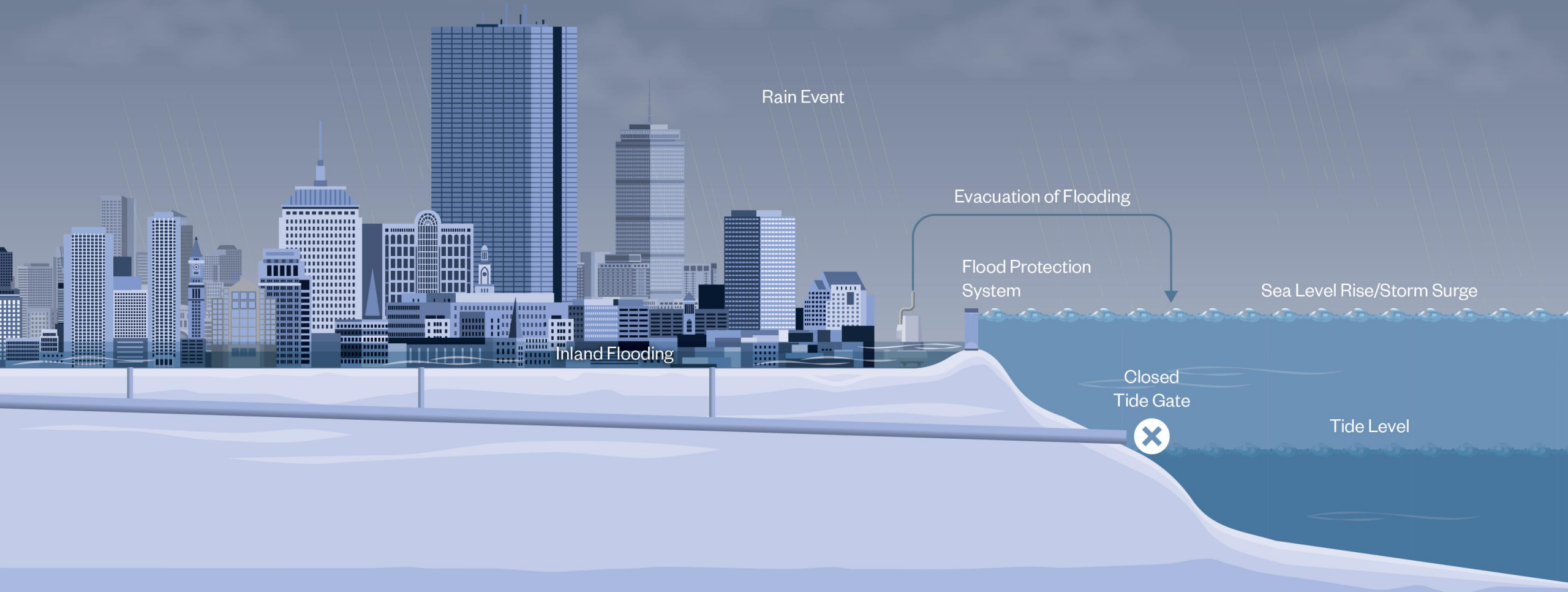


Strategies and Conceptual Designs for Adaptation and Coastal Stormwater Discharge in Boston



