedance-probability-/about). His slides show the progressive inundation over the decades in the forecast. A risk analysis projected the number of structures in the downtown area, private and public, that would be at risk (pages 17 and 18) from flooding. Their aggregate value is 3.4 billion dollars and they contain the bulk of Nantucket's historic structures. He then turned to solutions that are feasible (starting on page 19) and showed by means of a chart (page 26) that there would be real expenses, in the order of 900 million dollars that could save the identified structures, which is a 250 percent return on investment. He spent time on a Downtown Neighborhood Flood Barrier and on developing Steamboat Wharf Resilience (page 27).

He willingly took questions from attendees. Mary Longacre, who chairs the Coastal Resilience Advisory Committee, asked if the figure for loss was only for the value of the structures or did it include lost opportunity income. Only the structures, he replied. Lee Saperstein asked if the chart on page 28 had links to pages with more detail for each line. Certainly, was the answer; the detail can be found in the CRP. He noted that a grant for which they had applied and been denied was to be resubmitted to the State. The State encouraged Nantucket to re-apply and gave advice on how to improve the application. He hopes that the Nantucket Town Association would write a letter of support for this application, which will be produced in the spring. Mary Longacre proposed that the Association approve this letter now and authorize Henry Terry to write it. Anne Terry seconded the motion and it was approved unanimously.

Mary Anne Easley said that the material in this presentation was very germane to the Town Area Plan Work Group and that Vince Murphy should be invited to present it at one of the Work Group's meetings. Lee Saperstein suggested that Vince Murphy do more than repeat his presentation but act also as a reviewer of the draft report. He said that he would be happy to do so. Mary Anne Easley commented that all of the projects would need to be approved at Annual Town Meeting, ATM, which was a daunting thought. Vince Murphy noted that the ATM had already approved funds for planning projects. Paula Williams asked how far up Main Street would the water go in the worst-case scenario for 2070. Between Federal and Union Street was the reply, which was demonstrated on a MC-FRM map.

Henry Terry spoke for the association members when he thanked Vince Murphy for his extensive report.

V. Old Business.

Henry Terry reminded the members that the question of a dues increase would be taken up at this meeting. He asked Mary Longacre how much of a dues payment made through PayPal would be charged as a fee. Three percent was the answer and, going back to the Treasurer's Report, PayPal payments were only one quarter of the total dues paid and cost just over three dollars. Future use of the utility may increase but that is not predictable at this time. Also, she said that the dues fee for 2023 was already in place on the Association's web site so that any rise would not be effective until 2024. Henry Terry suggested that we defer any action on a dues increase until the Treasurer has enough information to make a formal motion.

VI. New Business.

Henry Terry said that the Association had made charitable donations in previous years and asked if we should do so again. Paula Williams moved that a donation to the Atheneum of five hundred dollars was in order because of their support for meetings. Trish Bridier seconded and the motion was approved unanimously. Mary Longacre spoke in favor of a donation to the Nantucket Food-Fuel-Rental Assistance program and suggested that it be three hundred dollars as it had been in the past. Mary Anne Easley and Trish Bridier both offered to second it. Sarah Ellis spoke about programs at St Paul's Church, including 'Laundry Love', Mary Longacre noted that additional information on the programs can be found on their website: http://stpaulschurchnantucket.org/serve/in-the-community/. There was one vote in opposition but an overwhelming majority approved the donation.

VII. Other Business.

Henry Terry mentioned that the Nantucket Lights proposed warrant article would be reviewed by the Finance Committee on January 26th. The proposed fire-pit ban was mentioned.

VIII. Adjournment.

The meeting was adjourned at 4:57 pm by motion from Paula Williams, seconded by Trish Bridier, and approved unanimously.

*Next meeting is February 28, 2023, and will be via Zoom unless a decision to hold an inperson meeting is made; more information will be forthcoming with the next agenda; if one uses Zoom, the address is <u>https://us02web.zoom.us/j/87455121153</u>.

Lee W. Saperstein, Secretary, saperste@mst.edu.

