



MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

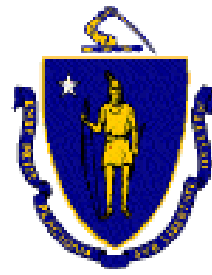
DRAW SEVEN PARK RENOVATION PROJECT

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

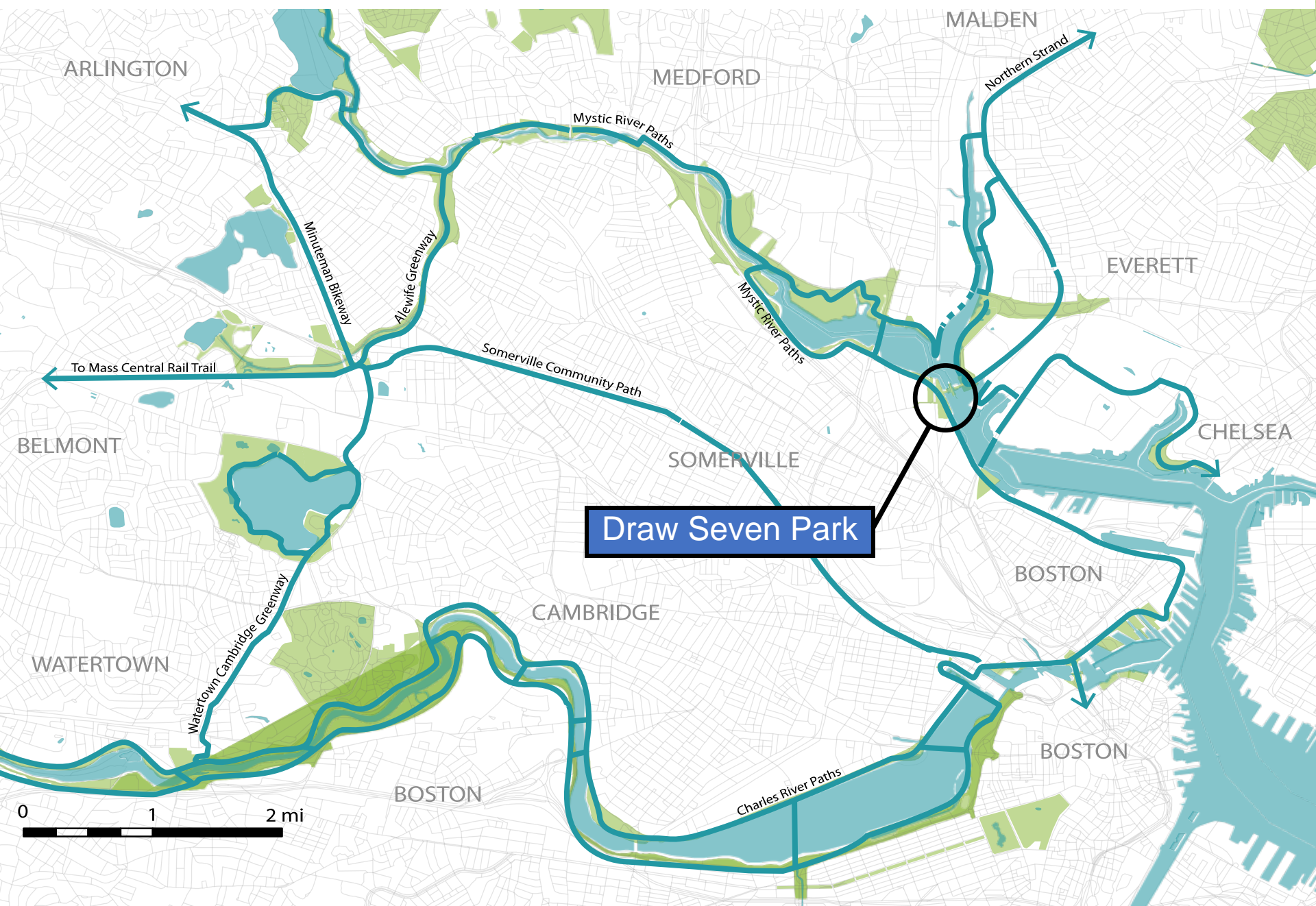
*To protect, promote, and enhance our
commonwealth of natural, cultural,
and recreational resources
for the well-being of all.*



