



RESILIENT PORT NORFOLK HOME FLOOD ASSESSMENT PILOT PROGRAM

Port Norfolk Civic Association Meeting: November 18th, 2025



CITY of **BOSTON**

Image Source: Port Norfolk Yacht
Club by marinas.com (2016)

TABLE OF CONTENTS

- 1 BACKGROUND & GOALS**
- 2 PLANNING CONTEXT**
- 3 CASE STUDIES**
- 4 EXAMPLE INFO & RECOMMENDATIONS**
- 5 APPLICATION QUESTIONS & SELECTION CRITERIA**
- 6 KEY DATES**
- 7 CONTACT**

PROJECT PARTNERS



Planning Department



*City of Boston
Climate Resilience*



Housing

BACKGROUND & GOALS



FUNDING

- Rep. Hunt secured \$250k earmark of ARPA funding for use for coastal resiliency improvements in the Tenean Beach/Port Norfolk area.
- These funds must be spent by Dec. 31, 2026.



GOALS

- Provide assessments for homes in the Port Norfolk neighborhood, with a priority on the homes identified as most at-risk in the 2020 Coastal Resilience Solutions (CRS) Dorchester report.
- Use data to inform a future larger-scale program.



PLANNING CONTEXT

9 INCHES OF SEA-LEVEL RISE (2030s)



Images: CRS Dorchester (2020)

Sources: Boston Open Data, MASSGIS, BH-FRM

CASE STUDIES



DC'S FLOODSMART HOMES

This DC pilot program provides external flood resilience audits for residents in the Special Flood Hazard Area (100-year floodplain). The contracted auditors make recommendations for retrofits and the DC Department of Environment and Energy (DOEE) provides free installations of these upgrades through contractors.



RHODE ISLAND COASTLINE PROPOSAL

This report proposes a risk management system to be carried out by the Army Corps of Engineers in conjunction with the Rhode Island Coastal Resources Management Council. The plan recommends the elevation of 290 residential structures, the floodproofing of 171 non-residential structures.



NYC RESIDENTIAL TECHNICAL ASSISTANCE PILOT PROGRAM

A pilot program managed by the Center for New York City Neighborhoods and funded by the New York Governor's Office of Storm Recovery and a grant from the Department of Housing and Development. The goal of the program was to assist 1600 residential properties of varying sizes.

EXAMPLE INFO & RECOMMENDATIONS



Example Information Collected

- Building age
- Building square footage
- Base Flood Elevation (BFE)
- Foundation materials
- Type of heating and location relative to BFE
- Grading/landscape materials



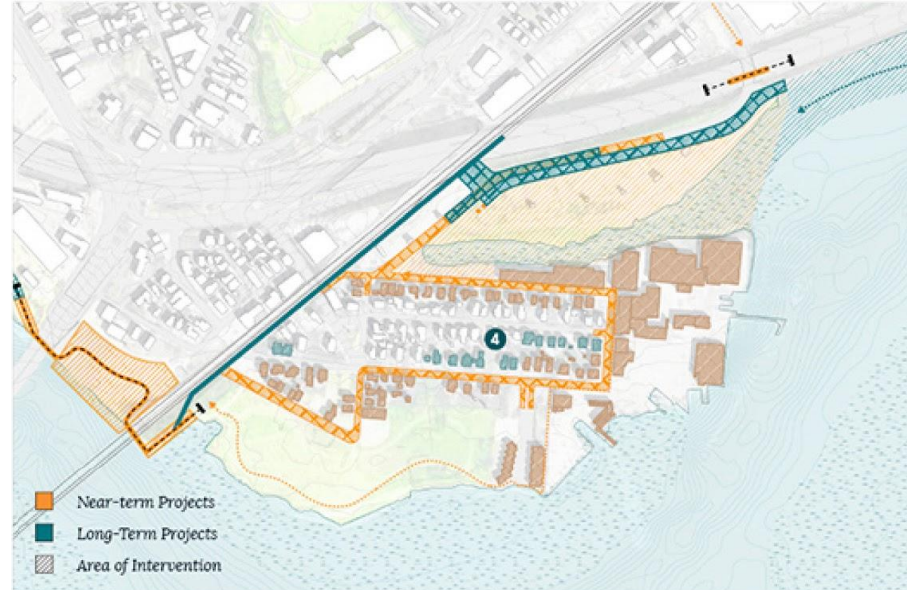
Potential Recommendations

- Installation of sump pumps and foundation waterproofing
- Installation of backwater valves
- Elevation and/or replacement of critical below-grade utility systems and outlets
- Landscape and other drainage improvements
- Installation of flood-resistant materials

APPLICATION QUESTIONS / CRITERIA FOR SELECTION

Application Questions:

1. What best describes your living situation? (own, rent room, rent home, etc.)
2. How many units are in your building?
3. Do you have flood insurance? If yes, do you have an elevation certificate?
4. Have you completed any flood-prevention focused home remodeling projects?
5. How many total people (adults & children) in your household?
6. (Optional) Select the category that best describes your gross household income.



~ 40 homes face near-term (2030) flood risks

~ 14 homes face long-term (2070) flood risks

KEY DATES & ENGAGEMENT STRATEGIES *(subject to change)*



COMMUNITY ENGAGEMENT

- Today, November 18th, Port Norfolk Civic Association Meeting
- Door-to-Door Knocking & Flyering in the neighborhood.

APPLICATION PERIOD

- Applications for assessments are now live and rolling until **January 12th, 2026**.
- Throughout the application period, residents will have the option to attend one-on-one office hours with staff.

HOUSEHOLDS SELECTION

- Selection of Assessment recipients will occur between December 2025 and February 2026.
- Engineering consultant is anticipated to be onboard by February 2026.

ASSESSMENT & REPORT CREATION

- Assessments led by engineering consultant will be completed between **February & July 2026** for selected buildings.
- Project closeout meeting **Est. Fall/Winter 2026** to share out final results of the pilot. This meeting will be open to all.

FUTURE RETROFITS

- City staff will continue to seek resources for future retrofit support.
- Staff may refer households to related programs offering funding or technical assistance (Boston Home Center, MassSave, etc.)
- Households may seek independent contractors to complete work recommended in reports.

THANK YOU

We appreciate your time and hope you enjoyed this presentation.

SUBMIT AN APPLICATION AT:

bosplans.org/PortNorfolkFloodAssessment

HAVE QUESTIONS?

COMMUNITY CONTACT delaney.morris@boston.gov



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