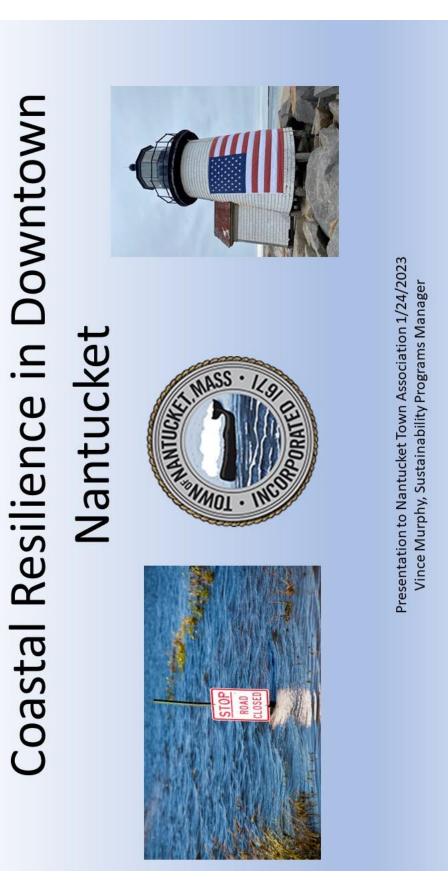
Nantucket Town Association, January 24, 2023

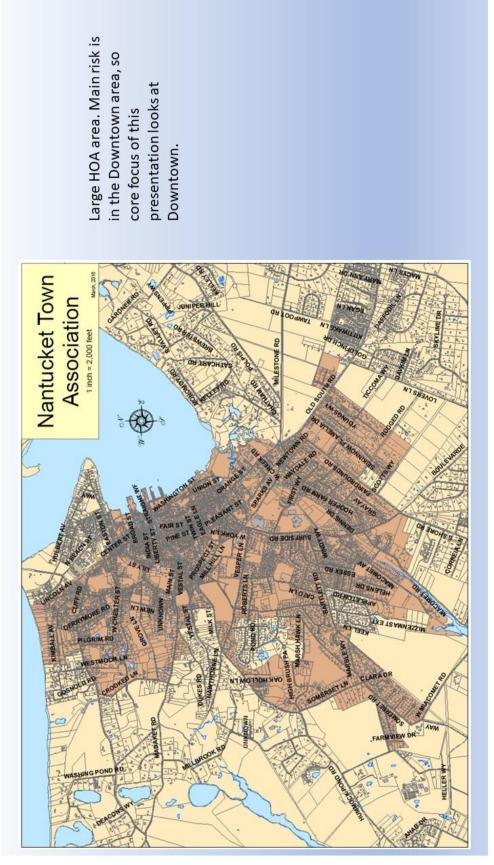
TREASURER'S REPORT

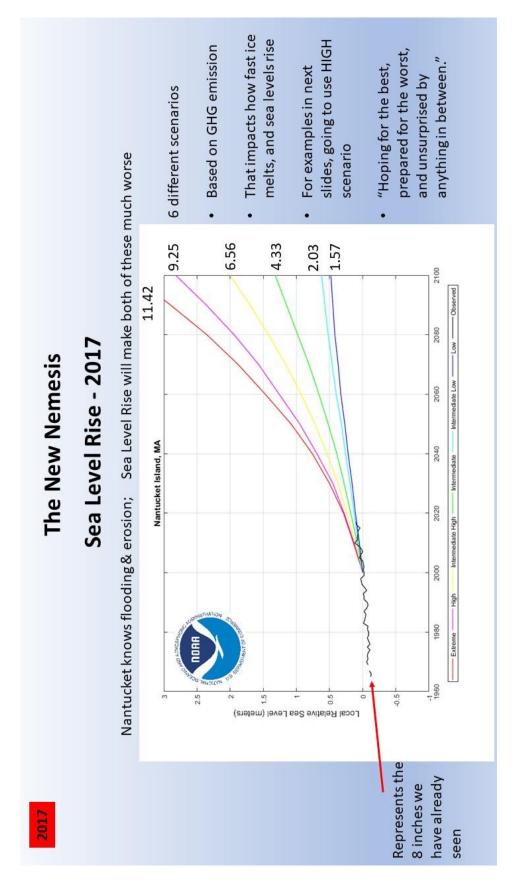
Balance at last report:	\$ 4,025.42 on 11/15/22						
Dues Received	 \$ 65.00 * through Paypal \$ 180.00 * checks 						
Total Income	\$ 245.00						
Expenses:	\$ -15.00 to Commonwealth of Massachusetts for annual report						
Paypal Fees:	\$ -5.10						
Balance as of 01/24/23: \$4,250.32							