Purpose of Meeting

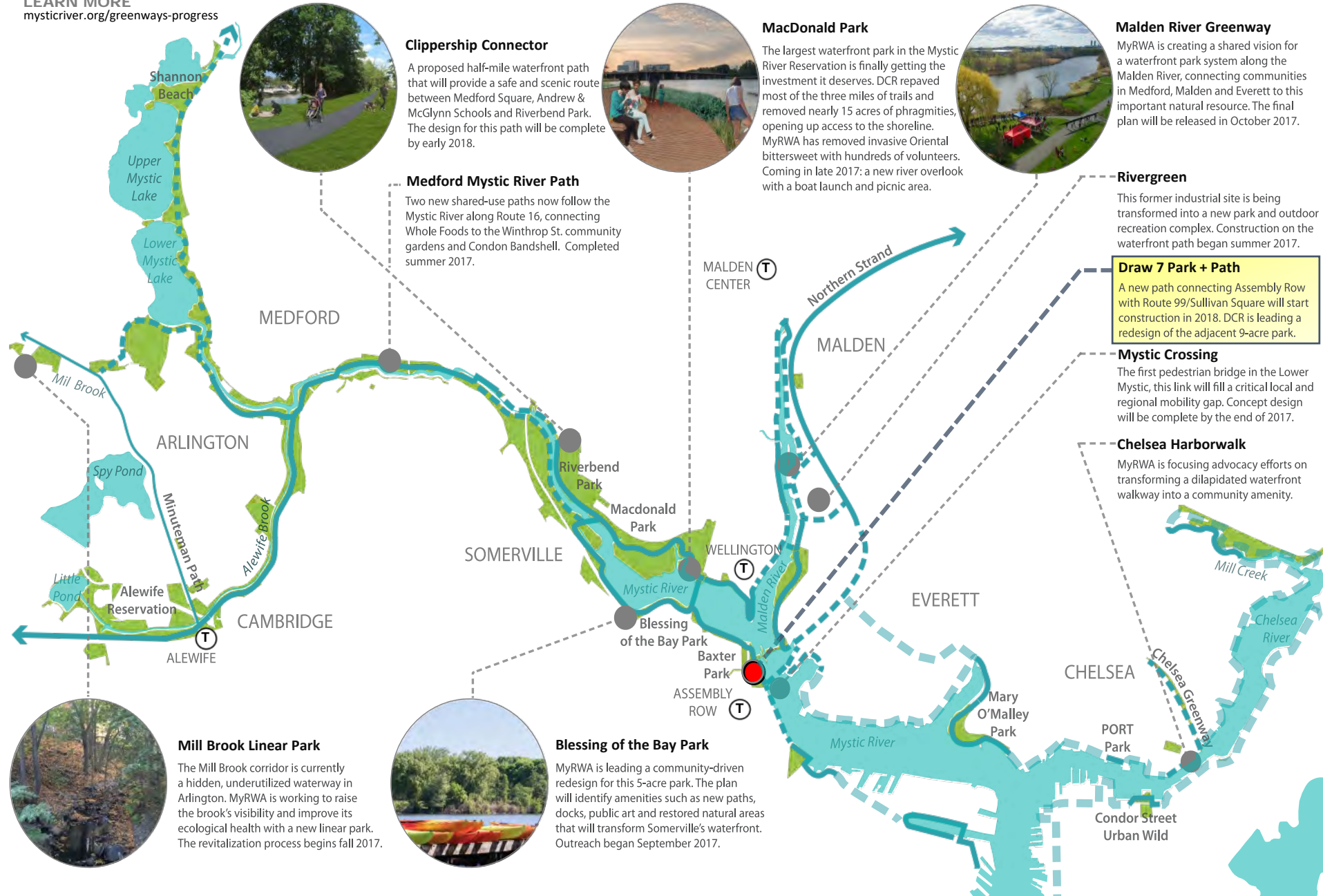
*Presentation and solicitation of
public comments on the
schematic design
proposed for the renovation of
Draw Seven Park
in Somerville.*