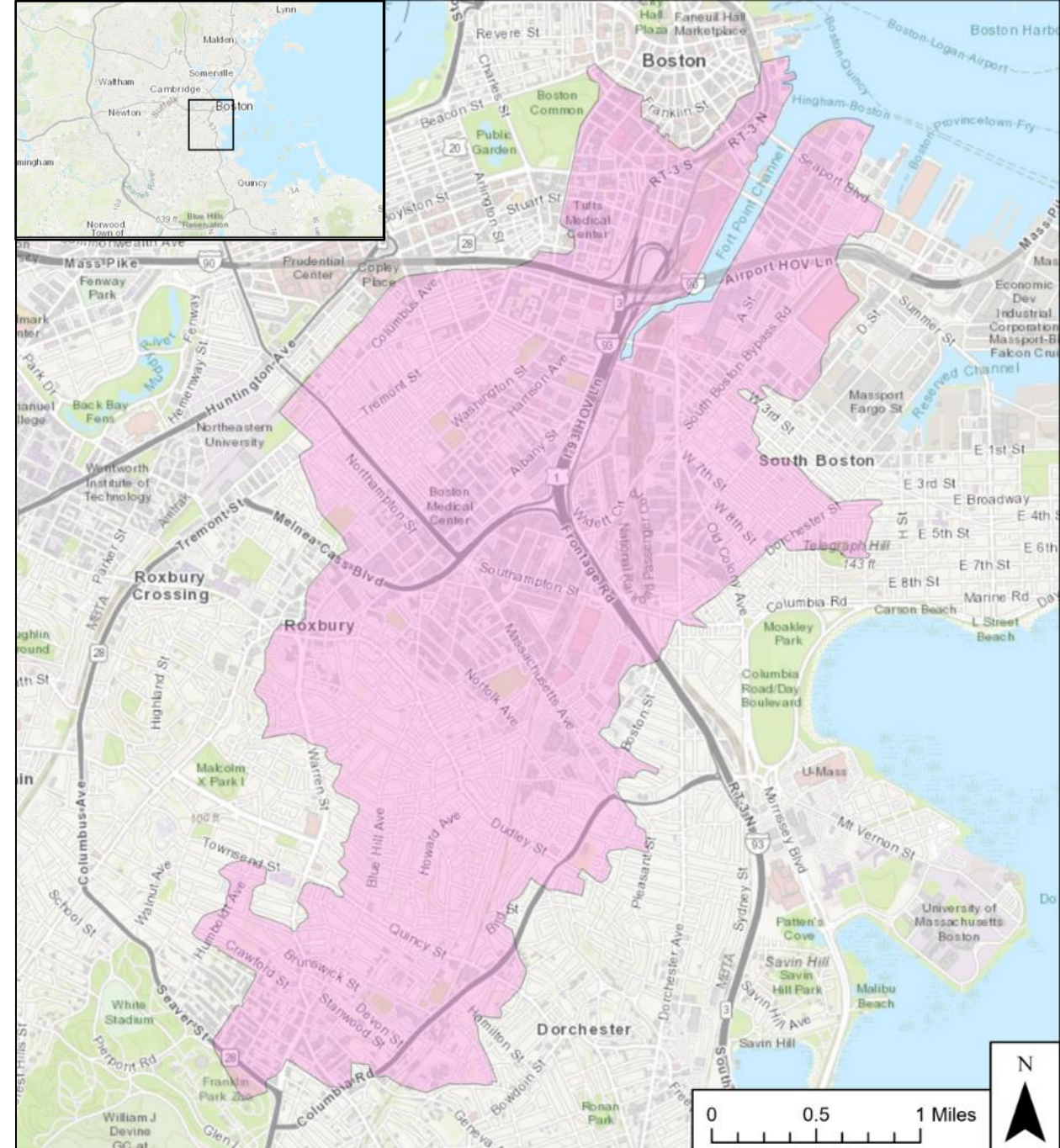
Fort Point Channel Opportunity

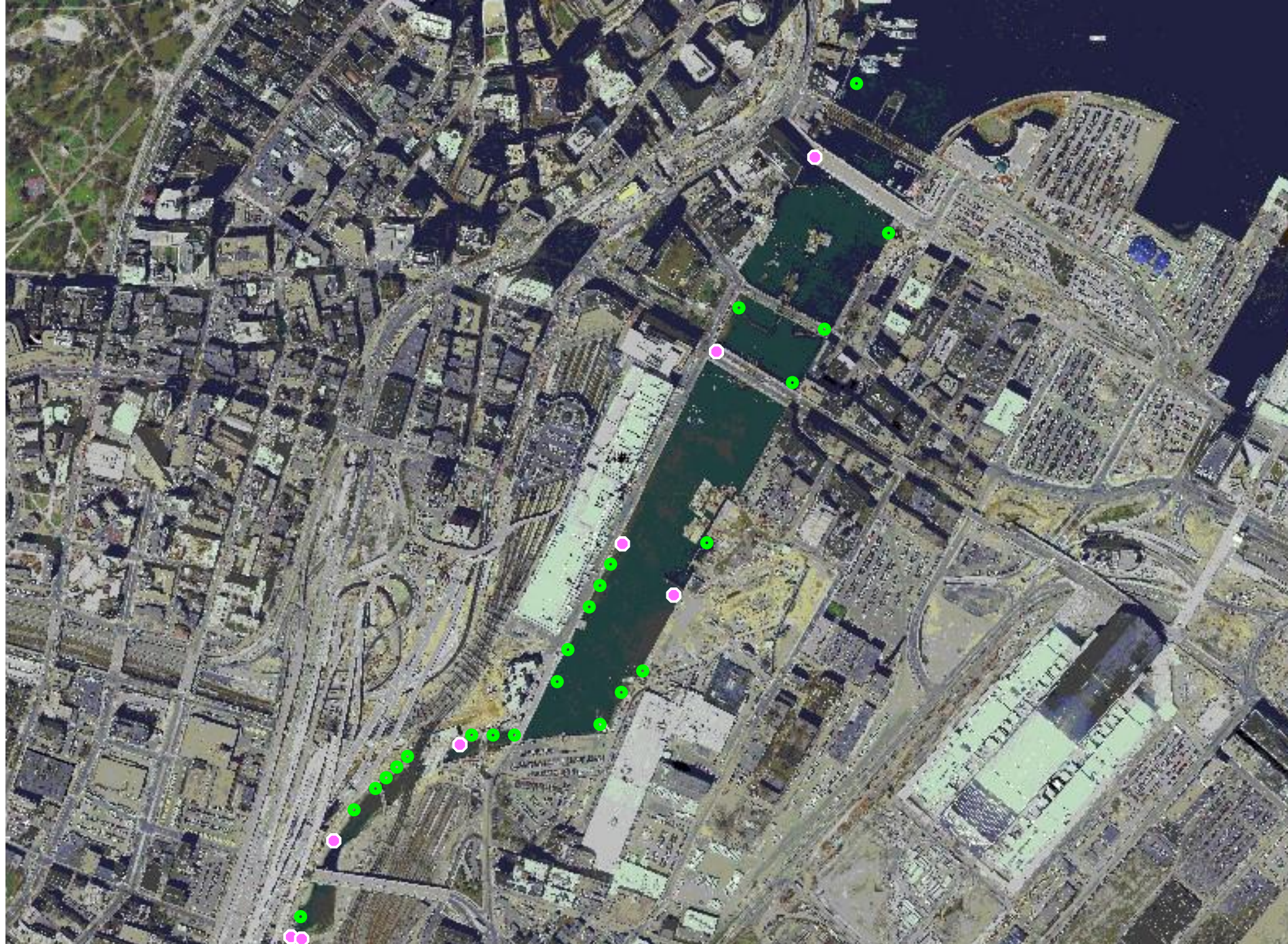
- ~10% of Boston drains to the Channel
- 2,600 acres in size
- 90,000 residents
- 183,000 people work in area
- 170 critical facilities
- 34 miles of critical transportation routes

