

Watertown Riverfront Park Charles River Road – Phase 2



MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION



Charles River Watershed





Commonwealth of Massachusetts

Governor

Charles D. Baker

Lieutenant Governor

Karyn E. Polito

Energy and Environmental Secretary

Kathleen A. Theoharides

Department of Conservation and Recreation Acting Commissioner

Stephanie Cooper



MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

Mission Statement

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

Project Team

Department of Conservation and Recreation

Project Proponent – Responsible for design process & construction funding, and project completion



Hatch

Design Consultant – Roadway design, landscape architecture and permitting

Haven Construction

Contractor on site responsible for project construction.

Project Goals

WATERTOWN RIVERFRONT CHARLES RIVER ROAD PHASE 2

1. Provide ADA compliant sidewalks on both sides of Charles River Road
2. Strengthen the connections between the neighborhood and the park
3. Stabilize riverbank erosion and provide enhanced access to the River
4. Restore the greenway path adjacent to the River and Perkins Hill
5. Provide updated ADA compliant access to the DCR playground
6. Create regional destination for all citizens



Design Process

COMMUNITY DRIVEN

Stewardship Group Meetings & Design Reviews

Community site visits

Public Presentations

Accessibility Review with The Perkins School

DESIGN

Site reconnaissance and Observation

Concept, SD, DD, CD, Bid Documents, Construction Administration

Permitting

PERMITTING

WPA Notice of Intent - MDEP

Order of Conditions – Watertown Con Comm.

NPDES, General Construction Permit - EPA

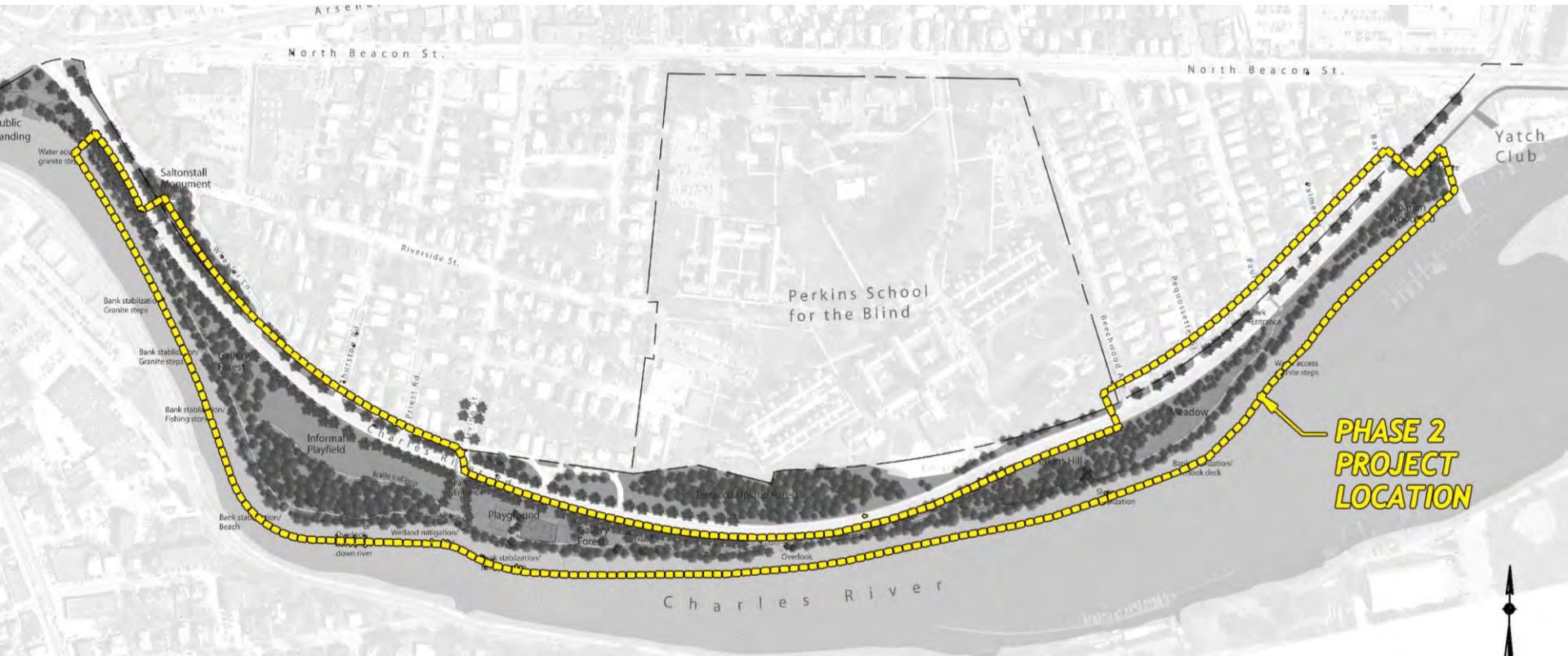
Chapter 91 – MDEP

Section 10 & 404 - Army Corps Engineers

Massachusetts Historical Commission



Phase 2 Project Limits



Phase 2



WHAT'S FEATURED IN PHASE 2:

