

WELCOME!



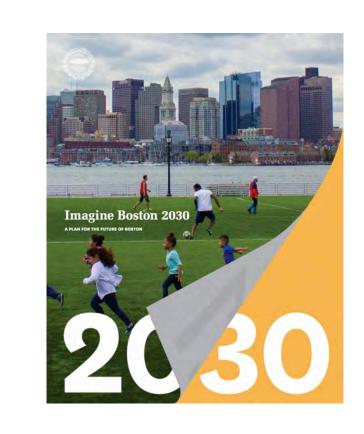
TO THE CLIMATE READY SOUTH BOSTON OPEN HOUSE



The purpose of this open house is to involve the community early in the design process. In the spring, the City will release a report with draft designs and an implementation plan for the City and its partners in South Boston.

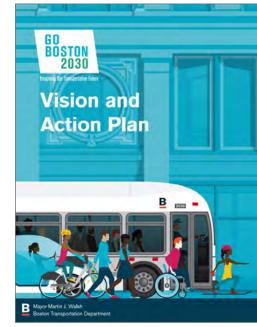
Climate Ready Boston is Mayor Walsh's initiative to help the City prosper and grow in the face of long-term climate change. Goals for climate preparedness are included in many City plans, and new projects are underway to address priority issues. In South Boston, our priority is to develop solutions to protect the neighborhood from coastal flooding caused by sea level rise and storms. These solutions can make the community safer, improve quality of life, and help our local economy grow.

CLIMATE PREPAREDNESS PLANNING TO DATE

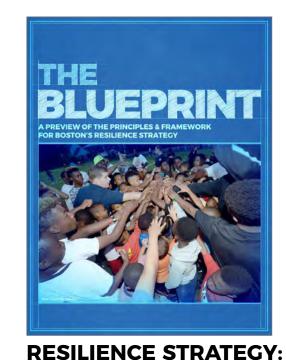


IMAGINE BOSTON 2030

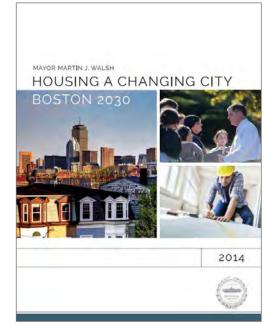
As Boston's first citywide plan in 50 years, Imagine Boston 2030 creates a framework to preserve and enhance Boston, while embracing growth as a means to address our challenges and make the city stronger and more inclusive.



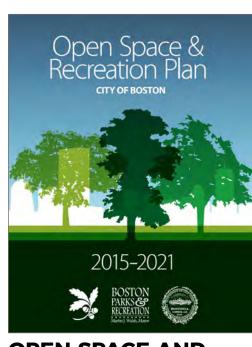
GO BOSTON 2030



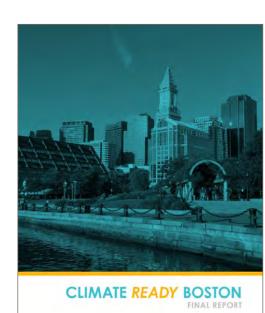
THE BLUEPRINT



HOUSING A CHANGING CITY



OPEN SPACE AND RECREATION PLAN 2015-2021



CLIMATE READY BOSTON

B SOSTON CCZM



2014 CLIMATE ACTION PLAN UPDATE

"Create neighborhoods where people of all backgrounds and income levels can thrive and enjoy all that Boston has to offer"

-Roslindale resident Source: Imagine Boston

"Make walking fun and desirable – create street culture. Ex. businesses give rewards/discounts for walking/biking."

—Roslindale roundtable
Source: Go Boston

"Increase funding for adaptation, including new tax revenue. Improve infrastructure to be resilient."

-Chinatown roundtable
Source: Go Boston

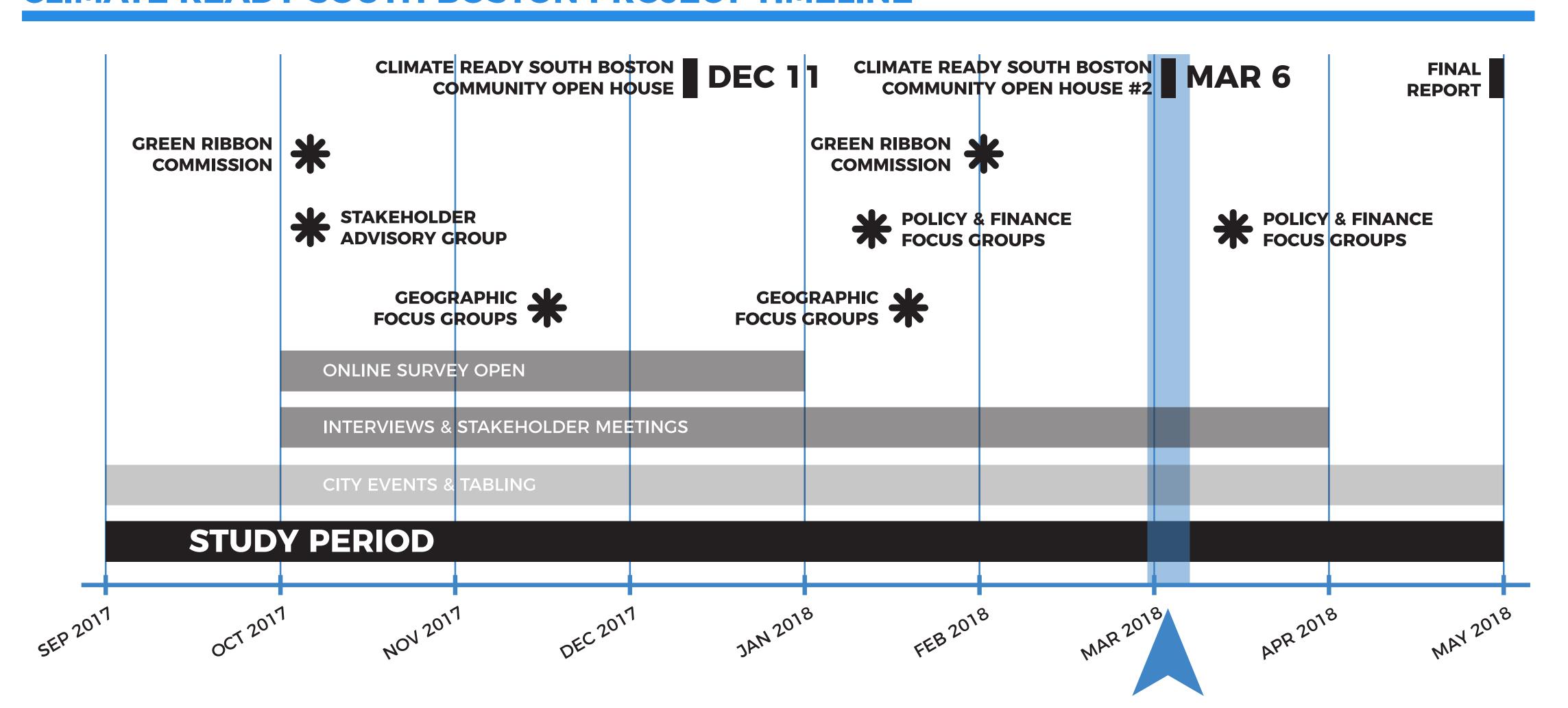
"Make
MBTA
stations
climate
resilient"

-02116 Source: Go Boston "We felt one of the root causes was around inequality in regard to racism. One of our ideas was that currently our transit hubs were in downtown Boston, what if they were rerouted to higher density and lower economic opportunity to increase the flow of business."

-Chinatown roundtable
Source: Go Boston

"Sharing economies are not accessible to everyone. More integration with traditional public transit. More innovative transportation."

CLIMATE READY SOUTH BOSTON PROJECT TIMELINE



WHAT IS CLIMATE READY BOSTON?

B



Climate Ready Boston has eight neighborhood focus areas.

The City launched Climate Ready Boston to help Boston plan for the future impacts of climate change. Boston residents are already affected by extreme heat, rain, snow, and flooding. These trends will likely continue as severe weather and sea level rise create more challenges. That's why Boston is getting started now. The City has identified eight neighborhood focus areas at which to further study climate resilience solutions. The below evaluation criteria serve as a guide in developing five layers of climate resilience.

Layers of Climate Resilience



Evaluation
Criteria for
Flood Protection
Strategies

ENVIRONMENTAL
IMPACT

VALUE CREATION

DESIGN LIFE AND
ADAPTABILITY

EFFECTIVENESS

ENVIRONMENTAL
IMPACT

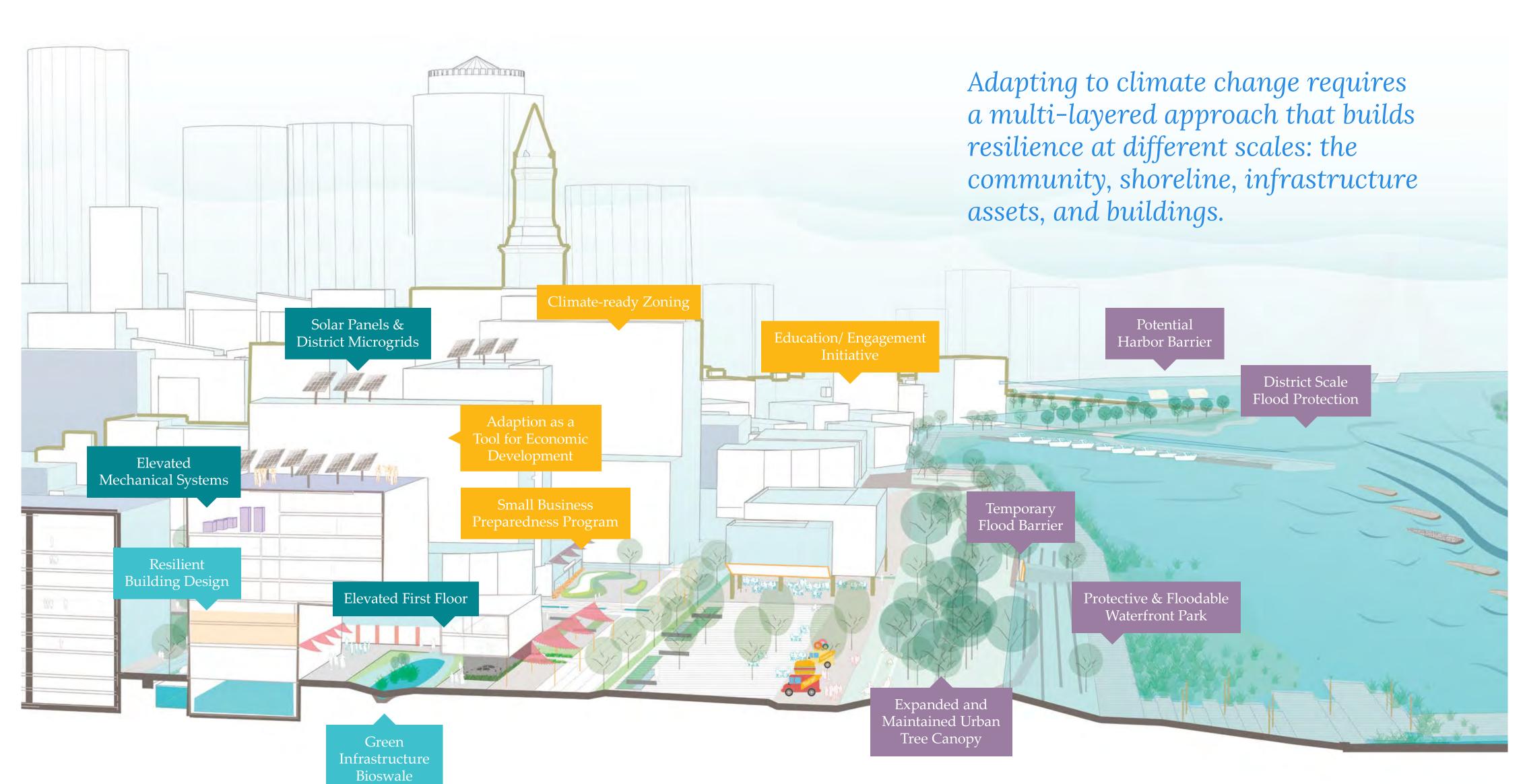






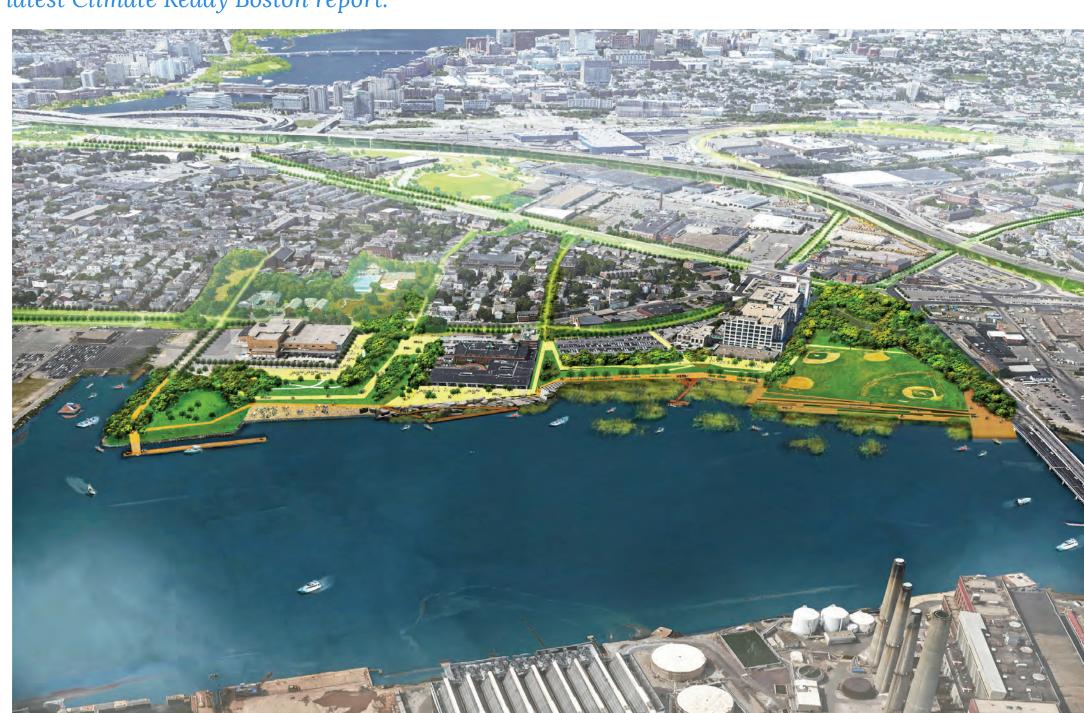


ADAPTED BUILDINGS



Long term climate resilient waterfront strategies for East Boston (left) and Charlestown (right) from the latest Climate Ready Boston report.







DISTRICT OVERVIEW



SOUTH BOSTON'S ROLE IN THE REGION



KEY FACTS & FIGURES



31,000+ residents in South Boston



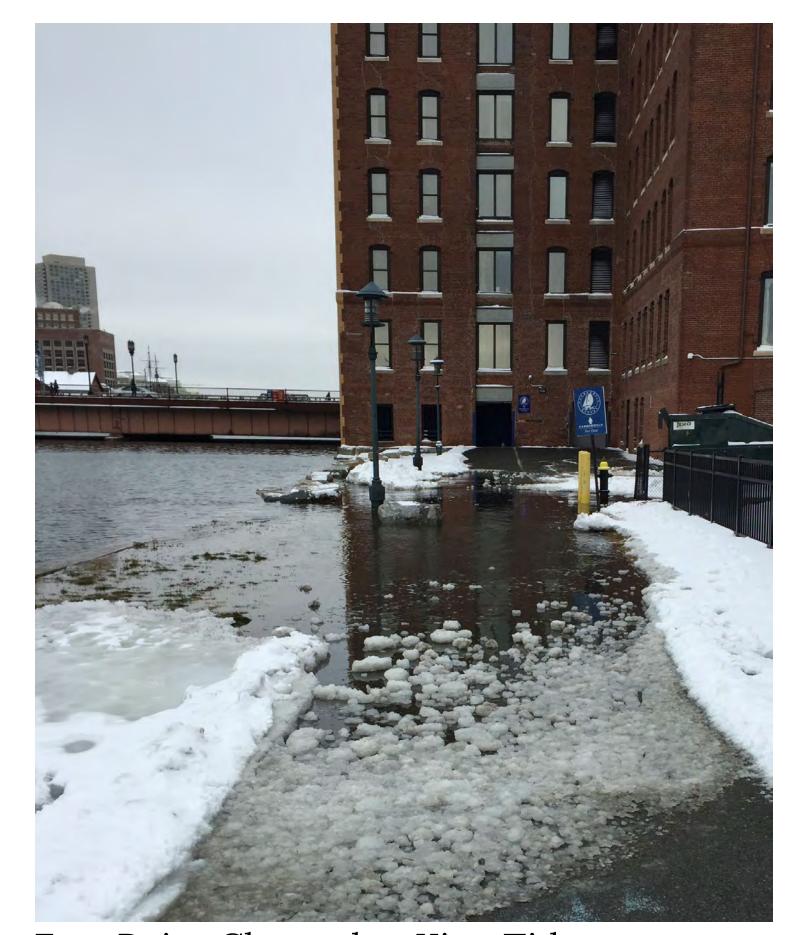
78,000+ jobs in South Boston



+\$20 billion to the City's economy



HIGH FLOOD RISK



Fort Point Channel at King Tide



Fort Point Channel at Mean High Tide

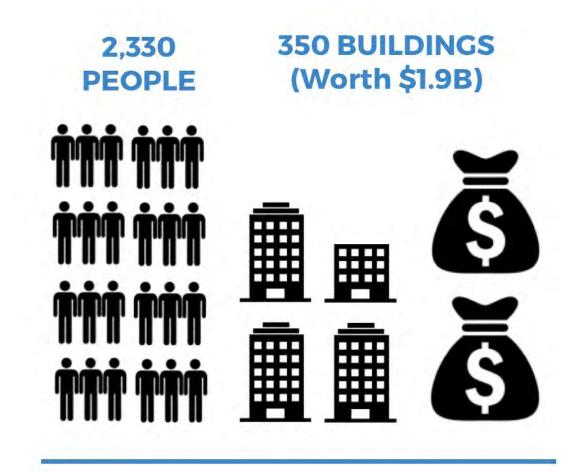
South Boston is the mostexposed neighborhood in Boston, with nearly 25 percent of its land area exposed under 9 inches of sea level rise, 50 percent under 21 inches, and 60 percent under 36 inches at the 1 percent annual chance event.

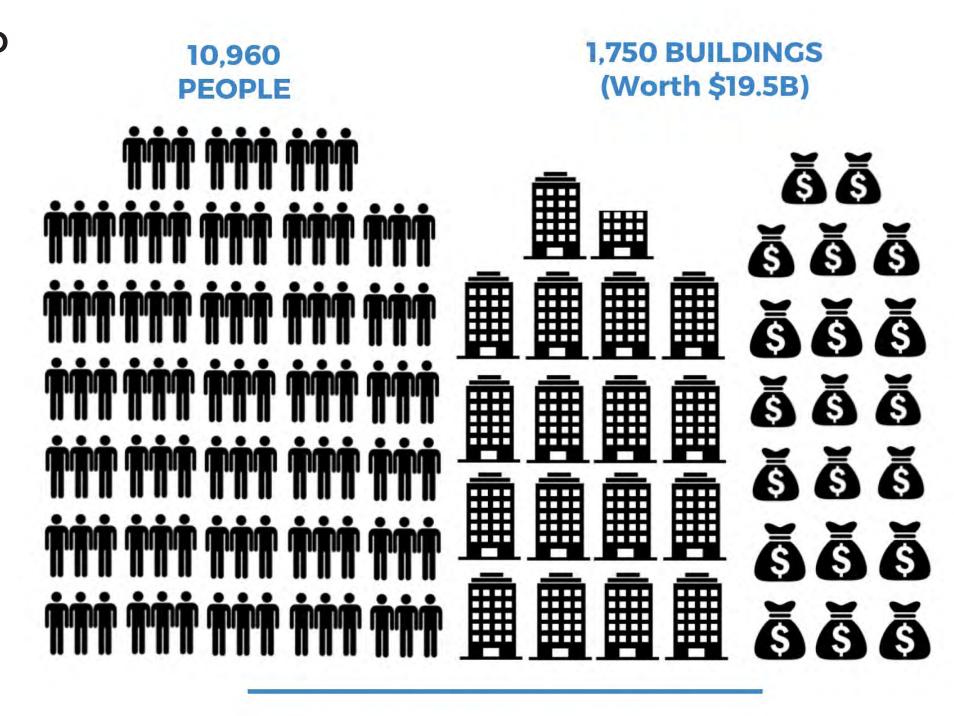
Nearly 20 percent of the neighborhood's land area will be exposed to high tides with 36 inches of sea level rise. Some areas in the Fort Point Channel area already flood during major tidal events.

WHAT'S AT STAKE?

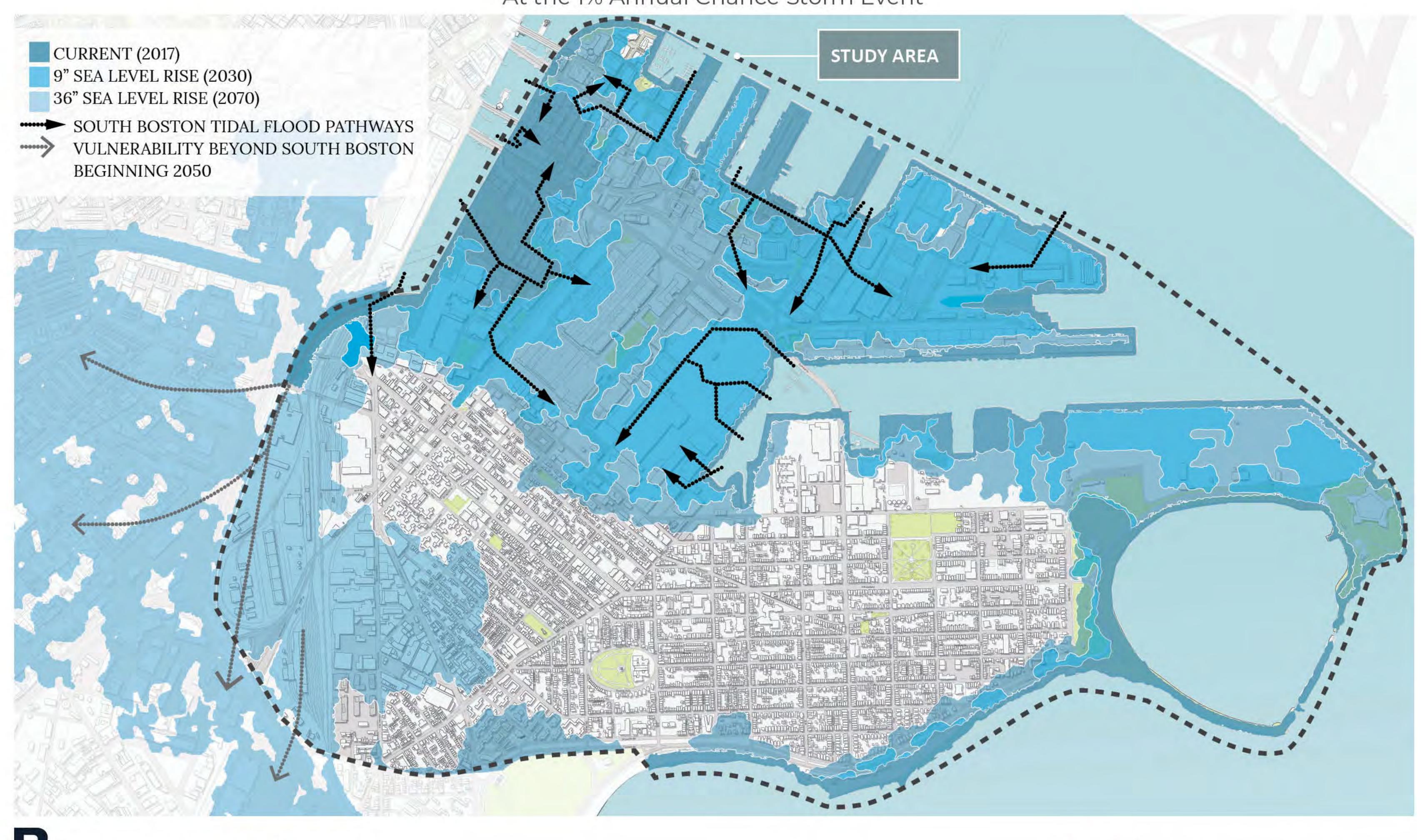
Of all Boston focus areas,
South Boston consistently faces the greatest or near-greatest exposure and potential losses to coastal flooding across all sea level rise conditions and flood events.