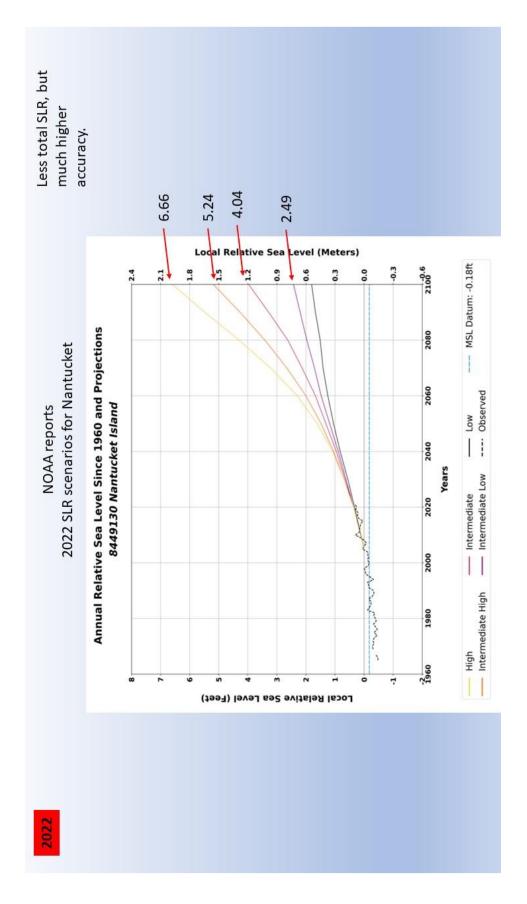
Respectfully submitted,

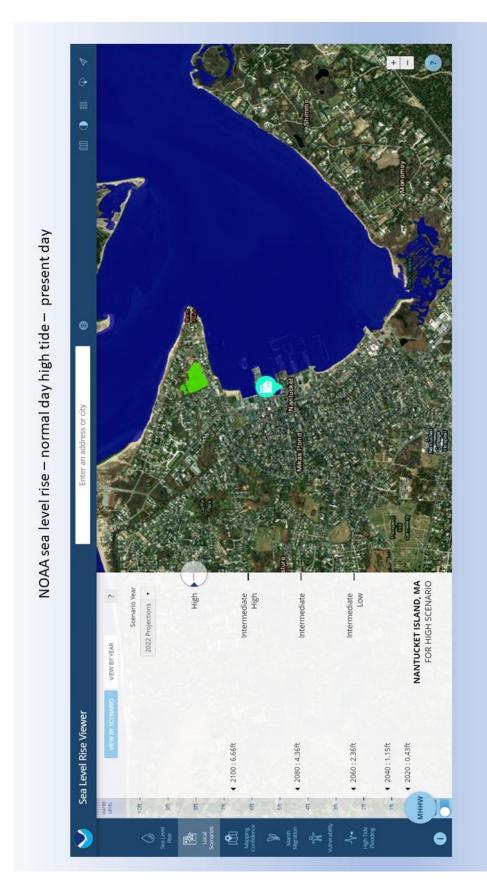
Mary Longacre, NTA Treasurer

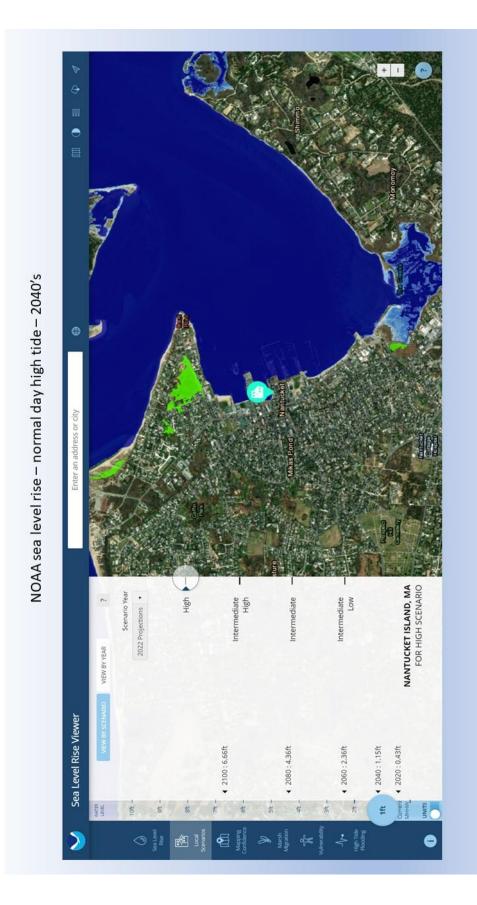


