

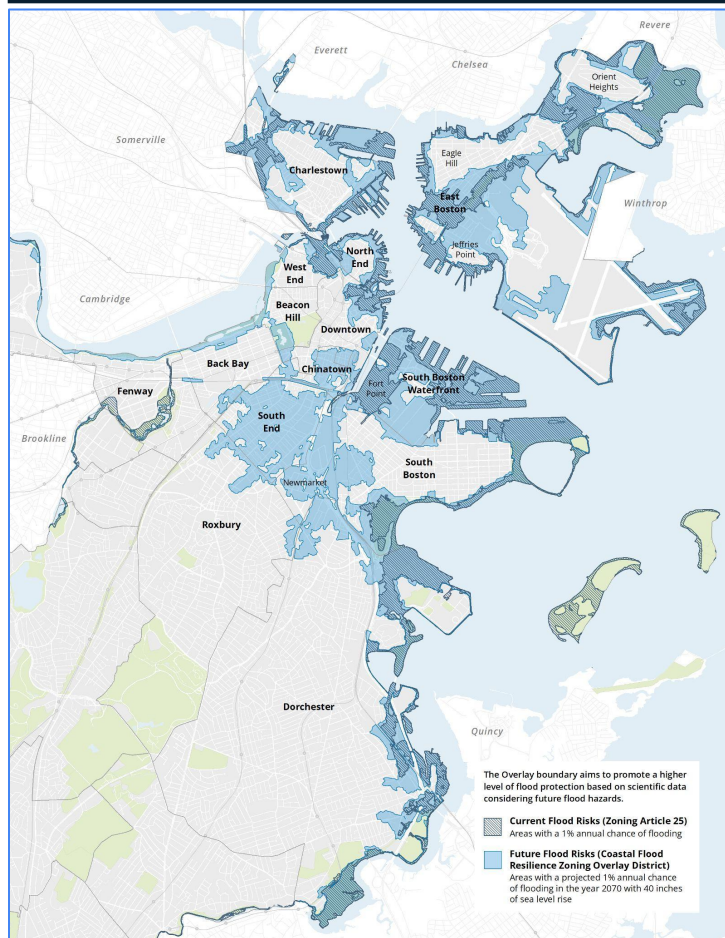
Building A Resilient Boston, Together

A Better City -- November 3, 2023

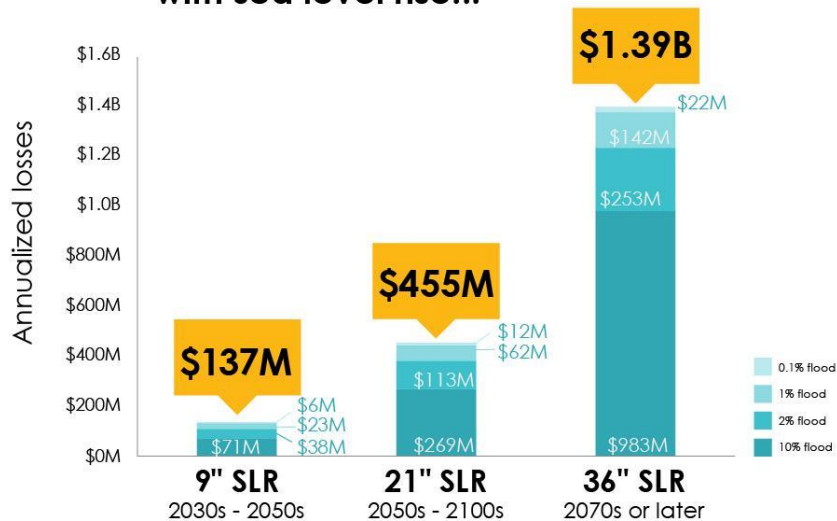


Setting the Foundation: Flood Projections for Boston

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Annualized losses will increase with sea level rise...