- Playground ADA Access
- Narrowing of roadway shoulder for continuous Sidewalk Access
- Pathway Restoration behind Perkins Hill
- Additional River Access points
- Bank Stabilization at 20 problem areas
- Enhanced Planting
- Five New crosswalks & New Sidewalks/Ramps



Phase 2

OOB Locations

- Built (Phase 1)
■ Unbuilt (Phase 2)

Additional Locations

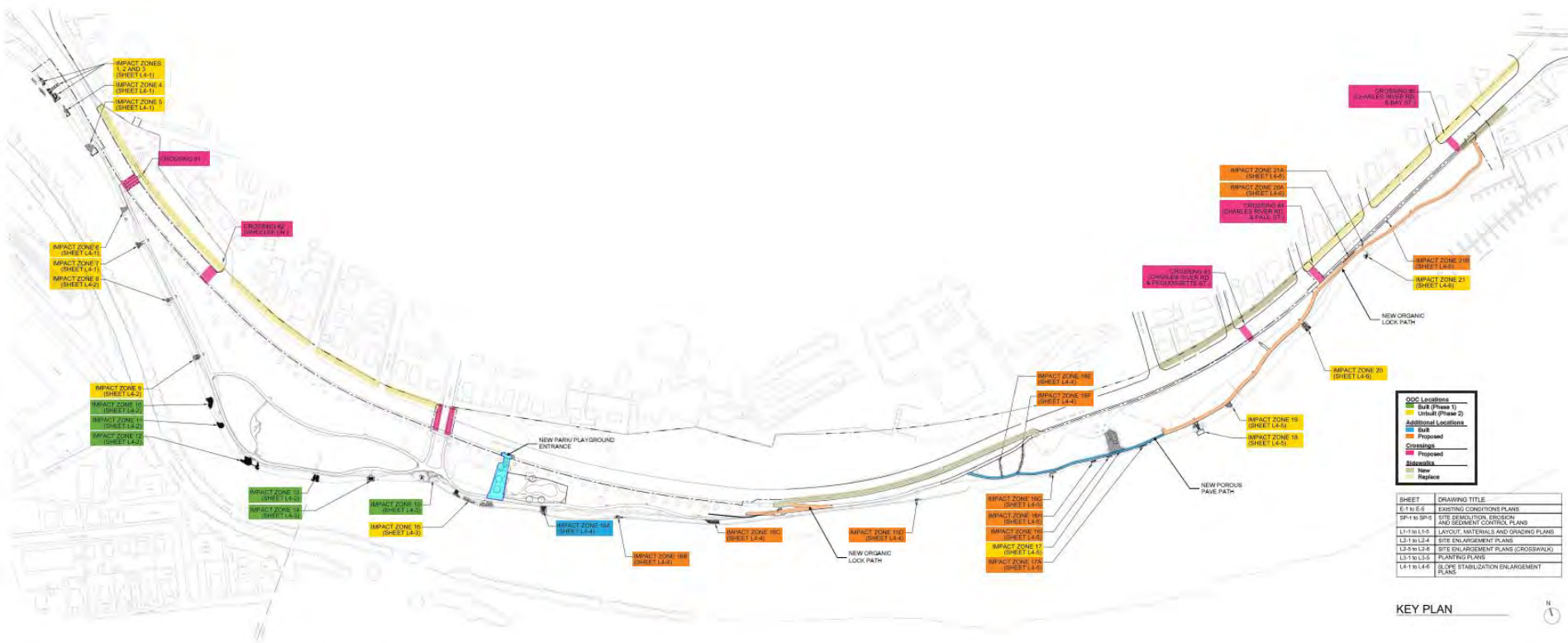
- Built
■ Proposed

Crossings

- Proposed

Sidewalks

- New
- Replace

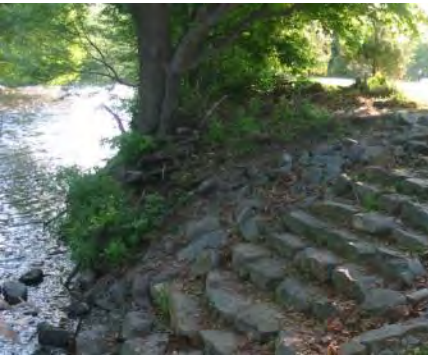


WATERTOWN RIVERFRONT PARK: PHASE 2 LOCUS PLAN

Not to scale

RIVERBANK STABILIZATION SOLUTIONS

- Based on upstream conditions - bank slope, pathway proximity, vegetated cover & desired access.