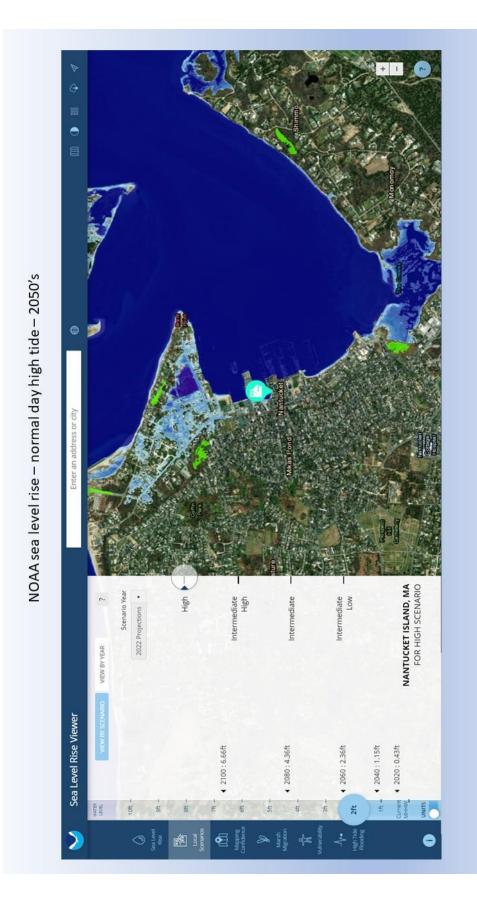


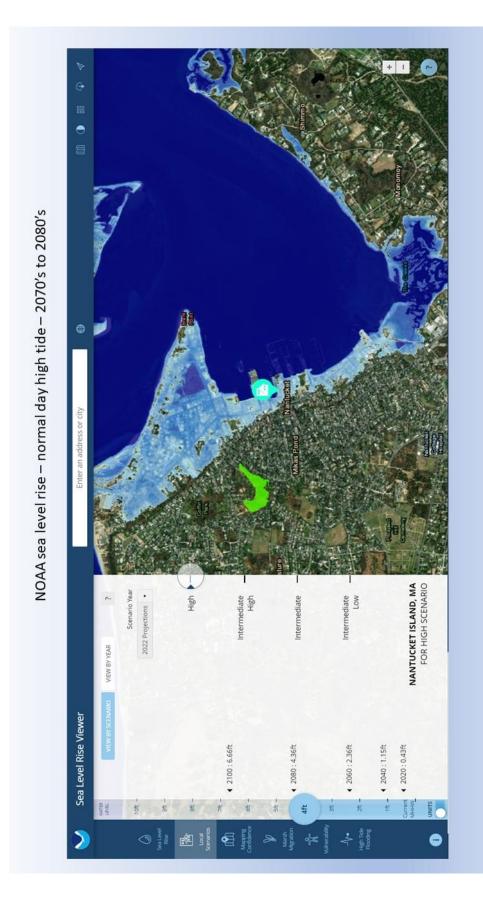


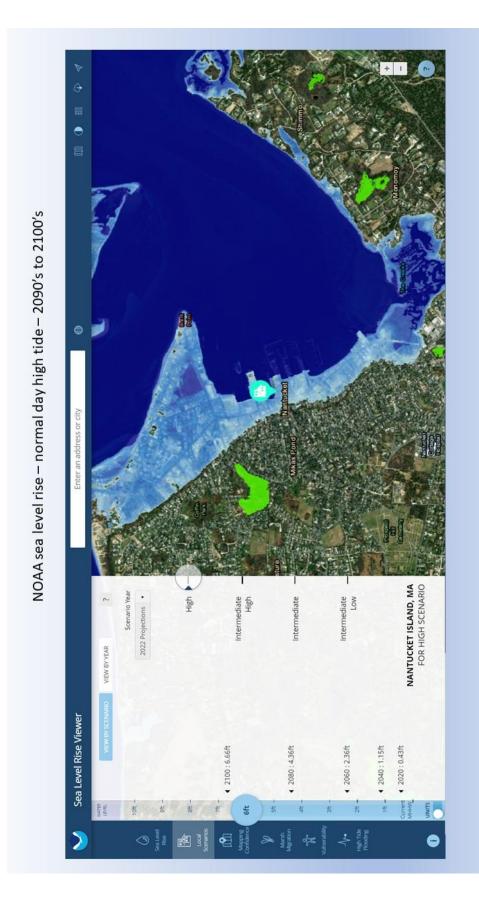


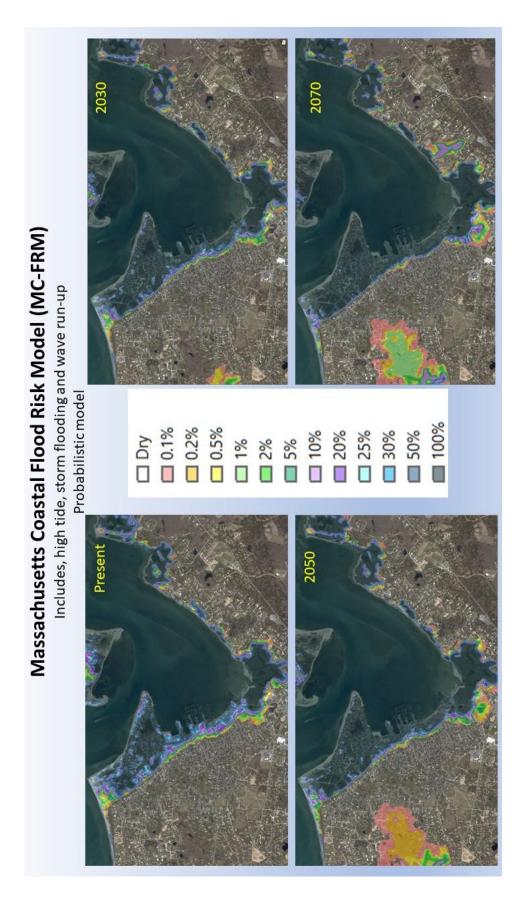




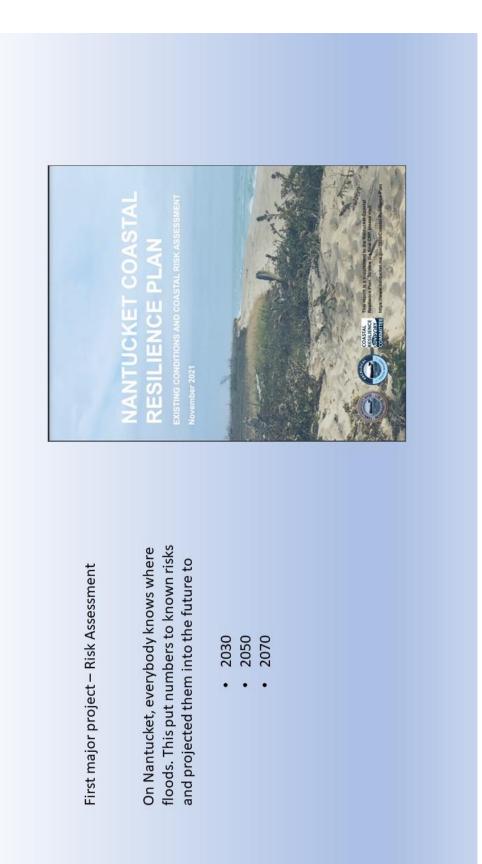