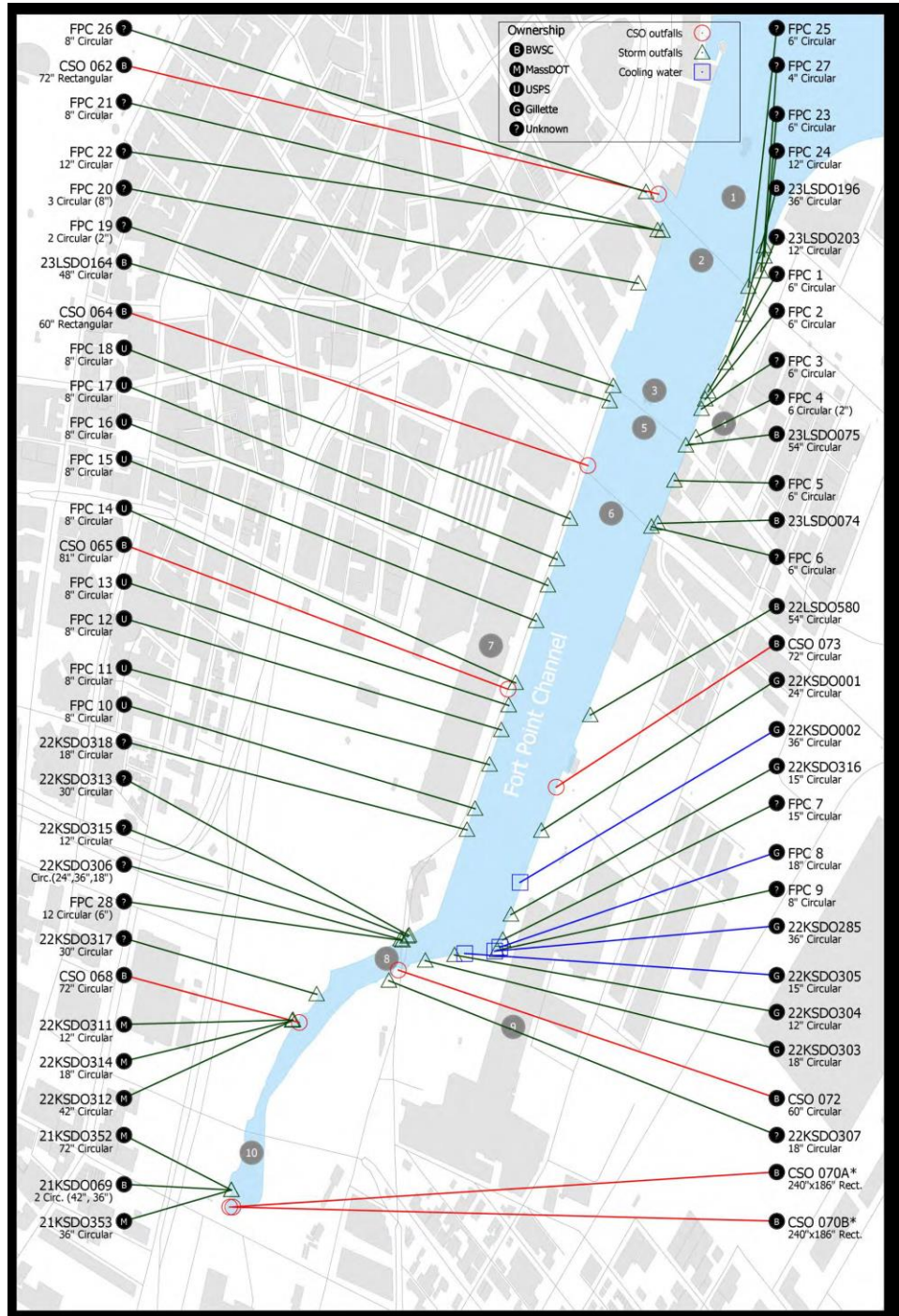
Challenge: This area is vulnerable to flooding due to higher sea levels and storm surge

Solution:

Barrier to protect this critical area from sea level rise, storm surge and flooding







