

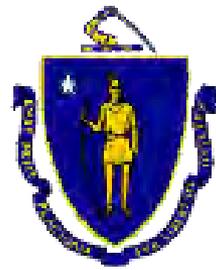
DRAW SEVEN PARK RENOVATION PROJECT

SOMERVILLE, MASSACHUSETTS



DCR Public Meeting

Thursday, November 16th, 2023 – 6:00pm-7:30pm



Commonwealth of Massachusetts

Governor

Maura Healey

Lieutenant Governor

Kim Driscoll

Energy and Environmental Affairs Secretary

Rebecca Tepper

Department of Conservation and Recreation Commissioner

Brian Arrigo



DCR Mission Statement

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

Meeting Format

- Our speakers will present the projects, asking attendees to remain muted.
- Two ways to ask questions during the Q&A period:
 - Use the chat feature, or
 - Raise your hand using Zoom function, wait for permission.
- This public meeting will be recorded, and posted after the meeting
- If you have comments or questions on this project:
 - Click, "Submit Comment", search "Draw Seven" at the MEPA link below:
 - <https://eeaonline.eea.state.ma.us/EEA/PublicComment/Landing/>
 - Deadline: Wednesday – November 22, 2023



Purpose of Meeting

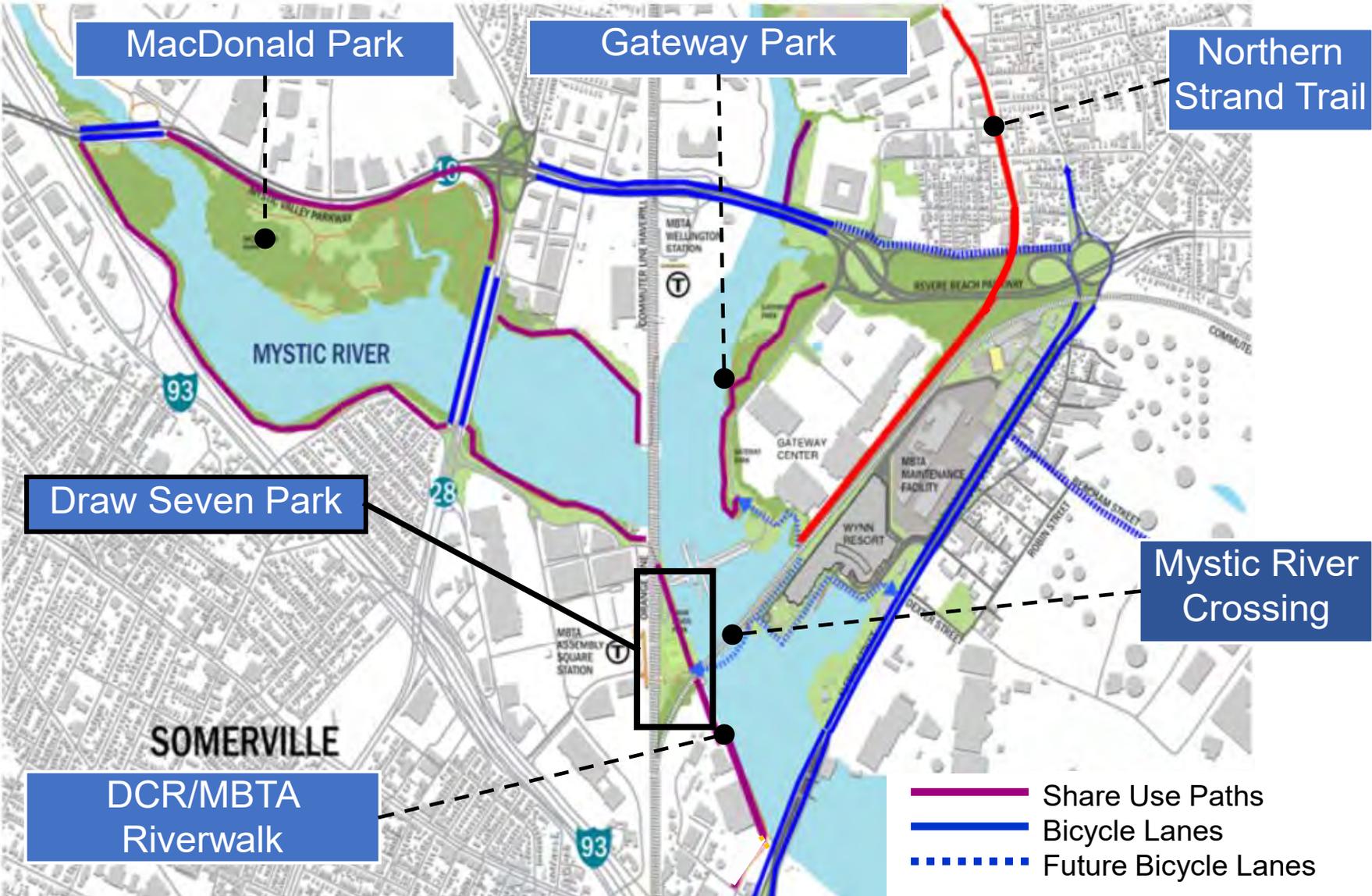
At this virtual public meeting, the project team will present the design for Draw Seven Park, and review the permitting process currently in progress, as well as the anticipated construction schedule and impacts.



