dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division

Charlesgate Greenway

DCR and MASSDOT Public Meeting

Tuesday, October 18, 2016– 6:30pm – 8:00 pm
Wheelock College Campus Center Multipurpose Room
150 The Riverway, First Floor, Room 103

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

Leo P. Roy

dcr
Massachusetts

DCR Mission Statement

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

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division

Tonight's Meeting – Purpose

- Review project and participants to date
- Acknowledge participants
- Update community re:
  - Current design progress
  - Next steps
- Receive community input
- Respond to questions

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division

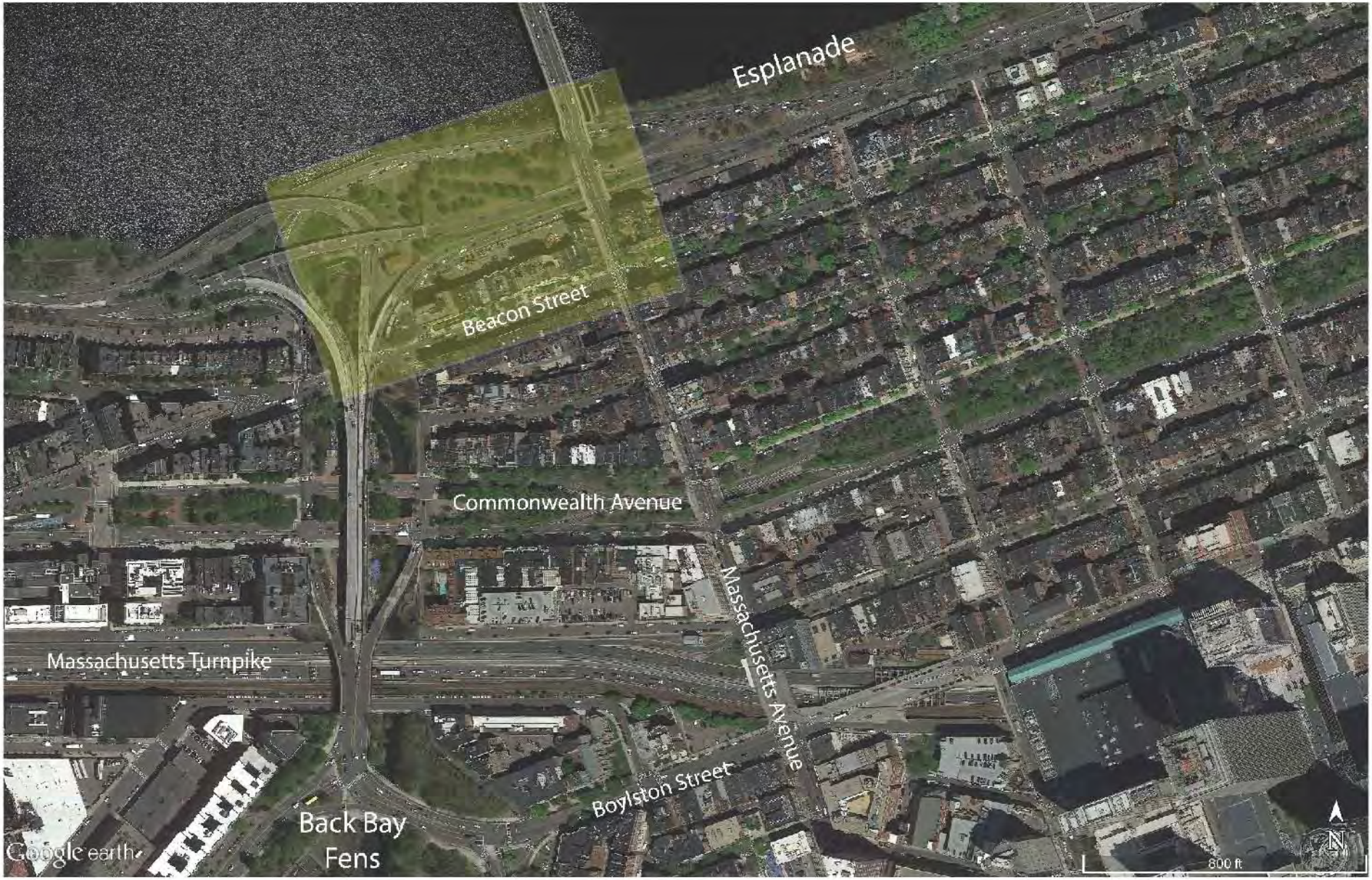
Partnership between DCR and MASSDOT

DCR managing design and construction phases

MASSDOT providing design and construction funds totaling $1.3 Million

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division



Project Objectives

- Take first step towards providing safe multiuse path connection between Esplanade and Emerald Necklace.
- Gain back 'lost' open space.
- Celebrate the 'moment' overlooking the Charles River.

