

# CHARLES RIVER ESPLANADE SPRAY DECK



**Saturday, February 7, 2015 - 10:30 a.m. – 12:00 p.m.  
Hill House Fire House, 127 Mt. Vernon Street, Boston**



# Commonwealth of Massachusetts

Governor

**Charles D. Baker**

Lieutenant Governor

**Karyn E. Polito**

Energy and Environmental Secretary

**Matthew A. Beaton**

Department of Conservation and Recreation Commissioner

**John P. Murray**



## DCR Mission Statement

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

## Purpose of Meeting

- To present proposed Phase 1 Project components and obtain public input on recommended spray deck and playground surfacing and select features.



# Circa 1960s Site



# Proposed Primary Project Components

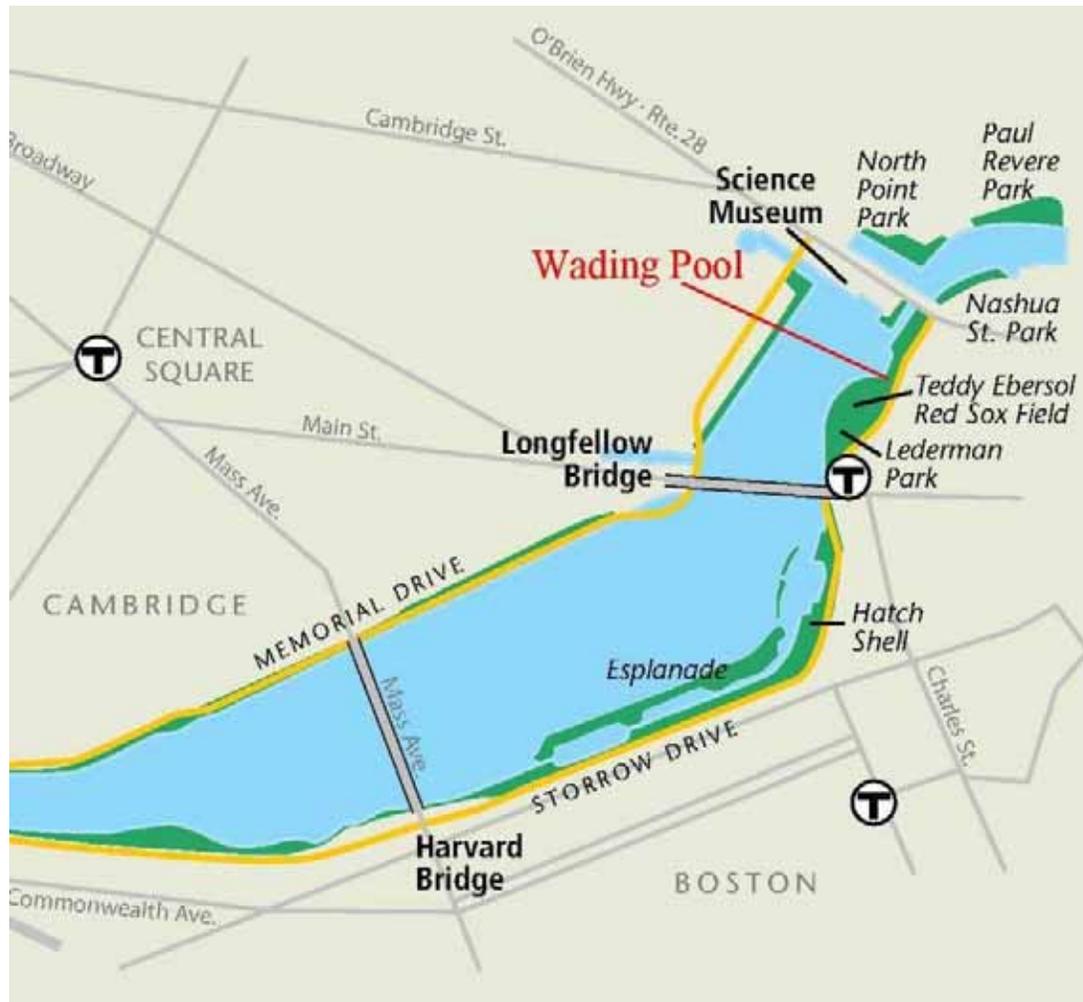
- Phase 1
  - New Spray Deck
  - New Child Friendly Rubberized Surface on Spray Deck and Playground
  - Removal of Some Fencing and Replacement of Chain link Fencing with Matching Wrought Iron
  - Additional Picnic Tables, Benches in Area
  - Bubbler/Dog Bowl/Bottle Fill Station
  - Misting Station
- Phase 2
  - Public Bathrooms
  - Landscaping
  - Circulation
  - Lighting