Regional Connectivity



Location and Surrounding Bike/Ped Facilities



Draw Seven Project Team

Department of
Conservation and
Recreation

Project Consultant:
Weston & Sampson Design Studio
Principal-in-Charge: Cheri Ruane, FASLA

Engineering

- Utilities
- Environmental/ Permitting
- Resiliency/ Climate Change

Landscape Architecture

- Recreation
- Site Amenities
- Pedestrian Circulation
- Signage
- Riverwalk/ Fishing pier
- Parking

Draw Seven Partners

City of Somerville

Mystic River Watershed Association (MyRWA)

Executive Office of Energy and
Environmental Affairs (EEA)

National Park Service

Project Goals

Connectivity

Recreation

Ecological/habitat restoration

Climate resiliency/flood protection

Upgraded Amelia Earhart Dam utilities

What We Have Heard

"Would like to see more trees and native plants"

"Prefer passive recreation over a sports facility"

"Would like more shade, the site is very exposed, especially in the summer."

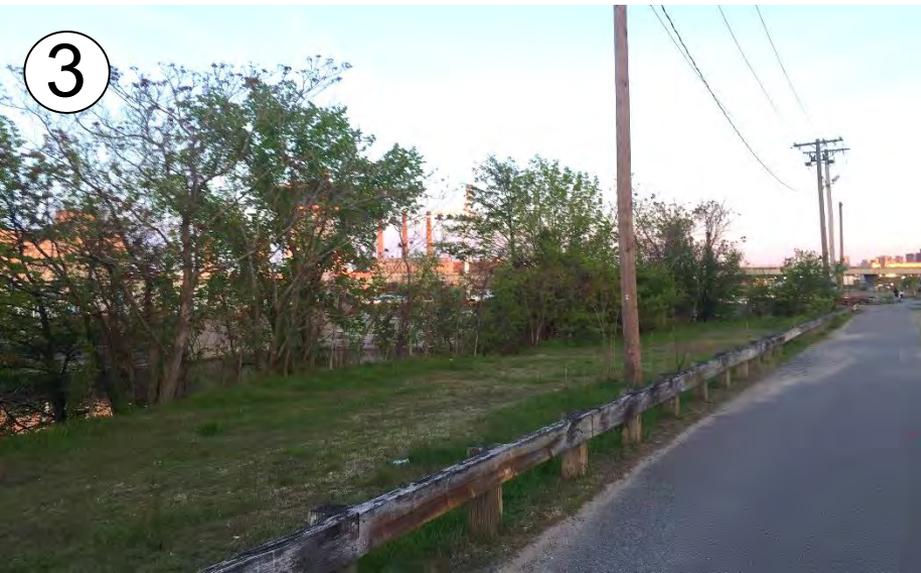
"Want to have wider paths for bikes along the water that connect to the other bike paths."

"Want to still be able to fish off the pier and along the shore."