Potential Location of Storm Surge Barrier

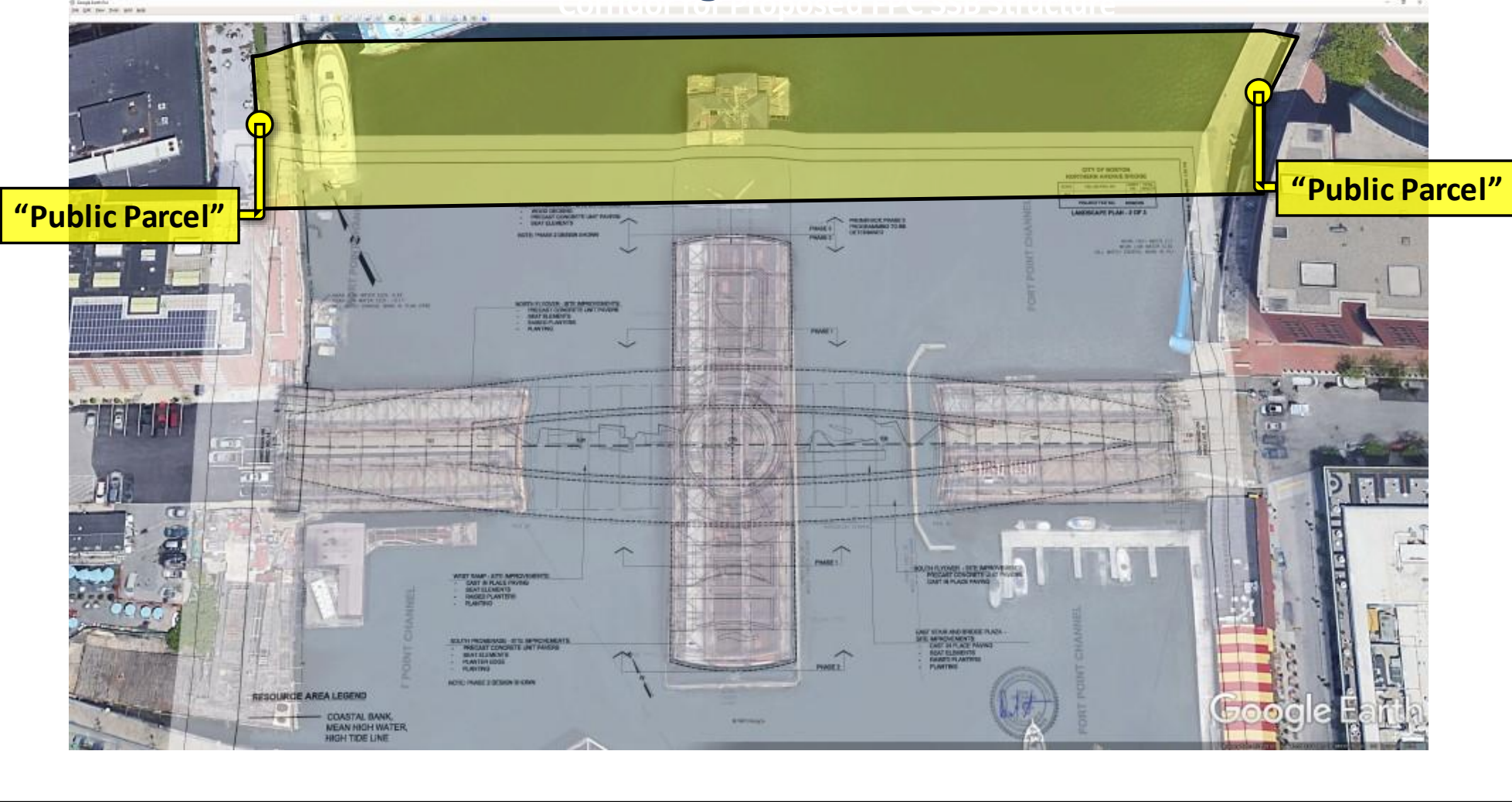




Figure 5-36: Vertical Lift Gate Alternative

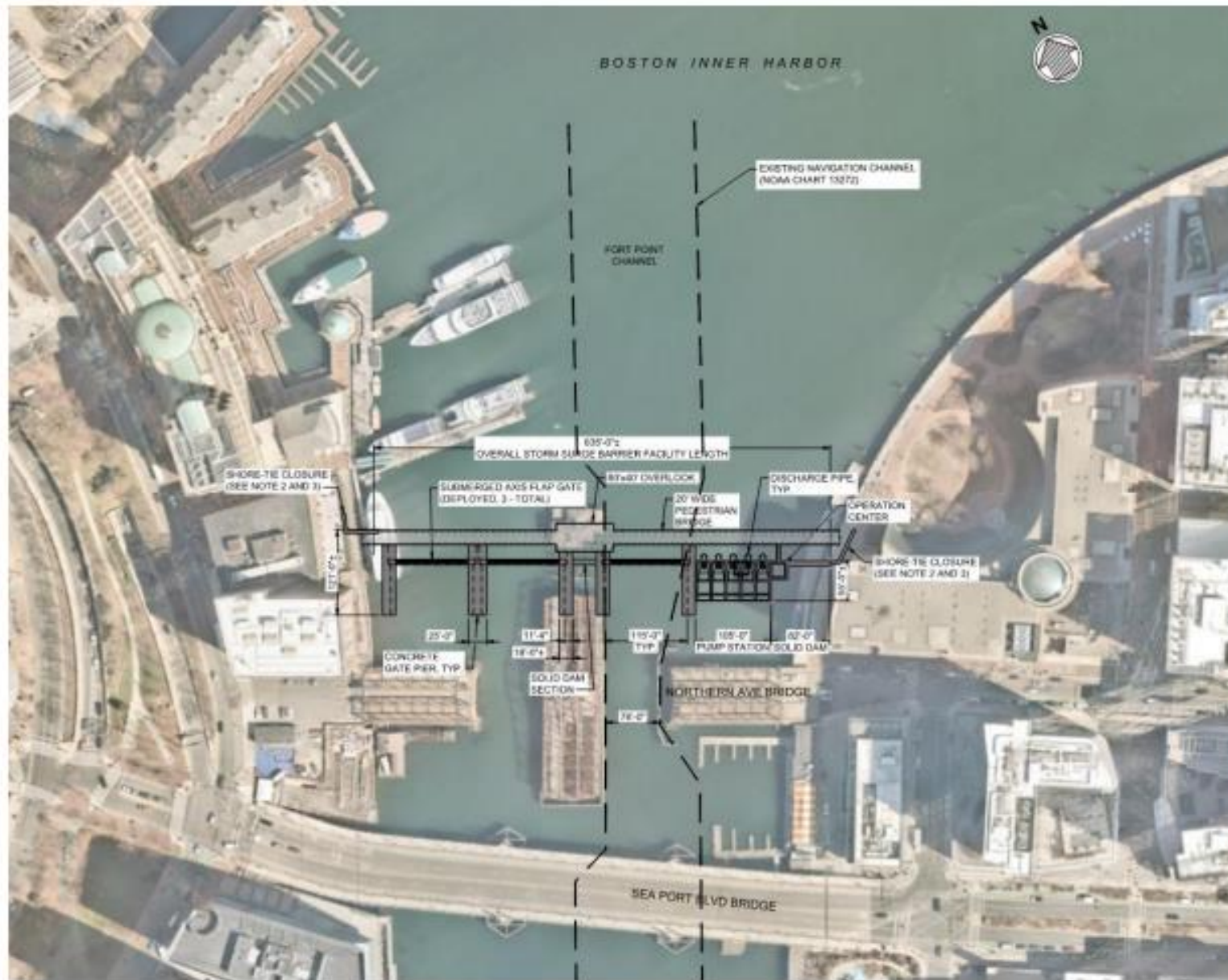


Figure 5-38: Submerged Axis Flap Gate Alternative



Figure 5-40: Northern Avenue Bridge-Integrated SSB Alternative (Graphical Rendering)

For copy of Report and Conceptual Designs:

<https://www.bwsc.org/news-and-events/news/coastal-stormwater-discharge-analysis-project>

The Coastal Stormwater Discharge Analysis Report provides a summary of the overall project and provides conceptual ideas for projects that can be examined in more detail to address this evolving issue.

[BWSC Coastal Stormwater Discharge Analysis - Executive Summary](#)

[BWSC Coastal Stormwater Discharge Analysis - Final Report](#)

[BWSC Coastal Stormwater Discharge - Appendices](#)

[BWSC Coastal Stormwater Discharge - Implementation Timeline - Appendix E](#)

[Airport Pump Station](#)

[Charlestown Pump Station](#)

[Columbus Park Pump Station](#)

[Constitution Beach](#)

[Davenport Creek Stormwater Park](#)

[Dorchester Bay Basin](#)

[East Boston Greenway](#)

[East Boston Waterfront](#)

[Fort Point Channel Storm Surge Barrier](#)

[Joseph Finnegan Park](#)

[Old Harbor Park Pump Station](#)

[Good Neighborhood Initiatives](#)

Temporary side entrance in effect
3:11 PM 04/24/2023

Attention BWSC Customers: Beginning Tuesday March 7th renovations will commence on the front entrance of 980 Harrison Ave. Therefore, there will be no accessibility to the building via the double doors until further notice. A temporary side entrance in order to conduct business will be made available. The temporary entrance is in compliance with ADA regulations and our

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