



MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

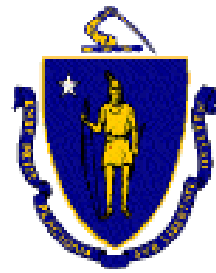
DRAW SEVEN PARK RENOVATION PROJECT

SOMERVILLE, MASSACHUSETTS



DCR Public Meeting

Tuesday, February 25th – 6:30pm-8:00pm
Partners HealthCare Assembly Room – Room B, 1st Floor
399 Revolution Drive, Somerville, MA, 02145



Commonwealth of Massachusetts

Governor

Charles D. Baker

Lieutenant Governor

Karyn E. Polito

Energy and Environmental Secretary

Kathleen Theoharides

Department of Conservation and Recreation Commissioner

Jim Montgomery

City of Somerville Mayor

Joseph A. Curtatone



DCR Mission Statement

*To protect, promote, and enhance our
commonwealth of natural, cultural,
and recreational resources
for the well-being of all.*



Purpose of Meeting

*Presentation and solicitation of
public comments on the
schematic design
proposed for the renovation of
Draw Seven Park
in Somerville.*

REGIONAL CONNECTIVITY



MYSTIC GREENWAYS PROGRESS

LEARN MORE
mysticriver.org/greenways-progress



Clippership Connector

A proposed half-mile waterfront path that will provide a safe and scenic route between Medford Square, Andrew & McGlynn Schools and Riverbend Park. The design for this path will be complete by early 2018.



MacDonald Park

The largest waterfront park in the Mystic River Reservation is finally getting the investment it deserves. DCR repaved most of the three miles of trails and removed nearly 15 acres of phragmites, opening up access to the shoreline. MyRWA has removed invasive Oriental bittersweet with hundreds of volunteers. Coming in late 2017: a new river overlook with a boat launch and picnic area.



Malden River Greenway

MyRWA is creating a shared vision for a waterfront park system along the Malden River, connecting communities in Medford, Malden and Everett to this important natural resource. The final plan will be released in October 2017.

Medford Mystic River Path

Two new shared-use paths now follow the Mystic River along Route 16, connecting Whole Foods to the Winthrop St. community gardens and Condon Bandshell. Completed summer 2017.

Rivergreen

This former industrial site is being transformed into a new park and outdoor recreation complex. Construction on the waterfront path began summer 2017.

Draw 7 Park + Path

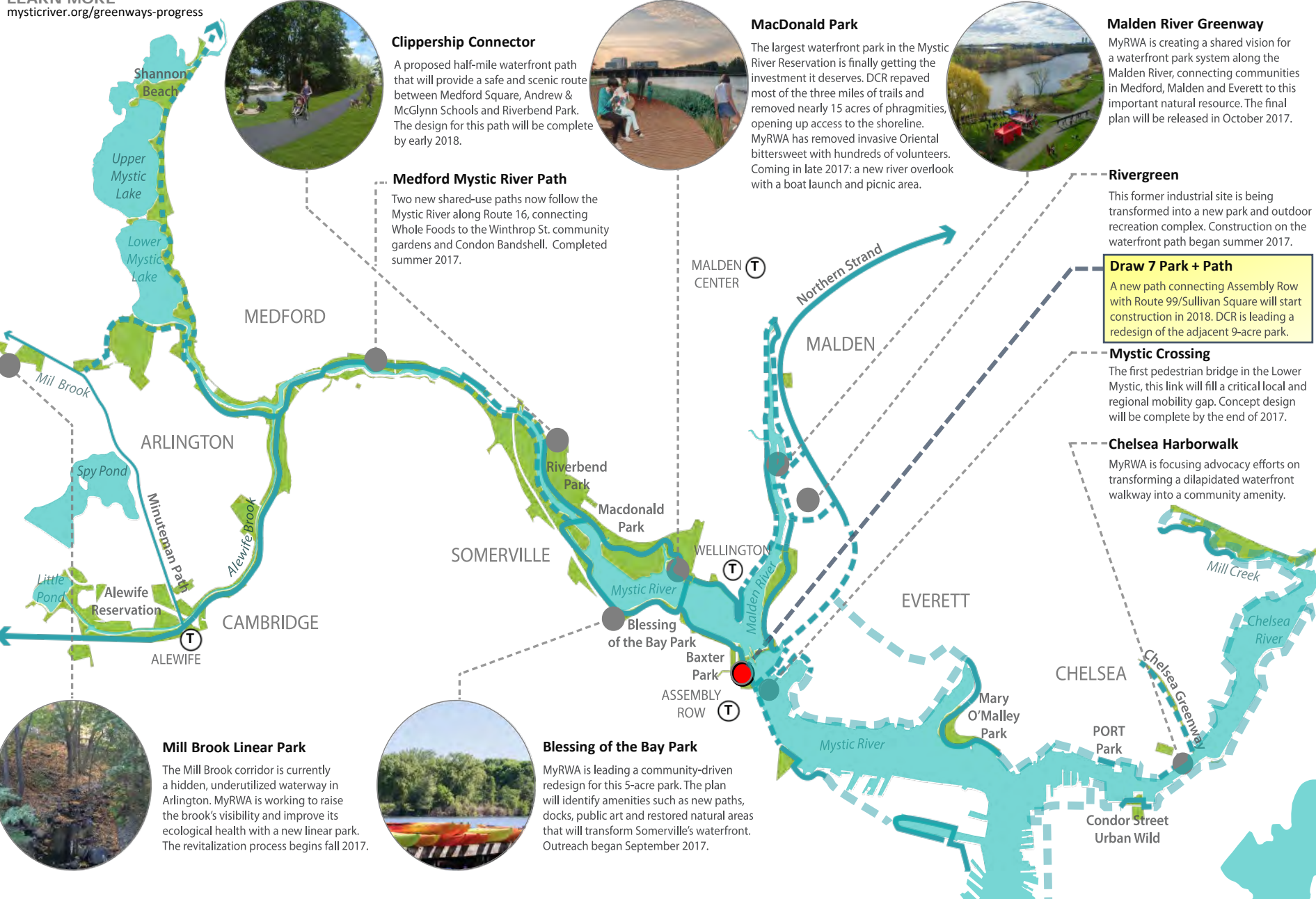
A new path connecting Assembly Row with Route 99/Sullivan Square will start construction in 2018. DCR is leading a redesign of the adjacent 9-acre park.