# Primary Phase 1 Components



# Location of the Charles River Reservation



# DCR Investments on the Charles River Esplanade

- Reopening of Dartmouth St. Comfort Station - \$200,000
- Charles Eliot Memorial Improvement Project - \$455,000
- Blossom Street Pedestrian Bridge - \$139,913
- Hatch Shell Oval Turf Restoration - \$600,000
- Dock improvements - \$4,440,000 (total)
  - Community Boating Docks, Boat Haven Docks & River Dock

Total investments/improvements = \$5,834,913

Proposed spray deck continues the area improvements

# Public/Private Partnership for New Spray Deck

- Engineering Design and Construction through DCR and The Bill and Joan Alfond Foundation
- DCR Management of Design/Build using Established State Procedures

# Design Team

Kevin McHugh, P.E.



Coneco Engineers & Scientists, Inc.

Full service engineering and environmental consulting firm. Services include survey, permitting and alternative energy.



Artesani Spray Deck



Moynihan Spray Deck

# Existing Conditions

- Aged Wading Pool – 1951 Construction
- Accessibility Issues
- Used only by a limited age group
- Pool Closings currently occur in hot weather due to sanitary and safety issues
- Aging Infrastructure Requiring Repair/Replacement



## Spray Deck Project Goals

- Longer Operating Hours and Season
- Interactive Play Experience
- Accessibility (i.e., ADA Compliance)
- Use by Wider Age Range
- Greater Efficiency of Operations through Manual Activation
- Operational Flexibility
- Reduced Closures



# Overall Components

- Ground Spray Features to Retain the View
- Child Friendly Soft Rubber Surface
- User Activator
- Control Panel Onsite
- Combination Water Bubbler/  
Dog Bowl/Bottle Fill Station
- Separate Misting Station for Runners/Bikers