Granite Steps



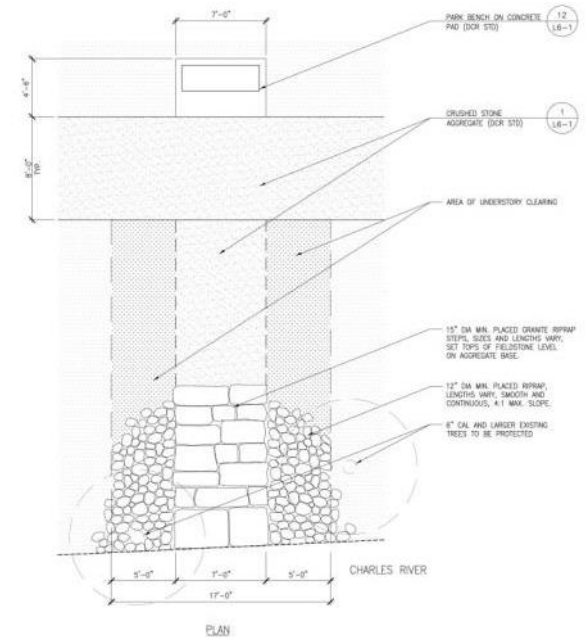
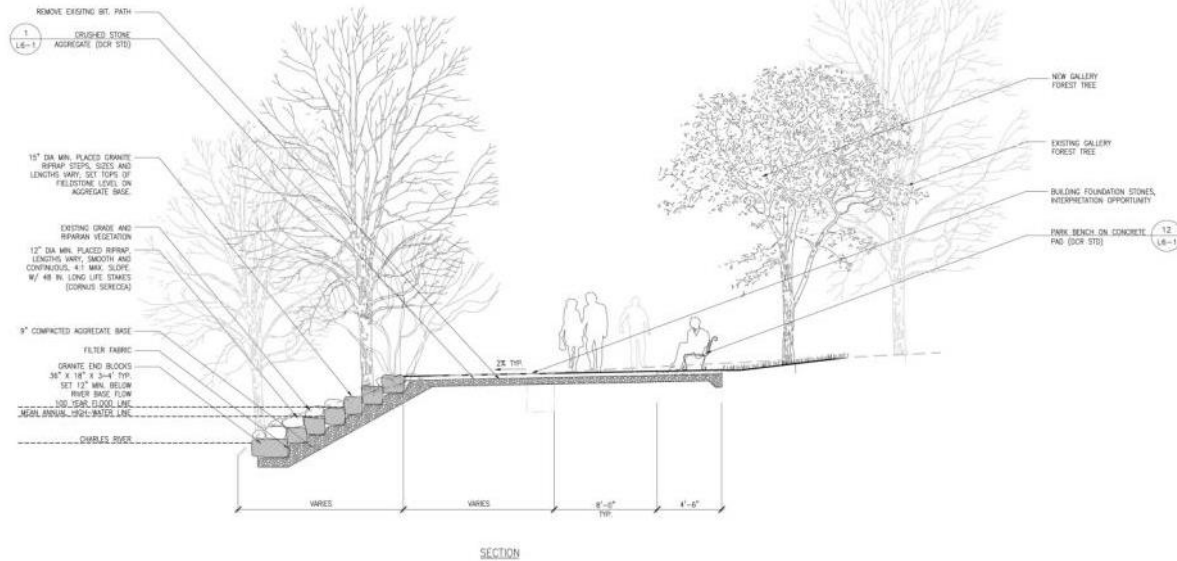
Fishing Stones



Overlook Decks



Vegetated slope stabilization



Phase 2-Erosion & Path Repair



Pathway Improvements – Environmentally Friendly Materials



Organic-LoK Surfacing



Flexible Porous Surfacing

Riverbank Stabilization Examples



Steep Slope Restoration Example



Restoration Planting Approach

- Diversify native plant community
- Increase wildlife habitat value
- Enhance topsoil layer



Perkins Hill – Existing Condition

Charles River Road – Location of New Sidewalk Segment



Construction Schedule

- Install erosion control and staging area (completed in November, 2021).
- Restore twenty erosion control problem areas along the Charles River (underway).
- Plant live stakes in erosion restoration areas (January-March, 2022).
- Tree removal and pruning (December, 2021).
- Begin demolition/removal of path along Charles River behind Perkins Hill (winter, 2022 if weather permits).

SPRING-FALL, 2022:

- Narrow Charles River Road to install new sidewalk to WYC.
- New sidewalks and ramps on residential side of Charles River Road.
- New ADA access to playground.
- Install five new pedestrian crossings with ramps.
- Construct new porous pave path between Charles River and Perkins Hill.
- Restore steep asphalt path near Perkins Hill
- Plant native landscaping, meadow mix, and grass mix.
- Finish riverbank access areas (steps, stone, etc.).

PROJECTED PROJECT COMPLETION: Fall, 2022

Questions/Comments