Mystic Crossing

The first pedestrian bridge in the Lower Mystic, this link will fill a critical local and regional mobility gap. Concept design will be complete by the end of 2017.

Chelsea Harborwalk

MyRWA is focusing advocacy efforts on transforming a dilapidated waterfront walkway into a community amenity.



Mill Brook Linear Park

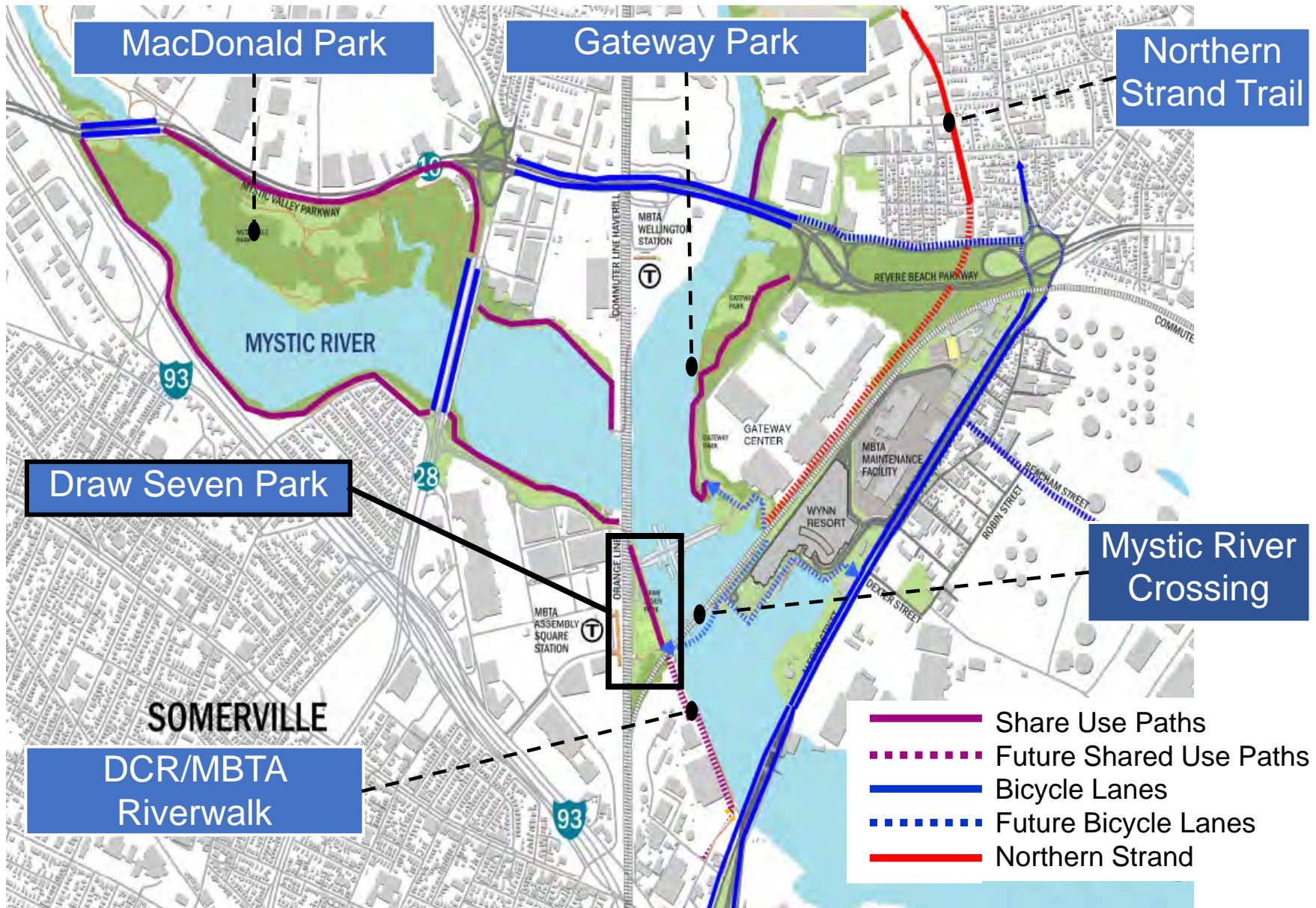
The Mill Brook corridor is currently a hidden, underutilized waterway in Arlington. MyRWA is working to raise the brook's visibility and improve its ecological health with a new linear park. The revitalization process begins fall 2017.