Existing Conditions



Existing Conditions



Existing Conditions



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 RESILIENCE MEASURES TO MANAGE CHRONIC AND ACUTE CHANGES IN ENVIRONMENT OVER TIME

Existing Conditions



Final Design



LIVING SHORELINE

RIVERWALK

ENTRY PLAZA

VEHICLE ENTRANCE & PARKING

PEDESTRIAN & BICYCLE ENTRANCE

NORTHERN OVERLOOK

MBTA DANA BRIDGE

AMELIA EARHART DAM

AMELIA EARHART DAM

RAISED TRANSFORMER PLATFORM

ENTRY PLAZA

PARKING (13 SPACES)

AED ACCESS ROAD

AED STAFF PARKING

EXISTING MWRA VAULT

NATURALIZED PLANTINGS

LIVING SHORELINE RIVER WALK PATH

EXISTING FISHING PIER

OPEN LAWN

LIVING SHORELINE RIVER WALK PATH

BEACH ACCESS PATH

FUTURE PEDESTRIAN BRIDGE

MBTA COMMUTER RAIL BRIDGE

MBTA COMMUTER RAIL BRIDGE

FUTURE STIC RIVER PEDESTRIAN BRIDGE

FISHING PIER

LIVING SHORELINE

LANDING PLAZA

OPEN LAWN

UPLAND WALK

OVERLOOK

ALFORD STREET EXTENSION PATH

NATURALIZED PLANTINGS

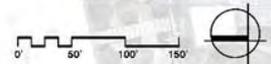
LIVING SHORELINE RIVER WALK PATH

NATURALIZED PLANTINGS

LANDING PLAZA

NATURALIZED PLANTINGS

OVERLOOK PLAZA

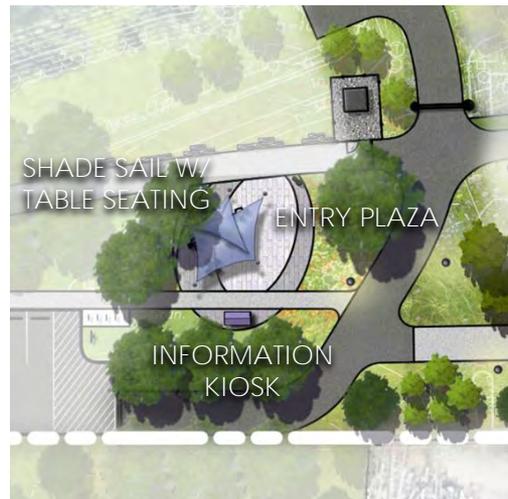


Final Design



Key Elements

- Raised berm with inland path (+5'/6')
- Native plants including ample shade trees along path
- Connects parking to future Mystic River Pedestrian Bridge