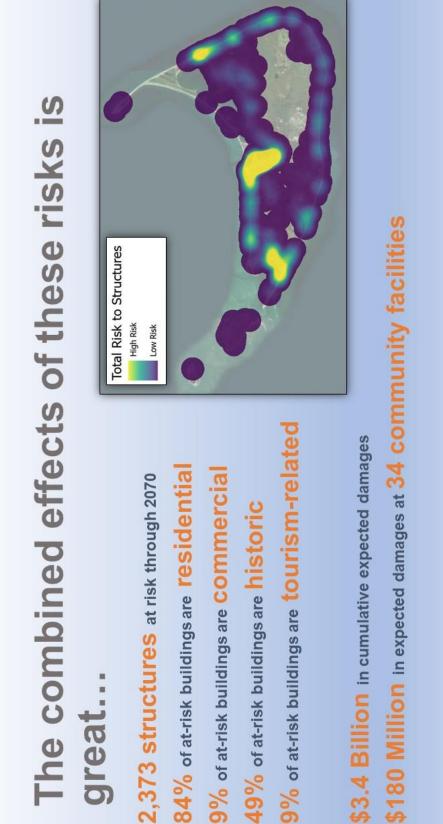












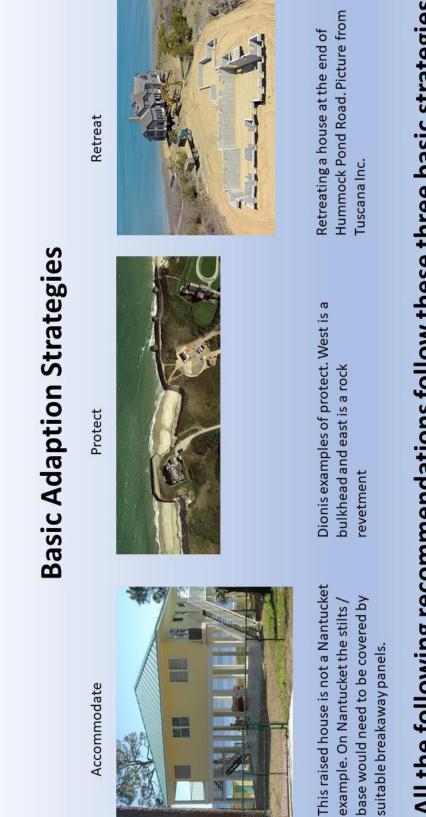
23 January 2023





COASTAL RESILIENCE ADVISORY COMMITTEE

The Potential Solutions