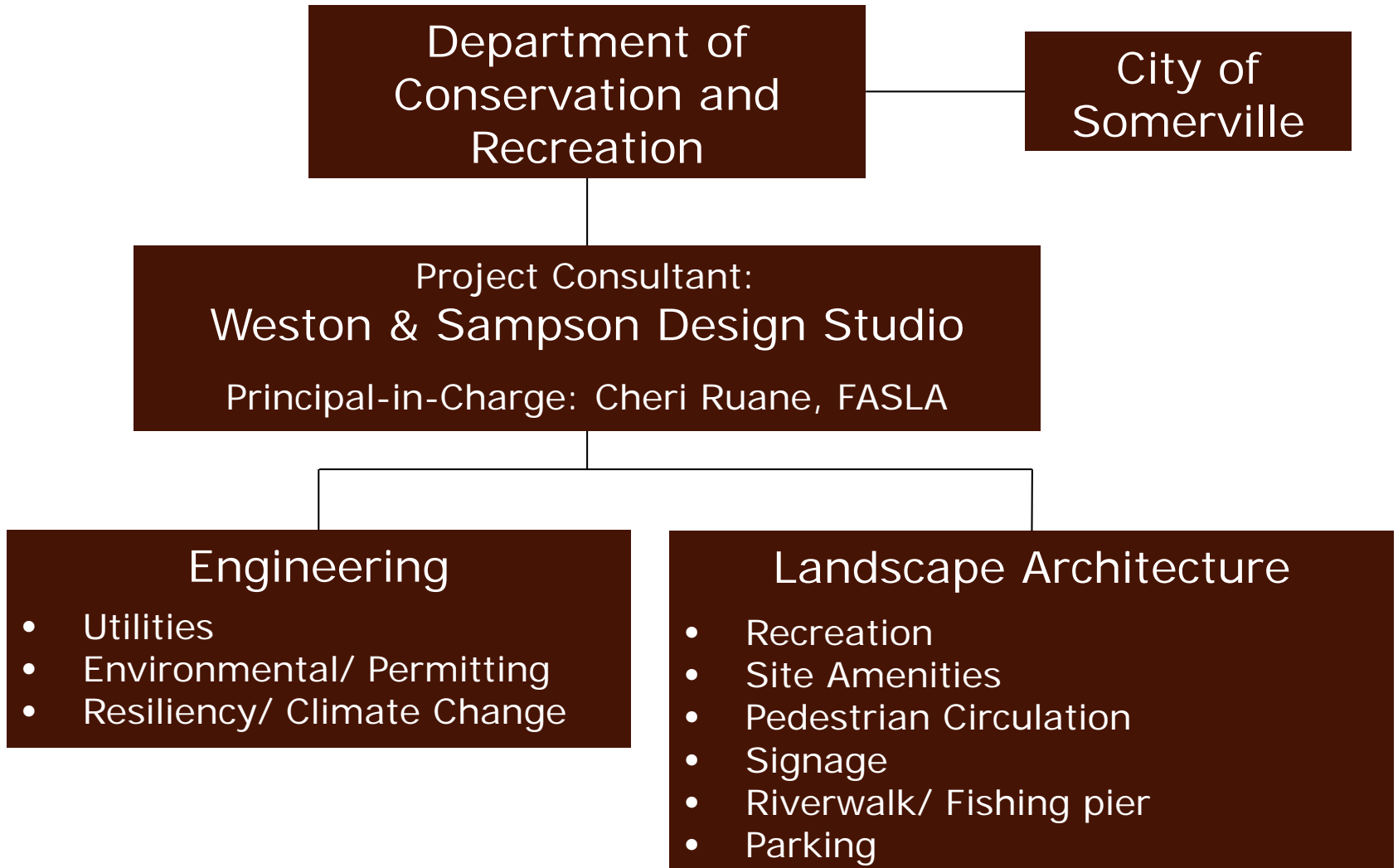
Blessing of the Bay Park

MyRWA is leading a community-driven redesign for this 5-acre park. The plan will identify amenities such as new paths, docks, public art and restored natural areas that will transform Somerville's waterfront. Outreach began September 2017.