REGIONAL CONNECTIVITY

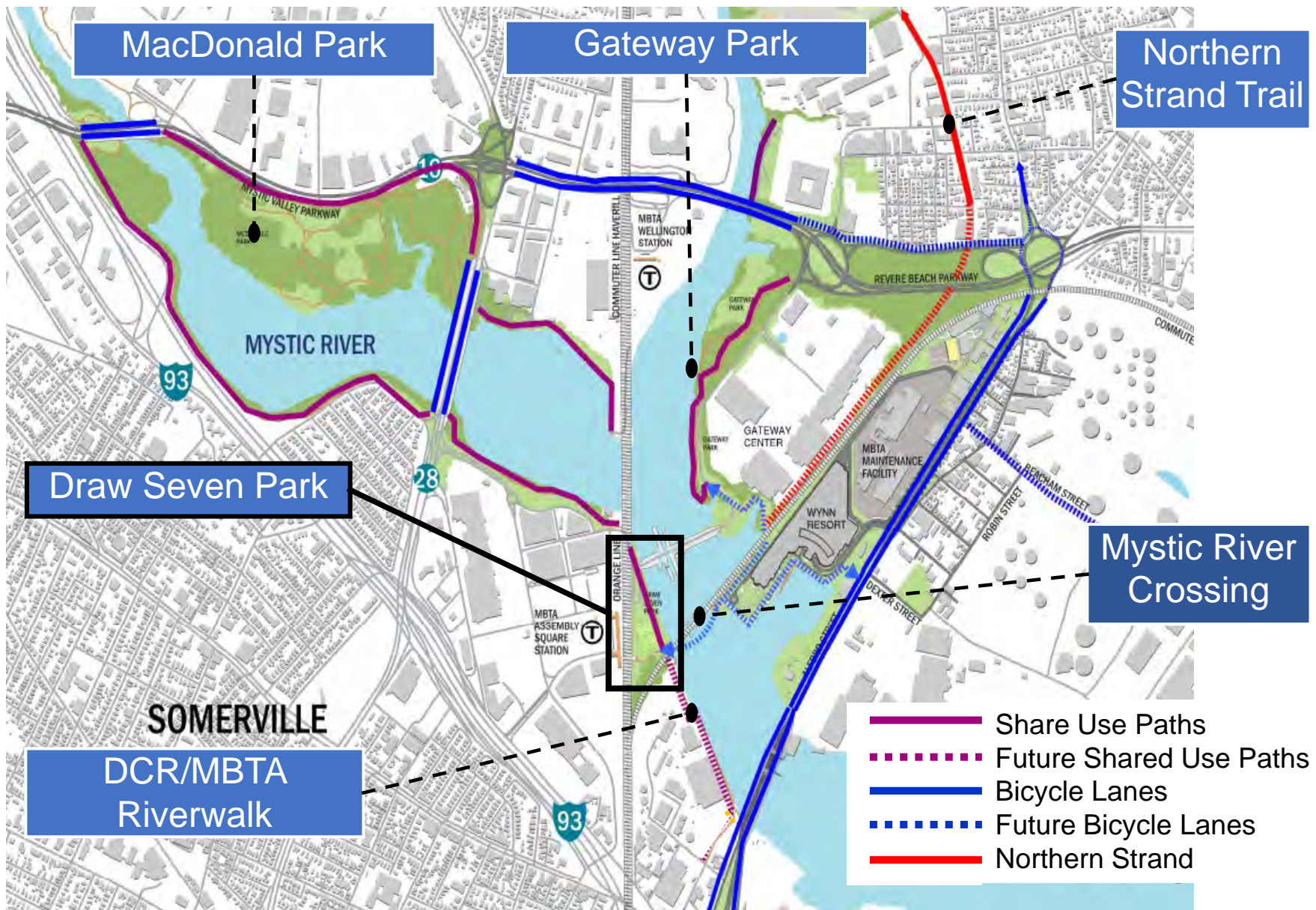


MYSTIC GREENWAYS PROGRESS

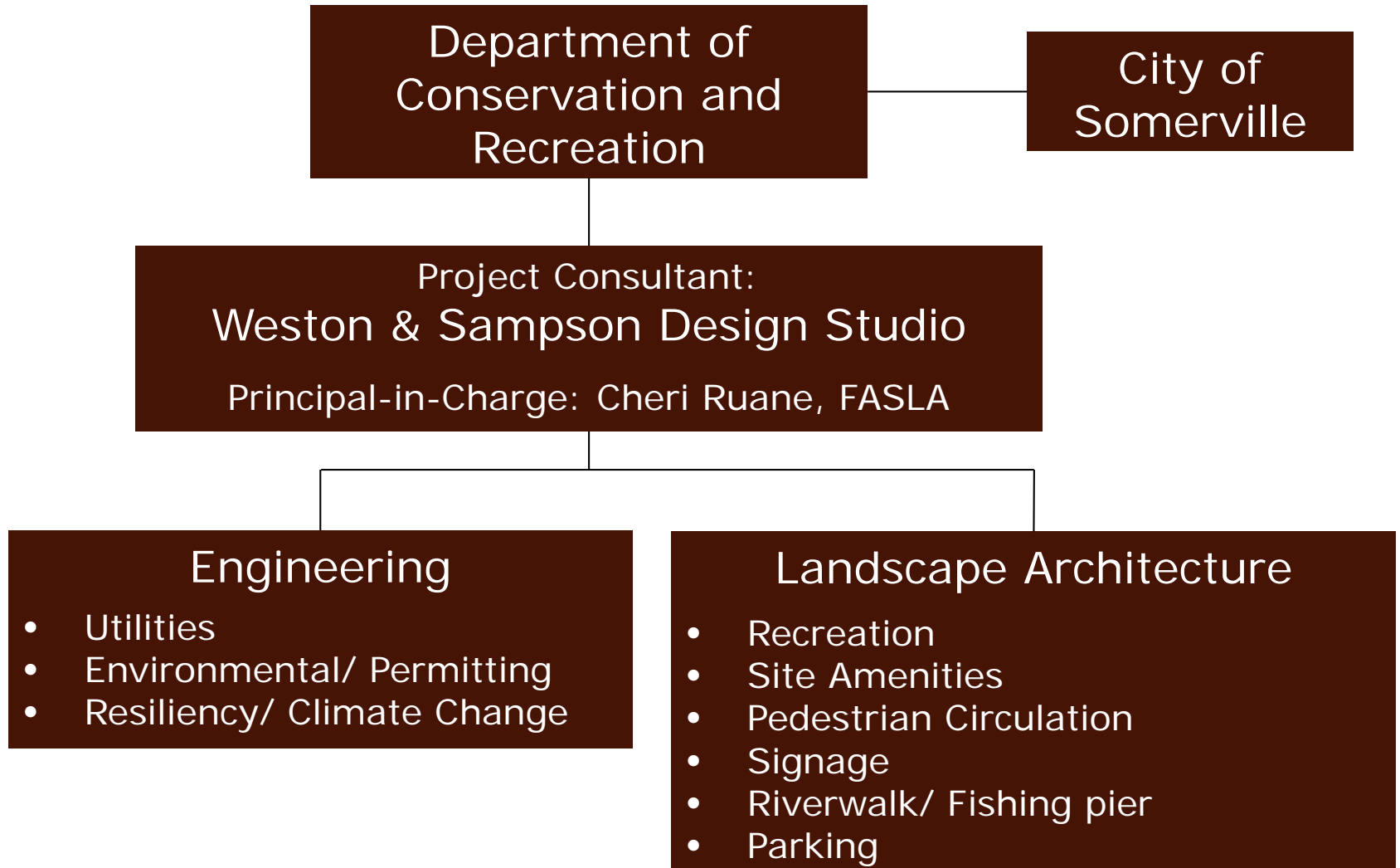
LEARN MORE
mysticriver.org/greenways-progress