All the following recommendations follow these three basic strategies



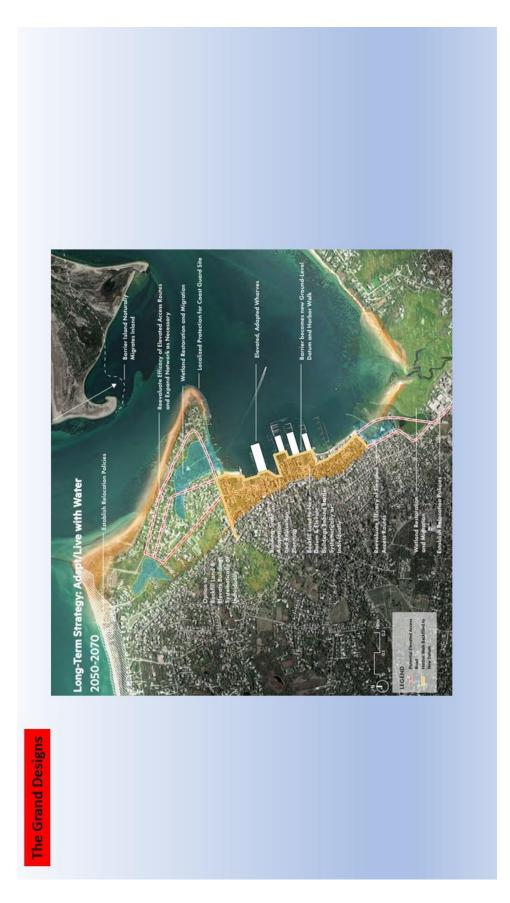


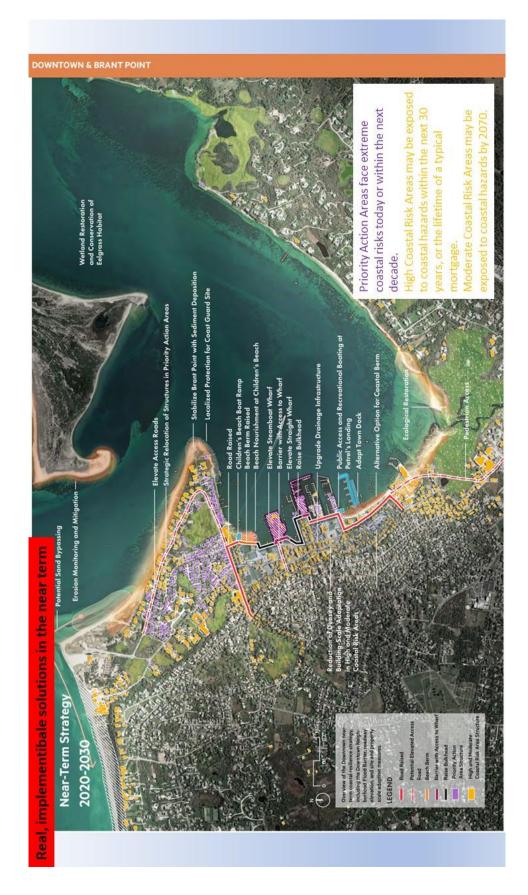
Long term ideas – Post 2050

Just starting the conceptual