LOCATION AND SURROUNDING BIKE/PED FACILITIES



DRAW SEVEN PROJECT TEAM





PROJECT GOALS

Connectivity

Recreation

Ecological Restoration

Climate Resiliency

ESSENTIAL PROGRAM ELEMENTS

- Link the Mystic River and Regional Greenway paths
- Alford Street connection/paths continued
- Potential bike/pedestrian bridge
- Potential MBTA headhouse connection
- DCR access to Amelia Earhart Dam
- Riverwalk access to improved fishing pier maintained
- Different gathering and seating areas for a variety of uses
- Areas for open lawn play
- Limited public parking
- Restore ecological habitat and river edge condition
- Incorporate freshwater wetland and saltwater living shoreline
- Incorporate native landscape planting
- Proposed typography to accommodate anticipated sea level rise and storm events

EXISTING CONDITIONS



EXISTING CONDITIONS



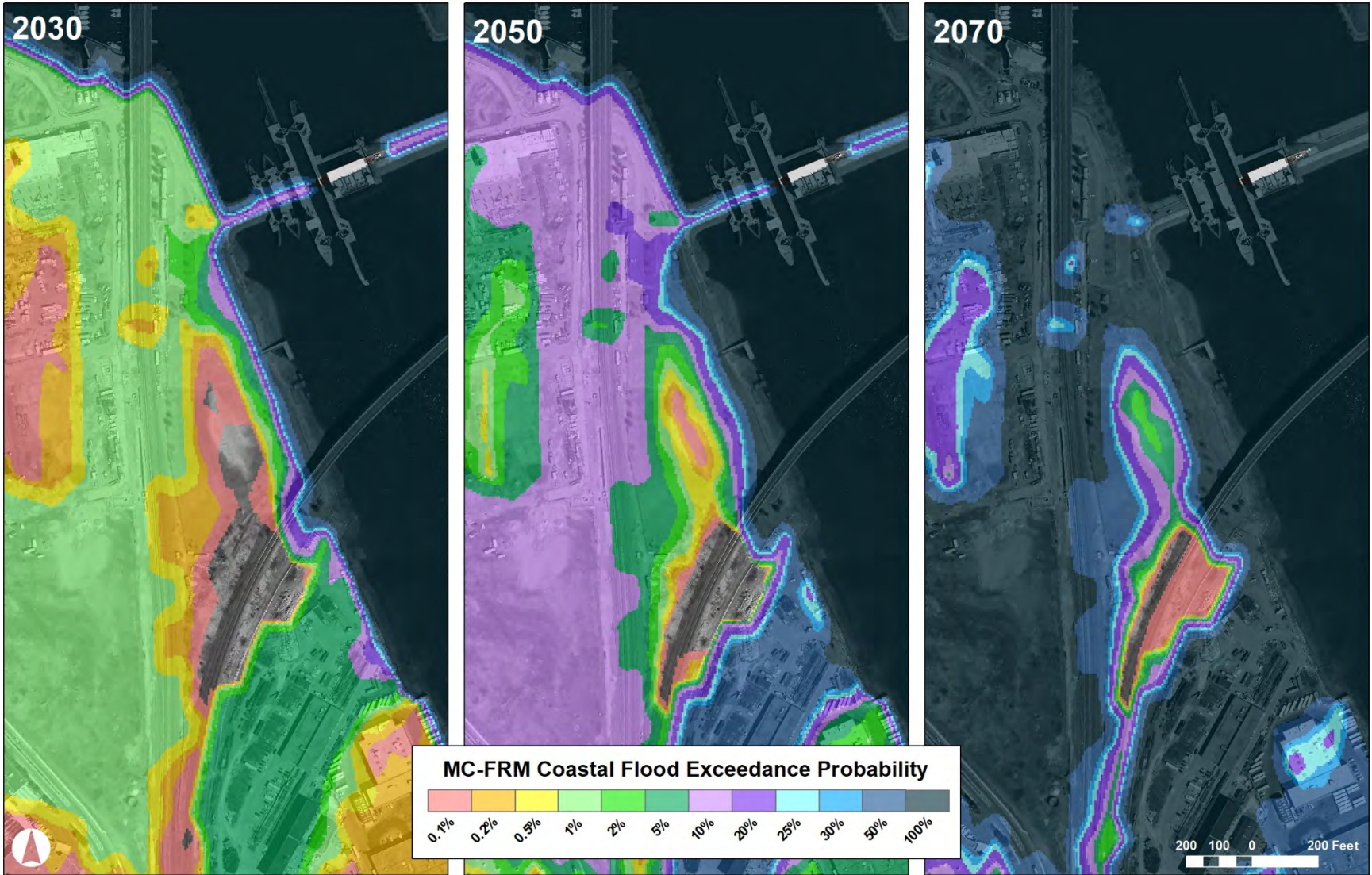
EXISTING CONDITIONS



SITE ANALYSIS - GENERAL



SITE ANALYSIS – CLIMATE RESILIENCY



ANNUAL FLOOD PROBABILITY

RESILIENCY PROGRAM



Elevate and Protect

- Elevate grades for critical site features
- Elevate walkways
- Use flood barriers (berms, walls)



Incremental Adaptation

- Identify site evolution and layout
- Design park for future climate impacts
- Protect downstream areas