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



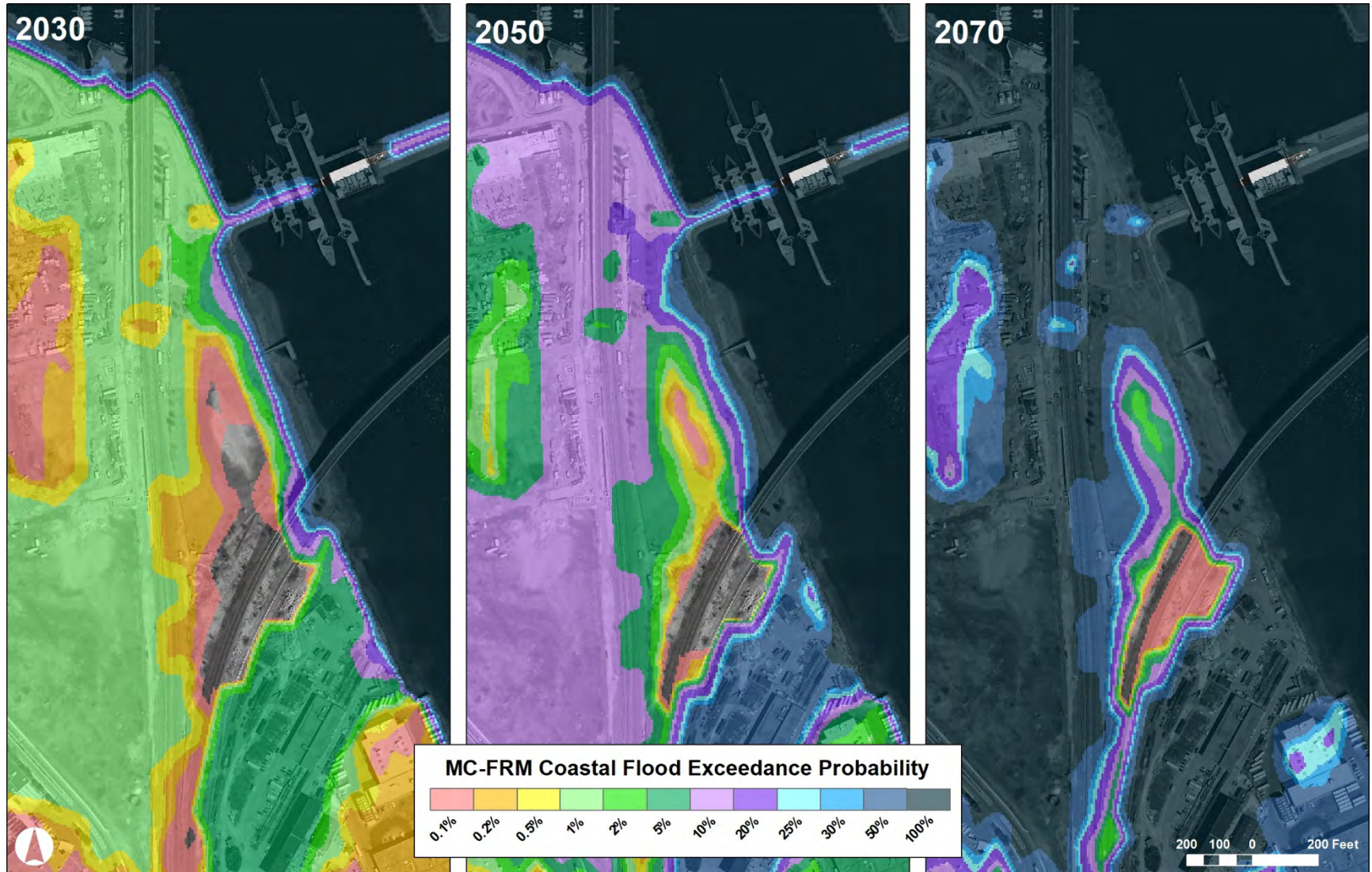
EXISTING CONDITIONS



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



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VIEW FROM RIVERWALK (LOOKING SOUTH TOWARDS CHARLESTOWN)