People and Buildings Projected to be Impacted in South Boston by 1% Annual Flood Events*

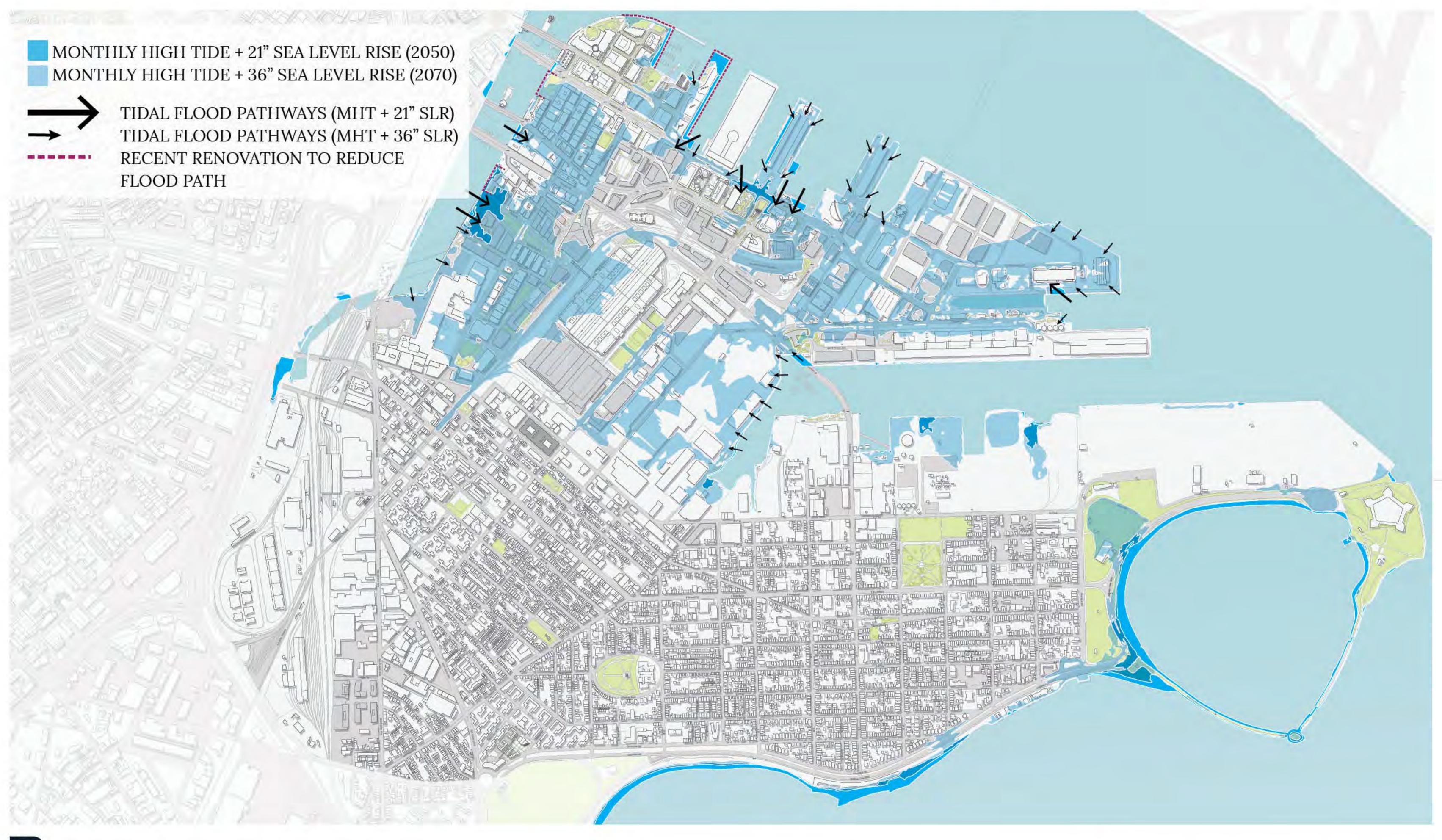




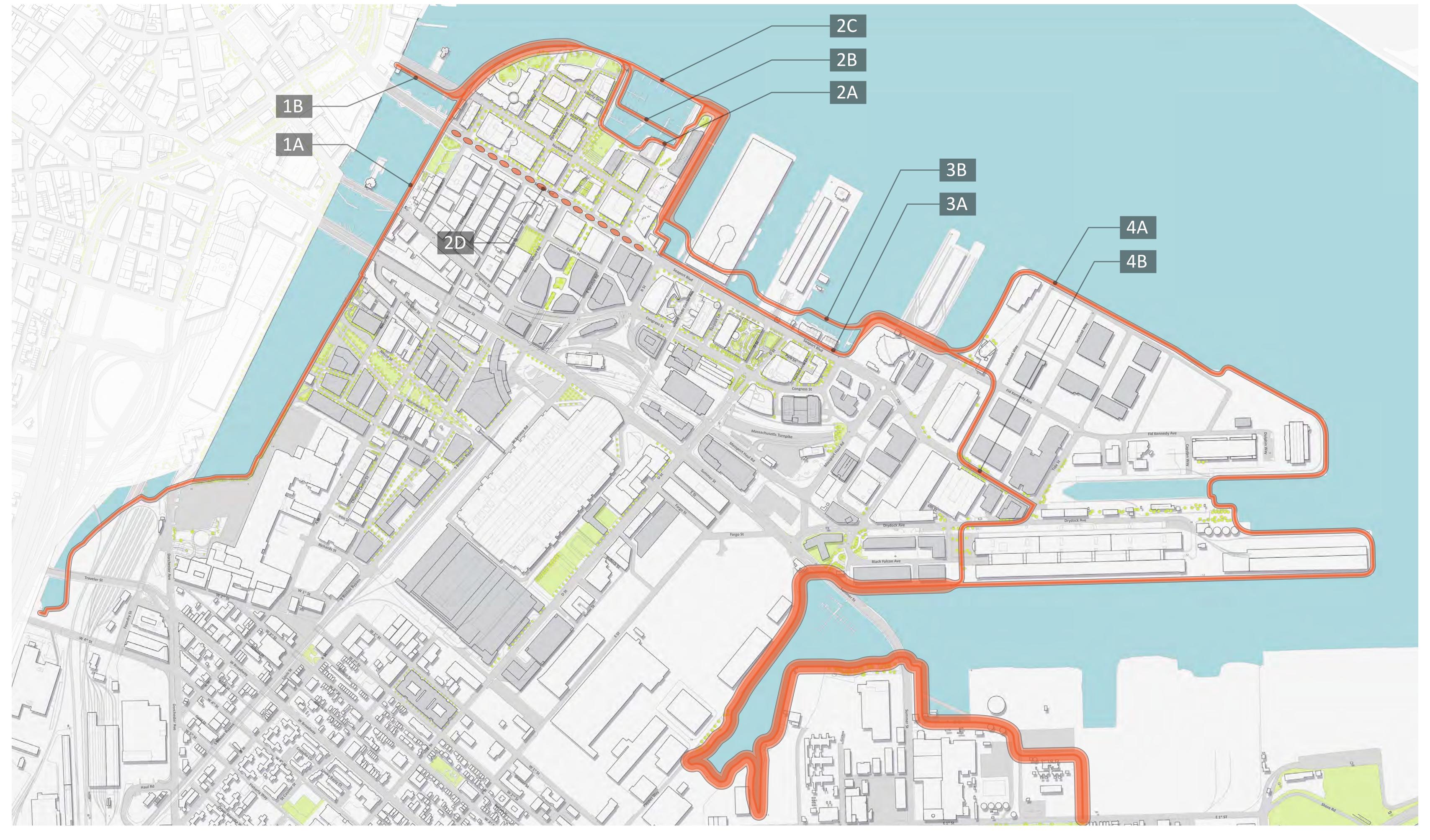
PROBABLE FUTURE STORM FLOOD EXTENTS At the 1% Annual Chance Storm Event



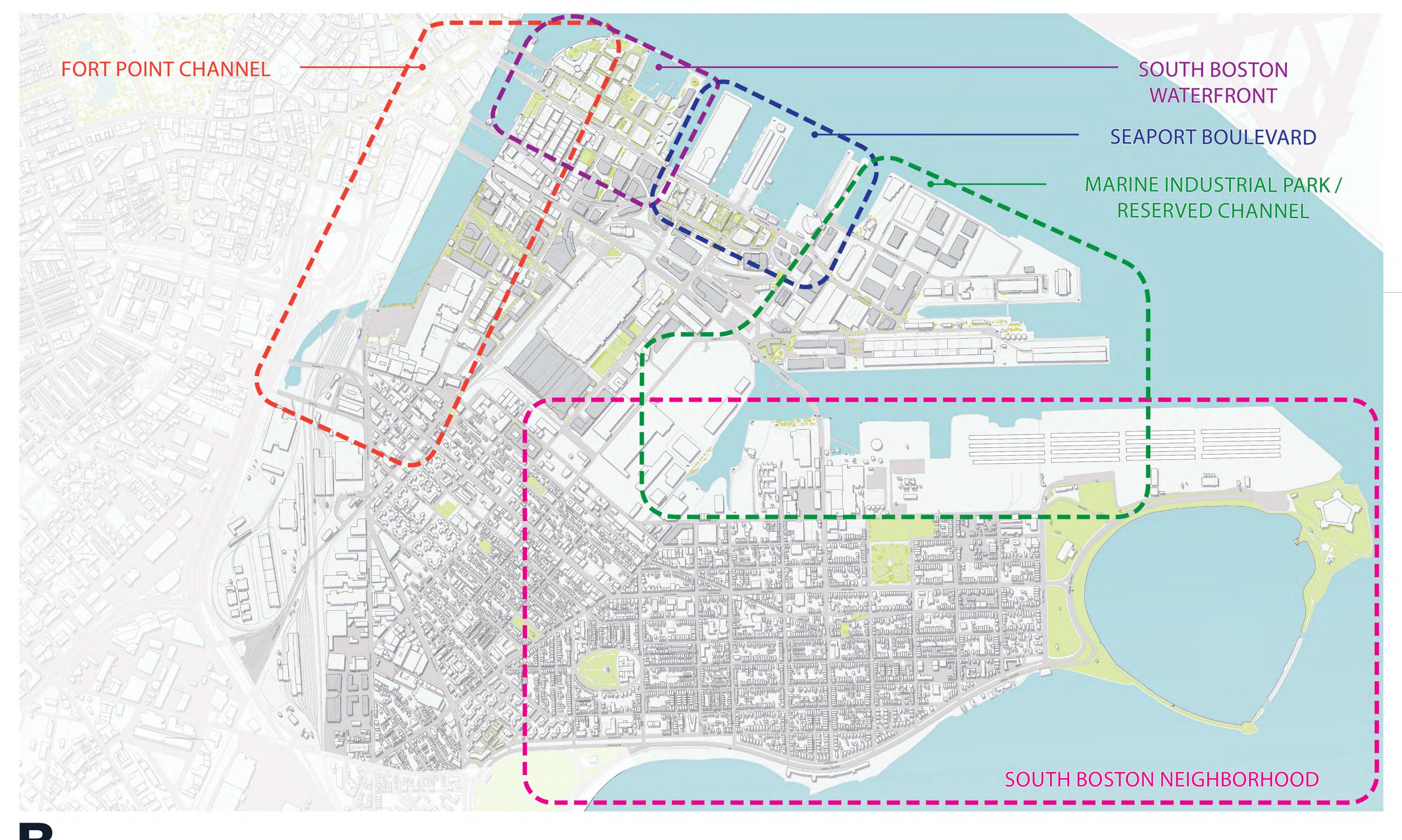
PROBABLE FUTURE MONTHLY TIDAL FLOOD EXTENTS



FLOOD PROTECTION ALIGNMENT



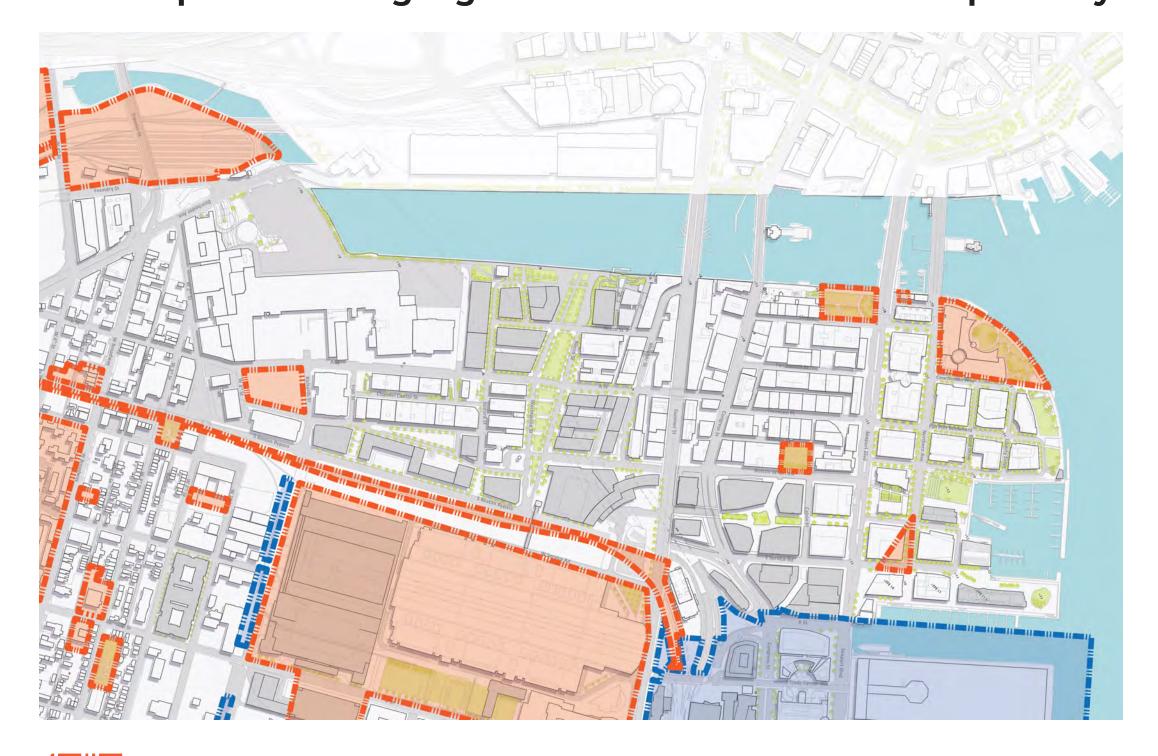
PROJECT SITE STATIONS



FORT POINT CHANNEL TODAY



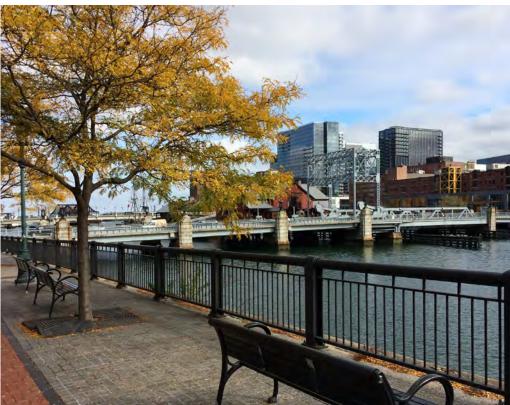
Fort Point Channel represents the area of highest risk in the district. Current coastal flood exposure is high, but the Channel is also expected to form a flood pathway to the South End later in the century. Fort Point Channel neighbors also face high stormwater flood exposure during high tides due to the number of privately owned and unprotected stormwater outfalls in the channel.







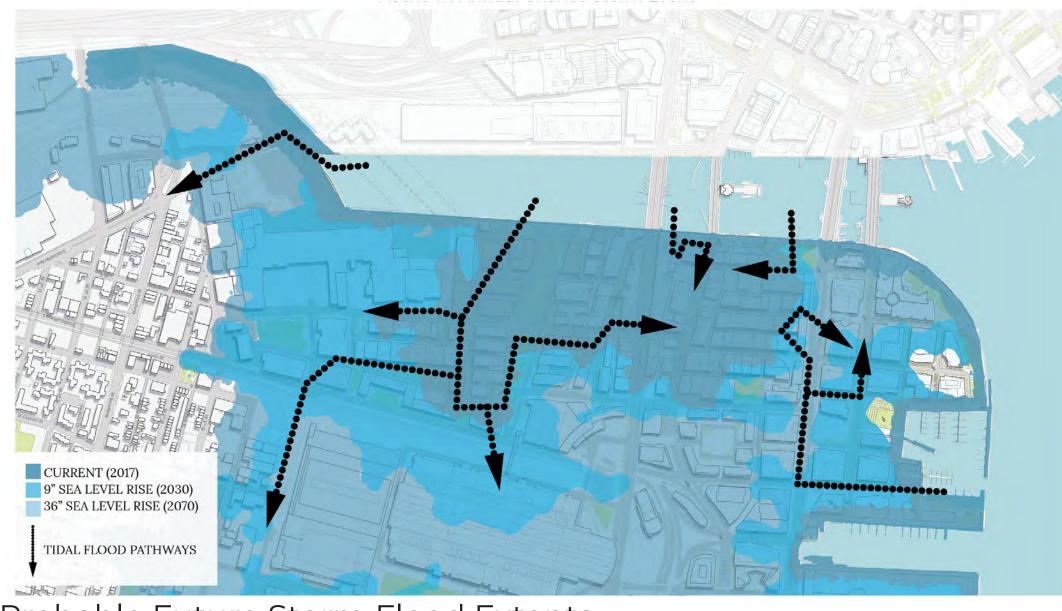




FUTURE FLOOD RISK

PUBLIC PROPERTY

MASSPORT PROPERTY



Probable Future Storm Flood Extents (at the 1% Annual Chance Storm Event)

Probable Future Monthly Tidal Flood Extents (and Areas of Intervention)

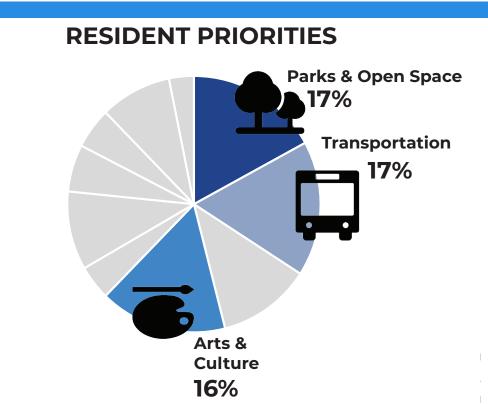
WHAT WE'VE HEARD FROM YOU

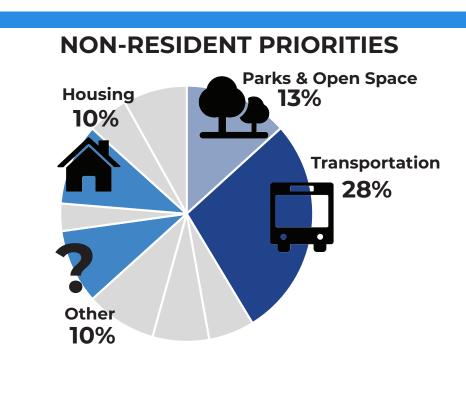
The information included here is feedback received via the Climate Ready South Boston online survey and during the first Open House on December 11th. We look forward to receiving your input tonight as well!

The head of Fort **Point Channel** needs a flood control gate.

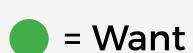
The channel needs much more to enliven it, from footbridges to water festivals.

Preservation of its historical integrity.

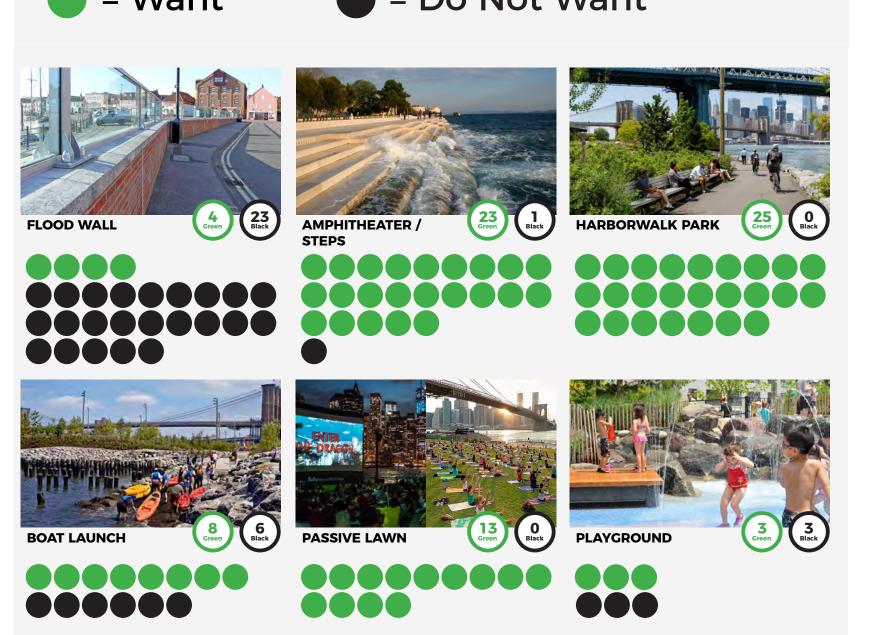




WHICH FLOOD PROTECTION ELEMENTS AND AMENITIES DO YOU PREFER?



= Do Not Want



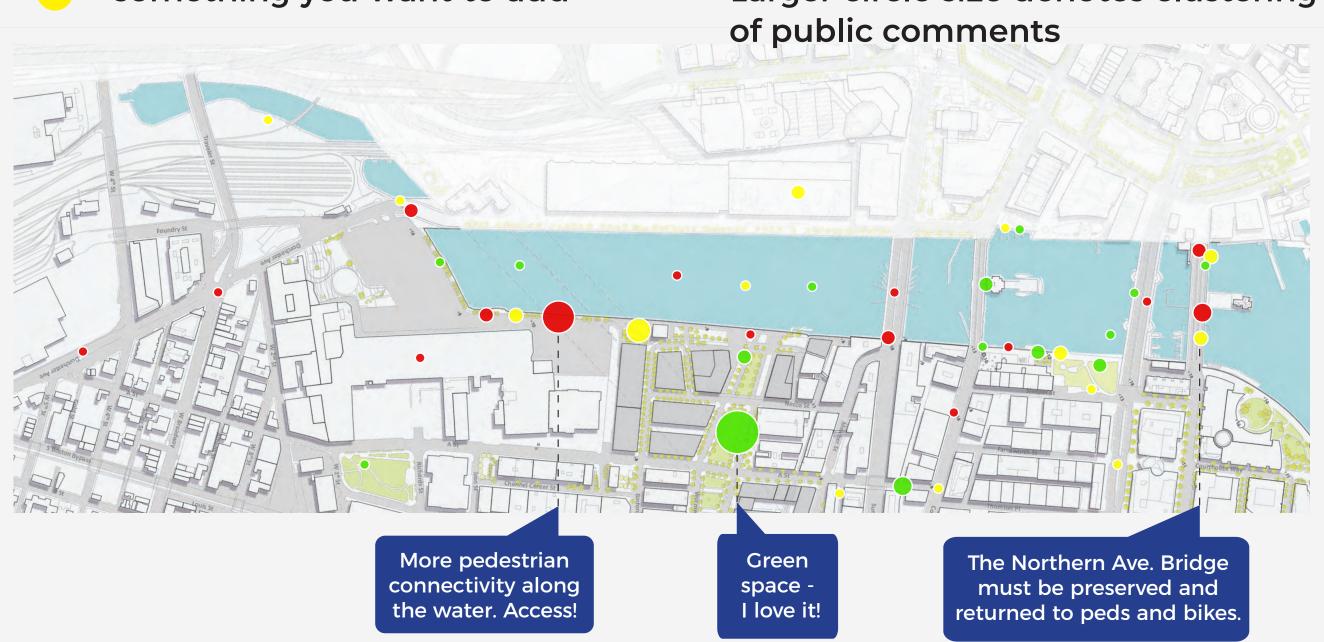
WHAT ARE YOUR WATERFRONT PUBLIC SPACE PREFERENCES?

= something you love

= something you want to change

= something you want to add

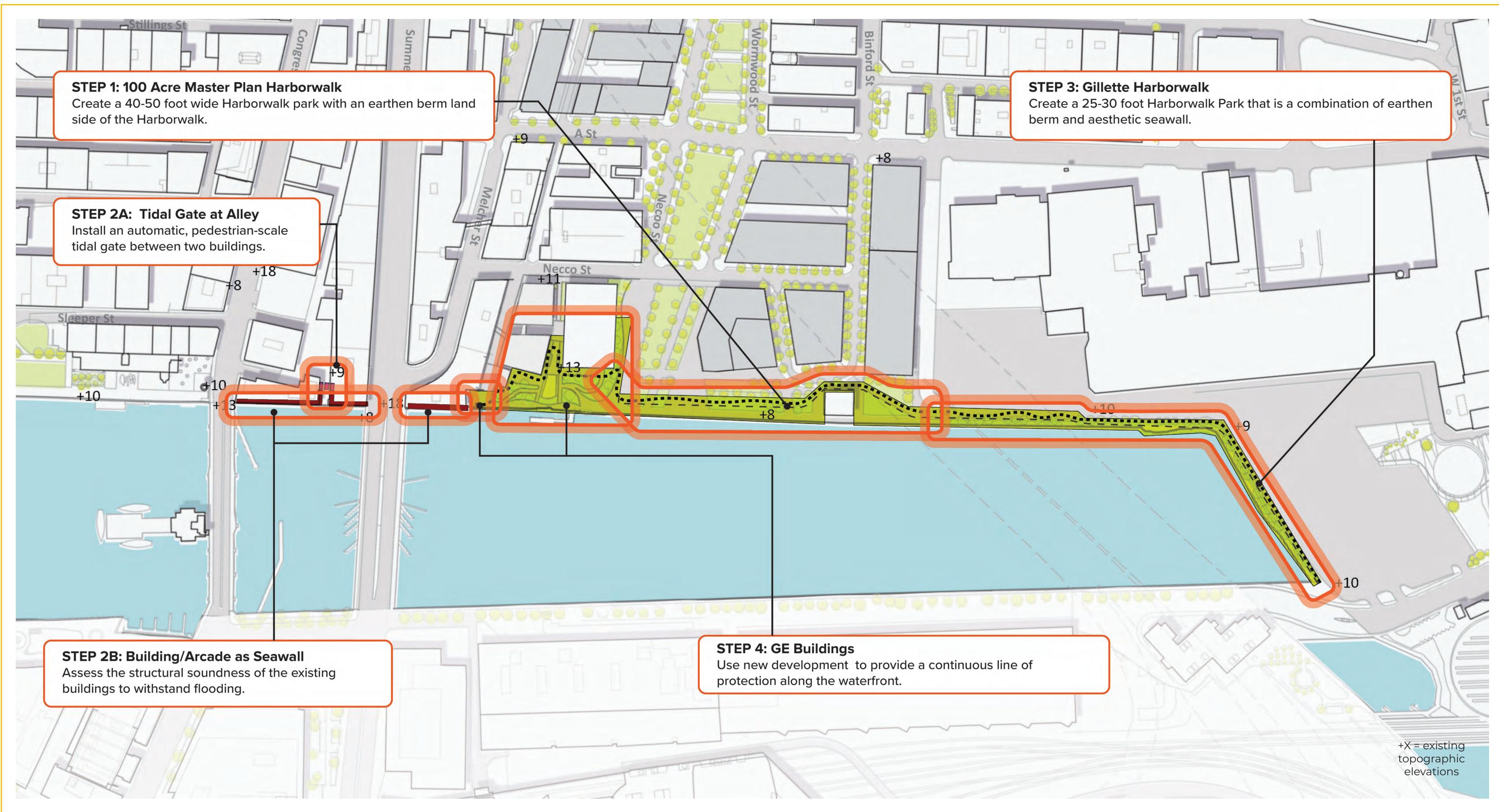
*Larger circle size denotes clustering of public comments



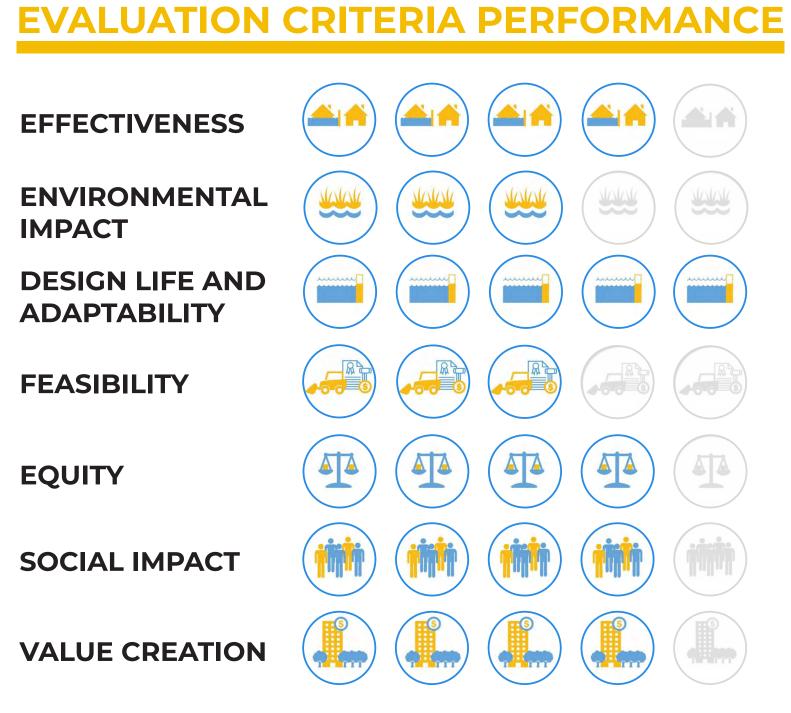
EARLY-ACTION FLOOD PROTECTION OPTION FOR FORT POINT CHANNEL







These early action projects, shown above in sequenced steps 1 through 4, focus on areas that take advantage of existing or planned development/construction to help address future flooding.



* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

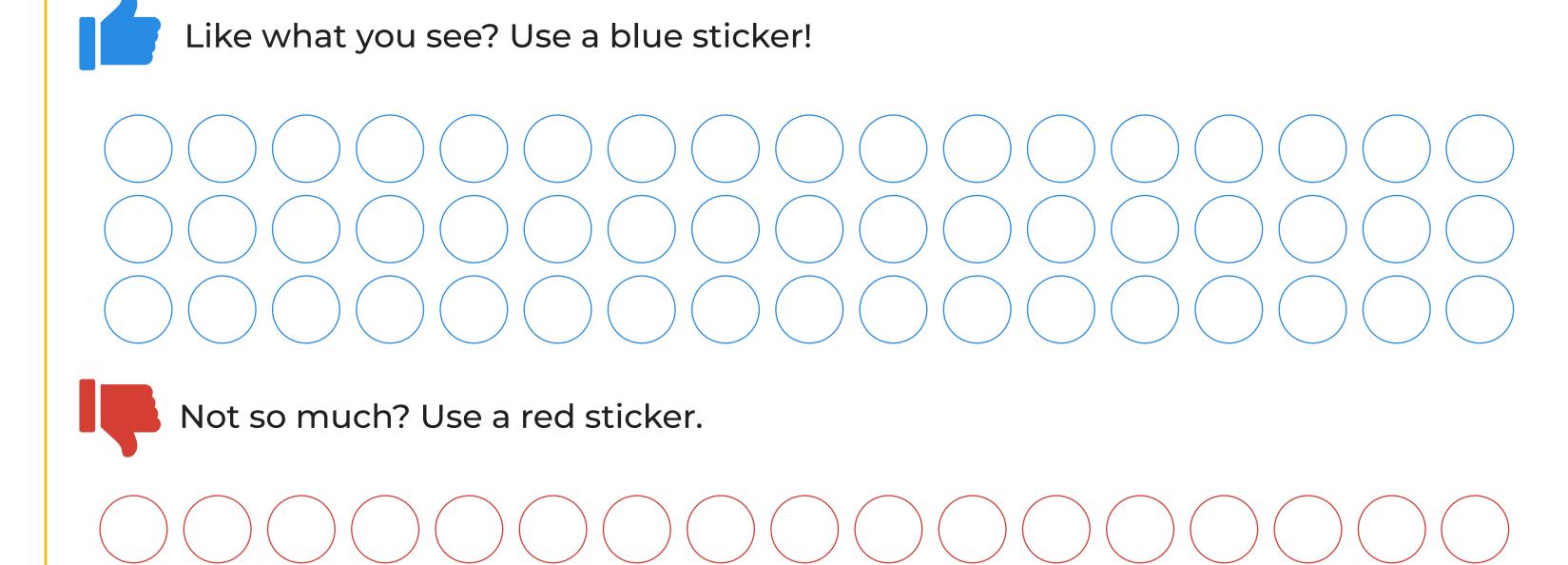
PROJECT COST

\$ \$ \$ \$

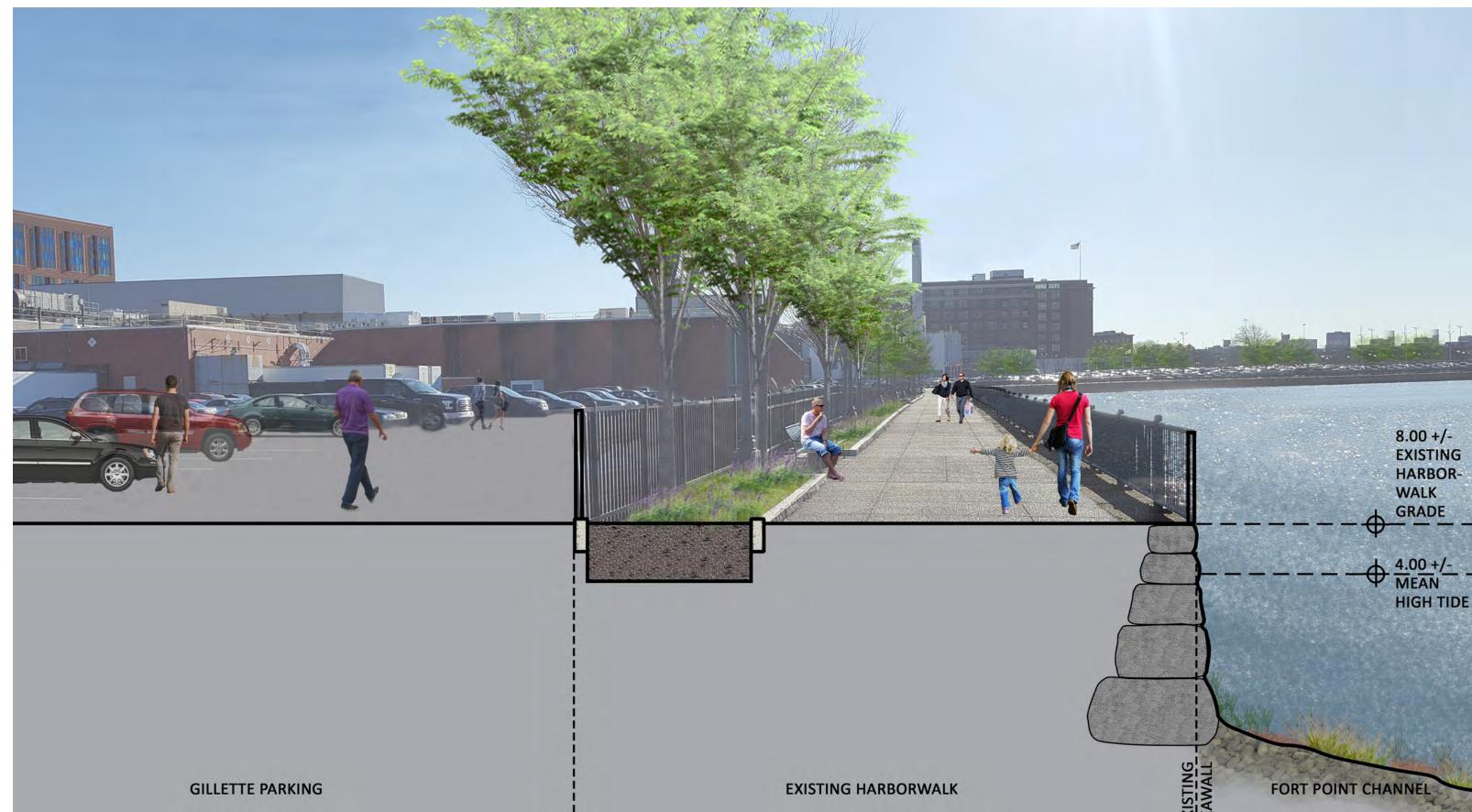
PROJECT TIMEFRAME

- Flood resilience and public space improvement actions may integrate with new development.
- Owners of properties currently at risk in the area are motivated to act to reduce flood damage; coordinated efforts will be more efficient.
- Limited space, water quality concerns, and the permitting constraints present technical and planning challenges.
- All catalyst steps except step 2 can be designed to address 36 inches of sea level rise, now, and may be adapted to address higher magnitude flooding over time. Step 2 is likely to be effective against up to 12 inches of sea level rise, but longer term action will be required to protect against more significant flooding over time.

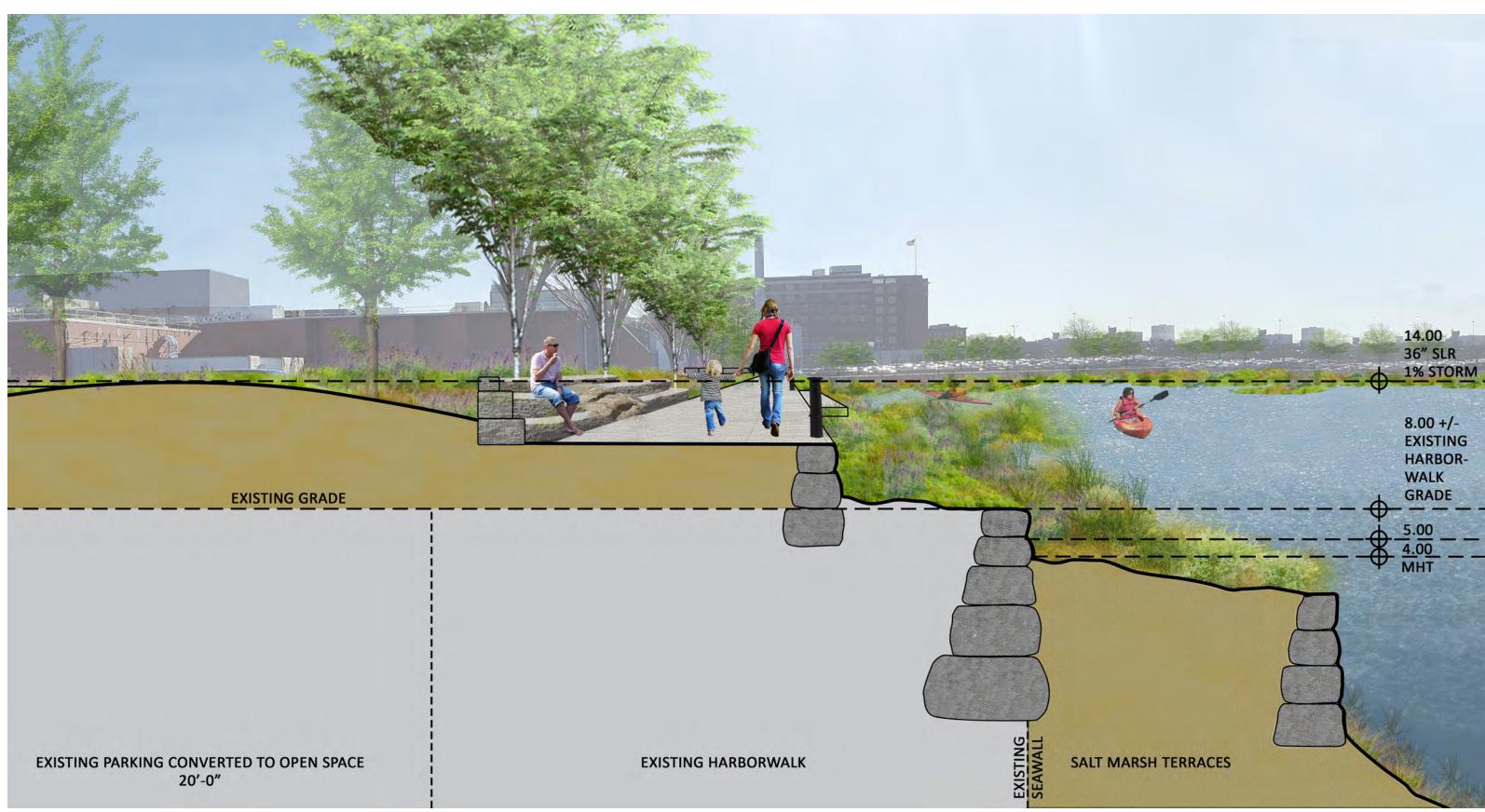
TELL US WHAT YOU THINK!



Have additional comments? Write them here!



Area near Gillette Manufacturing Today (STEP 3 on map above)



Area near Gillette Manufacturing with Early Action Improvements (STEP 3 on map above)

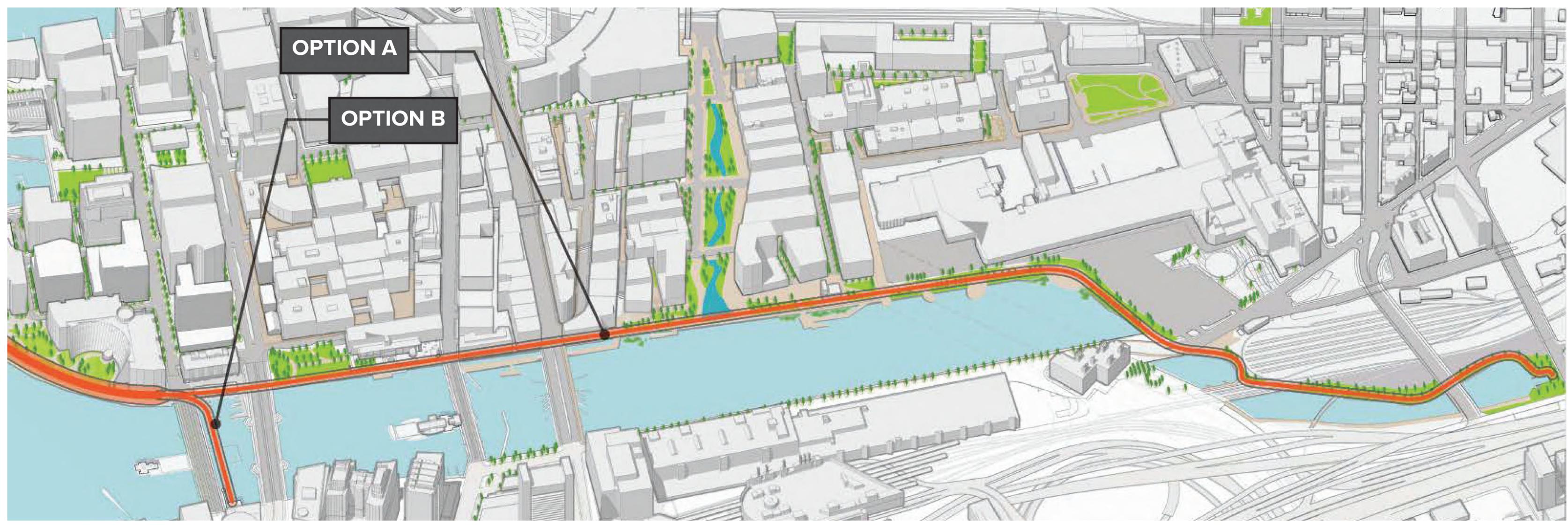
Improvements Include:

- a) Creation of 25-30 foot-wide Harborwalk Park
- b) Provide combination of earthen berm and seawall

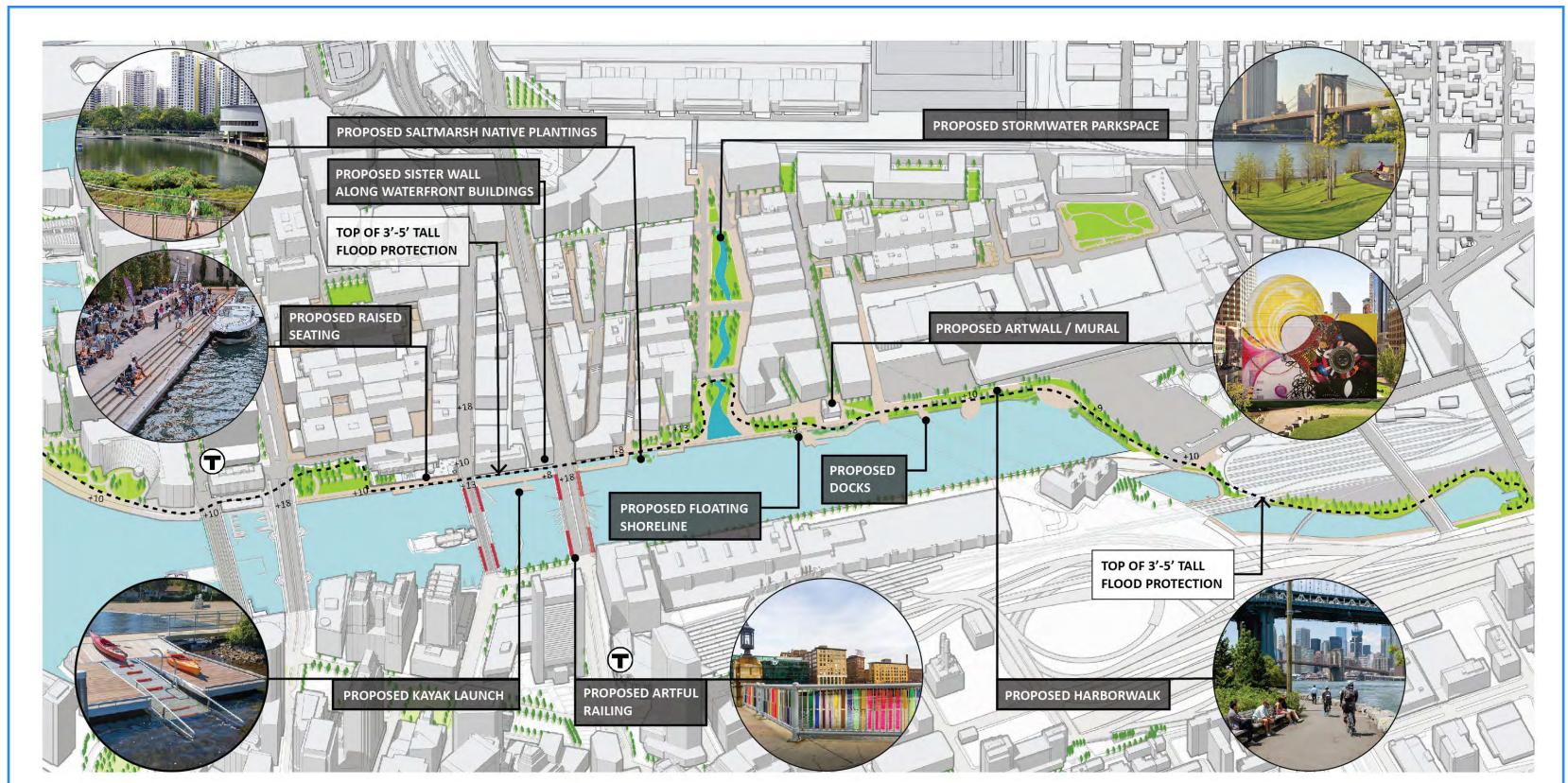
LONG-TERM FLOOD PROTECTION OPTIONS FOR FORT POINT CHANNEL







OPTION A



Option A uses both planned development as well as opportunities for recreation to increase flood protection along Fort Point Channel

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT

KEY CONSIDERATIONS

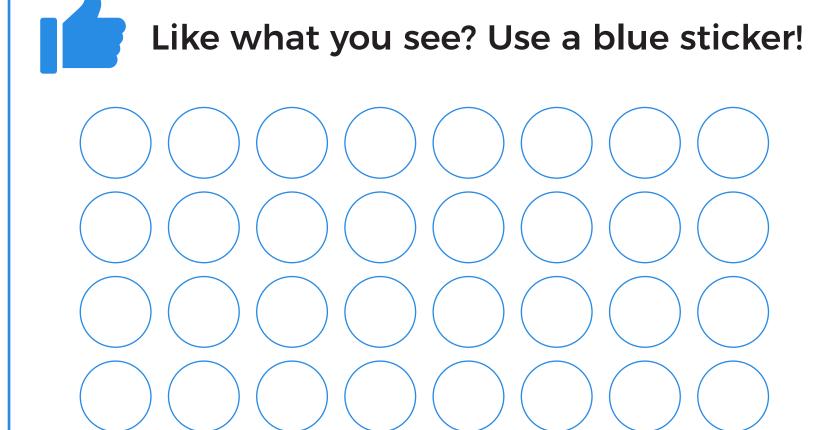
PROJECT COST PROJECT TIMEFRAME

- Limited space, water quality concerns, and the permitting issues present technical and planning challenges
- Can be implemented in phases
- Can be designed to address 36 inches of sea level rise now and may be adapted to address higher flood levels later

* Evaluation Criteria are listed in order of importance based on public input

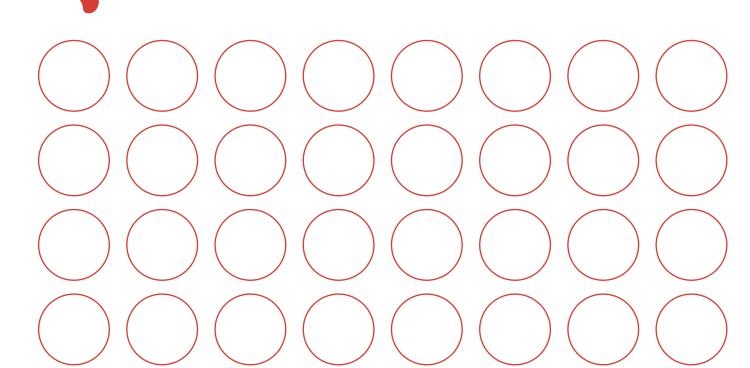
TELL US WHAT YOU THINK!

VALUE CREATION

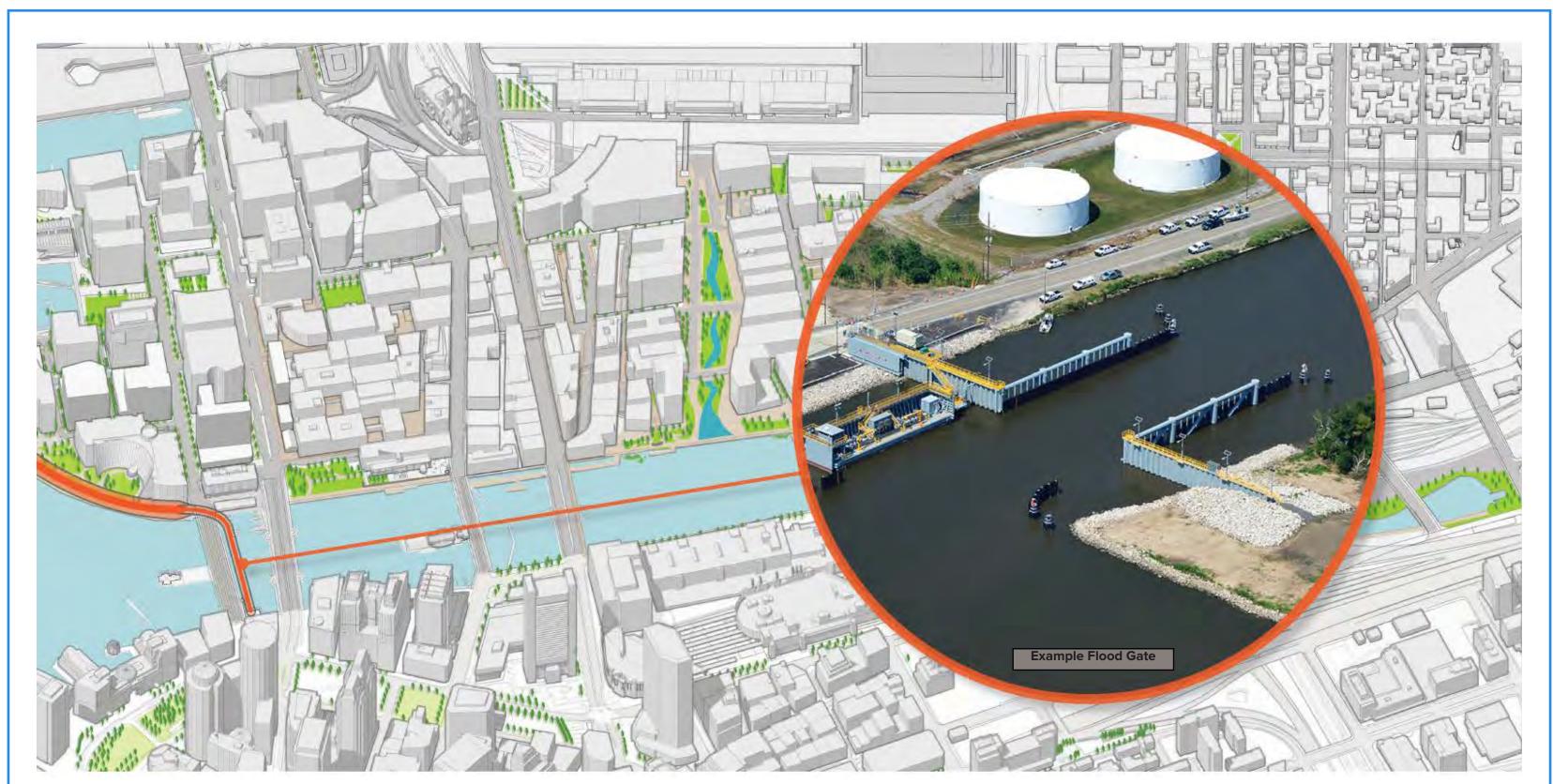


Have additional comments? Write them here!

Not so much? Use a red sticker.



OPTION B



Option B would install a mechanical flood protection solution at the mouth of the Fort Point Channel

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS	
ENVIRONMENTAL IMPACT	
DESIGN LIFE AND ADAPTABILITY	
FEASIBILITY	
EQUITY	
SOCIAL IMPACT	
VALUE CREATION	

KEY CONSIDERATIONS

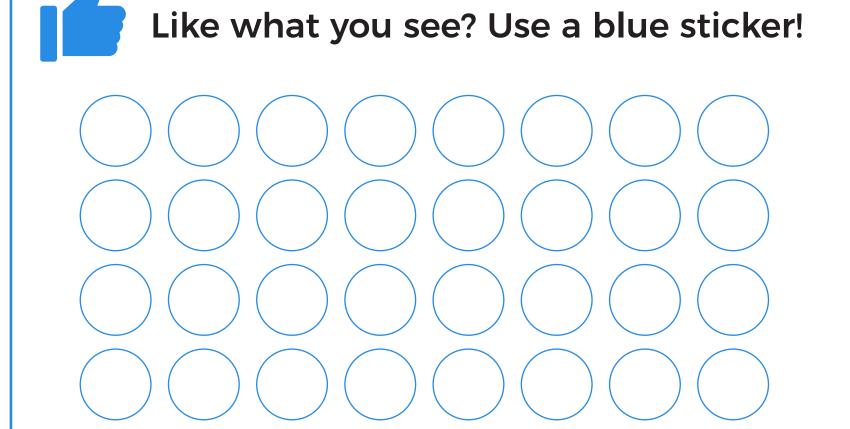
effectiveness over time

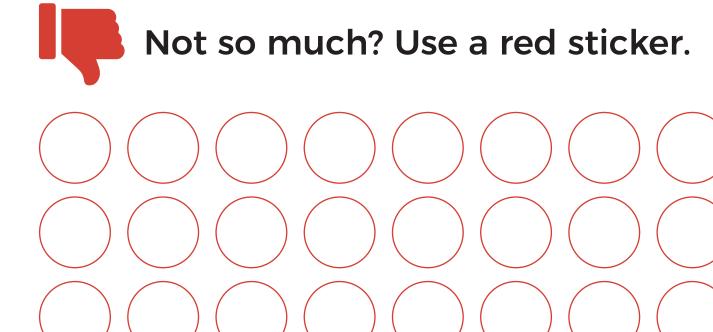
PROJECT TIMEFRAME **PROJECT COST** • Fully relies on mechanical or human action to ensure effectiveness • Likely to be more costly than shoreline solution

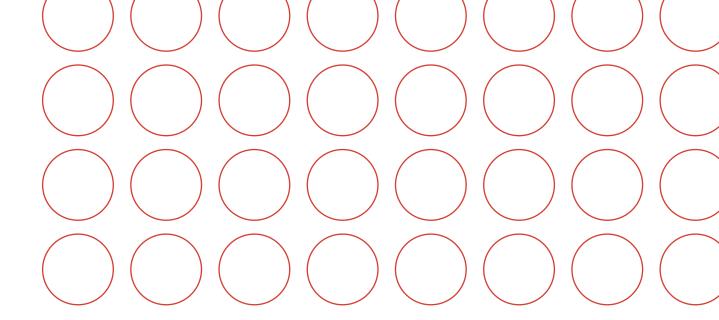
- around all of Fort Point
- Early action project or incremental solution not possible with this option
- Can be designed to address 36 inches of sea level rise now, but unlikely to be adaptable to higher flood level later and is expected to lose

* Evaluation Criteria are listed in order of importance based on public input

TELL US WHAT YOU THINK!