# Spray Decks in the Boston Area



Kennedy Greenway - Boston



North Point - Cambridge

# Proposed Feature Types and Configuration

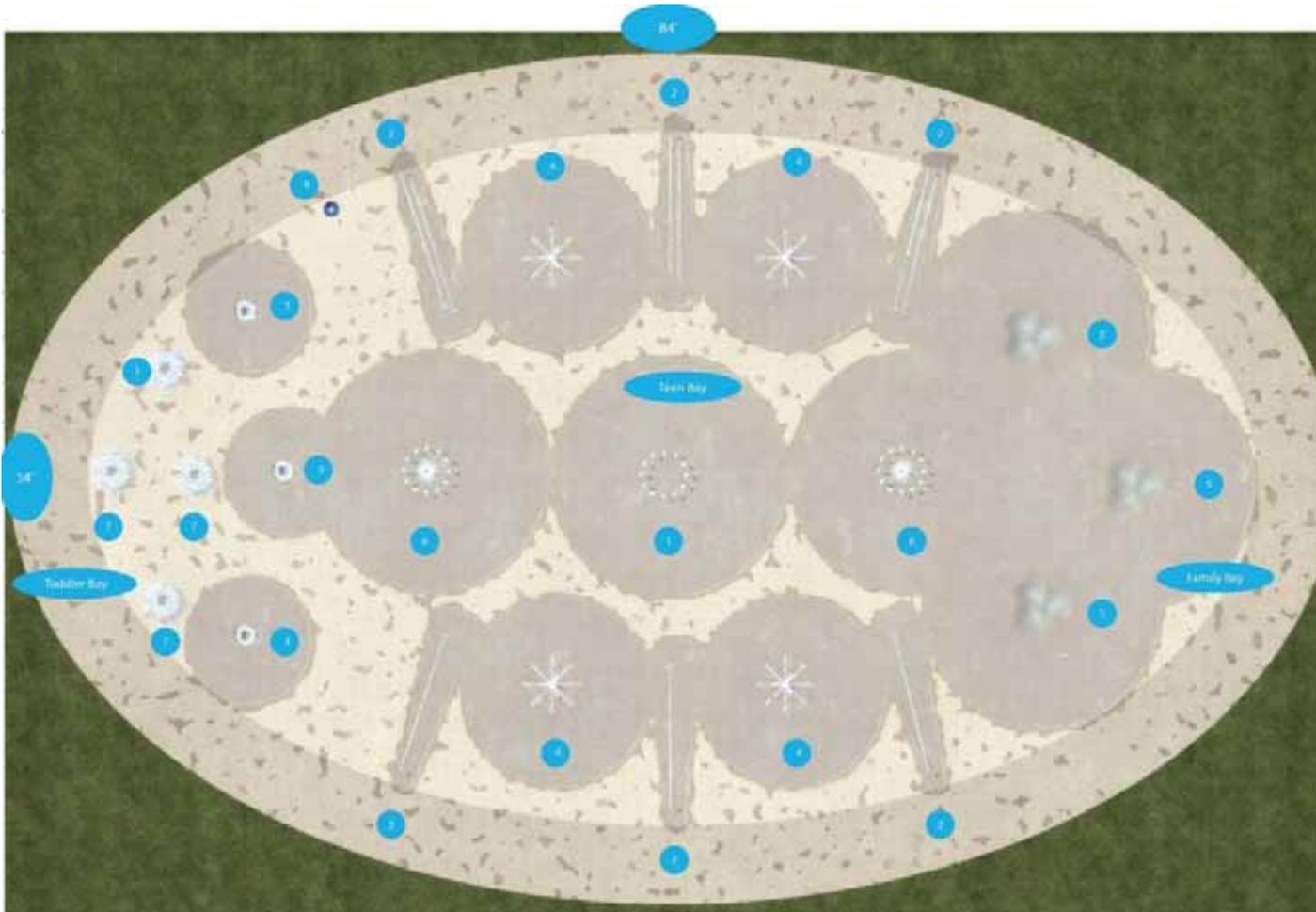
- Ground features will not deter from existing views
- Features arranged to accommodate various users and age groups



# Proposed Feature Layout

- 23 Ground Features arranged to accommodate toddlers and older children

DOES NOT PRESENT PROPOSED DECK COLOR



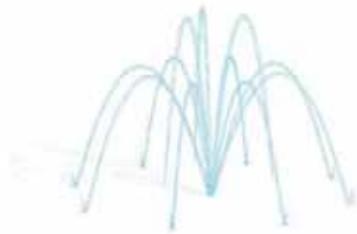
TOTAL AREA: 3575 ft<sup>2</sup>  
 SPRAY AREA: 2555 ft<sup>2</sup>

#	DESCRIPTION	QTY
1	cylinder spray VOR 307	1
2	d'irectional water jet VOR 305	6
3	foaming geyser No2 VOR 8084	3
4	fountain spray VOR 7513	4
5	magic mist No2 VOR 8099	3
6	team spray No2 VOR 8061	2
7	water jelly No1 VOR 7010	4
8	billard activator No3 VOR 611	1

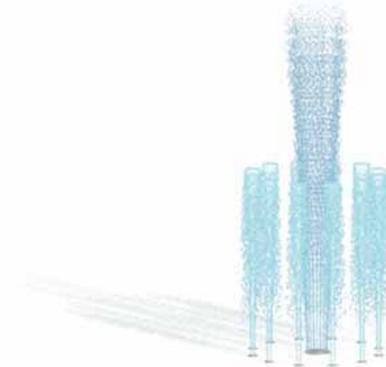
# Proposed Feature Types/Options



CYLINDER SPRAY (QTY. 1)