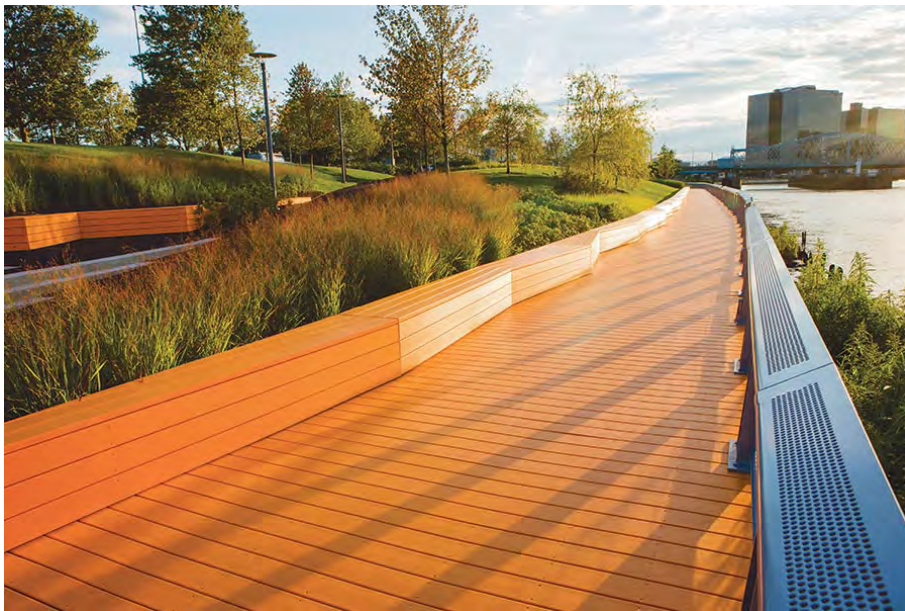


KEY PLAN

PRECEDENT IMAGES | SHORELINE



PRECEDENT IMAGES | RIVERFRONT



PRECEDENT IMAGES | PARK FEATURES



PRECEDENT IMAGES | PARK FEATURES



GRADING PLAN



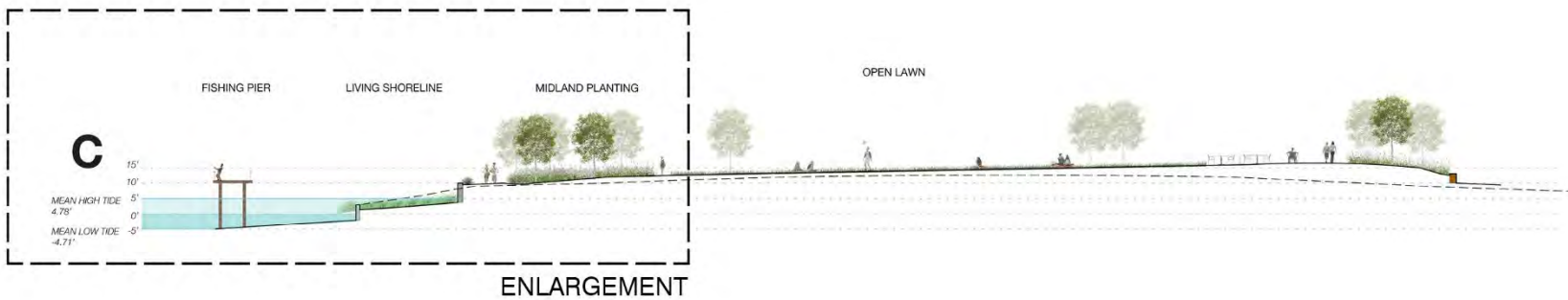
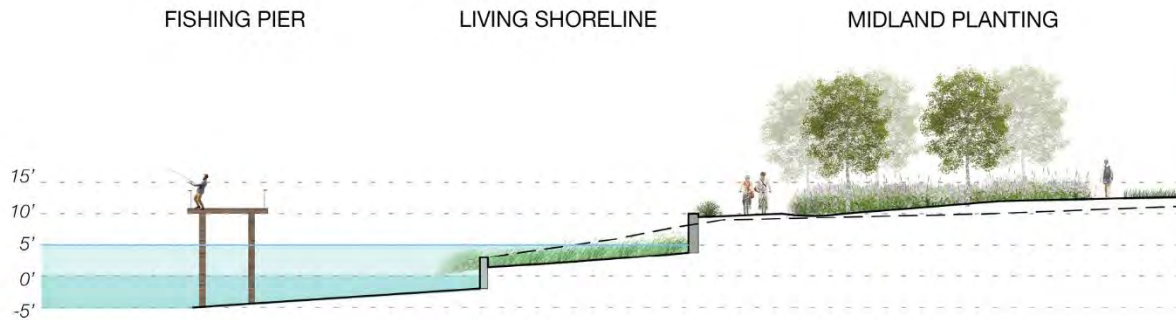
SITE CROSS SECTION REFERENCE MAP