Embrace Water

- Identify areas to embrace water for flooding and design storm events

CLIMATE RESILIENCY MEASURES TO MANAGE CHRONIC AND ACUTE CHANGES IN ENVIRONMENT OVER TIME

PREFERRED SCHEMATIC DESIGN



ENTRANCE, PARKING, & OVERLOOK AREAS



RESILIENCY MEADOW & GREAT LAWN AREAS



LOOKOUT SCULPTURE MOUND AREA



LANDING PLAZA & SHORELINE AREAS



VIEW FROM PEDESTRIAN BRIDGE LANDING (LOOKING WEST TOWARDS ASSEMBLY ROW)



KEY PLAN



VIEW FROM RIVERWALK (LOOKING SOUTH TOWARDS CHARLESTOWN)



KEY PLAN

PRECEDENT IMAGES | SHORELINE



PRECEDENT IMAGES | RIVERFRONT



PRECEDENT IMAGES | PARK FEATURES



PRECEDENT IMAGES | PARK FEATURES



GRADING PLAN



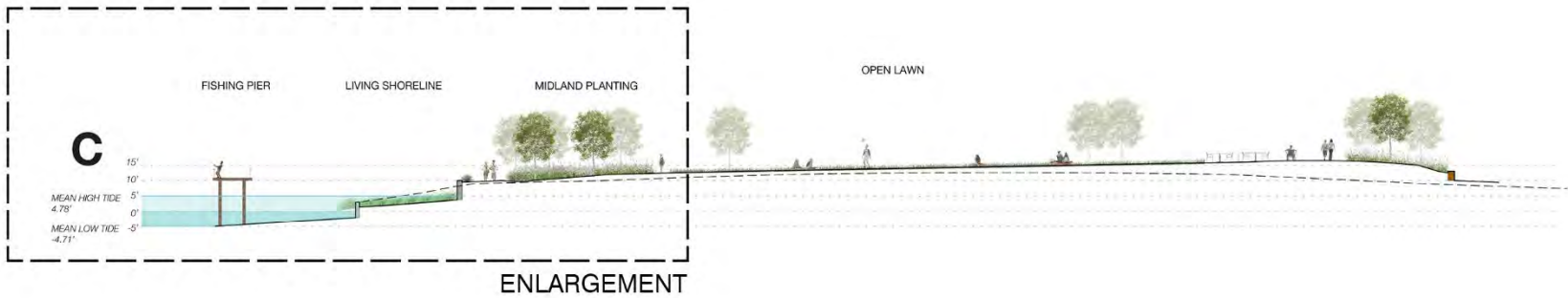
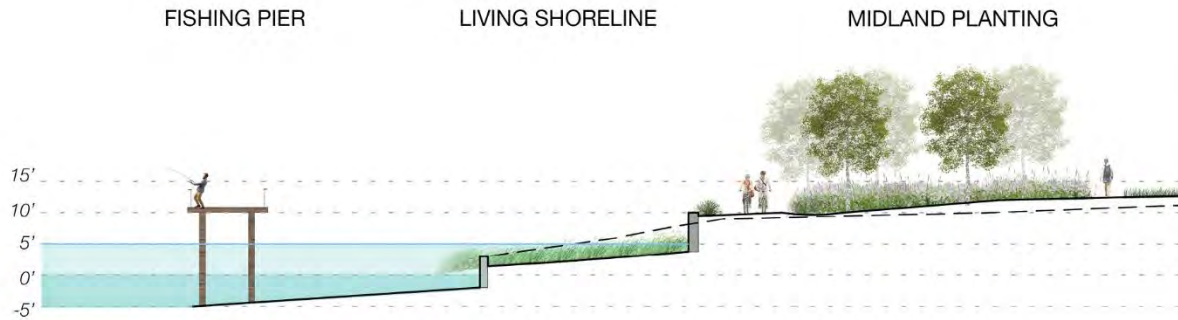
SITE CROSS SECTION REFERENCE MAP