FOUNTAIN SPRAY (QTY. 4)



TEAM SPRAY (QTY. 2)



DIRECTIONAL WATER JET (QTY. 6)

# Proposed Feature Types/Options



WATER JELLY (QTY. 4)



MAGIC MIST (QTY. 3)



FOAMING GEYSER (QTY. 3)

# Proposed Feature Layout – View 1



# Proposed Feature Layout – View 2



# Proposed Feature Layout – View 3



# Boston Area Spray Decks

## Spray Deck Surface Examples



Neponset Landing II - Dorchester



North Point Park – Cambridge

# Playground Surface Examples



Esplanade Playspace - Boston



# Esplanade Playspace



# Esplanade Spray Deck Surface Color Options

Examples of potential soft surface color mixtures  
(for discussion purposes only)



Blue



Brown



Eggshell



Gold



Green



Light Blue



Light Green



Orange



Purple



Tan



Teal



Terra Cotta



Black

## Potential for Contrasting Colors (Wet area vs Dry)



Green & Beige



Beige & Blue



Dark Brown & Beige

# Esplanade Spray Deck

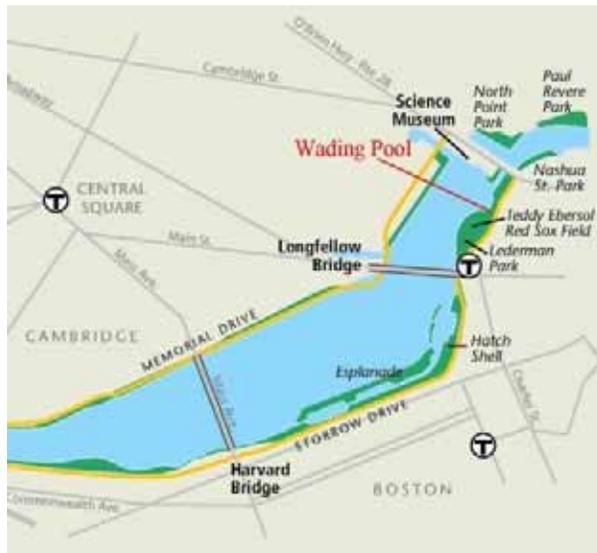
Inlays Considered



Charles River Esplanade Map as Inlay

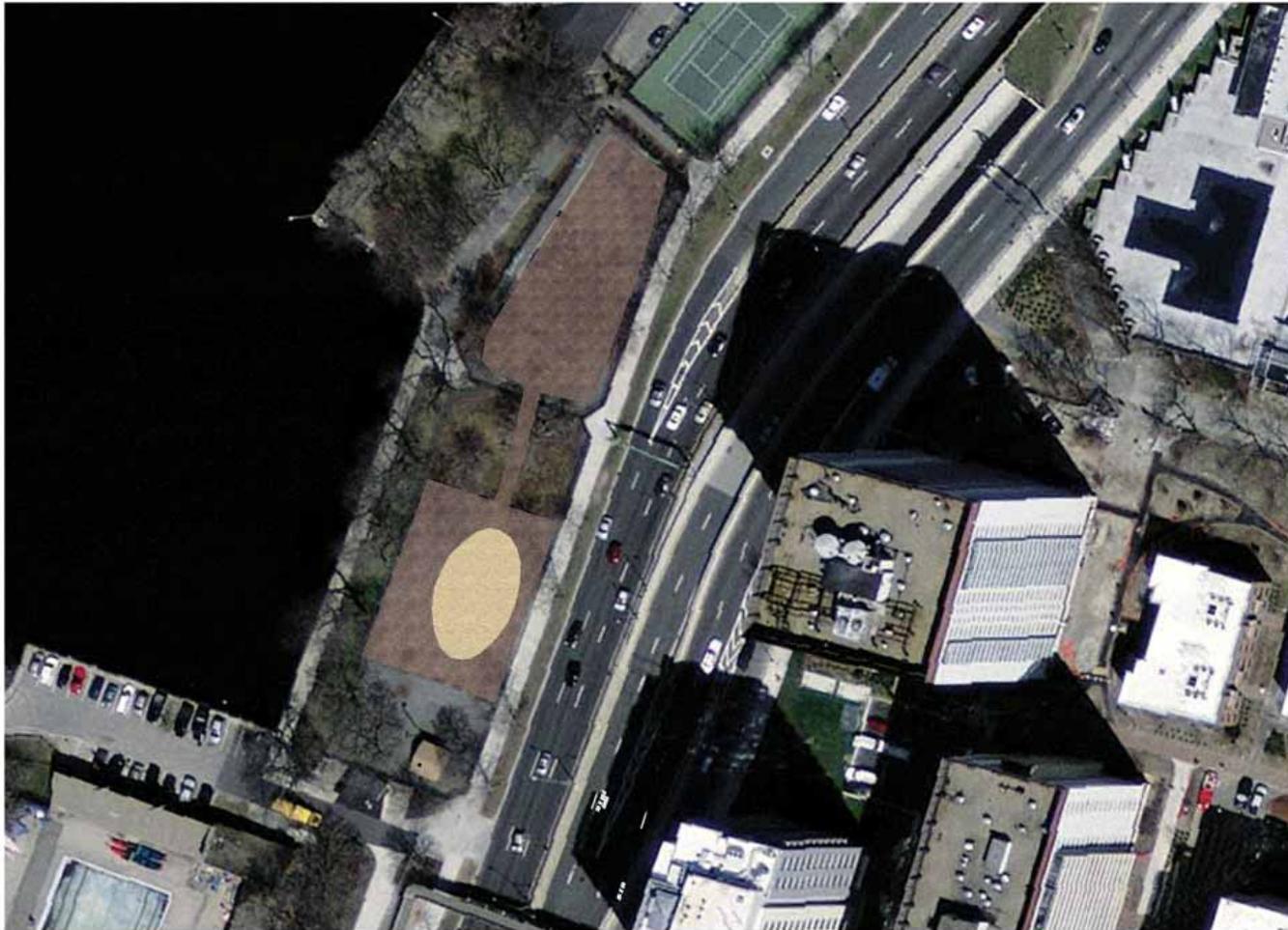


Esplanade Playspace Surface Mix



Proposed Similar to Playspace

# Spray Deck and Playground Soft Surface



# Existing Perimeter and Access



# Proposed Modified Perimeter and Access – Open to Playground



# Proposed Bubbler/Dog Bowl/Bottle Fill and Misting Station



# Construction Impacts

- Minimizing Impacts

- Majority of Work Within the Existing Footprint of Wading Pool and Playground (7:00 am-3:00pm)