SITE CROSS SECTIONS



SITE CROSS SECTIONS

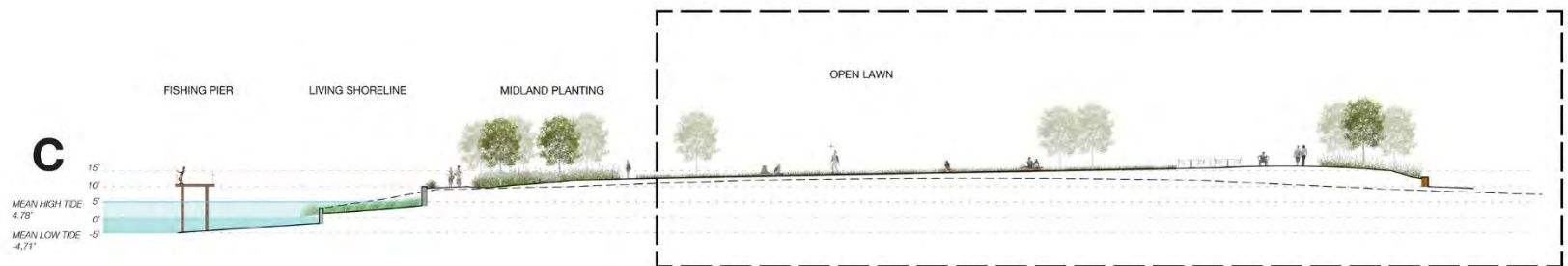
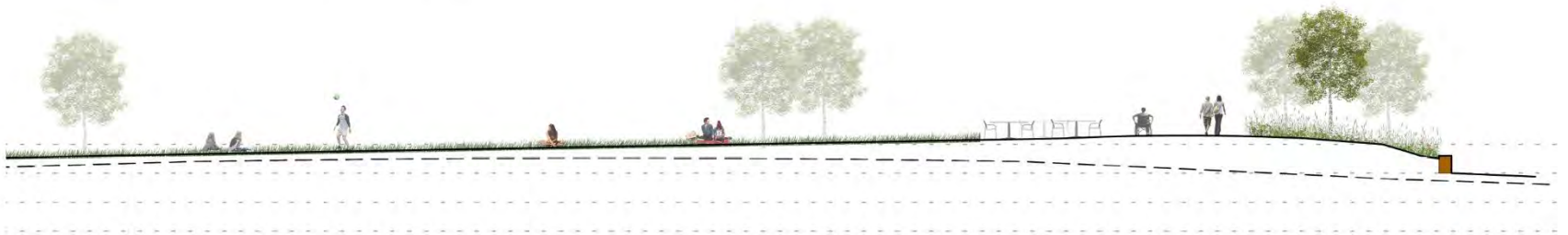