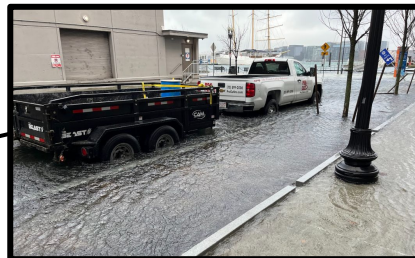
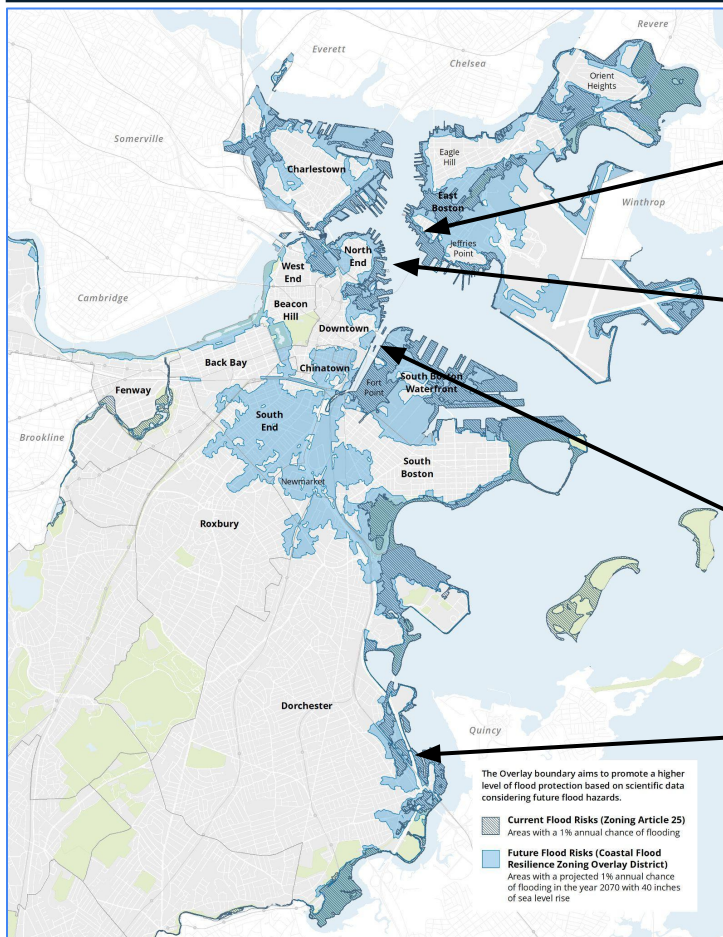


Source:

Chart: [Climate Ready Boston \(2016\)](#);
Map: [Coastal Flood Resilience Design Guidelines](#)

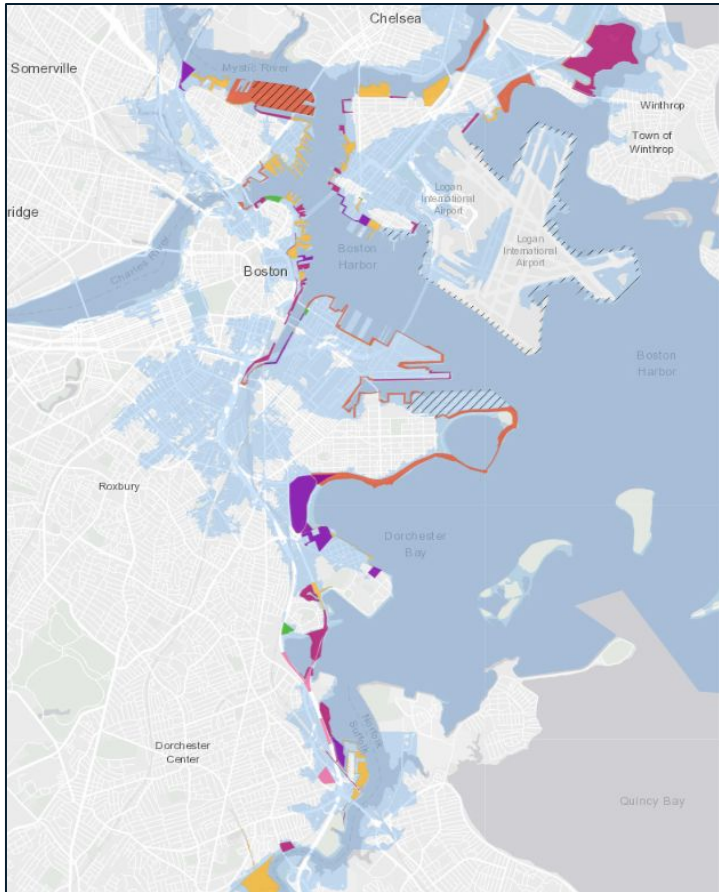
Setting the Foundation: Flooding In Boston on December 23, 2022