Final Design

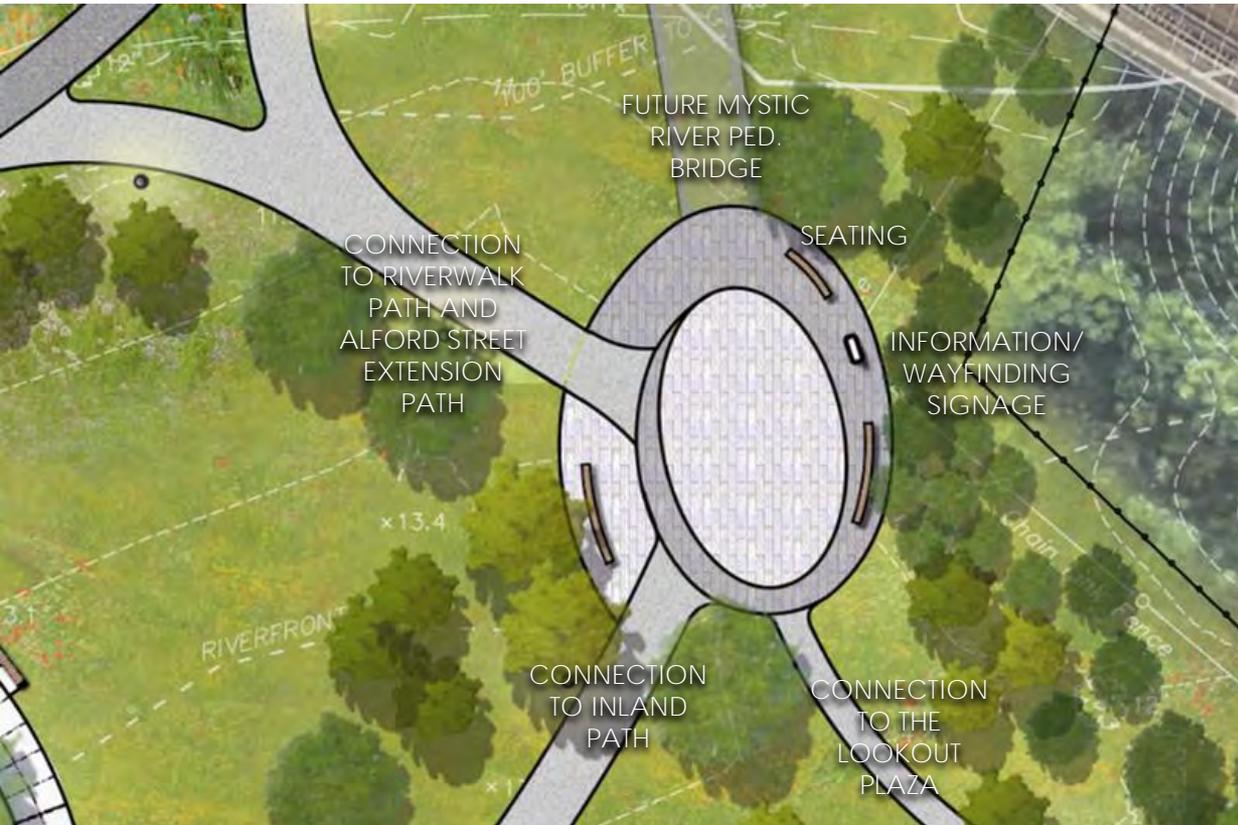
LIVING SHORELINE



Key Elements

- Removing large debris from the beach and replenishing with material that matches existing
- Strategic planting and grading of coastal bank to eliminate scarp and erosion
- Provide access to beach downstream of the AE Dam

Final Design



Key Elements

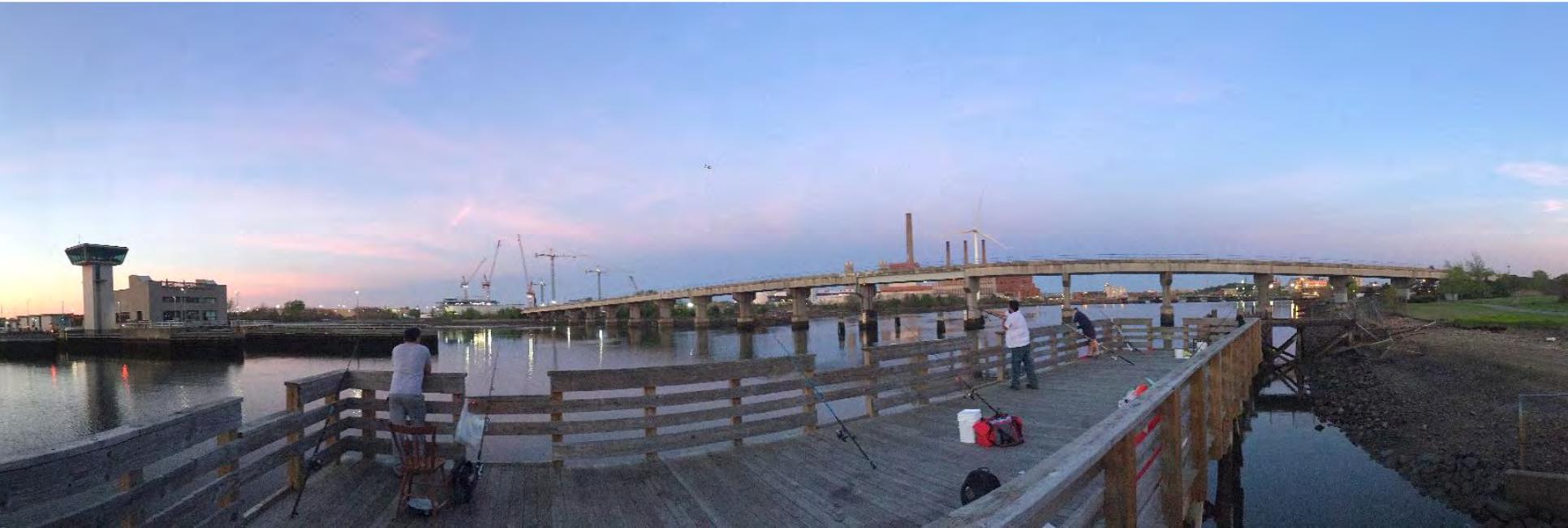
- Improved connectivity through out the park, to the Alford Street Extension Path, and across the river to Everett

NEXT STEPS...



COMMENTS & QUESTIONS?

THANK YOU !