SITE CROSS SECTIONS



SITE CROSS SECTIONS

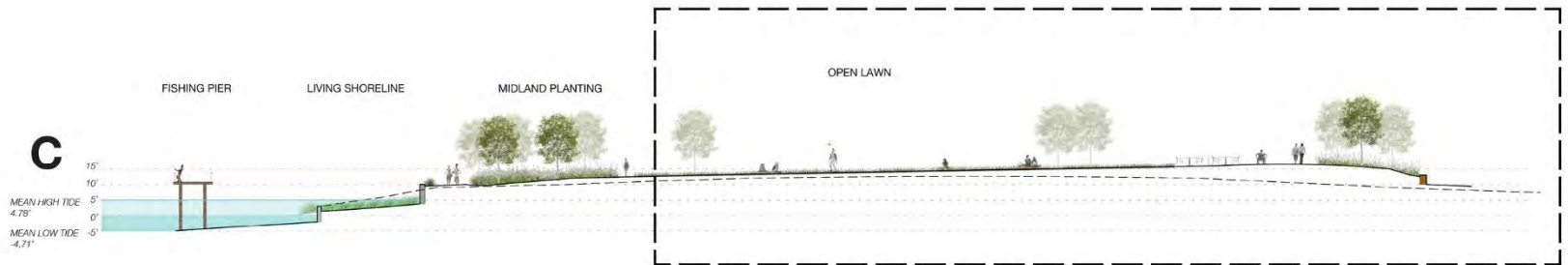
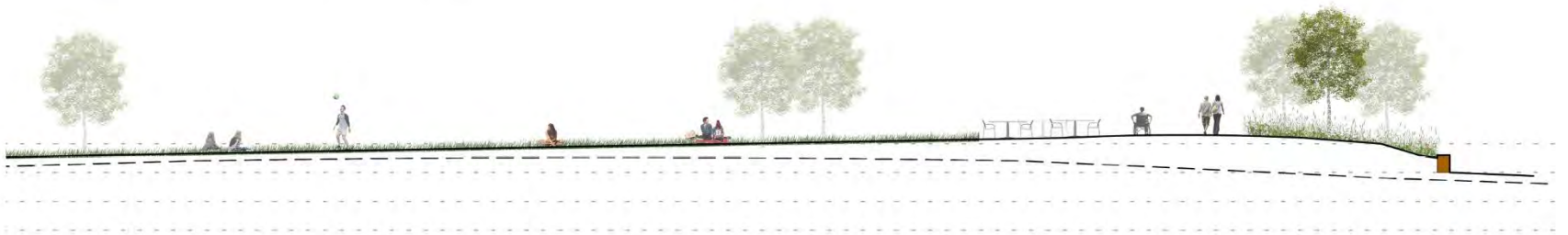