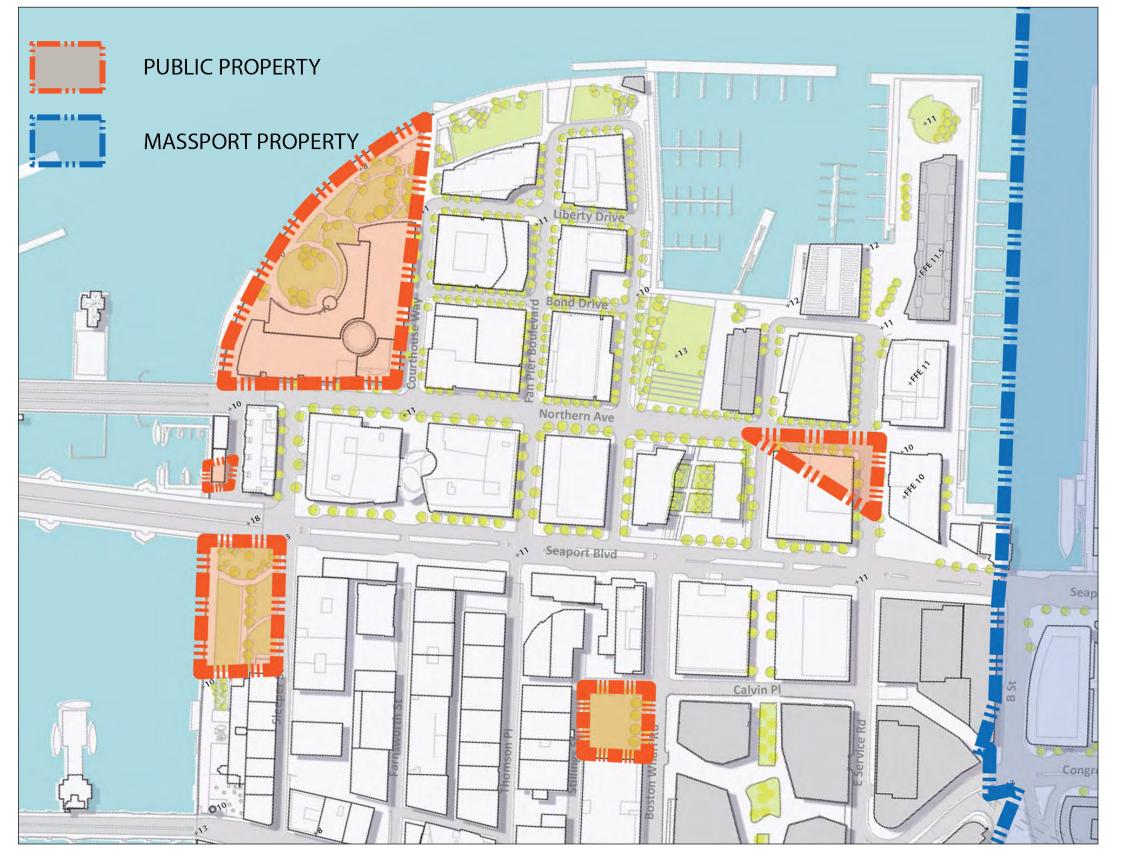


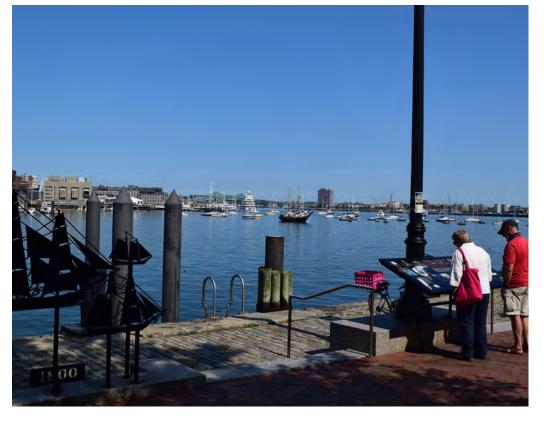


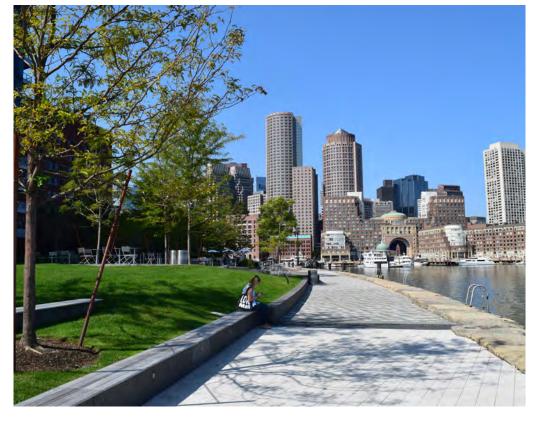
SOUTH BOSTON WATERFRONT TODAY

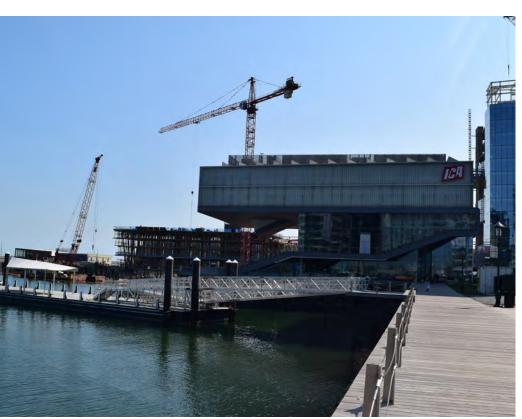


The South Boston Waterfront, which includes the Federal Courthouse, the Institute of Contemporary Art, and a mix of restaurants and new residential space, has been an area of focused development in recent years. While much of this development has been built to higher standards and has reduced risk, space constraints represent technical challenges for protecting existing properties using available land.











FUTURE FLOOD RISK



Probable Future Storm Flood Extents (at the 1% Annual Chance Storm Event)

MONTRIM HIGH TIDE - 2° SEA LEVEL RISE (2070) MONTRIM HIGH TIDE - 30° SEA LEVEL RISE (2070) TIDAL FLOOD PATHWAYS (MITT - 2° SLR) TIDAL FLOOD PATHWAYS (MITT - 2° SLR) RECENT RENOVATION TO REDUCE TIDAL FLOOD PATH

Probable Future Monthly Tidal Flood Extents (and Areas of Intervention)

WHAT WE'VE HEARD FROM YOU

The information included here is feedback received via the Climate Ready South Boston online survey and during the first Open House on December 11th. We look forward to receiving your input tonight as well!

I'm concerned about all the glass buildings that haven't taken climate change into account. Marina and other practical infrastructure is realistic and will pay for itself.

Love area around District Hall.

access.

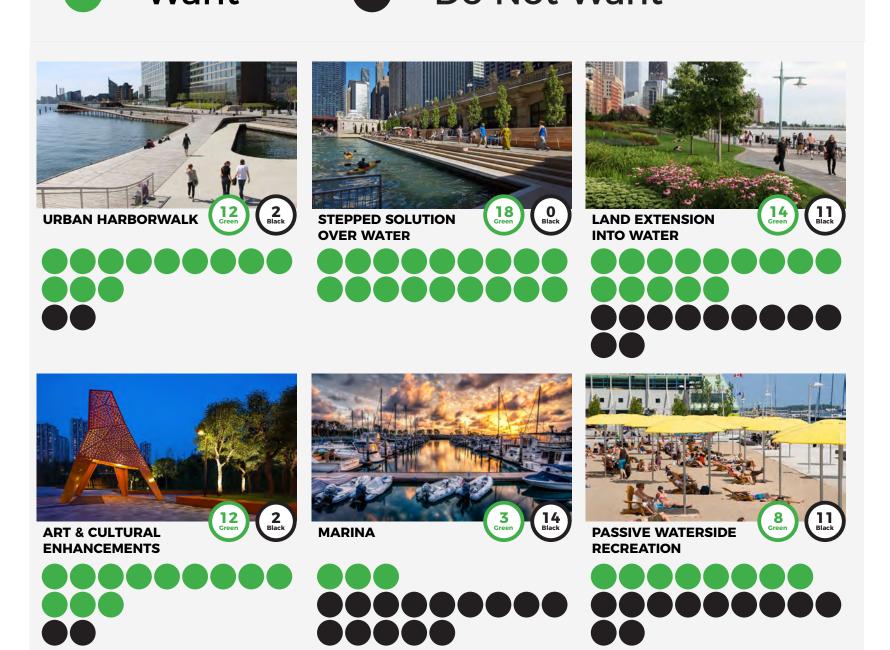
Parks & Open Space 23% Transportation 21%

Parks & Open Space 17% Transportation 29%

WHICH FLOOD PROTECTION ELEMENTS AND AMENITIES DO YOU PREFER?



= Do Not Want



WHAT ARE YOUR WATERFRONT PUBLIC SPACE PREFERENCES?

= something you love

= something you want to change

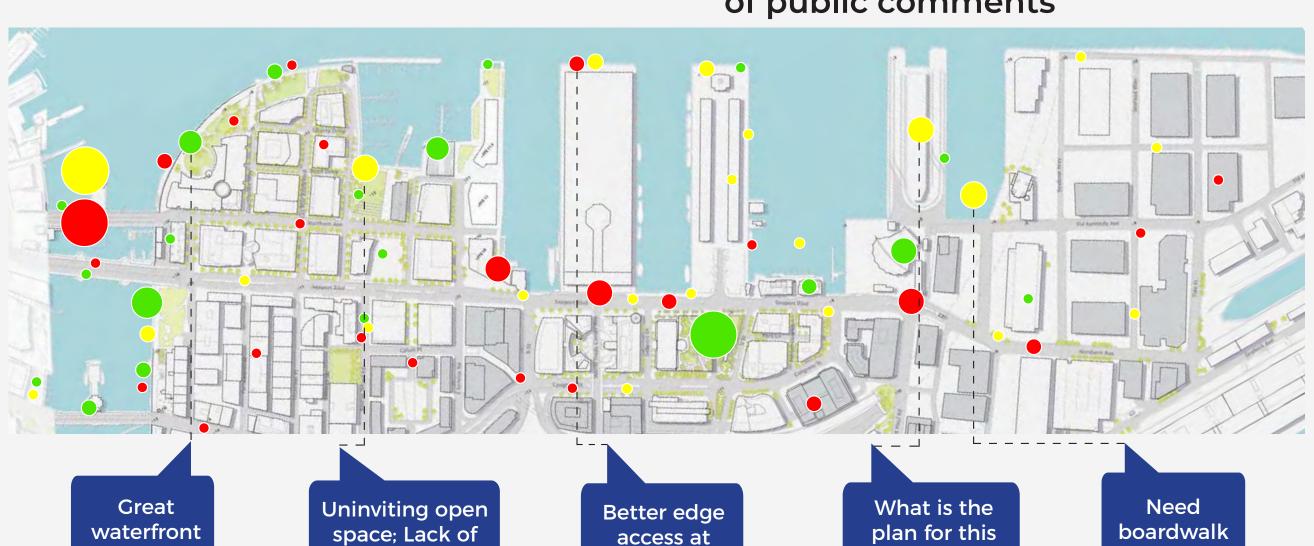
activation.

= something you want to add

*Larger circle size denotes clustering of public comments

valuable dry

dock?



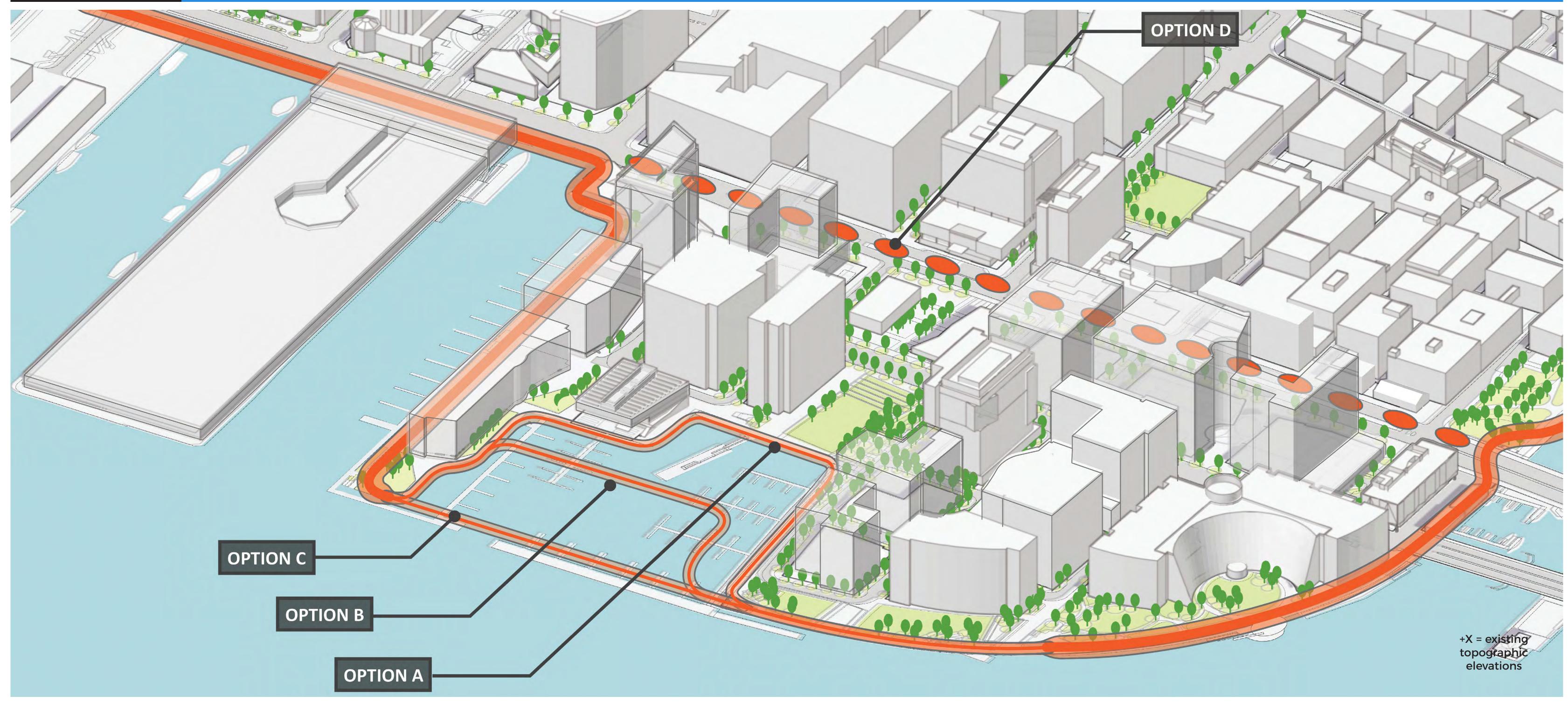
World Trade

Center.

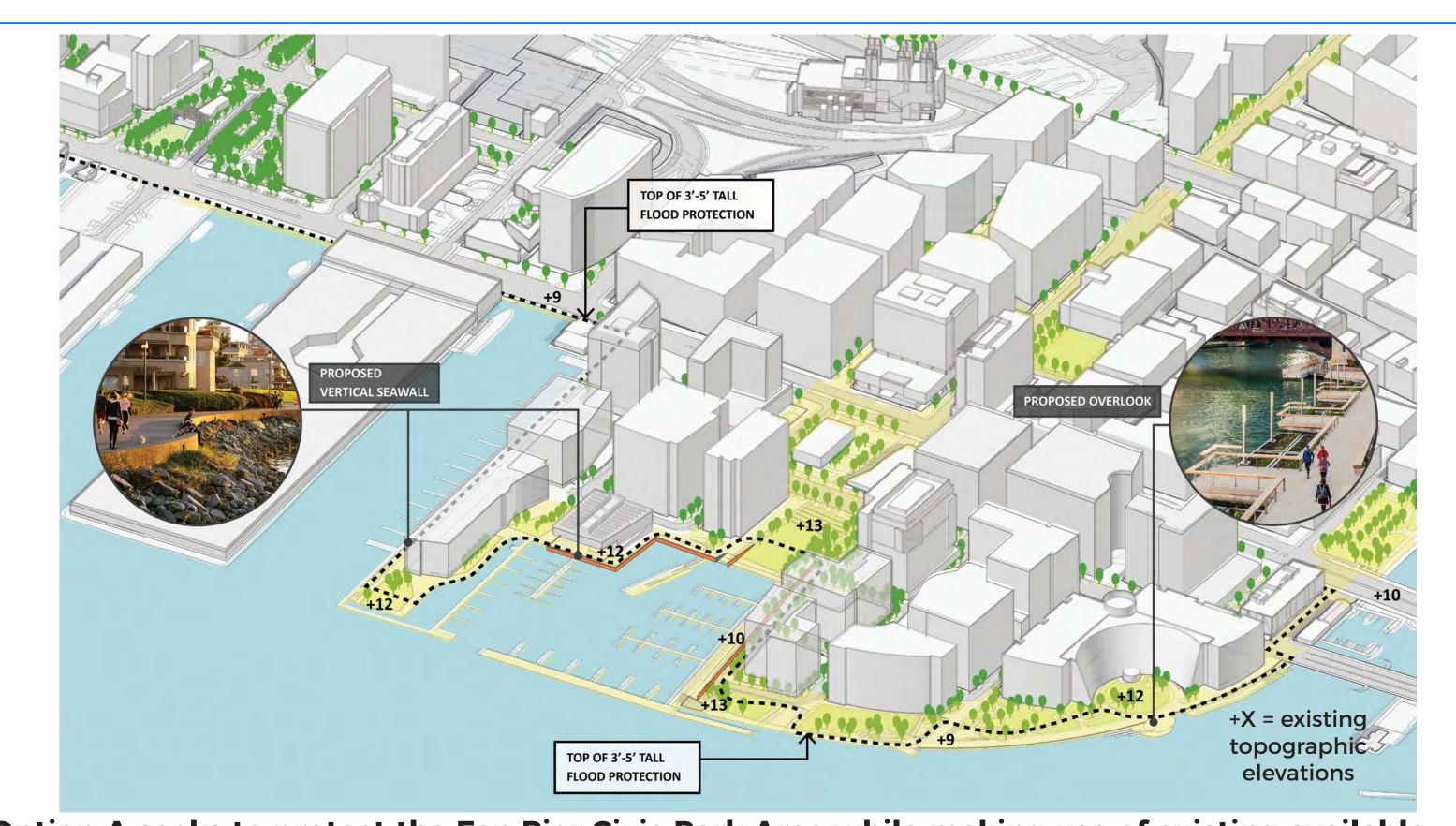
LONG-TERM FLOOD PROTECTION OPTIONS FOR SOUTH BOSTON WATERFRONT







OPTION A



Option A seeks to protect the Fan Pier Civic Park Area while making use of existing available space.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT VALUE CREATION

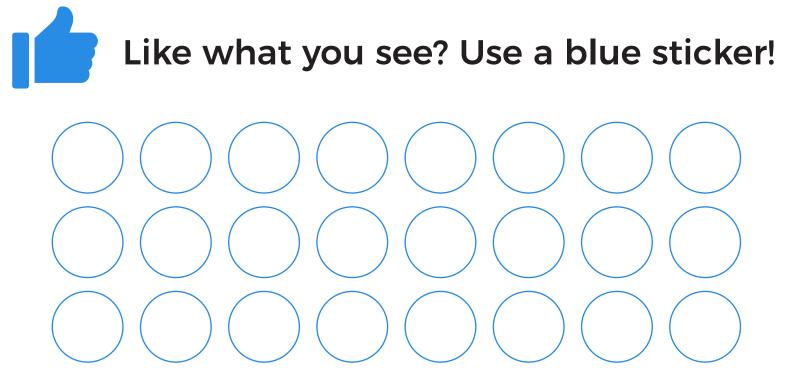
KEY CONSIDERATIONS

PROJECT COST PROJECT TIMEFRAME

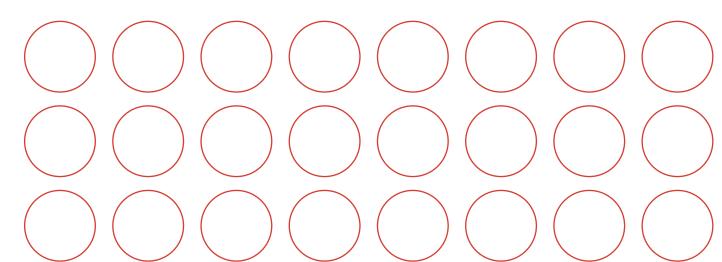
- Existing green space: earthen berms and grading will be used to minimally interrupt the landscape
- Can be designed to address 36 inches of sea level rise now, and may be adapted to address higher flood levels later

* Evaluation Criteria are listed in order of importance based on public input

TELL US WHAT YOU THINK!

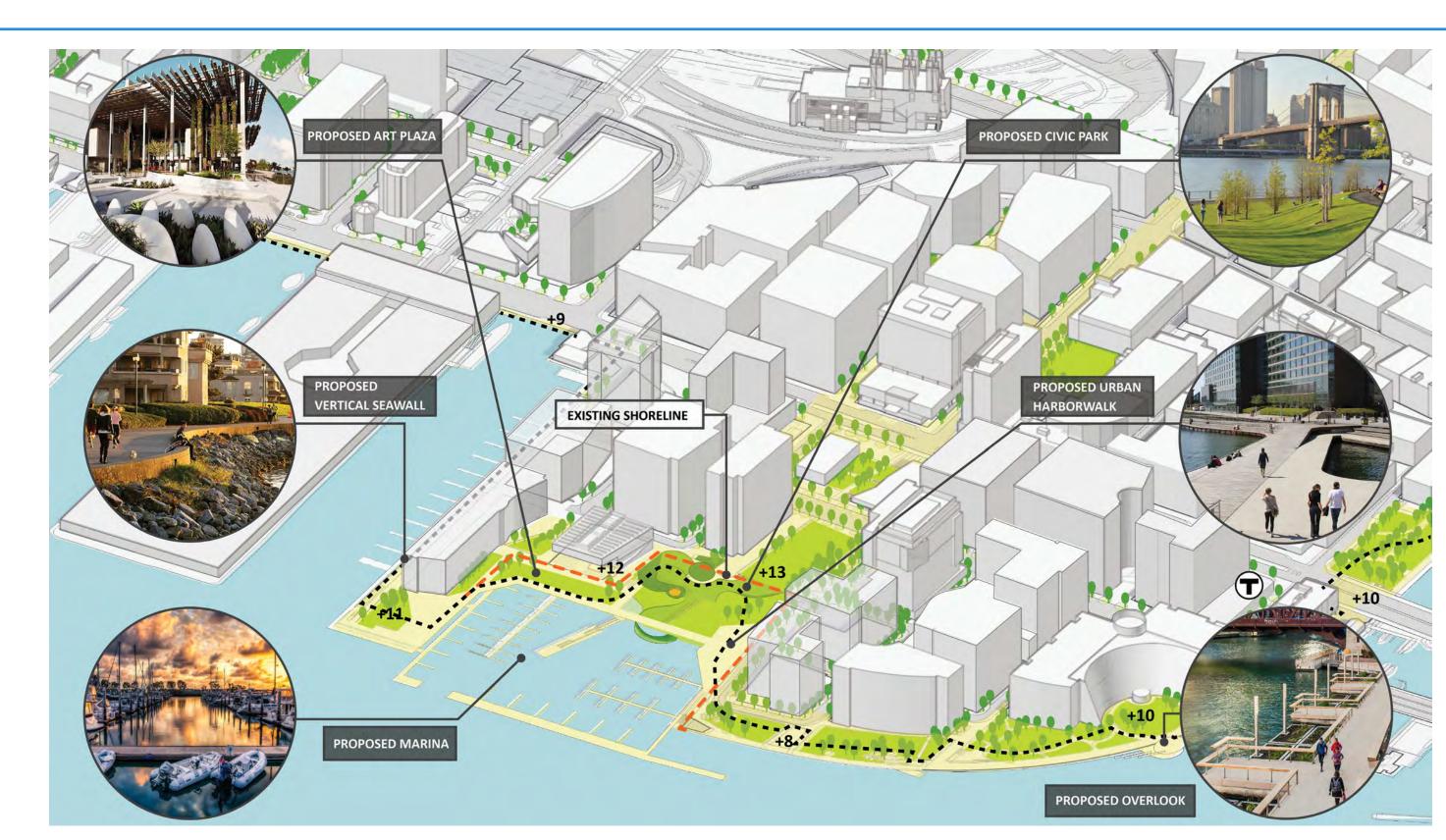


Not so much? Use a red sticker.



Have additional comments? Write them here!

OPTION B



Option B is similar to Option A, but would build out into the existing marina to expand public space and recreation areas.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS	
ENVIRONMENTAL IMPACT	
DESIGN LIFE AND ADAPTABILITY	
FEASIBILITY	
EQUITY	
SOCIAL IMPACT	
VALUE CREATION	

* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

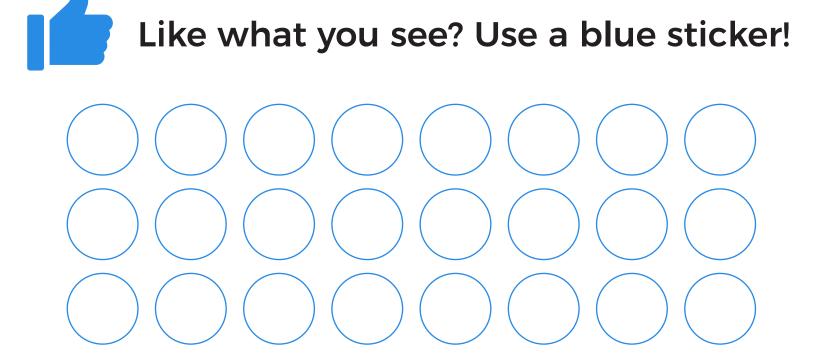
PROJECT COST from flood loss • Living/green shoreline feature optional at water's edge be resolved

 Completely passive solution - would require no mechanical or human effort in order to protect

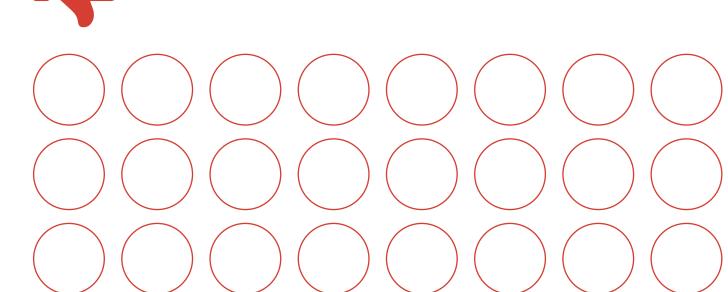
PROJECT TIMEFRAME

- "Making land" has permitting challenges that must
- Can be designed to address 36 inches of sea level rise now, and may be adapted to address higher flood levels later

TELL US WHAT YOU THINK!



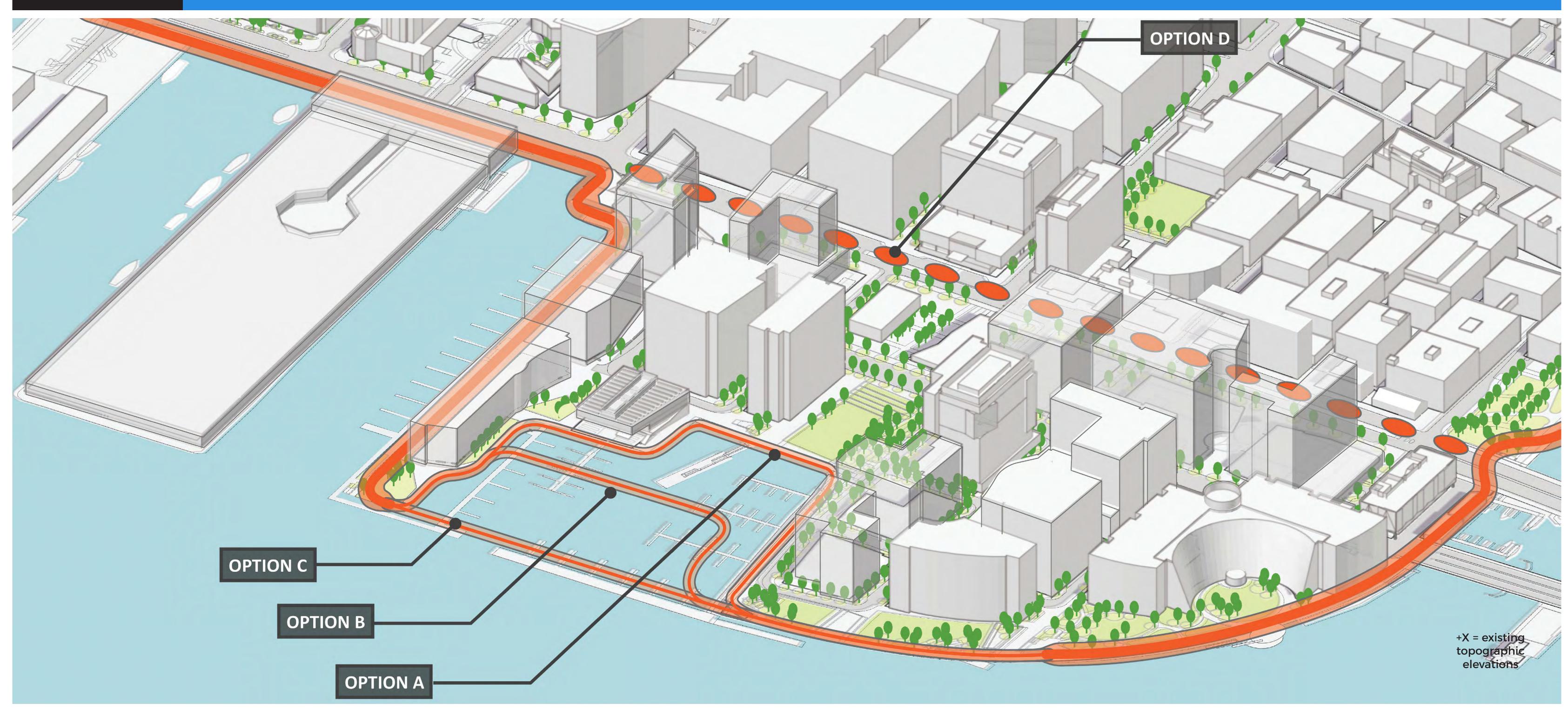
Not so much? Use a red sticker.