Additional Information

Project Website:

<https://www.mass.gov/info-details/draw-seven-park-renovations-project>

If you have comments or questions on this project:

Click, "Submit Comment", search "Draw Seven" at the MEPA link below:

<https://eeaonline.eea.state.ma.us/EEA/PublicComment/Landing/>

Deadline: Wednesday – November 22, 2023

After the meeting, the presentation will be available for viewing at:

<https://www.mass.gov/dcr/past-public-meetings>

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@mass.gov.

APPENDIX



PERMITTING

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

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

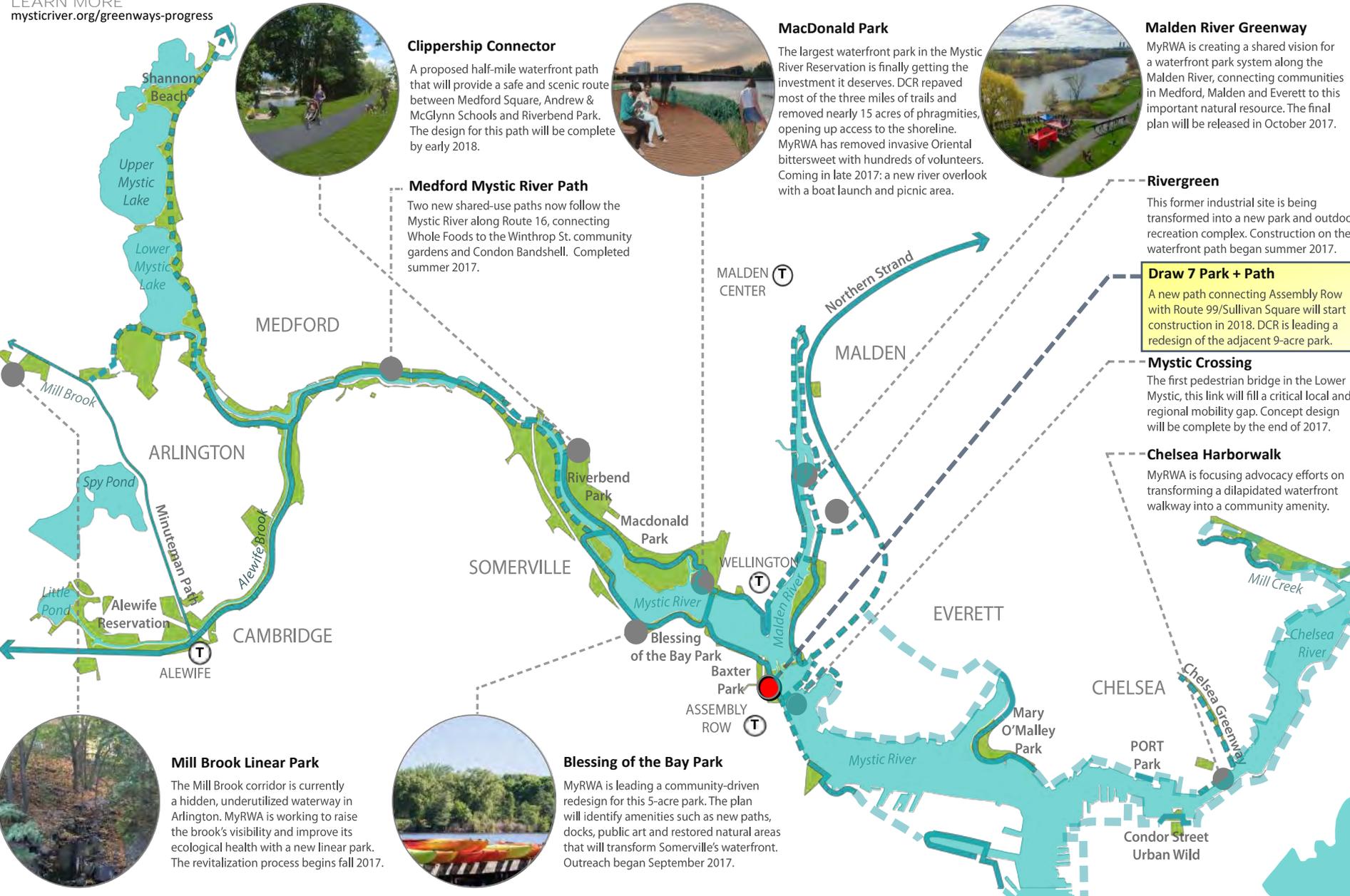
A new path connecting Assembly Row with Route 99/Sullivan Square will start construction in 2018. DCR is leading a redesign of the adjacent 9-acre park.

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.