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Setting the Foundation: Developing Neighborhood Plans

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Coastal Resilience Project Tracker ([Link](#))

RAISED HARBORWALK / RAISED PARK SPACE



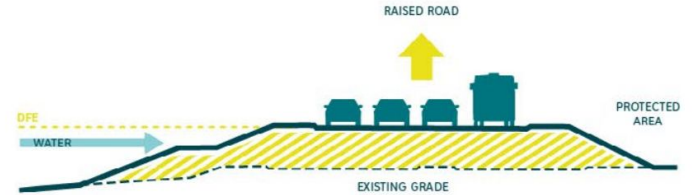
RAISED BERMS AND DUNES



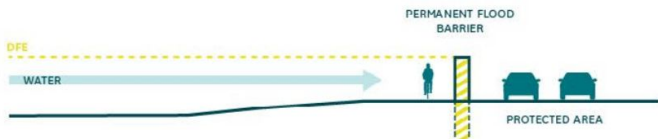
NATURE-BASED SOLUTIONS



RAISED ROADWAYS / MEDIAN FLOODWALLS



VERTICAL FLOODWALLS



ADAPTED BUILDINGS AND STRUCTURES



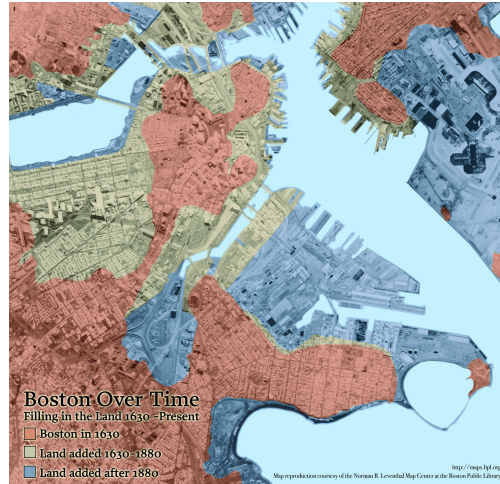
Setting the Foundation: Critical Context

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Ownership

Ownership	% of Coastline
City	~ 16%
Private	~ 30%
State	~ 50%
Federal	~ 4%

History



“One-sixth of Boston sits on land that was once tidal estuaries, shallow marshes, and mud flats.”

- [Levanthal Map Center](http://maps.bpl.org)

Stormwater



Leominster, Mass

Photo from the [Boston Herald](https://www.bostonherald.com)

Access Along the Harbor



Fort Point Channel

Photo from the [Boston Harbor Now](#)

Access To the Harbor



Long Wharf

Photo from the [Boston Harbor Islands](#)

Signature Events for the City



Piers Park

Photo from the [Boston Harbor Now](#)

Build

- Close near term flood paths
- Build an Army Corps plan and partnership to close long term flood paths
- Expand the capacity to build

Adapt

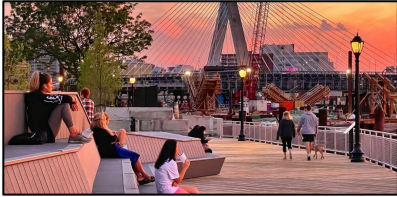
- Provide guidance and support to help property owners adapt buildings

Respond

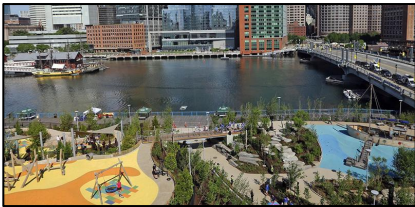
- Enhance City & community ability to prepare for, respond to and recover from flooding