SITE CROSS SECTIONS



SECTION KEY

OPEN LAWN



ENLARGEMENT

SITE CROSS SECTIONS

LIVING SHORELINE

MIGRATION ZONE

OVERLOOK DECK /
FUTURE PEDESTRIAN BRIDGE
CONNECTION



SECTION KEY



LIVING SHORELINE

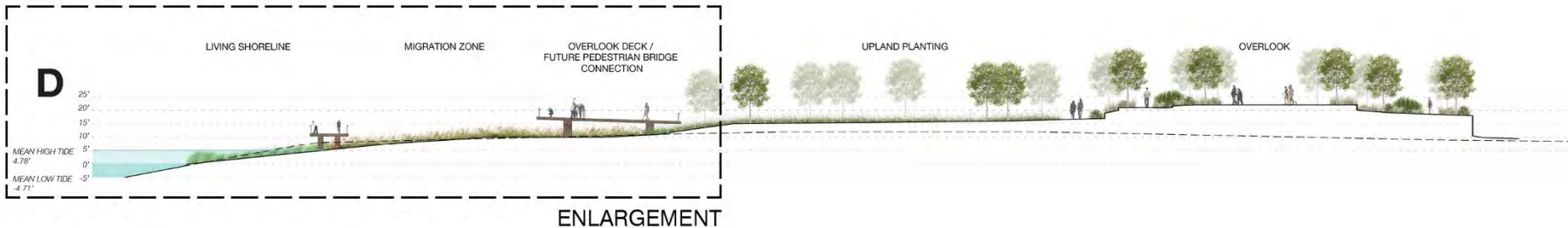
MIGRATION ZONE

OVERLOOK DECK /
FUTURE PEDESTRIAN BRIDGE
CONNECTION

UPLAND PLANTING

OVERLOOK

ENLARGEMENT





SITE CROSS SECTIONS



SECTION KEY

UPLAND PLANTING

OVERLOOK



LIVING SHORELINE

MIGRATION ZONE

OVERLOOK DECK /
FUTURE PEDESTRIAN BRIDGE
CONNECTION

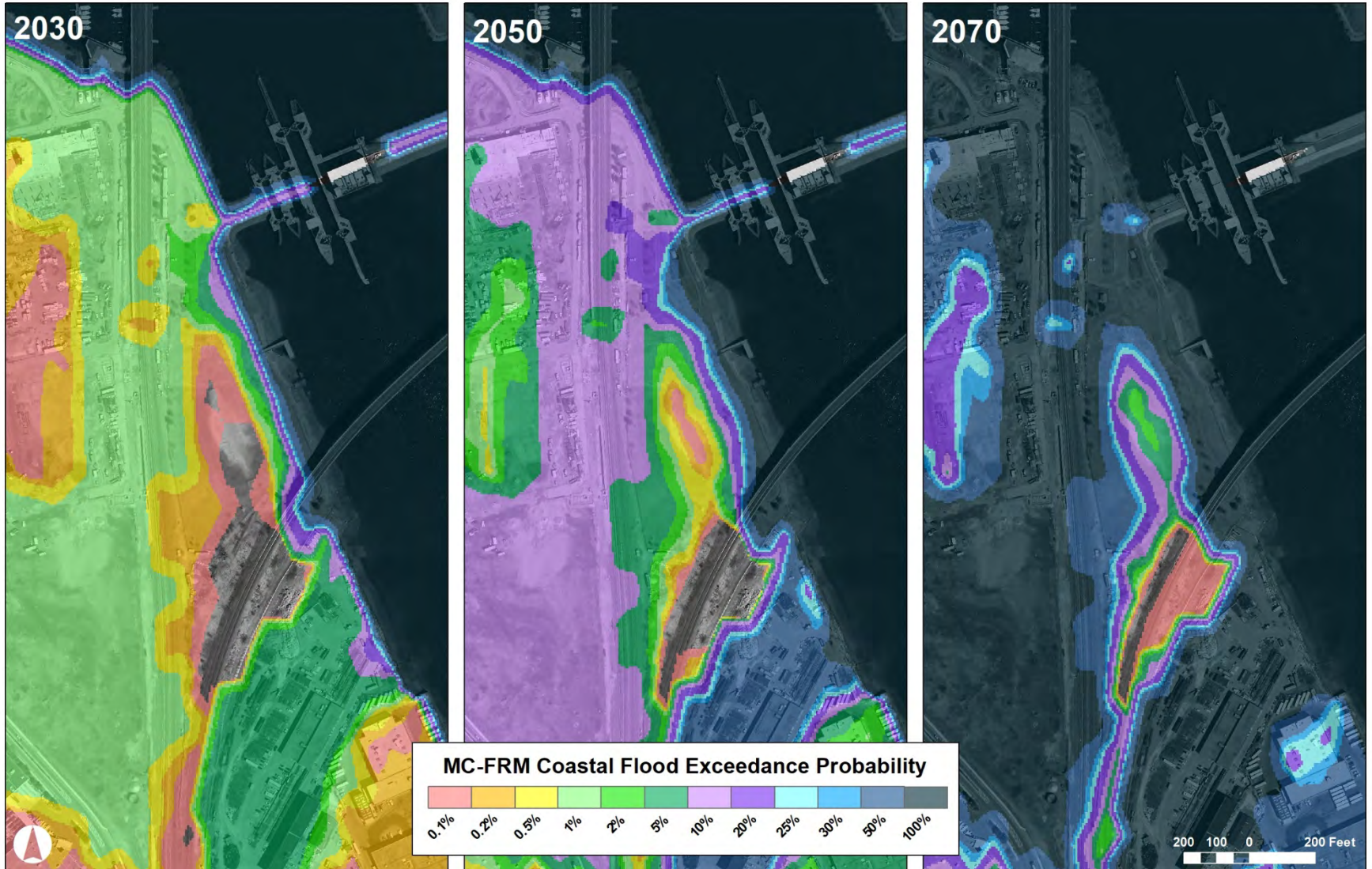