SITE CROSS SECTIONS



SECTION KEY

OPEN LAWN



ENLARGEMENT

SITE CROSS SECTIONS

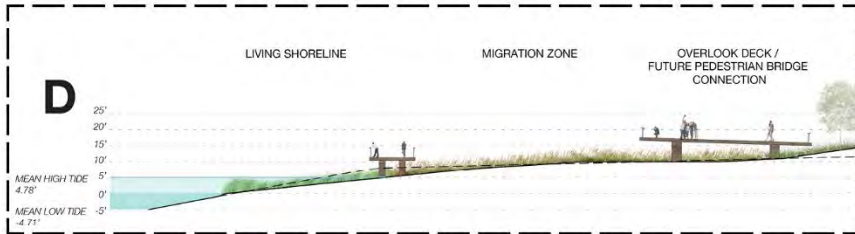
LIVING SHORELINE

MIGRATION ZONE

OVERLOOK DECK /
FUTURE PEDESTRIAN BRIDGE
CONNECTION



SECTION KEY



ENLARGEMENT

UPLAND PLANTING

OVERLOOK





SITE CROSS SECTIONS



SECTION KEY

UPLAND PLANTING

OVERLOOK



LIVING SHORELINE

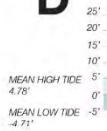
MIGRATION ZONE

OVERLOOK DECK / FUTURE PEDESTRIAN BRIDGE CONNECTION

UPLAND PLANTING

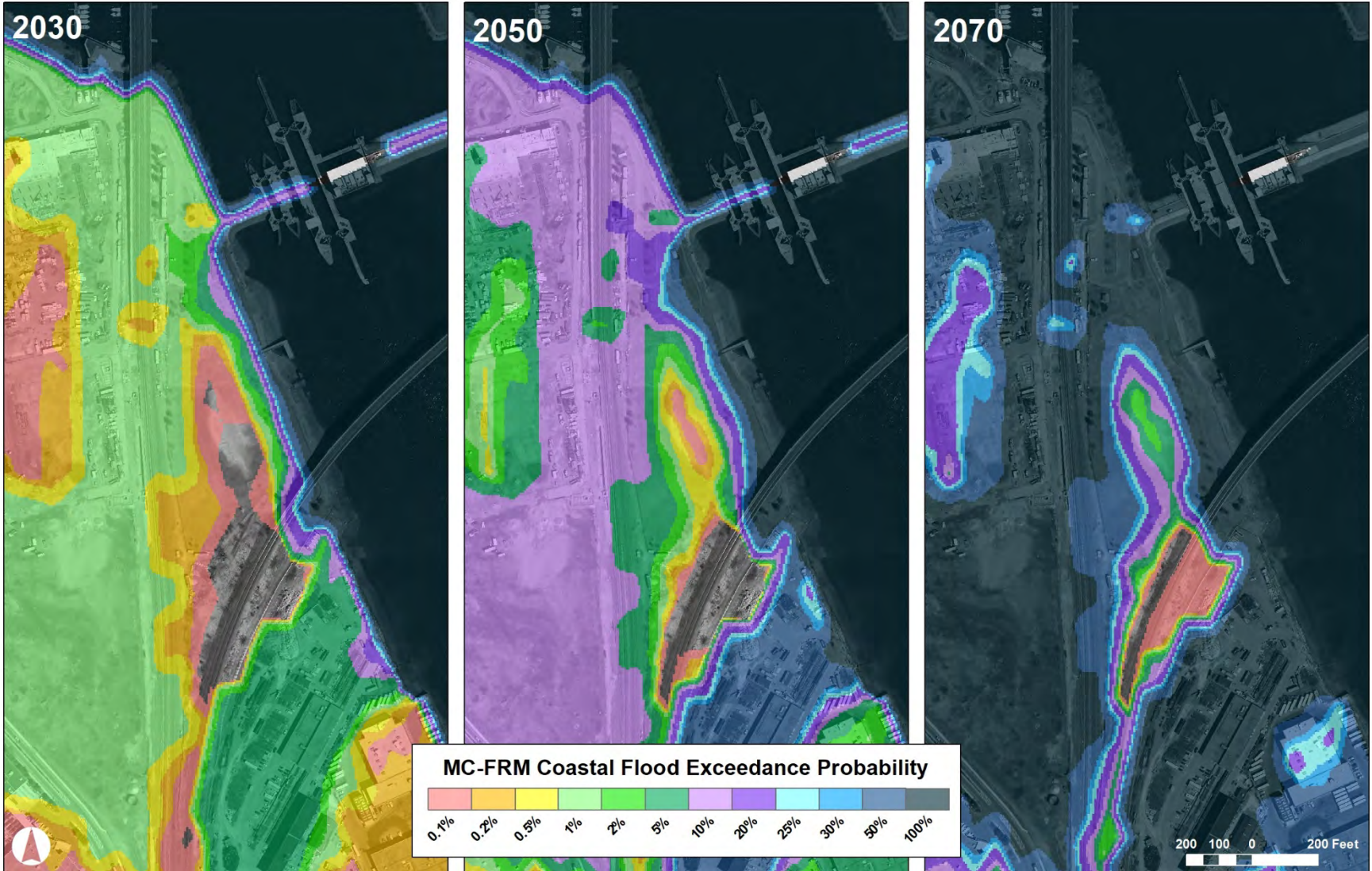
OVERLOOK

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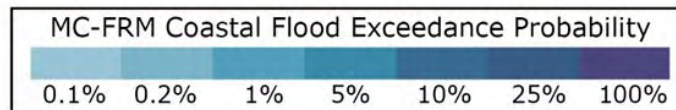
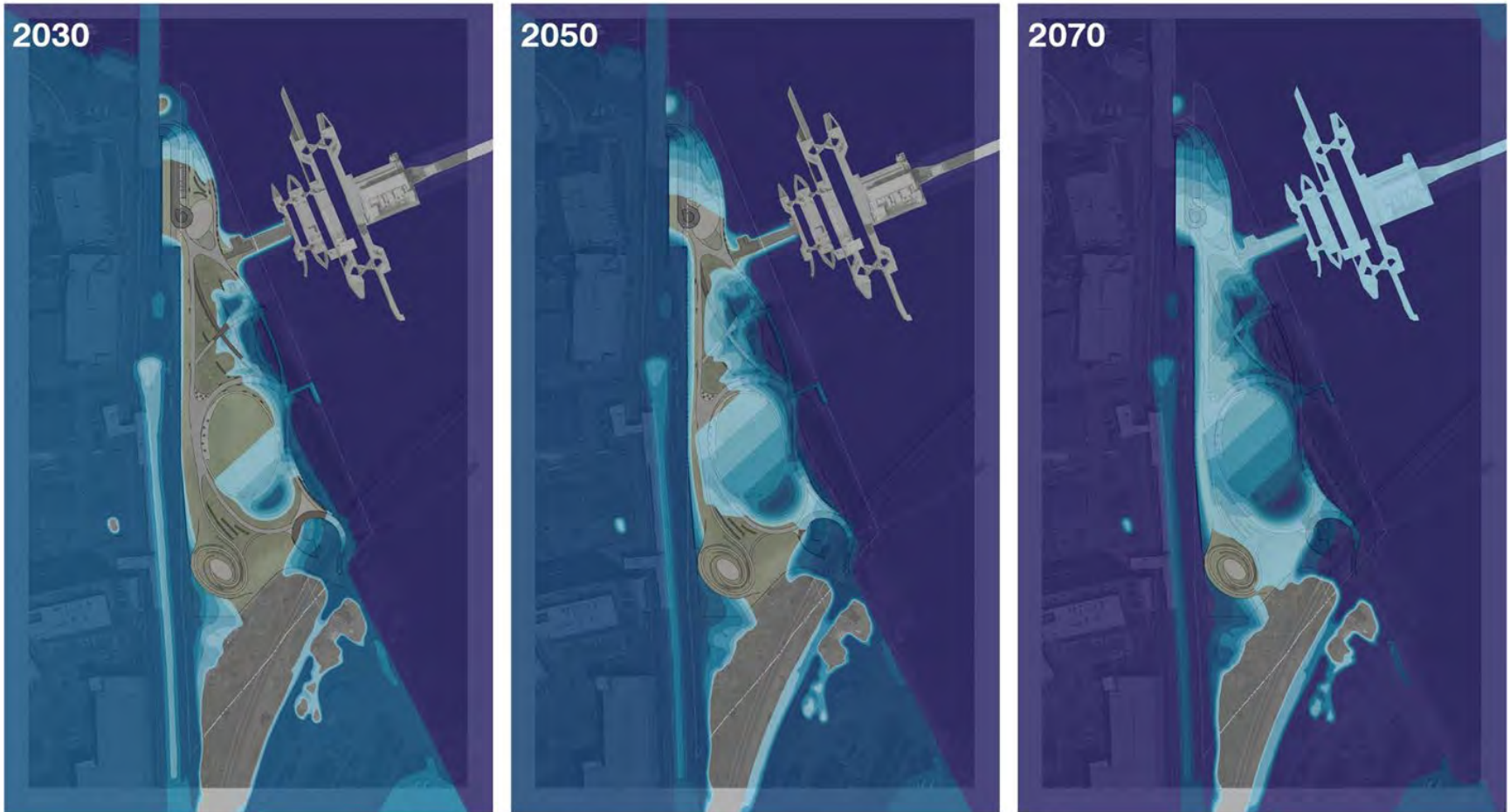