Moving Forward: Coastal Projects Completed & Underway

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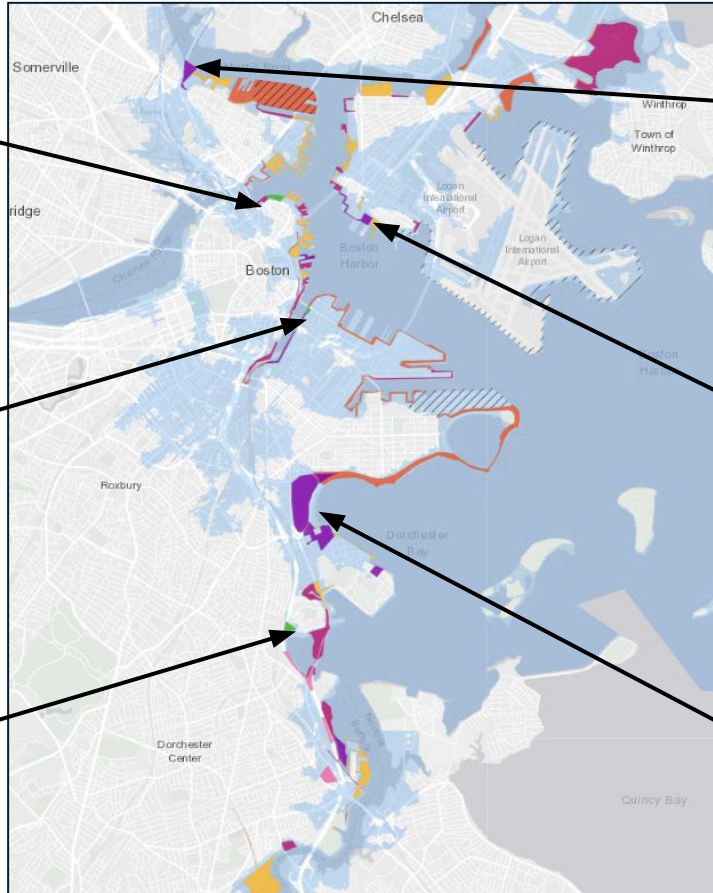
Langone Park & Puopolo Playground | North End
Construction completed in 2020



Martin's Park | Seaport
Construction completed in 2019



McConnell Park and Playground | Dorchester
Construction completed in 2022



Coastal Resilience Project Tracker ([Link](#))



\$19 Million

Ryan Playground | Charlestown
Ground-breaking Expected in 2024



In Construction

Piers Park Phase 2 and 3 | East Boston
Massport park construction project in progress

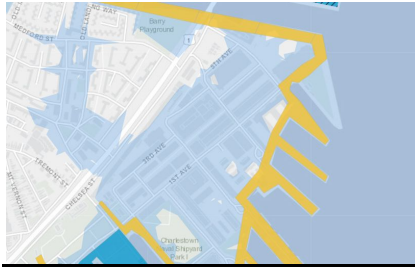


\$50 Million

Moakley Park | Dorchester
Design completed; rendering by Stoss Landscape Urbanism

Moving Forward: District-Scale Projects

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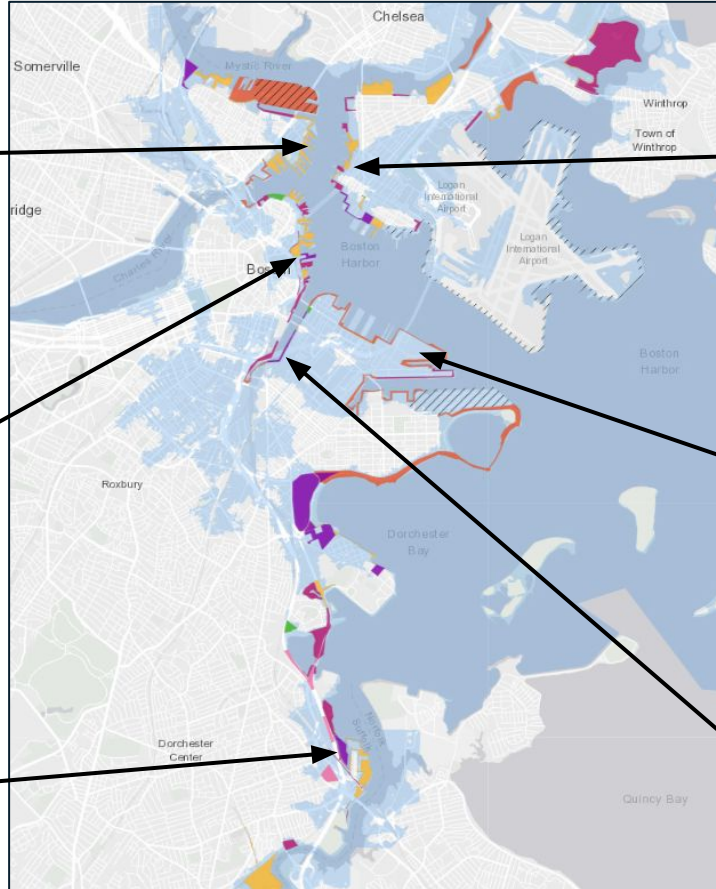
Charlestown Navy Yard