UPLAND PLANTING

OVERLOOK

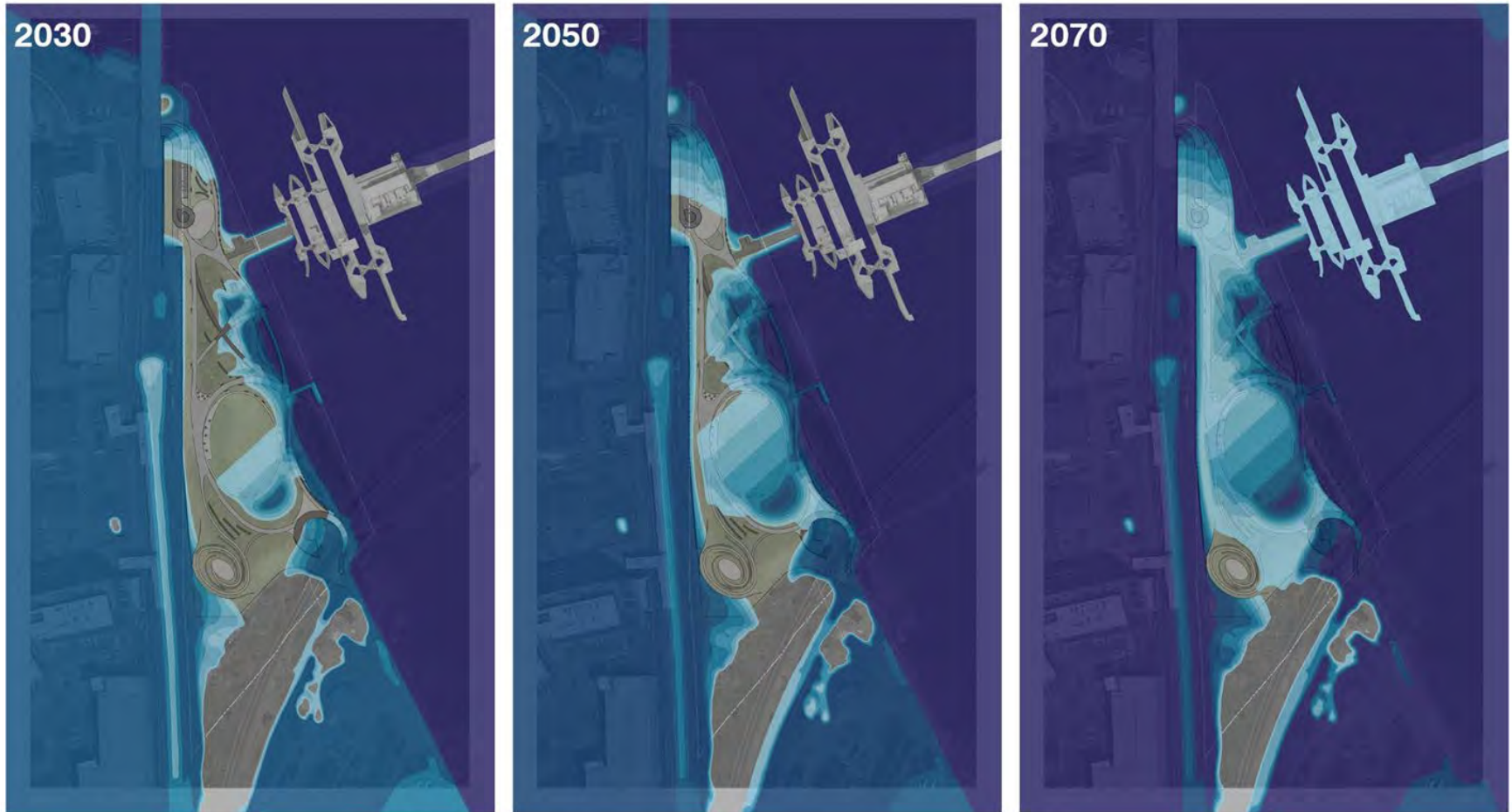


ENLARGEMENT

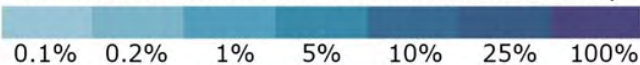
ANNUAL FLOOD PROBABILITY - EXISTING



ANNUAL FLOOD PROBABILITY - PROPOSED



MC-FRM Coastal Flood Exceedance Probability



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



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NEXT STEPS...



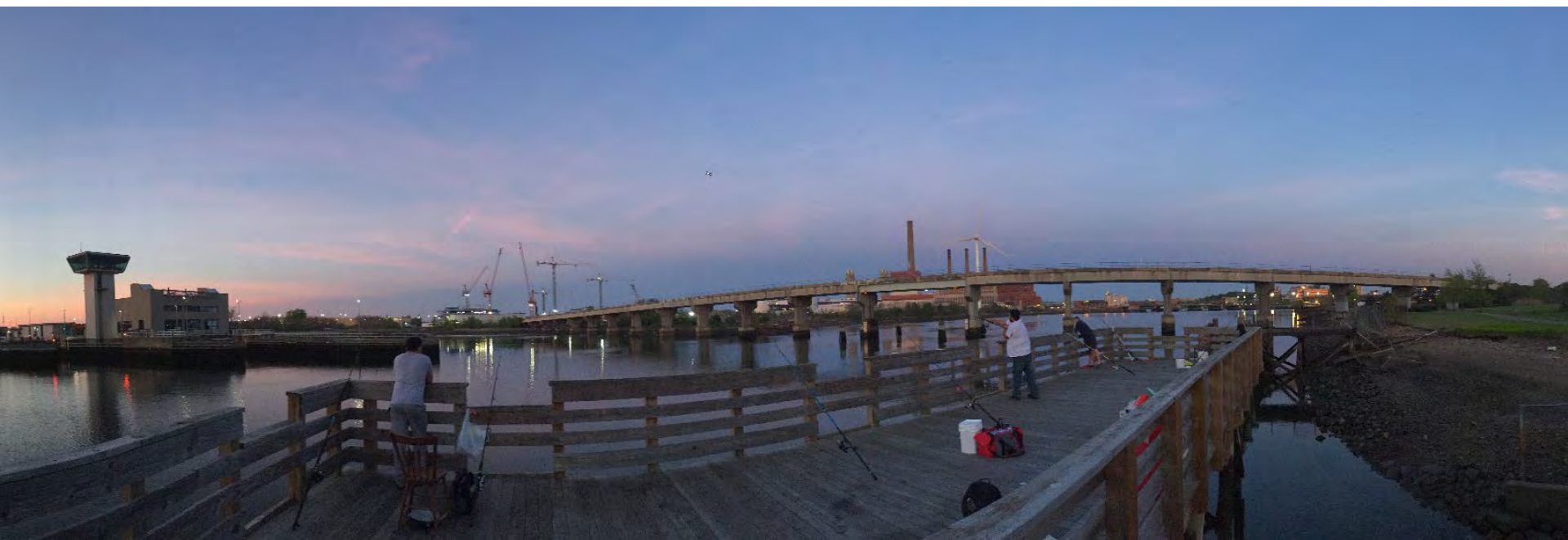


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COMMENTS & QUESTIONS?

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.