conversation now. Not a recommendation in the current CRP









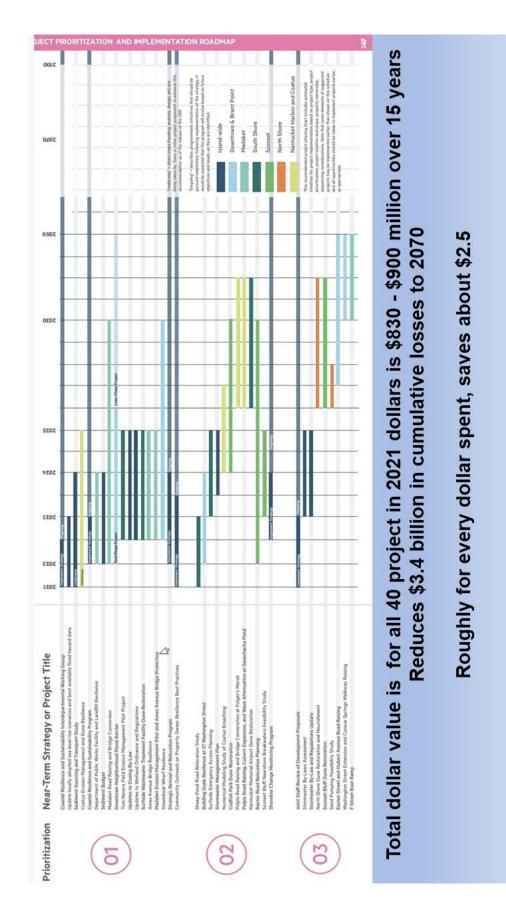
Eactor Streat and Hickort August Dood Dairin
2-3 Easton Street and Hubert Avenue Road Raising