Long Wharf



Tenean Beach, Dorchester



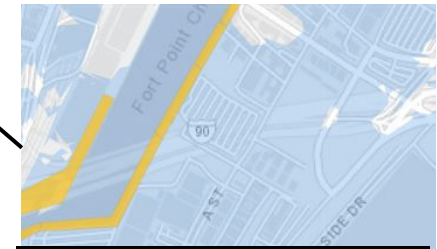
Coastal Resilience Project Tracker ([Link](#))



Border St. & Lewis Mall



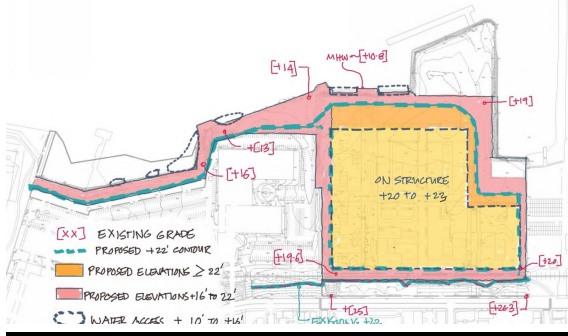
Flynn Marine Park



Fort Point Channel

Moving Forward: Private Development/Investment

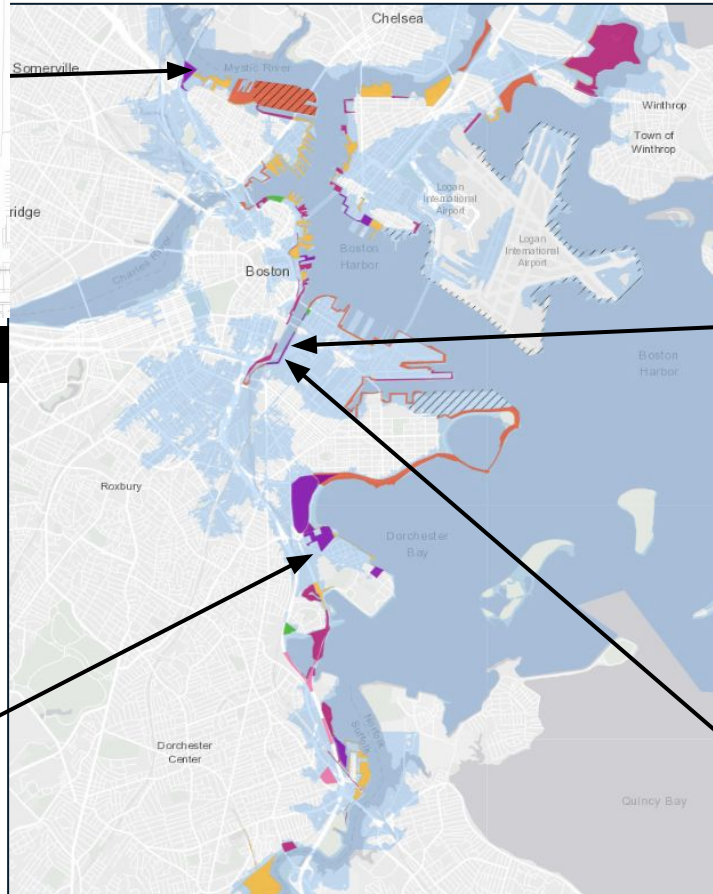
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Charlestown 425 Medford



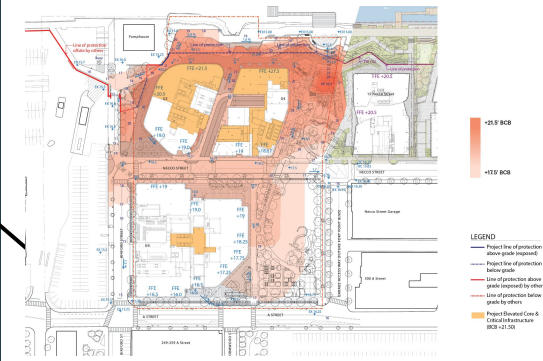
Dorchester Bay City



Coastal Resilience Project Tracker ([Link](#))



Fort Point 232 A Street



Fort Point Channelside

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