ENLARGEMENT

ANNUAL FLOOD PROBABILITY - EXISTING



ANNUAL FLOOD PROBABILITY - PROPOSED



PROJECT SCHEDULE

Winter 2020	Public Process
	75% Construction Documents
	Permitting Underway
Summer 2020	100% Construction Documents
	Permitting Concludes
Fall 2020-2021	Bidding & Construction Begins
Spring 2022	Park Opens



PERMITTING

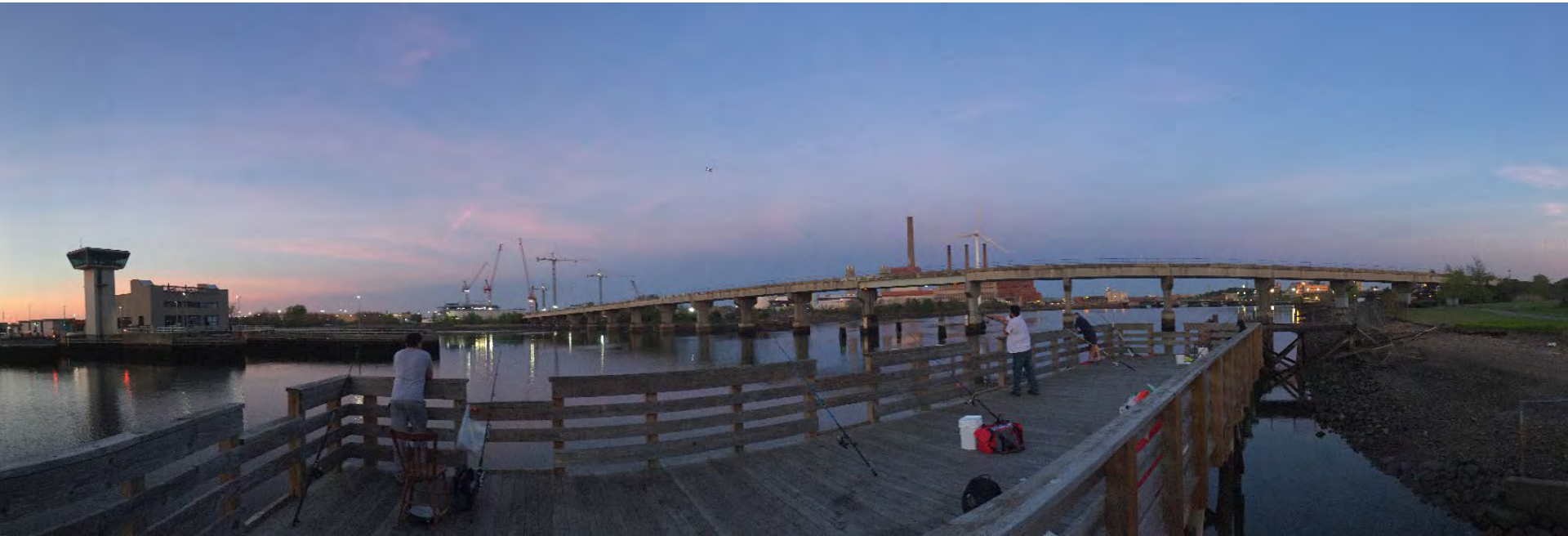
1. Massachusetts Environmental Policy Act ENF/EIR
2. City of Somerville Conservation Commission NOI
3. MassDEP 401 Water Quality Certification
4. ACOE General/Individual Permit
5. Coastal Zone Management Federal Consistency Review
6. DCR Dam Safety Permit
7. MassDEP Ch. 91 permitting
8. MWRA 8(m) permit

NEXT STEPS...



COMMENTS & QUESTIONS?

THANK YOU !





ADDITIONAL INFORMATION

For more information:

<http://www.mass.gov/eea/agencies/dcr/public-outreach/public-meetings/>

If you have comments or suggestions on this project:

Submit online:

<https://www.mass.gov/forms/dcr-public-comments>

Write: Department of Conservation and Recreation
Office of Public Outreach
251 Causeway Street, Suite 600
Boston, MA 02114

Deadline: Tuesday - March 17, 2020

Note: Public comments submitted to DCR may be posted on the DCR website in their entirety, and no information, including contact information, will be redacted.

If you wish to subscribe to a DCR general information or project-related listserv: contact DCR's Office of Community Relations at 617-626-4973 or Mass.Parks@state.ma.us.