All the island wide and Downtown project that may alleviate current and future coastal issues

Description	Work with the Steamship Authority to develop adaptation plan for Steamboat Wharf with the preferred option of elevating the pier above implemented on the wharf over time to reduce risk from coastal storms and enable rapid restoration of operations after a storm. The strategy should be integrated with the design of the Downtown Neighborhood Flood Barrier described bollow to maintain access from Brood Street onto the Wharf. Final approach will need to be planned and design by the Steamship Authority but close coordination with Town's resilience planning will be critical to a successful island-wide resilience strategy.
Resilience Objective & Level of Protection	Maintain everyday service at ferry terminal to the elevation of mean monthly high water (MMHW) in 2100 (11,0 feet NAVDB8). The new elevation is 2 to 7 feet above the existing elevation of the wharf. This plan will reduce risk from long-term tidal flooding as well as more severe storms in the next 10-20 years.
Duration of Performance	70-80 years. depending on timing of implementation
Estimated Cost	Capital Costs: \$87M Capital Costs with Contingencies: \$110M-\$120M Annual Operations and Maintenance: \$13M
Estimated Benefits	519M in avoided direct physical, economic, and social damages to build- ings. Additional benefits not quantified include reducing the long-term risk of disruption to ferry service due to flooding at Steamboat Wharf.
Co-benefit Opportunities	New terminal facilities and improved access to and from the ferry Potential to add new public amenities as part of wharf elevation and podecim

Downtown Neighborhood Flood Barrier

Description The barrier system includes a number of elements that will need to be implemented recommended elevation (see blow). The elements include stated roodwark raised recommended elevation (see blow). The elements include stated roodwark raised roodwark raised bibleback, reinforced dunes, and berms. Deployable gates may be necessary in select pricings us the root end lappored recommend. Prophysicable gates may be necessary in select with the existing built environment, while maintaining access to key wateride actilities such the Children's Beach Boar Famo, Statewoort What, Garaphi What, and the Town Prise To the Equilitients and the Town Prise. The approach can be implemented in phases over a period of to the the Power Prise of the Town Prise. The approach can be implemented in phases over a period of to the the Power Power and and the Town Prise. The approach can be implemented in phases over a period of to the the Power Power and addressed via new drainage infrastructure. Additionally, a publicing-scale resilience at TV Washinghon Street. Resilience Reduce flood risk from frequent Hald Blooding in the Downtown core, with benefits to estatelia public featilities and environ. The regulation the thirastructure to higher elevation differentiation of the transport of	Duration of depending on timing of implementation 40-50 years, depending on timing of implementation Priority First Ferformance implementation Capital Costs: ST2OM First		Adaptation of the Town dock to higher elevations or conversion to a floating dock Opportunities New waterfront resilient public access on Nantucket Land Bank property at Petrefs Landing Okew Whale Street and Commercial Street) Streetscope improvements via rain candence, bioxyales, and other oreen infrastruc-
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



	 Coastal Resilience Plan "approved" by Select Board in January 2022 	 Several projects already underway around the island 	 June 2022, Town with assistance from Coastal Resilience Advisory Committee Submitted a grant application to design Phase 1 of the Downtown Flood Barrier. This is the Easy Street and lower Broad Street area 	• Was not approved for funding but were encouraged to apply again in 2023 and are planning to do so.	How does this help Downtown area and Town Association?	 Over time, the Downtown Flood Barrier will be expanded north and south from Easton Street to Consue Springs 	Support the first phase to make later phases run more smoothly	What else can we do?	 Work on Local Area Plan and incorporate Coastal Resilience planning into it 	 Assist with Stormwater Management Plan and other resilience plans that relate to Town Association are 	
--	----------------------------------------------------------------------------------------	-------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------	--------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------	----------------------	-------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------	--