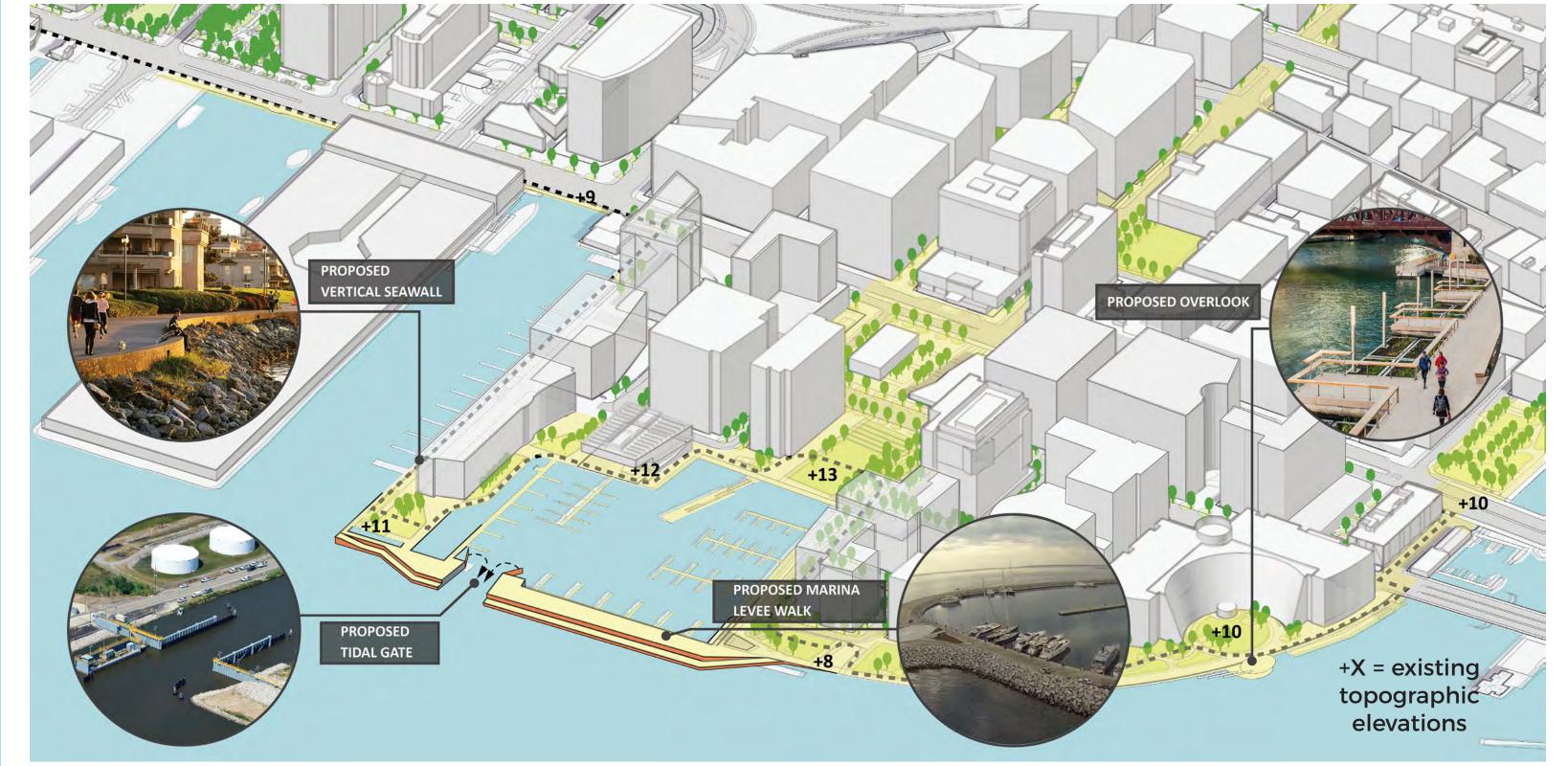
LONG-TERM FLOOD PROTECTION OPTIONS FOR SOUTH BOSTON WATERFRONT







OPTION C



Option C would include a new Harborwalk/Levee across the Marina entrance with a floodgate for boat entry and exit.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT VALUE CREATION

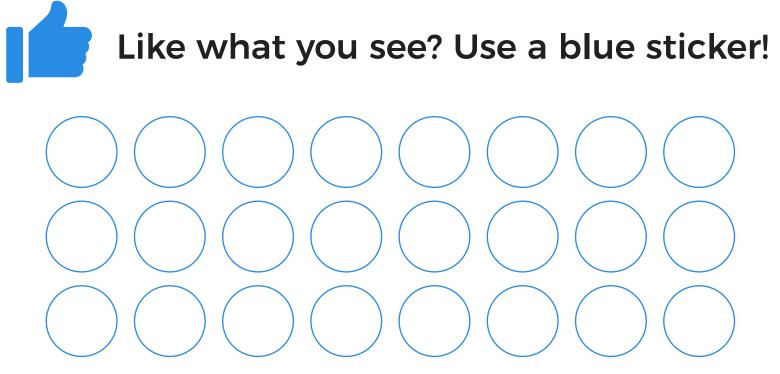
* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

PROJECT COST

- Existing harborwalk does not change along inner marina or to the west
- Can be designed to address 36 inches of sea

TELL US WHAT YOU THINK!



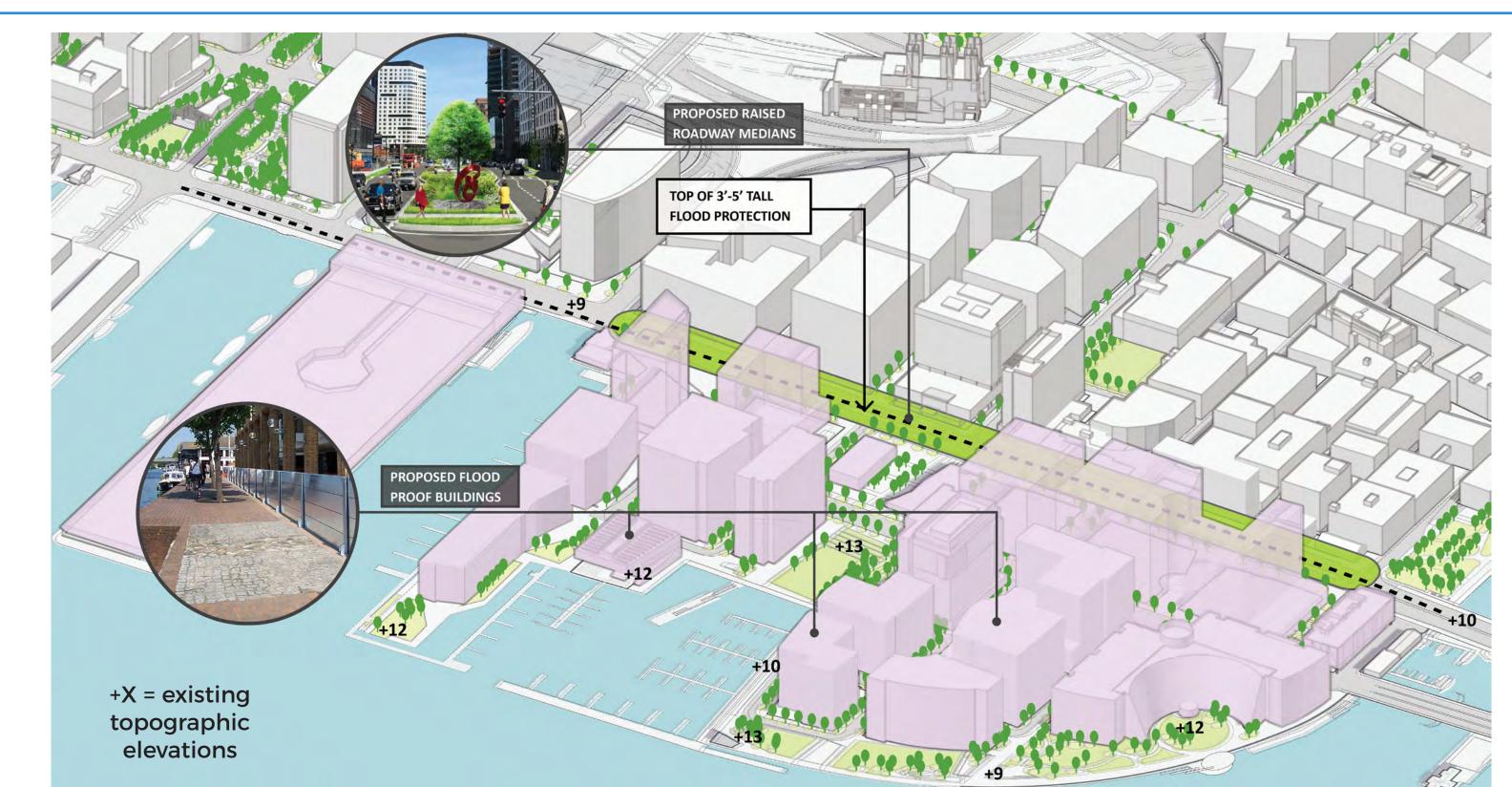
Have additional comments? Write them here!

PROJECT TIMEFRAME

- Water flow in marina may be limited, potentially affecting water quality
- level rise now, but will eventually have to be permanently closed or significantly modified to address frequent or higher flooding later
- Mechanical gates introduce potential for failure

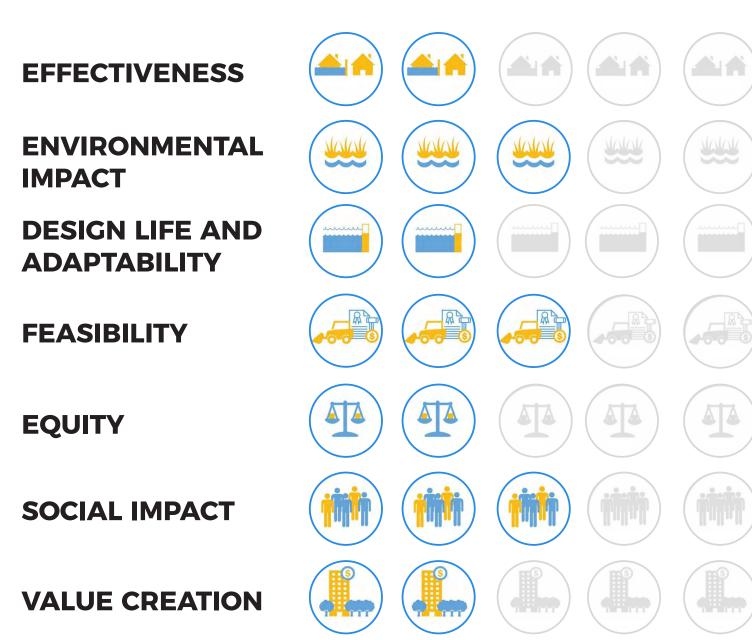
Not so much? Use a red sticker.

OPTION D



Option D uses potential improvements to Seaport Boulevard. Floodwall in the form of raised center roadway and planters would be constructed. Requires floodproofing of structures, on water side of roadway as well as mechanical or manual gates at road crossings.

EVALUATION CRITERIA PERFORMANCE



* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

PROJECT COST

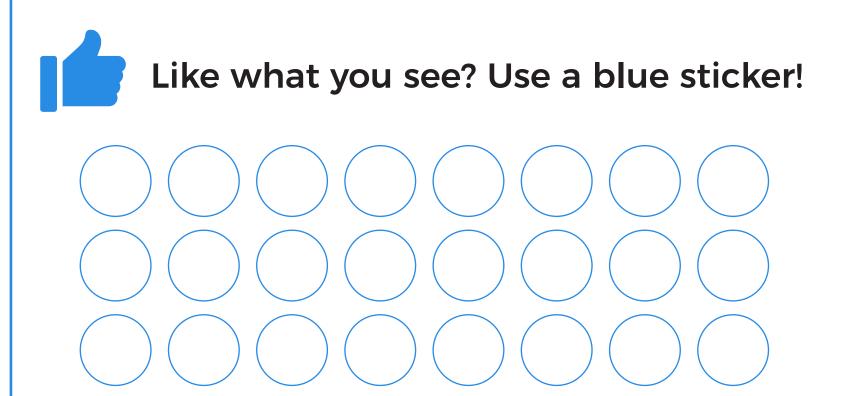
• Long term likely to take center lanes and median out of service

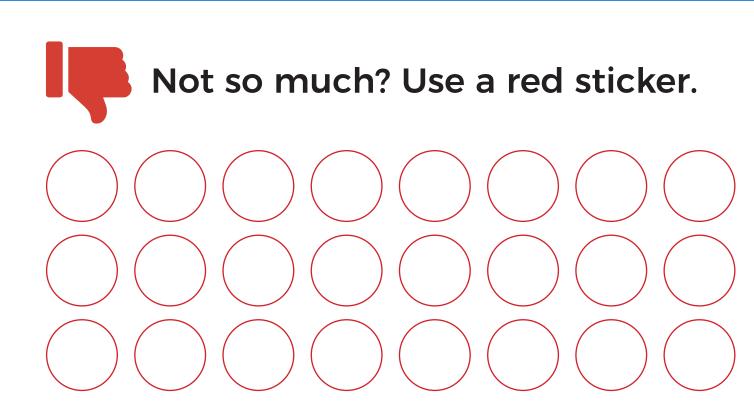
 Automatic or manual floodgates required at each cross street intersection introduces potential points of failure

PROJECT TIMEFRAME

- Leaves multiple buldings unprotected; assumes dry floodproofing or other solution for these structures, but unprotected exit areas are a concern
- Flood protection is limited by the ability to protect and floodproof individual structures

TELL US WHAT YOU THINK!

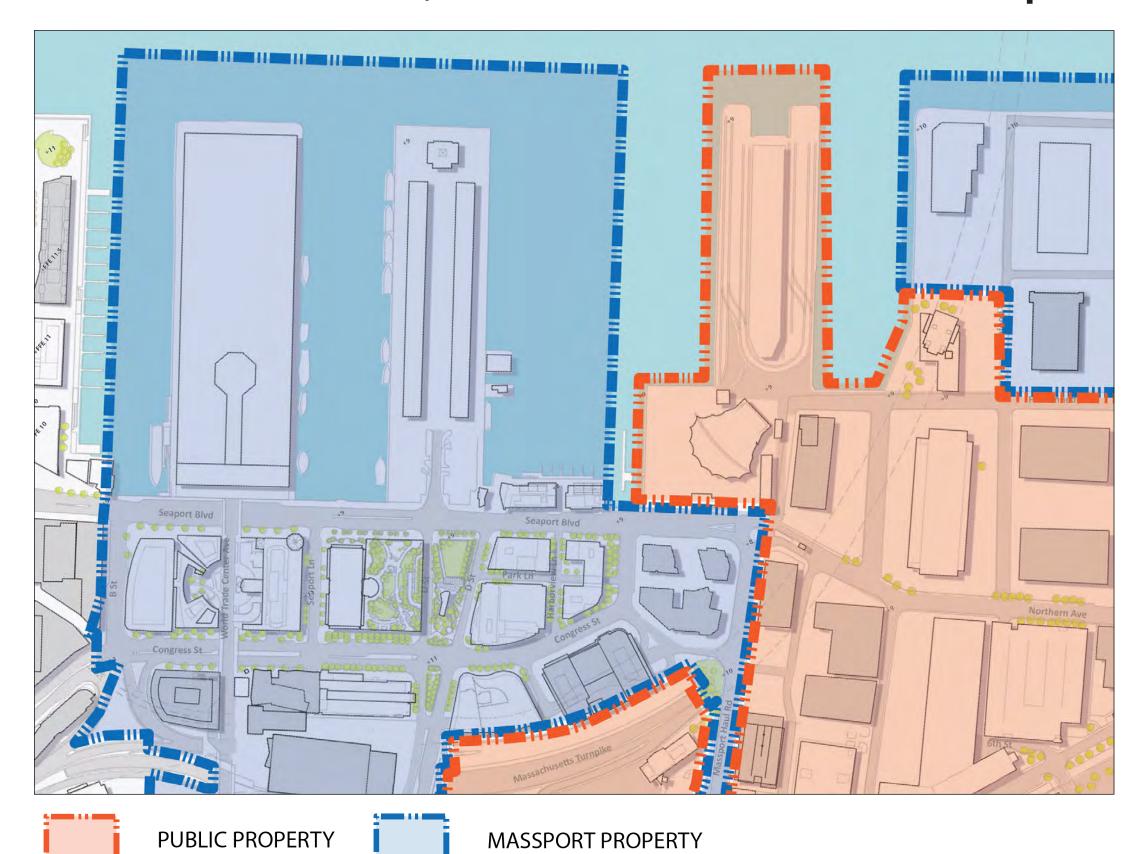




SEAPORT BOULEVARD TODAY

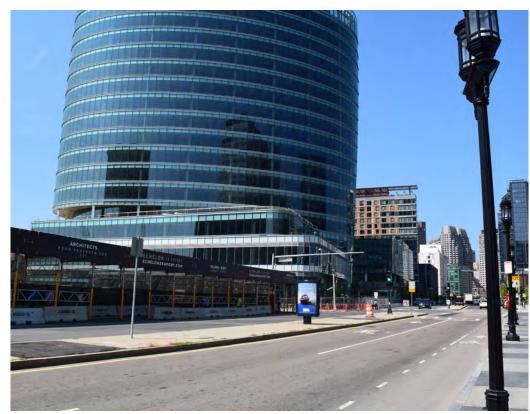


The Seaport Boulevard Area is significantly space-constrained between the existing waterfront and the roadway, which leads to technical and permitting complexities, depending upon the option selected. The World Trade Center and Fish Pier are two major destinations in the area, which also serves as a critical transportation corridor for the larger district.



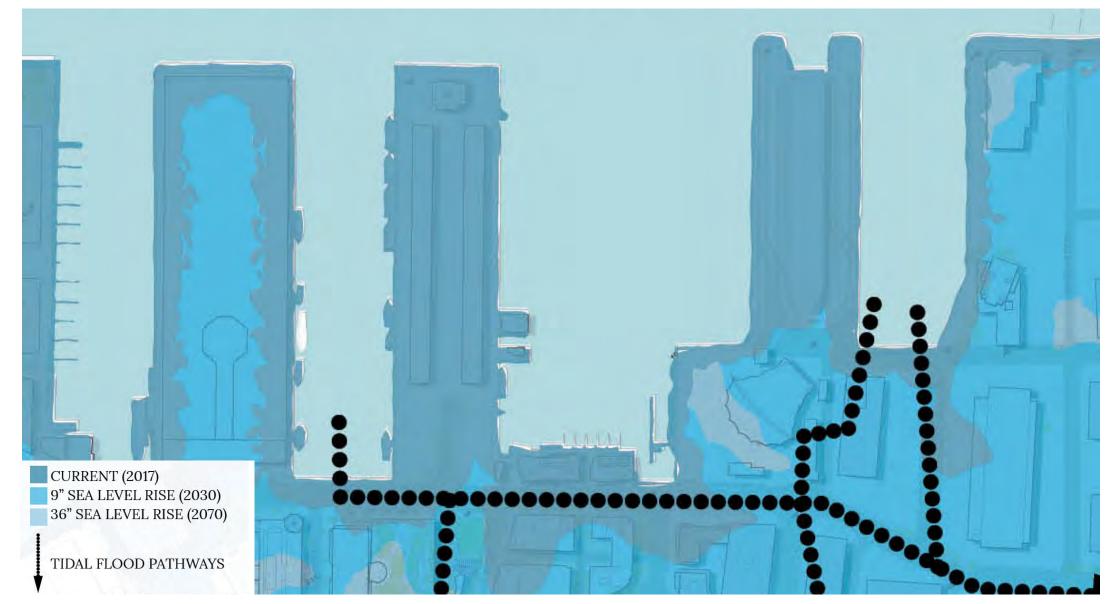








FUTURE FLOOD RISK



Probable Future Storm Flood Extents (at the 1% Annual Chance Storm Event)

MONTILLY HIGH TIDE + 2T SEA LEVEL RISE (2050) MONTILLY HIGH TIDE + 3σ SEA LEVEL RISE (2050) MONTILLY HIGH TIDE + 3σ SEA LEVEL RISE (2070) TIDAL FLOOD PATHWAYS (MHT + 3σ S SLE) TIDAL FLOOD PATHWAYS (MHT > 3σ S SLE) RECENT RENOVATION TO REDUCE TIDAL FLOOD PATH

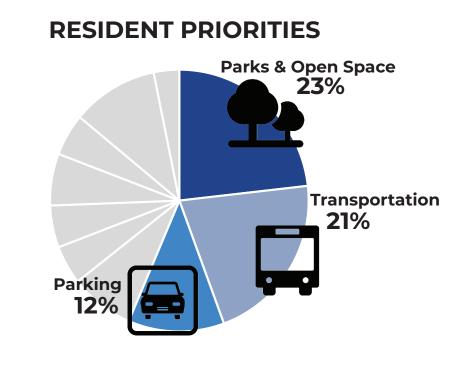
Probable Future Monthly Tidal Flood Extents (and Areas of Intervention)

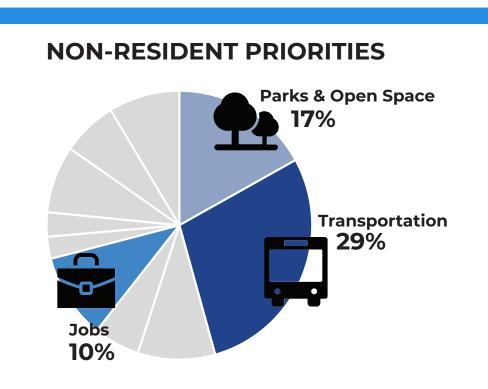
WHAT WE'VE HEARD FROM YOU

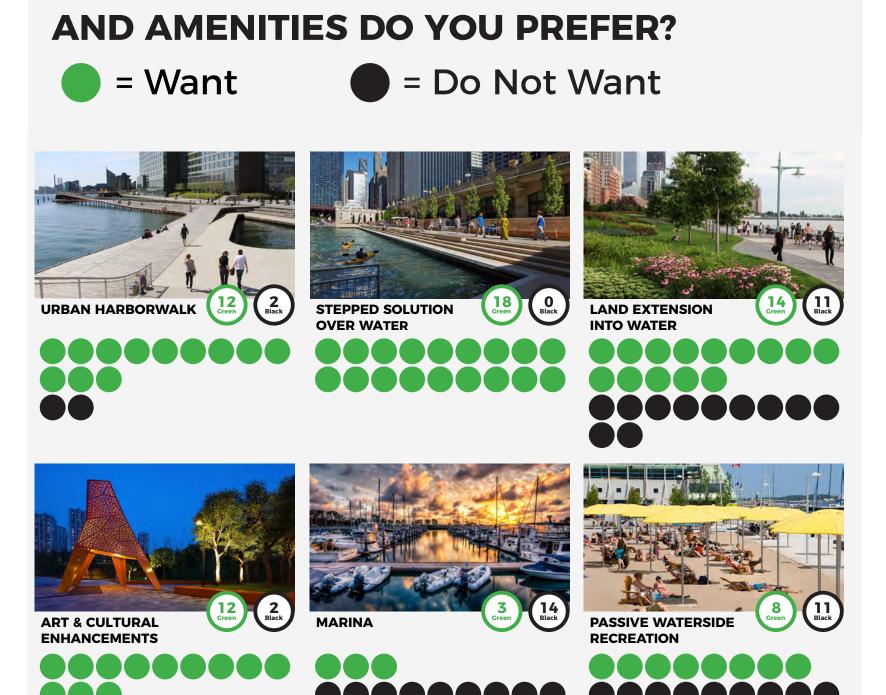
The information included here is feedback received via the Climate Ready South Boston online survey and during the first Open House on December 11th. We look forward to receiving your input tonight as well!

I'm concerned about all the glass buildings that haven't taken climate change into account. Marina and other practical infrastructure is realistic and will pay for itself.

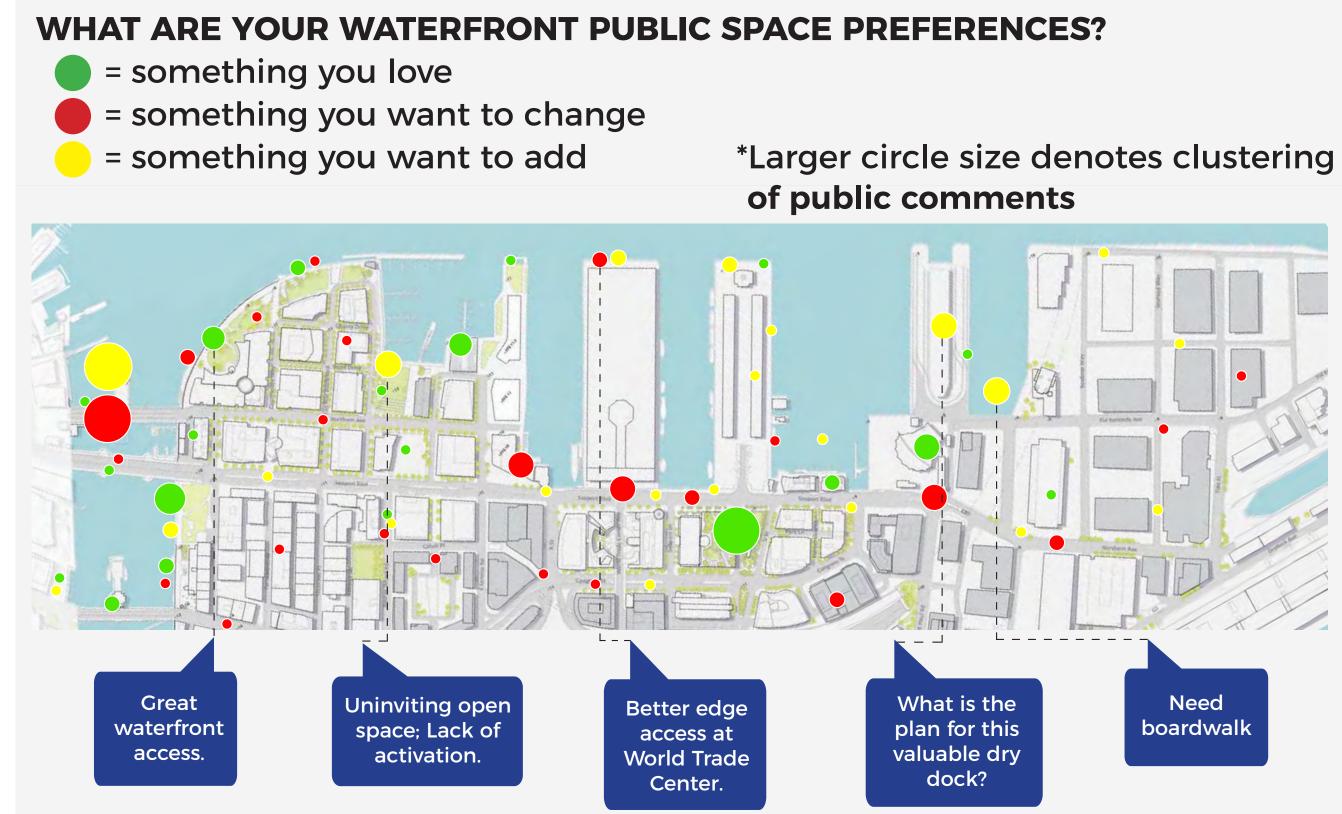
Love area around District Hall.