- Wading Pool Area and Playground Closed during Construction for Safety
- No Tree Removal or Damage
- Adjacent Parking used by Contractor Until 3:00 pm Weekdays
- Controlled Construction Storage in Parking Area to Reduce Impact on Youth Sports at Adjacent Fields



# Public Benefits

- Longer Operating Hours and Season
- Interactive Play Experience
- Accessibility (i.e., ADA Compliance)
- Use by Wider Age Range
- Greater Efficiency of Operations through Manual Activation and Timers
- Operational Flexibility
- Reduced Closures



## Project – Status/Next Steps

- Finalize Design Winter 2015
- Bidding - February 2015
- Construction Start – April 2015
- Construction Complete – June 2015
- Opening July 1, 2015

# Q&A/Discussion

- Surface Color(s)
  - Spray Deck
  - Playground
- Ground Spray Features
- Other Questions/Comments



## Additional Information

For more information:

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

If you have comments:

Email: [dcr.updates@state.ma.us](mailto:dcr.updates@state.ma.us), noting “Esplanade Spray Deck” in the **subject line**

Call: **617-626-4974**

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

Note: Public comments submitted to DCR by email or letter may be posted on the DCR website in their entirety, and no content, including personal information, will be redacted.

If you have questions or concerns or would like to be added to an email list to receive DCR general announcements:

Email: [MassParks@state.ma.us](mailto:MassParks@state.ma.us)

Call: **617-626-4973**