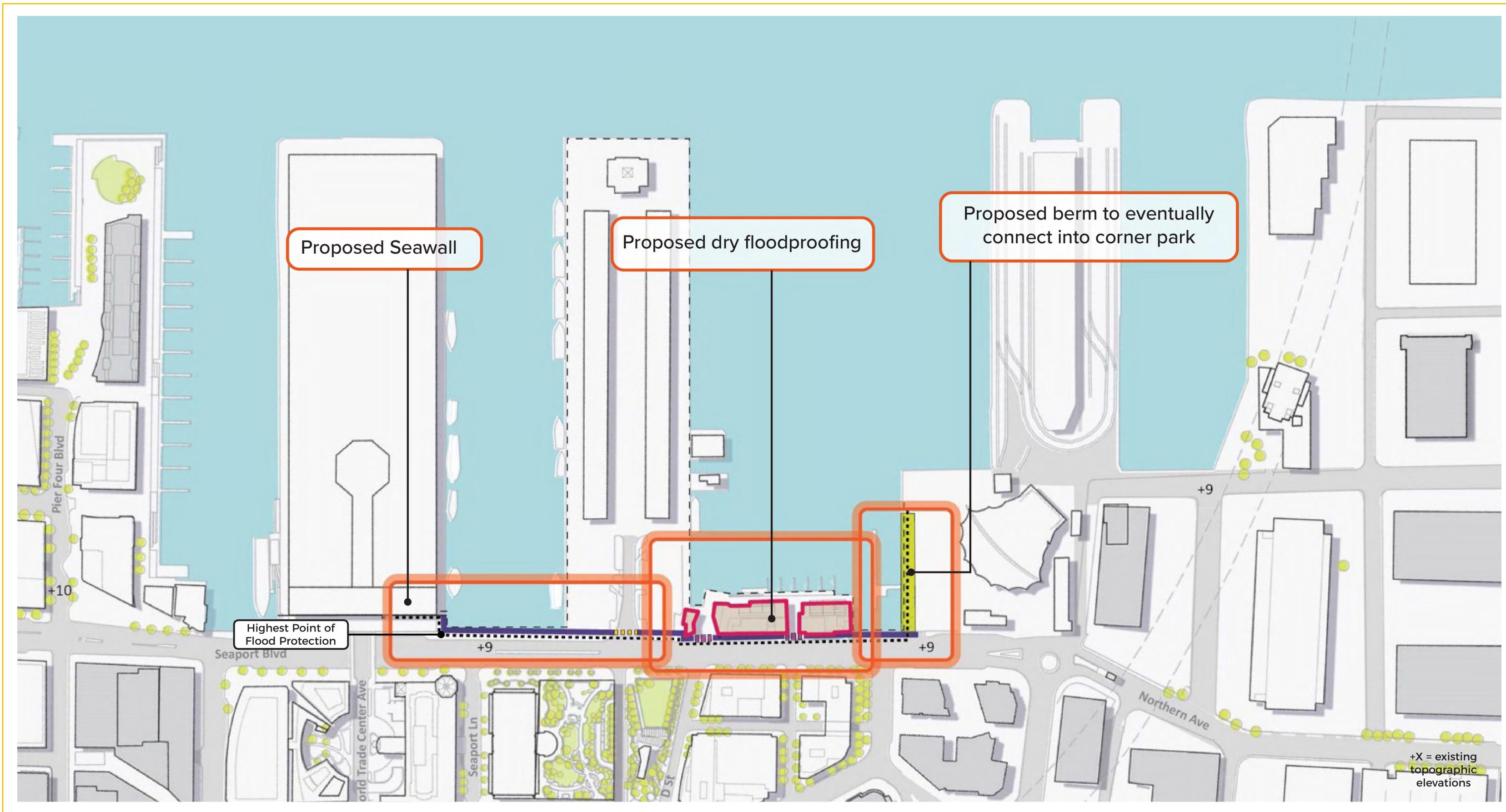
WHICH FLOOD PROTECTION ELEMENTS



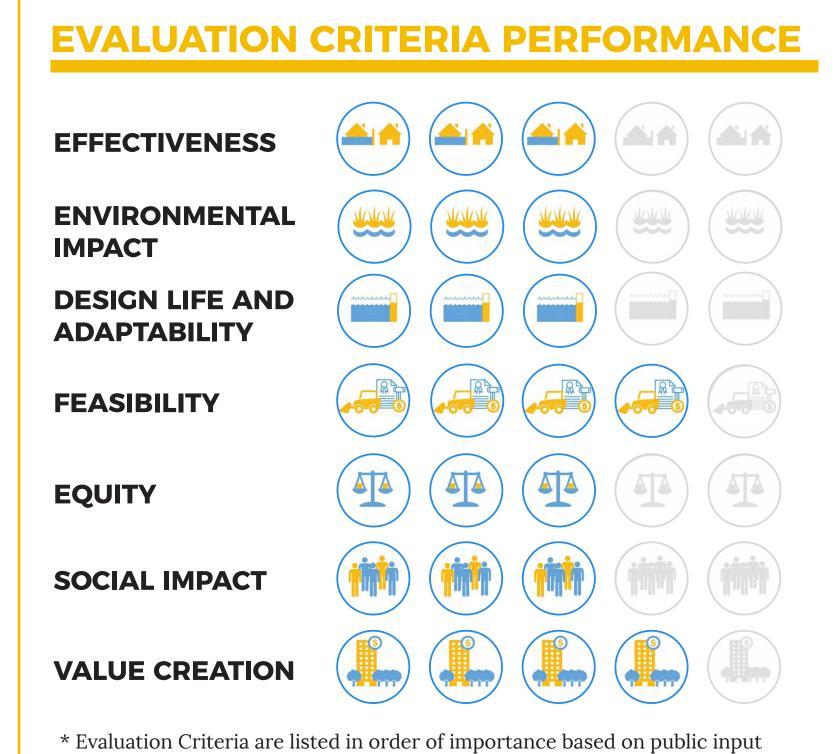
EARLY-ACTION FLOOD PROTECTION OPTION FOR SEAPORT BOULEVARD







Early Action A seeks to protect the Seaport Boulevard Area while making use of existing available open space.



TELL US WHAT YOU THINK!

KEY CONSIDERATIONS

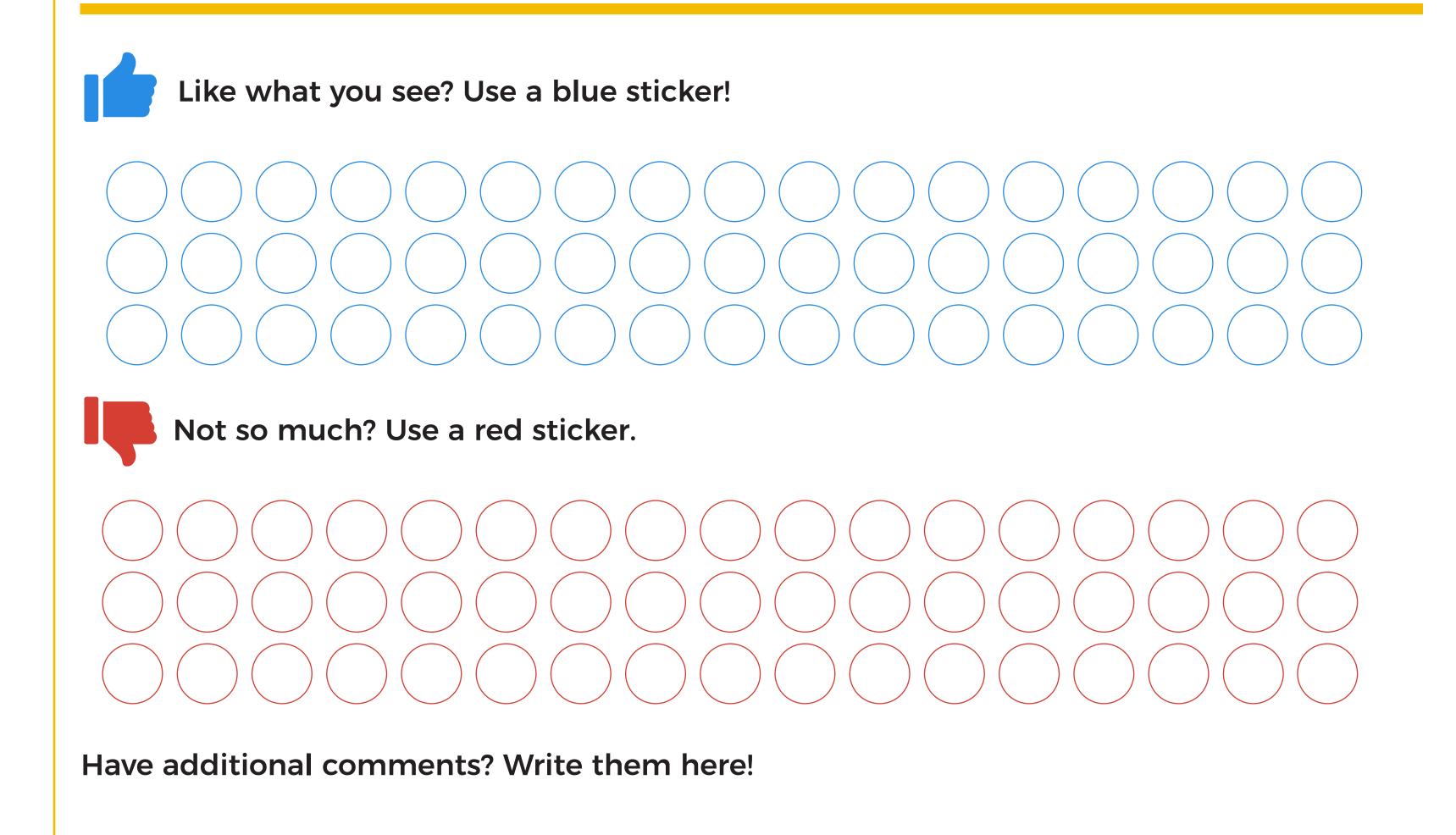
PROJECT COST
PROJECT TIMEFRAME

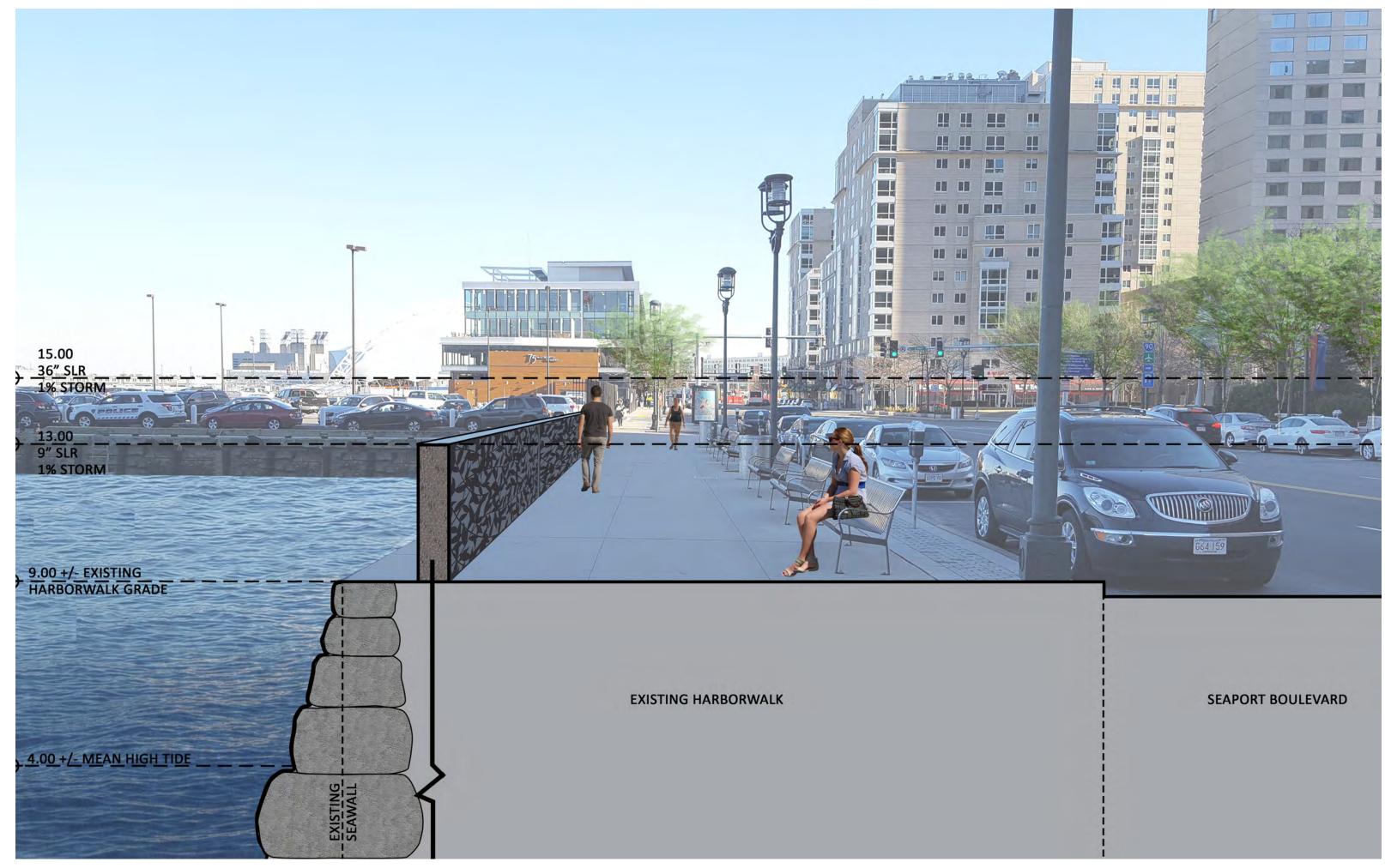
\$ \$ \$ \$

- Existing green space: flood walls and grading will be used to minimally change the landscape
- Multiple mechanical gates represent potential points of failure
- Can be designed to address 36 inches of sea level rise now, and may be adapted to address higher flooding later



Seaport Boulevard Today



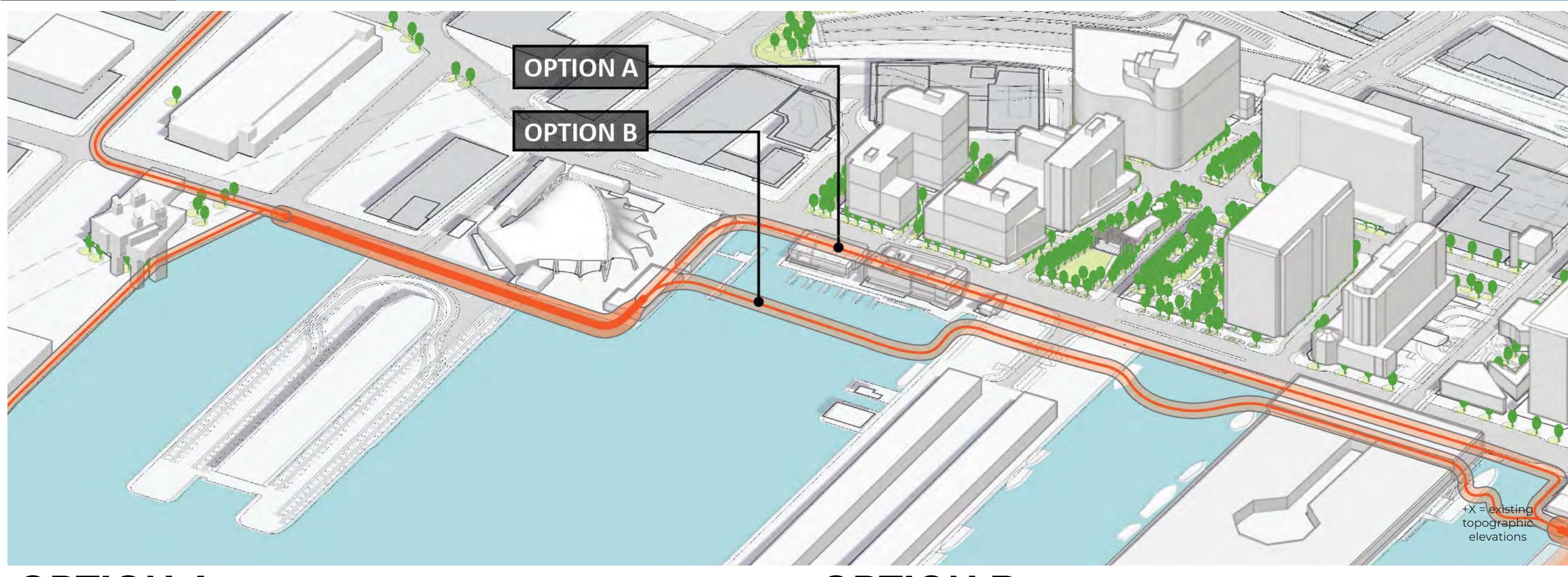


Seaport Boulevard with Early-Action Improvements

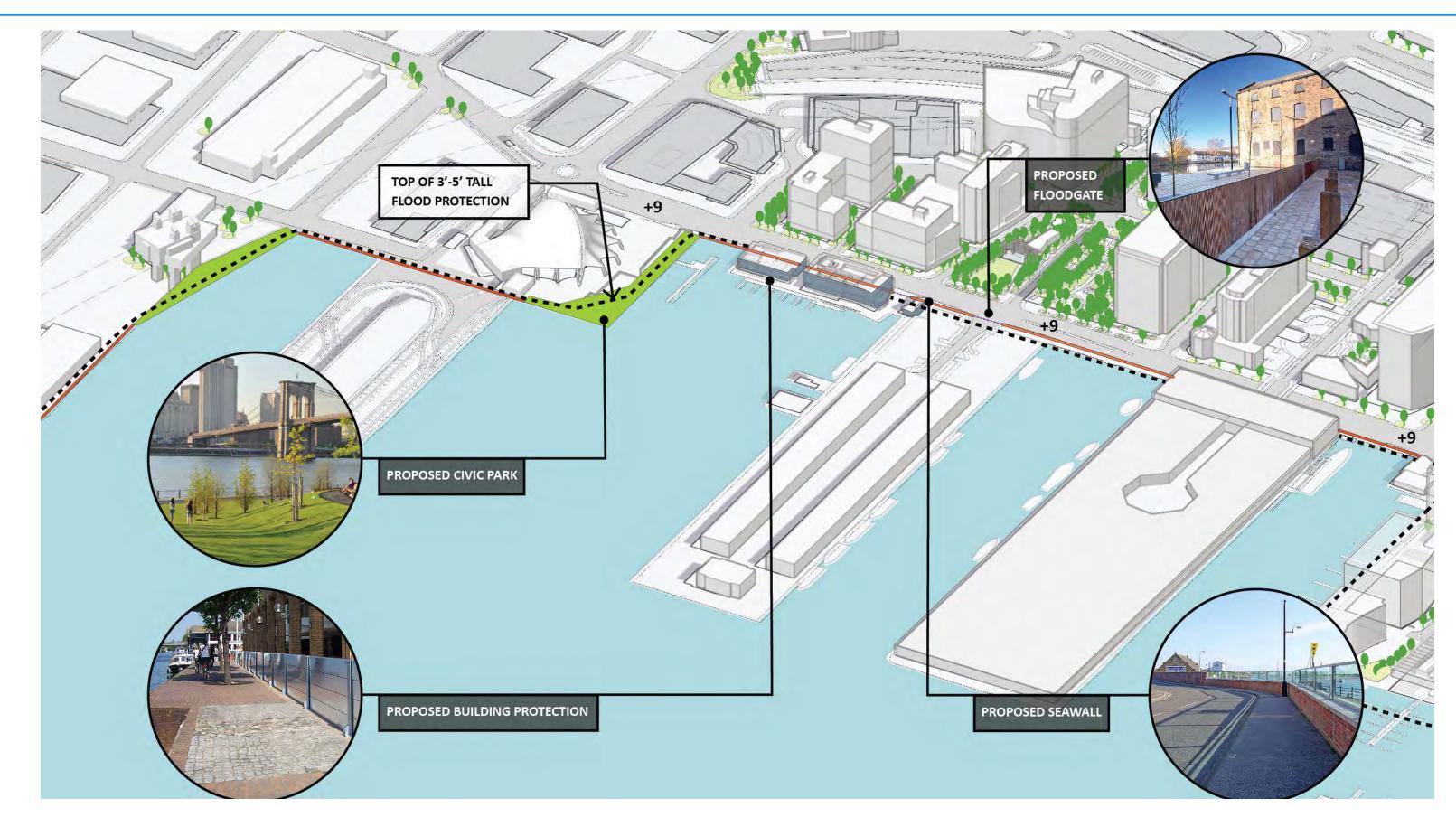
LONG-TERM FLOOD PROTECTION OPTIONS FOR SEAPORT BOULEVARD







OPTION A



Option A seeks to protect the Seaport Boulevard Area while making use of existing available space.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT VALUE CREATION

KEY CONSIDERATIONS

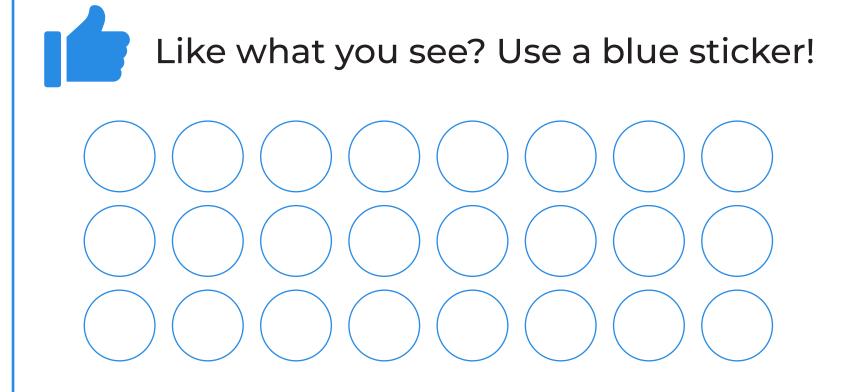
PROJECT COST



- Existing green space: flood walls and grading will
- Multiple mechanical gates represent potential points of failure
- Can be designed to address 36 inches of sea level rise now, and may be adapted to address higher

* Evaluation Criteria are listed in order of importance based on public input

TELL US WHAT YOU THINK!



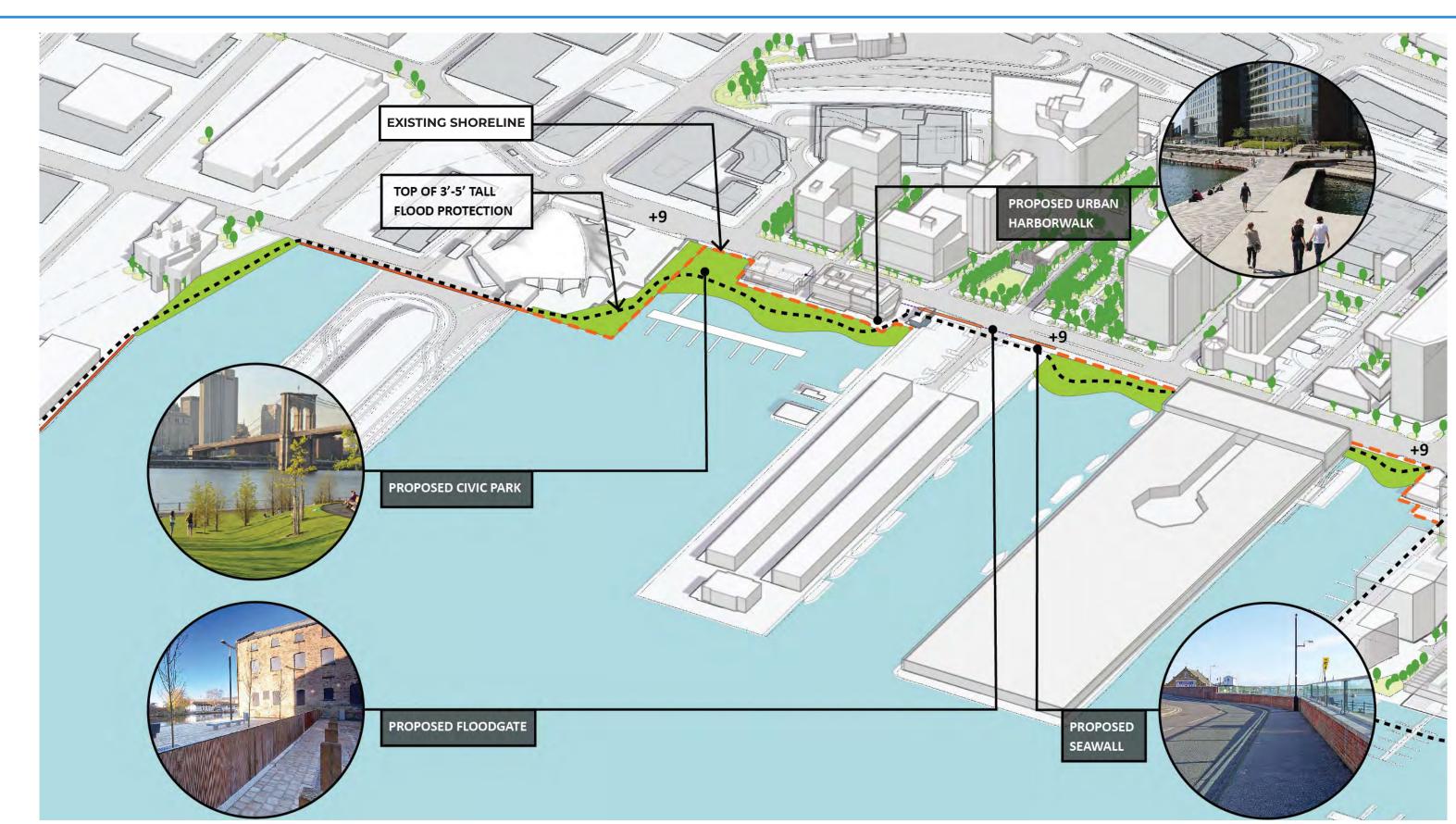
Have additional comments? Write them here!

\$

- be used to minimally change the landscape
- flooding later

Not so much? Use a red sticker.

OPTION B



Option B is similar to Option A, but would build out into the water to expand public park space.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT VALUE CREATION

* Evaluation Criteria are listed in order of importance based on public input

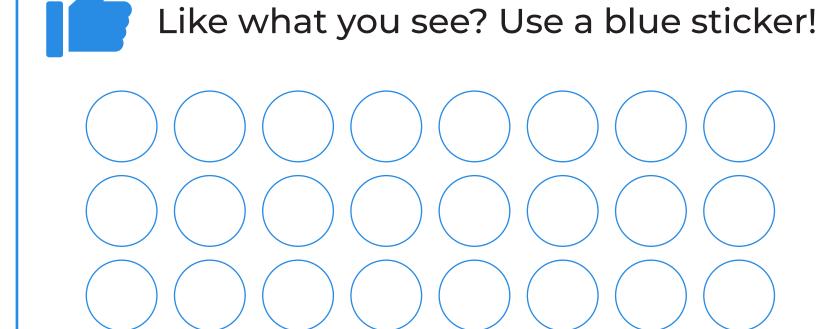
KEY CONSIDERATIONS

PROJECT COST

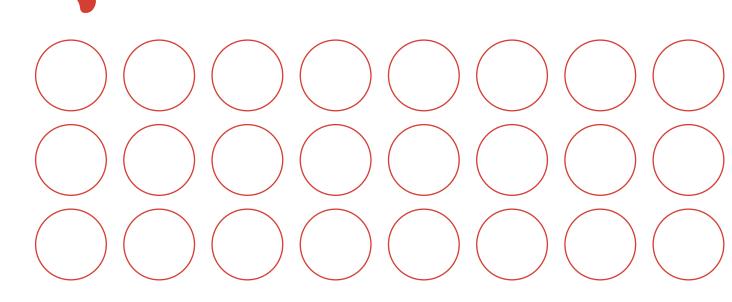
PROJECT TIMEFRAME

- Long term opportunity to significantly improve public park space
- Requires only one mechanical gate (on Fish Pvier)
- "Making land" presents permitting challenges
- Can be designed to address 36 inches of sea level rise, now, and may be adapted to address higher flooding later

TELL US WHAT YOU THINK!



Not so much? Use a red sticker.

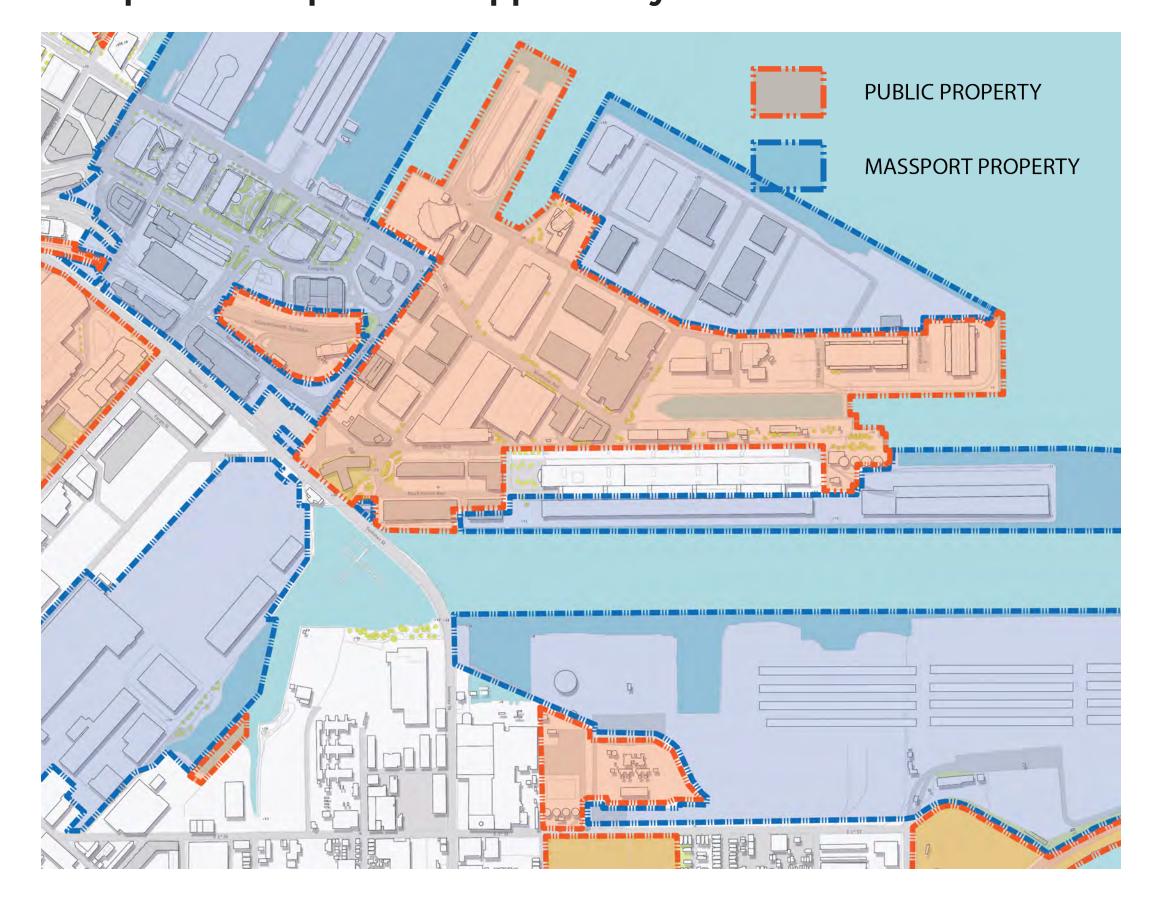


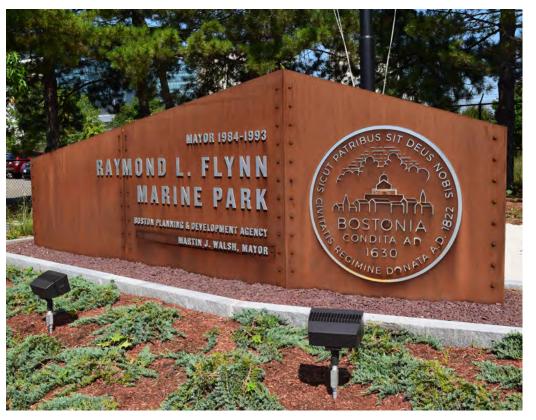


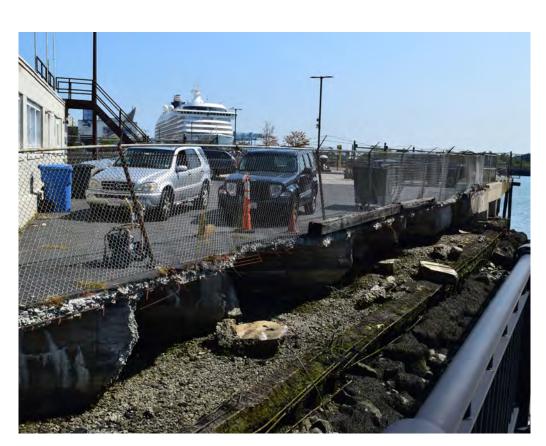
MARINE INDUSTRIAL PARK TODAY



The Marine Industrial Park is currently, and is expected to continue to be, a concentration of water dependent industries with heavy reliance on key primary and secondary transportation routes through the district. Significant planned development in the area presents a potential opportunity to build resilience over time.



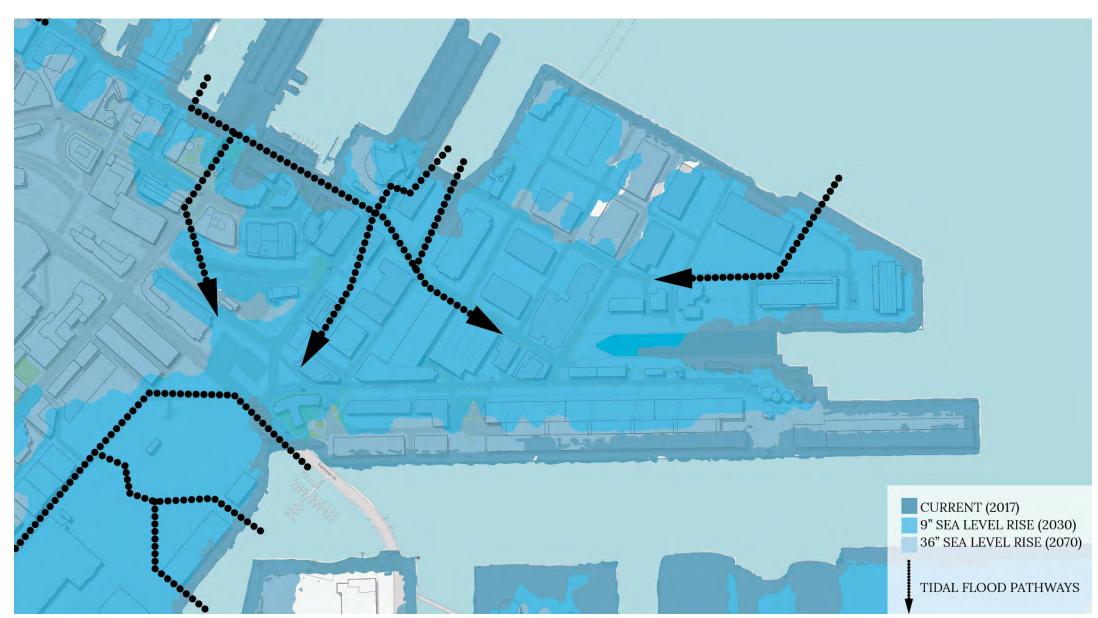








FUTURE FLOOD RISK



Probable Future Storm Flood Extents (at the 1% Annual Chance Storm Event)

MONTHLY HIGH TIDE + 21" SEA LEVEL RISE (2050) MONTHLY HIGH TIDE + 36" SEA LEVEL RISE (2070 TIDAL FLOOD PATHWAYS (MHT + 21" SLR) TIDAL FLOOD PATHWAYS (MHT + 36" SLR) RECENT RENOVATION TO REDUCE TIDAL FLOOD PATH

Probable Future Monthly Tidal Flood Extents (and Areas of Intervention)

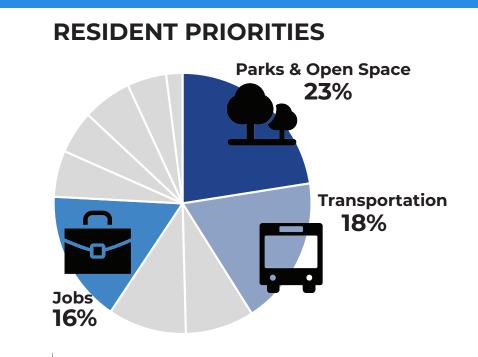
WHAT WE'VE HEARD FROM YOU

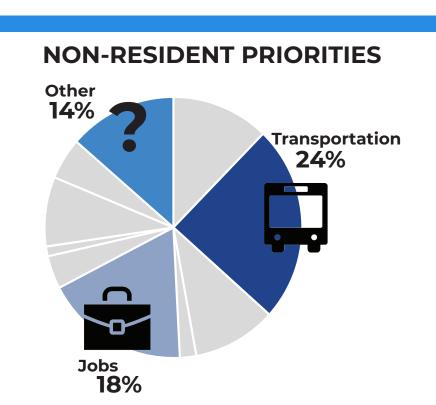
The information included here is feedback received via the Climate Ready South Boston online survey and during the first Open House on December 11th. We look forward to receiving your input tonight as well!



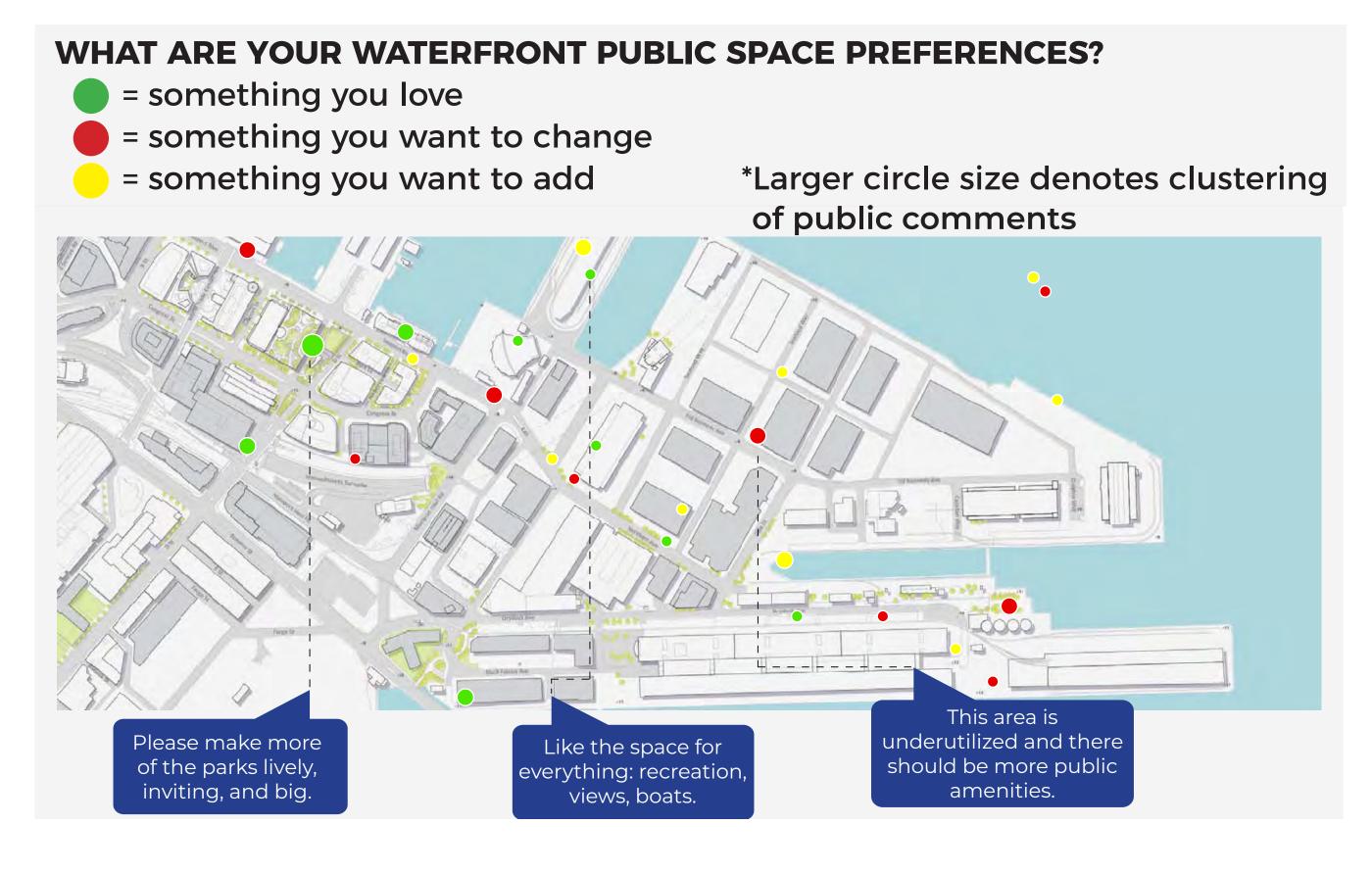
We like the Ferry for Thompson Island - want to see more ferries for islands.

Pavilion is a huge amenity.





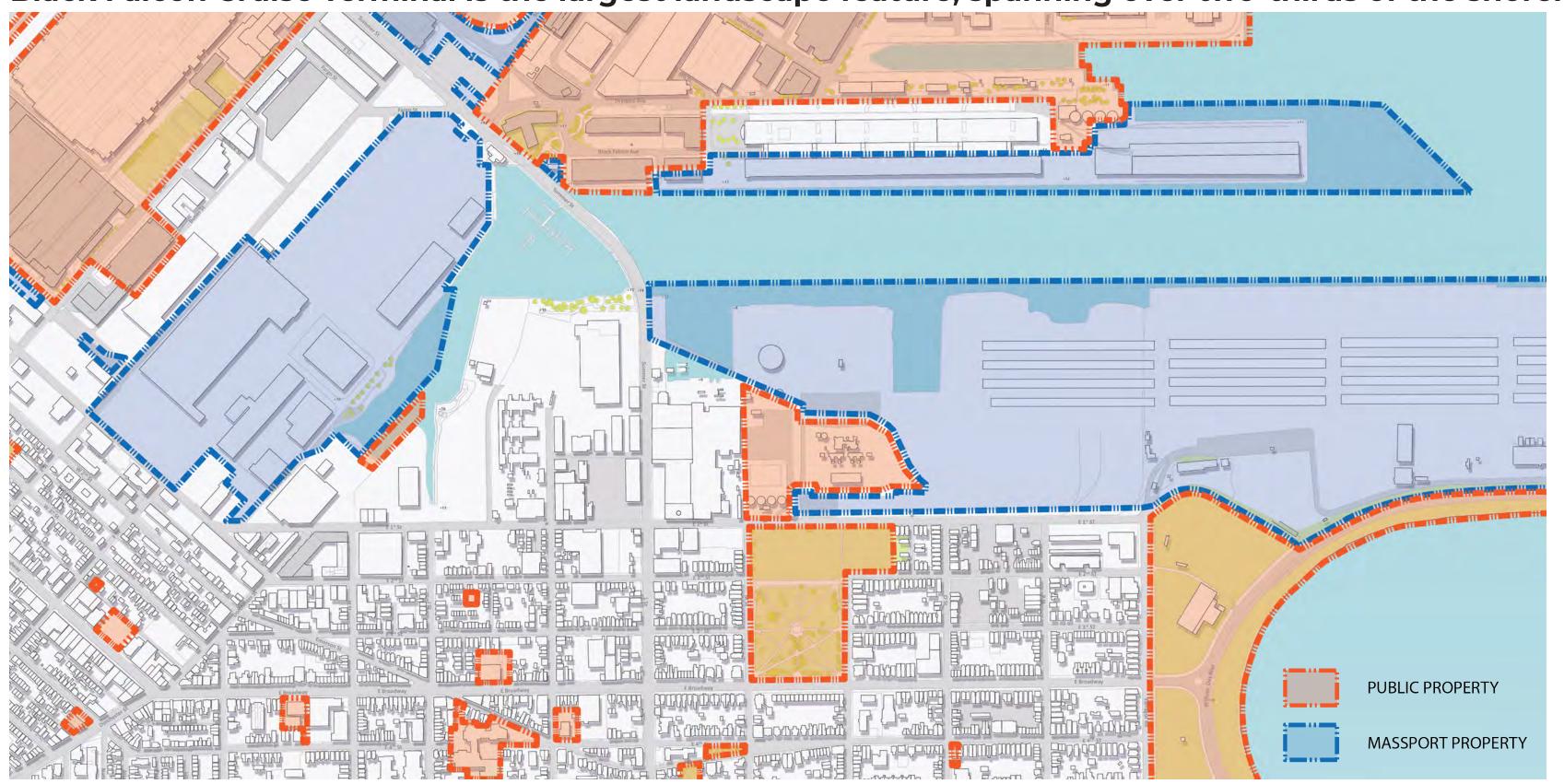
WHICH FLOOD PROTECTION ELEMENTS AND AMENITIES DO YOU PREFER? = Want = Do Not Want ARTFUL SHORELINE **ELEVATED ROADWAY PUBLIC ART OUTDOOR GYM LUNCH PAVILION**



RESERVED CHANNEL TODAY



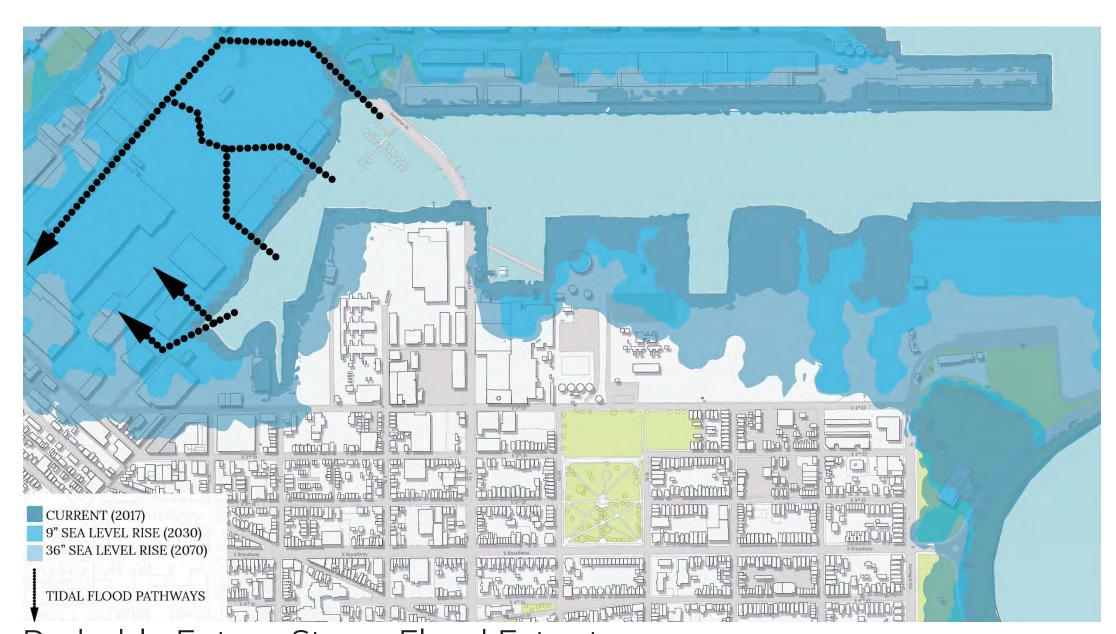
The Reserved Channel is presently characterized by heavy industrial facilities along the entirety of its shores. Little to no natural bank edges remain. On the southern bank, the Conley terminal and remnants of the former South Boston Edison Power Plant dominate the shoreline, accompanied by other industrial warehouses and commercial fishing facilities. On the northern side, the Black Falcon Cruise Terminal is the largest landscape feature, spanning over two-thirds of the shoreline.



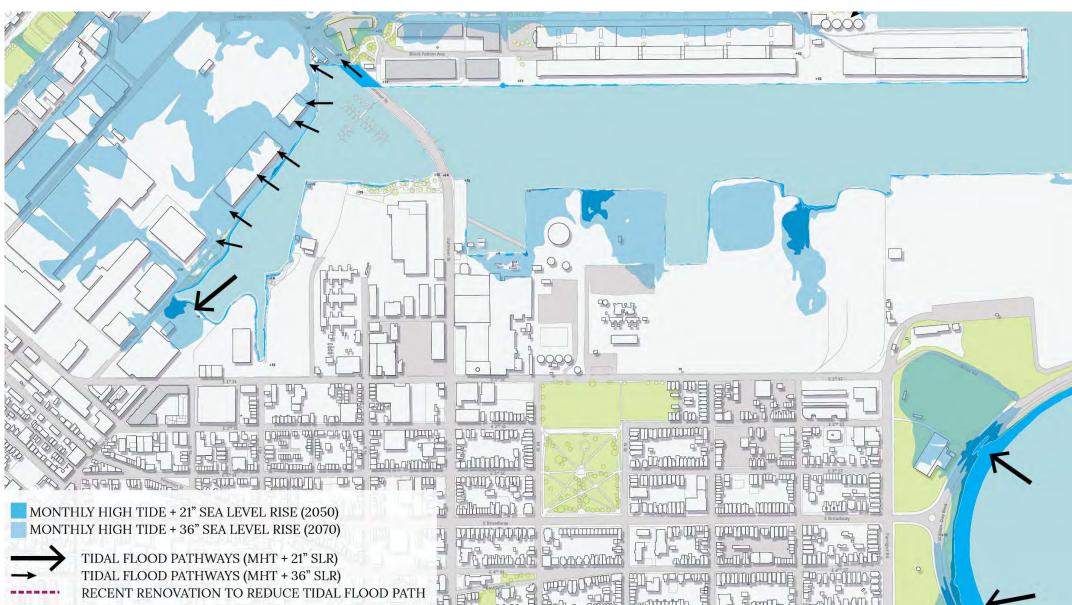




FUTURE FLOOD RISK



Probable Future Storm Flood Extents (at the 1% Annual Chance Storm Event)



Probable Future Monthly Tidal Flood Extents (and Areas of Intervention)

WHAT WE'VE HEARD FROM YOU

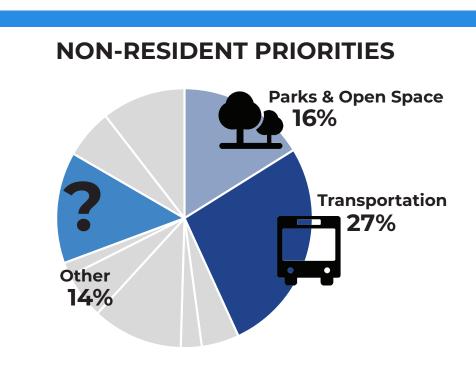
The information included here is feedback received via the Climate Ready South Boston online survey and during the first Open House on December 11th. We look forward to receiving your input tonight as well!

Make Conley Terminal flood proof with more passenger entry/exit to second floor.

Continue the Harborwalk so that it makes a circuit around the channel.

Make a park here!

RESIDENT PRIORITIES Parks & Open Space **27**% Housing 11% **Transportation**



WHICH FLOOD PROTECTION ELEMENTS AND AMENITIES DO YOU PREFER?



= Want



= Do Not Want





DEVELOPMENT











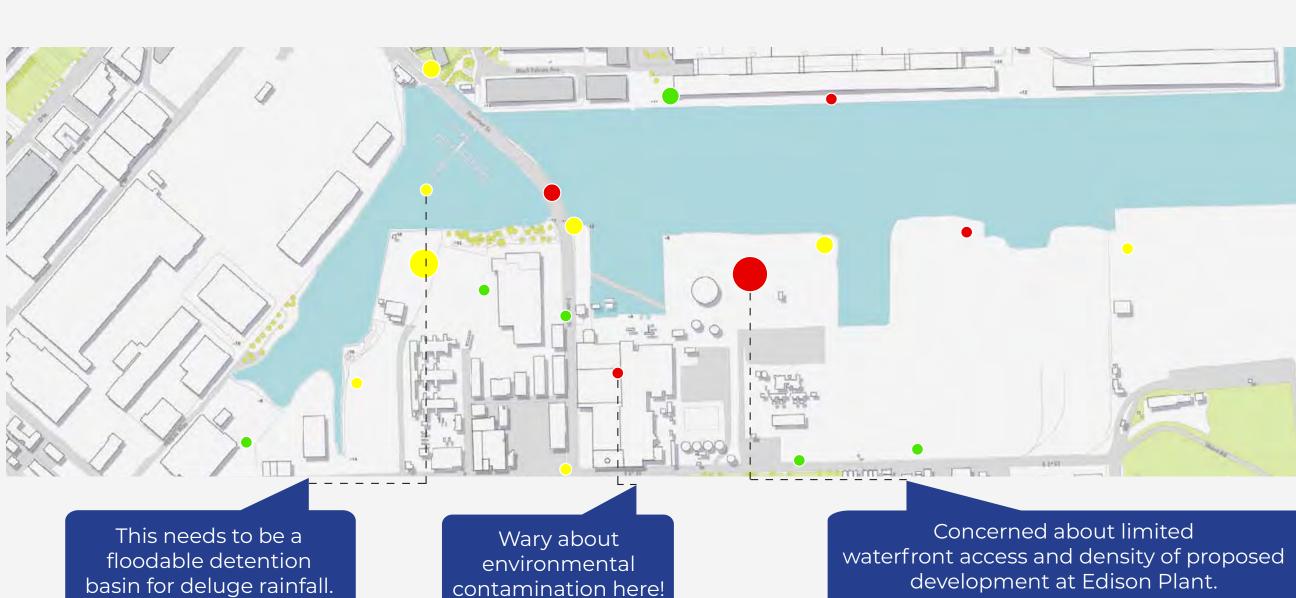


WHAT ARE YOUR WATERFRONT PUBLIC SPACE PREFERENCES?



= something you want to change = something you want to add

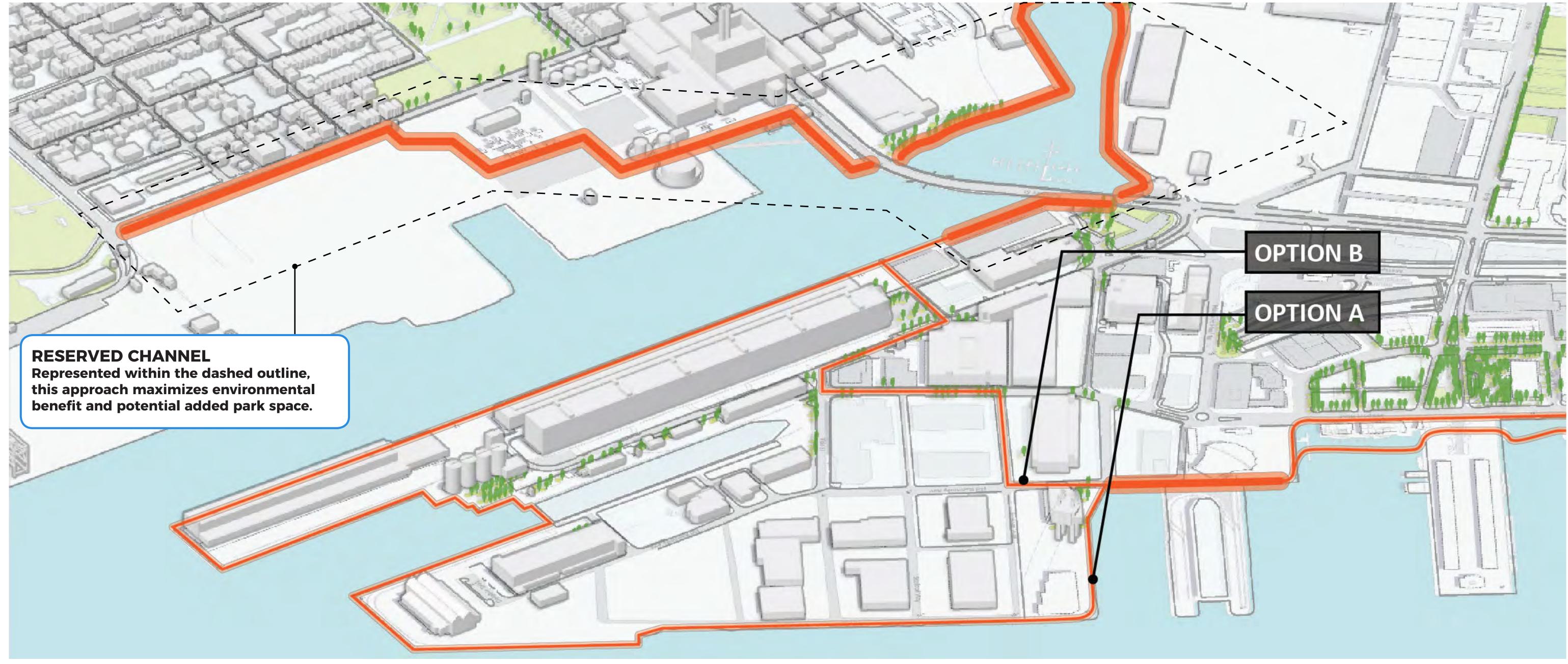
*Larger circle size denotes clustering



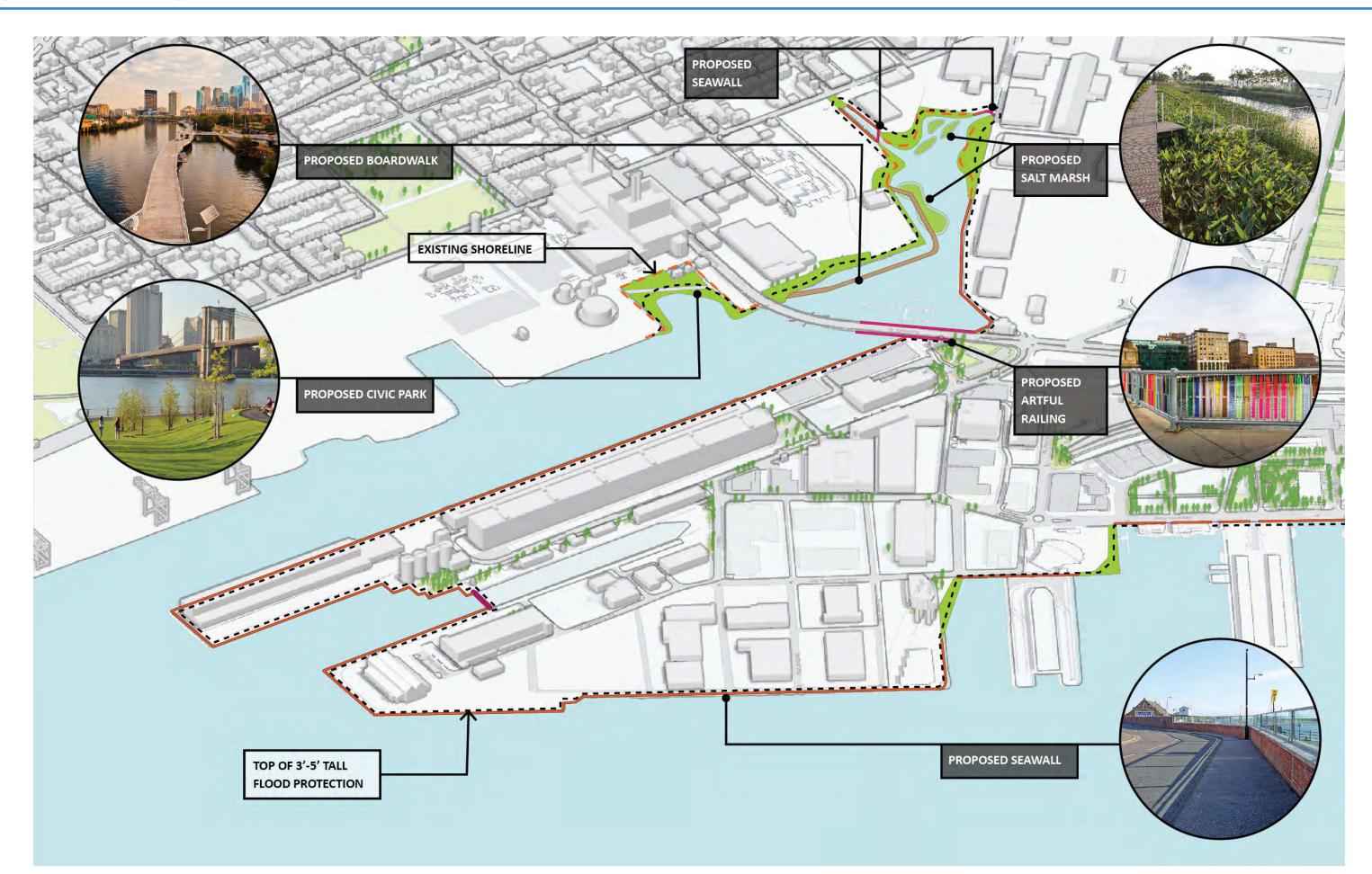
LONG-TERM FLOOD PROTECTION OPTIONS FOR MARINE INDUSTRIAL PARK AND RESERVED CHANNEL







OPTION A



Option A involves a perimeter water's edge solution (e.g., flood wall, sea wall, stepped access) to resist flooding withing the Marine Industrial Park area.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT VALUE CREATION AMDION AND ADAPTABILITY VALUE CREATION

* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

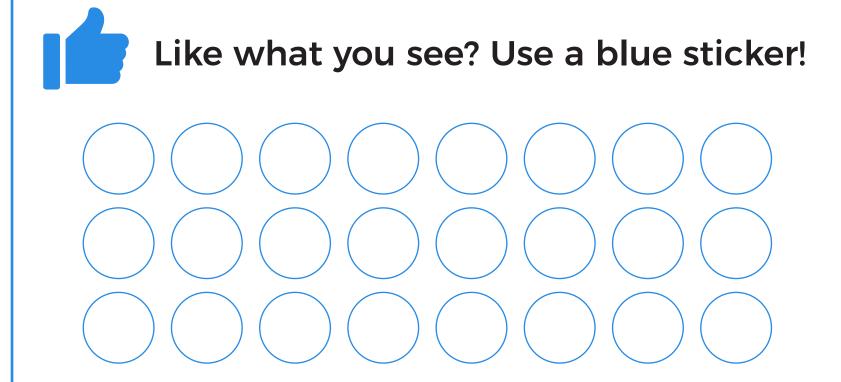
PROJECT COST
PROJECT TIMEFRAME

\$ \$ \$ \$

Careful design required to avoid disruption of

- current and planned waterfront uses
- Potential operational disruption during construction of flood protection solution
- Can be designed to address 36 inches of sea level rise now and may be adapted to address higher flooding later

TELL US WHAT YOU THINK!



Not so much? Use a grey sticker.

Have additional comments? Write them here!

OPTION B

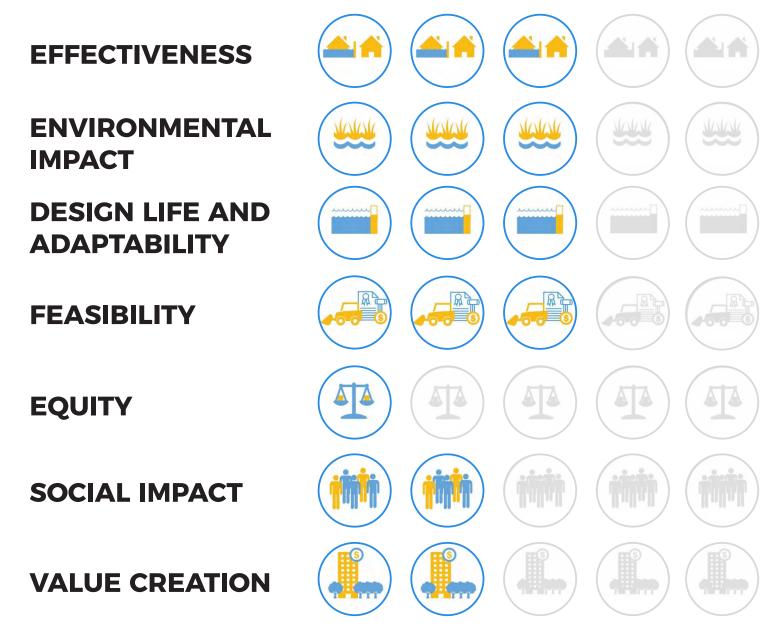


Both sub-options involve installing a flood protection solution along the interior roadway to prevent flood pathways to the rest of the district. This solution requires individual protection of the properties on the water side of the solution.

Sub-option B1: Interior floodwall along sidewalk or roadway with self-closing or manual gates at intersections.

Sub-option B2: Elevated roadway, sidewalk or both, with sloped elevation change of roadway intersections.

EVALUATION CRITERIA PERFORMANCE

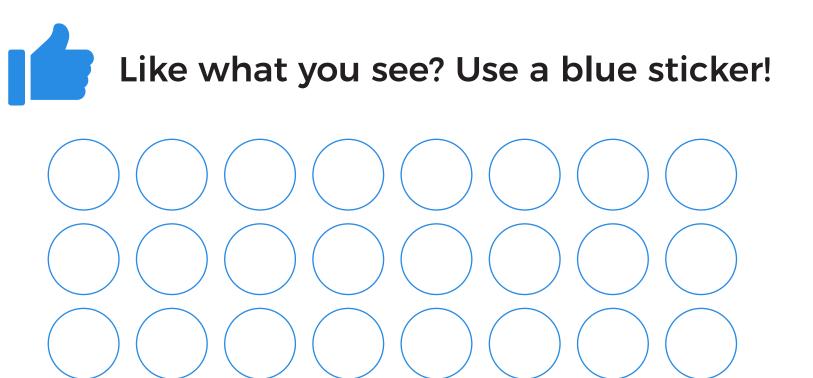


* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

PROJECT COST
 PROJECT TIMEFRAME
 \$\$\$\$\$\$
 Potential points of failure if gates used to accommodate exit from area
 Potential for significant operational disruption to the area during construction / additional accommodations on nearby properties likely to be required
 Alternate actions would be needed to protect land uses on water side of the solution

TELL US WHAT YOU THINK!



Not so much? Use a grey sticker.

SOUTH BOSTON NEIGHBORHOOD TODAY



B

The South Boston neighborhood has lower current and future expected flood risk than the rest of the district as most of the community is built on high ground. The areas most at-risk are the waterfront beach and walkway areas of the neighborhood.











FUTURE FLOOD RISK

PUBLIC PROPERTY

MASSPORT PROPERTY



Probable Future Storm Flood Extents (at the 1% Annual Chance Storm Event)

MONTHLY HIGH TIDE + 21° SEA LEVEL RISE (2050) MONTHLY HIGH TIDE + 21° SEA LEVEL RISE (2050) TIDAL FLOOD PATHWAYS (MHT + 21° SLR) TIDAL FLOOD PATHWAYS (MHT + 36° SLR) RICENT RINOVATION TO REDUCE TIDAL FLOOD PATH

Probable Future Monthly Tidal Flood Extents (and Areas of Intervention)

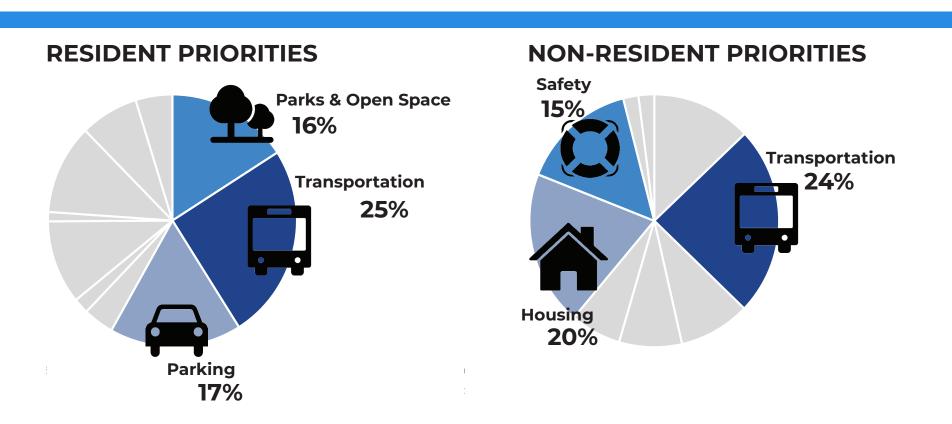
WHAT WE'VE HEARD FROM YOU

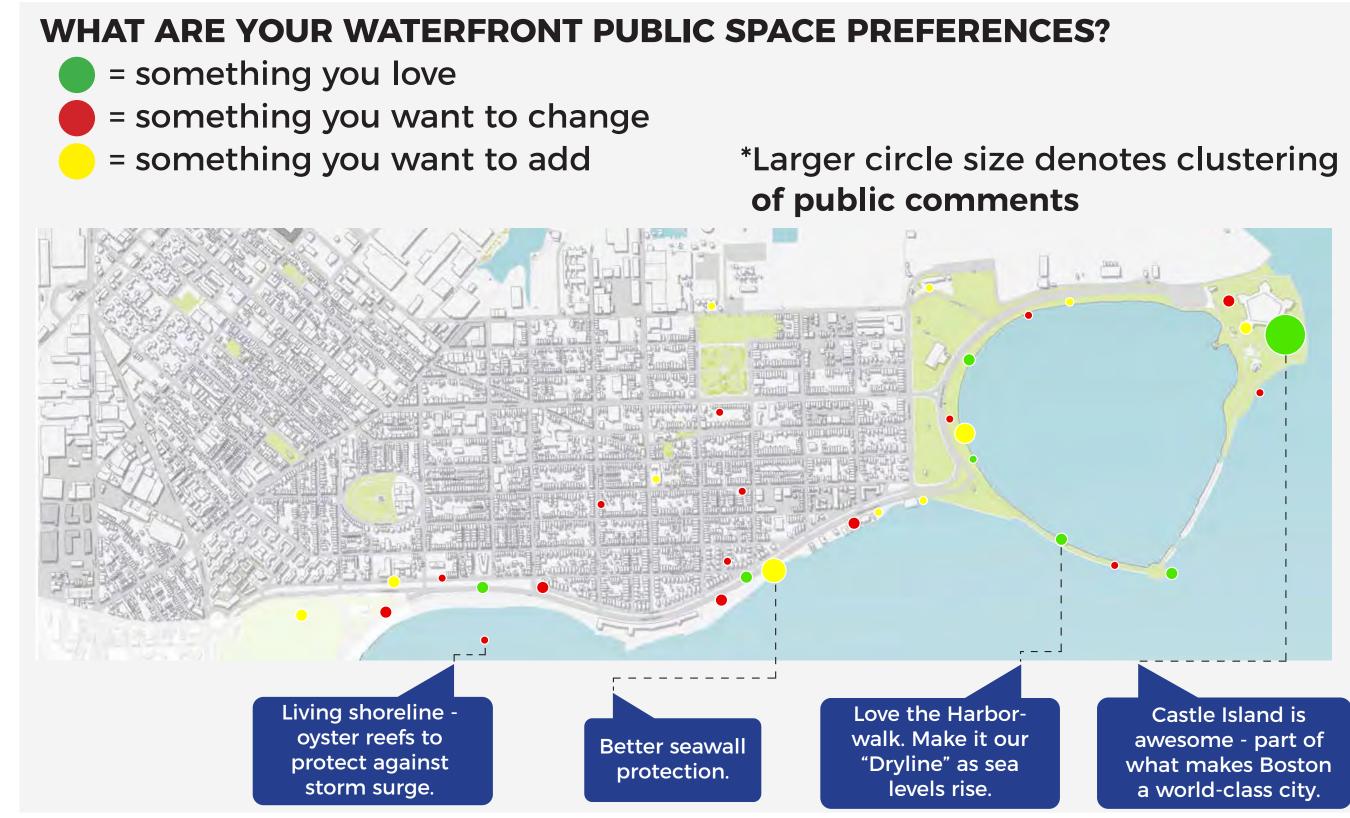
The information included here is feedback received via the Climate Ready South Boston online survey and during the first Open House on December 11th. We look forward to receiving your input tonight as well!

Carson Beach stretches across from park and Boathouse needs revitalization.

Add elements that keep Curley relevant to residents of all ages.

Do something with Kelly's Landing.

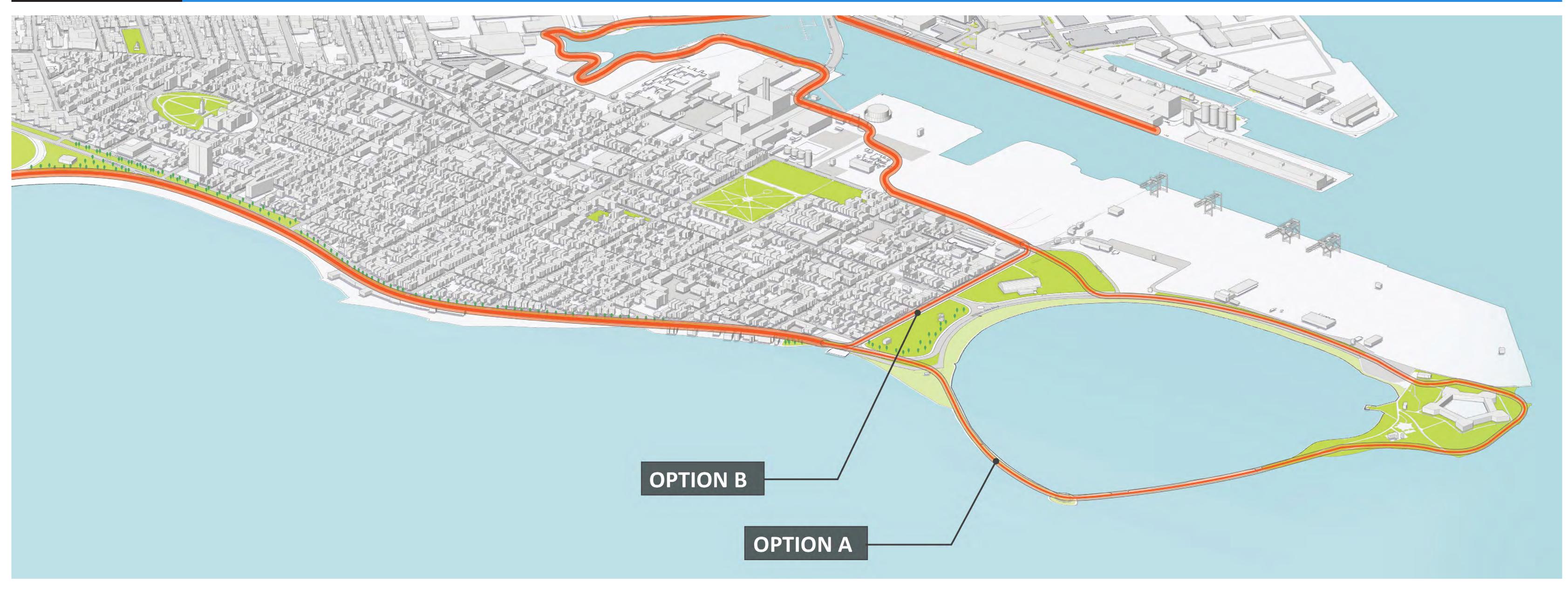




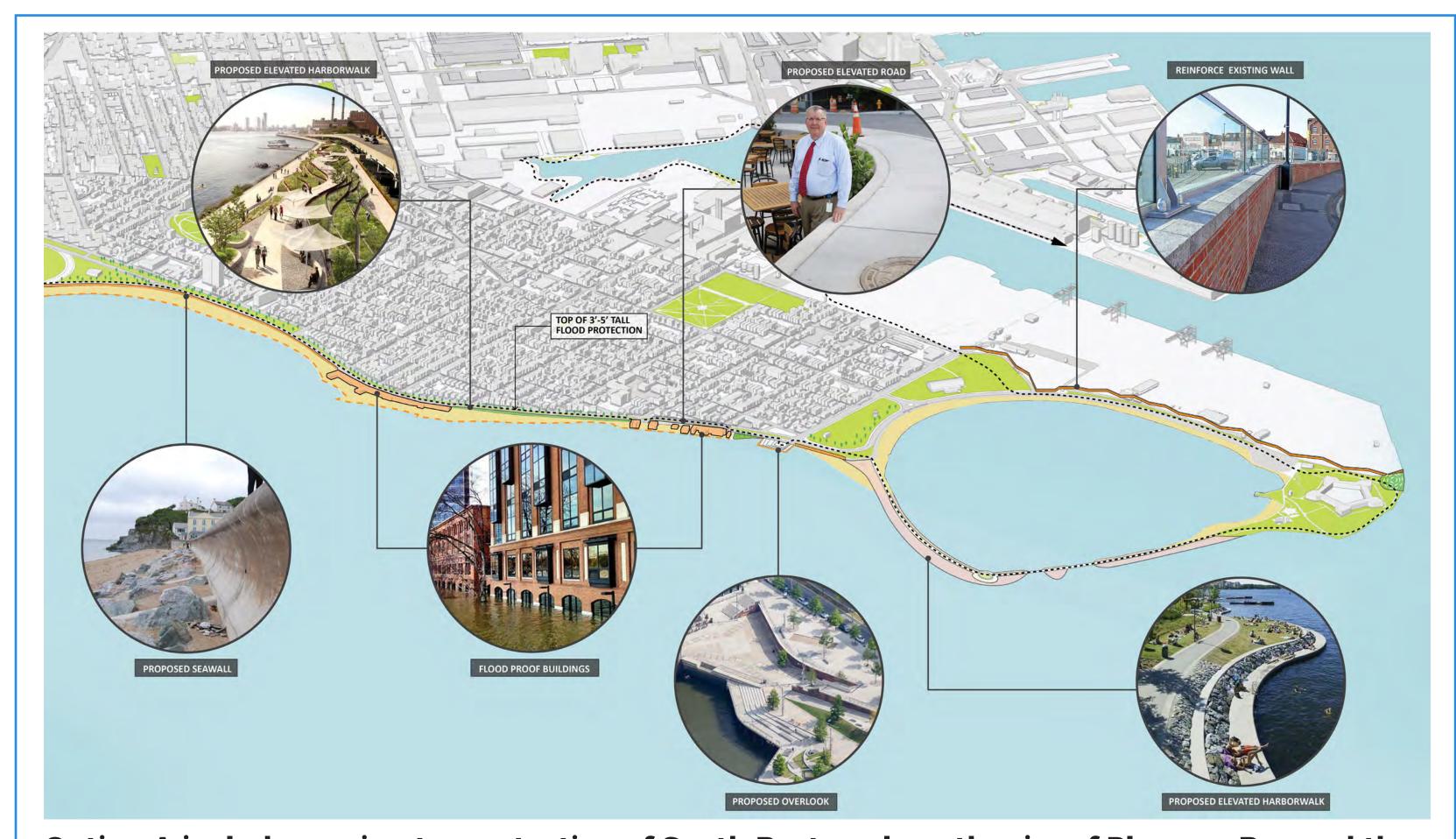
LONG-TERM FLOOD PROTECTION OPTIONS FOR SOUTH BOSTON NEIGHBORHOOD







OPTION A



Option A includes perimeter protection of South Boston along the rim of Pleasure Bay and the seashore along Day Boulevard. Coastal adaptations would include elevating the harbor walk along its current path and converting the concrete wall along the southern edge of the Conley Terminal to a flood wall.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT

* Evaluation Criteria are listed in order of importance based on public input

KEY CONSIDERATIONS

PROJECT COST

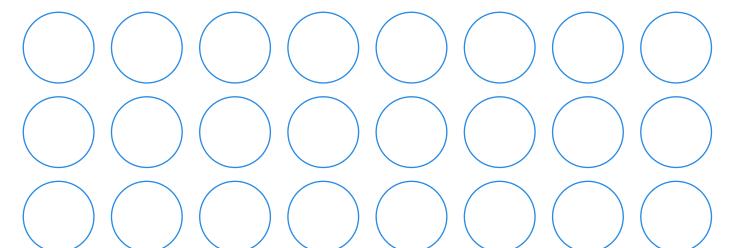
PROJECT TIMEFRAME

- Potential water quality concerns in Pleasure Bay that could be mitigated through design
- Potential loss of beach over time without additional adaptation measures
- Expanded harborwalk around pleasure bay

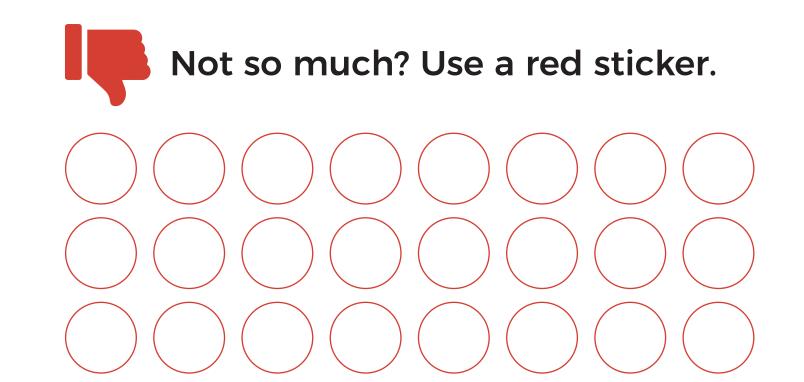
VALUE CREATION

TELL US WHAT YOU THINK!

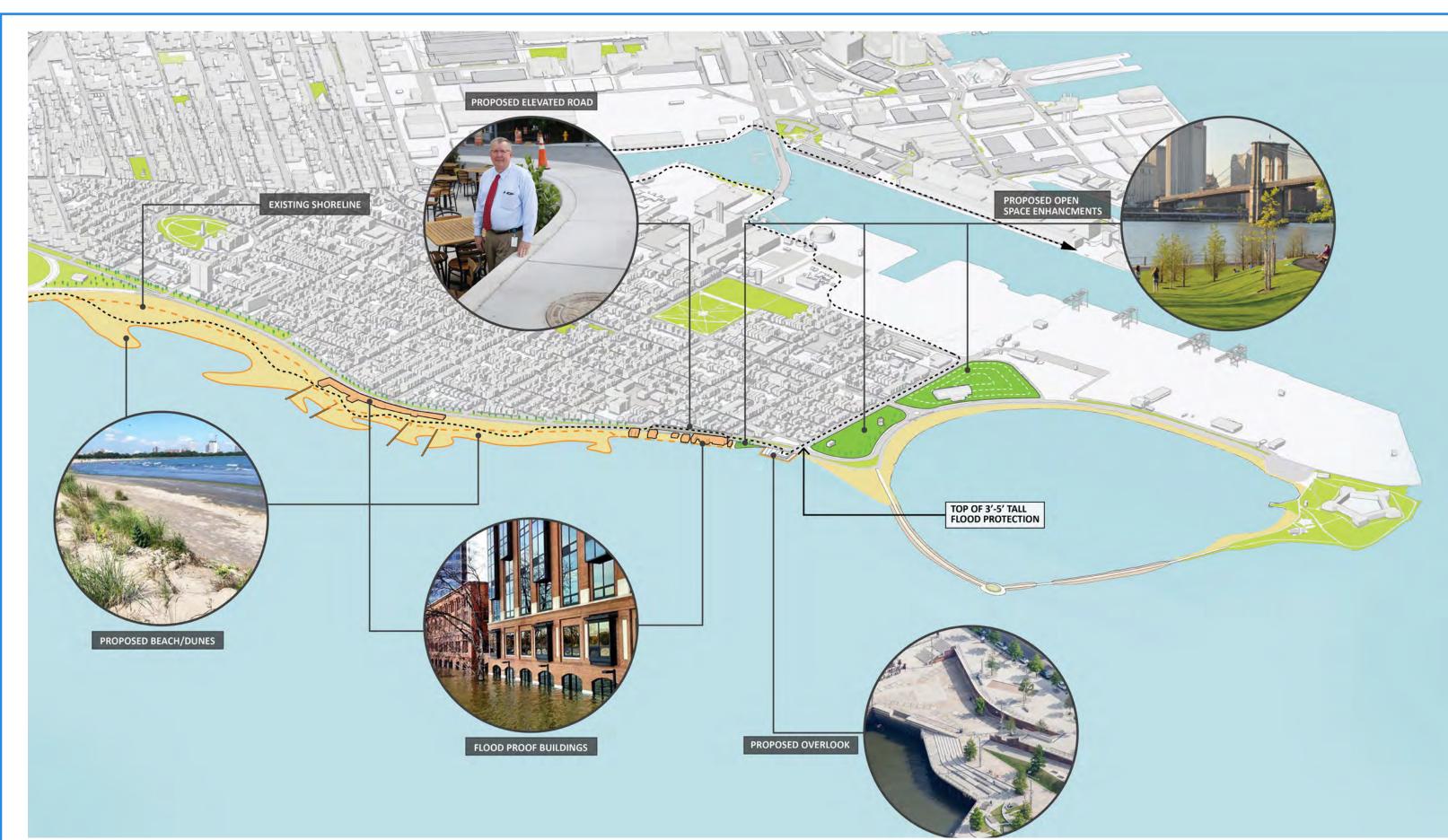
Like what you see? Use a blue sticker!



Have additional comments? Write them here!



OPTION B



Option B includes berm adaptations in the park along Farragut Rd rather than perimeter protection around Pleasure Bay. Along Day Blvd, Option B would move the line of flood protection seaward and incorporate restored beach and dune features instead of elevating the harbor walk.

EVALUATION CRITERIA PERFORMANCE

EFFECTIVENESS ENVIRONMENTAL IMPACT DESIGN LIFE AND ADAPTABILITY FEASIBILITY EQUITY SOCIAL IMPACT VALUE CREATION

* Evaluation Criteria are listed in order of importance based on public input

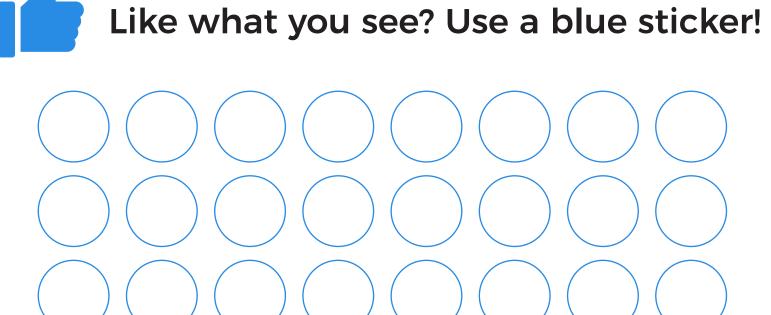
KEY CONSIDERATIONS

PROJECT COST

PROJECT TIMEFRAME

- Increased maintenance cost over time
- Retained and enhanced amenities along Day **Boulevard and Pleasure Bay**
- Complexity associated with permitting beach nourishment
- Converting the beach to an engineered beach would increase federal funding eligibility for restoration post-disaster

TELL US WHAT YOU THINK!



Not so much? Use a red sticker.