Project History

- Years of prior studies
- DCR 2002 Masterplan for Charles River Basin
- 2012 Solomon Foundation sponsored study
- 2014 Charles River Basin Connectivity Study Masterplan – key site
- MASSDOT committed funds
- 2015-16 current design process including stakeholder meetings

Project Team

- Halvorson – Landscape Architect
- VHB – Permitting / Traffic Engineer
- Alta – Transportation Consultant
- LeMessurier – Structural Engineer
- Lumen – Lighting Designer
- Mitch Ryerson (provided by Solomon Foundation)

CHARLESGATE GREENWAY

VIEW OF EXISTING PROJECT AREA

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

PROPOSED PROJECT AREA

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY PHASE 1 OBJECTIVE - CONNECT THE ESPLANADE TO BEACON STREET / CHARLESGATE October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

EXISTING VIEW FROM BEACON STREET

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

EXISTING VIEW - BOWKER OVERPASS RAMPS

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

EXISTING VIEW - MASS AVE BRIDGE

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

EXISTING VIEW - MASS AVE BRIDGE LOOKING SOUTH

October 18, 2016

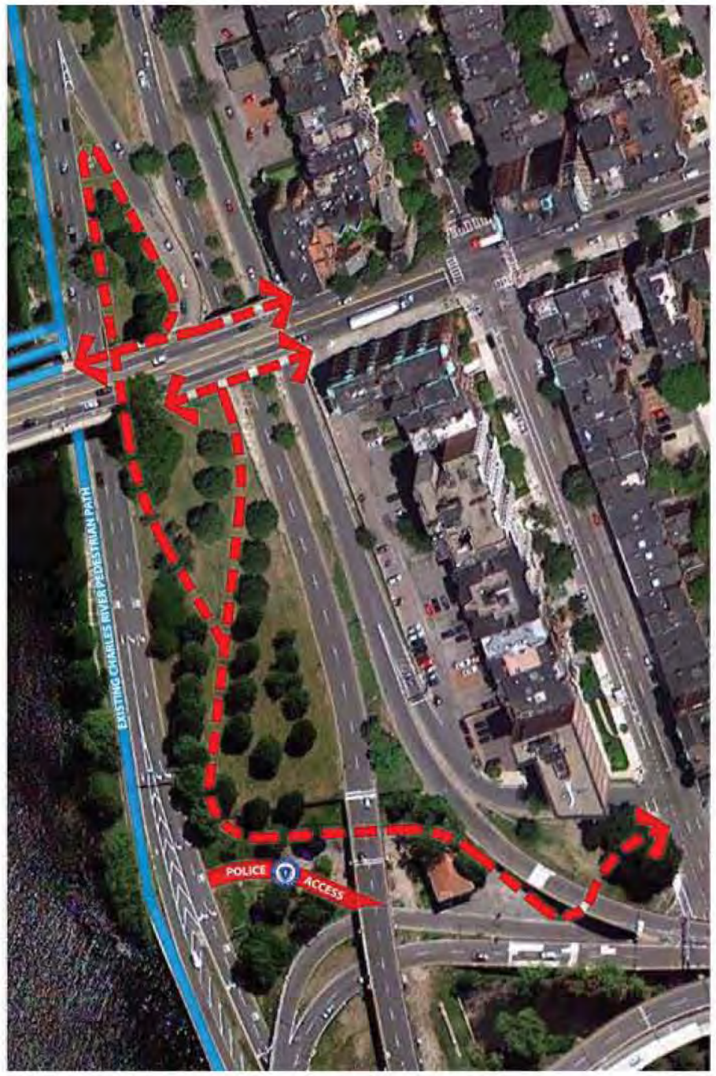
CHARLESGATE GREENWAY PHASE 1 OBJECTIVE - CONNECT THE ESPLANADE TO BEACON STREET / CHARLESGATE October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering



CONCEPT 1: UNDER MASS. AVE.

PROS:

- No roadway crossings to access Esplanade
- Adds 'eyes' to Mass Ave underpass
- Incorporates another 'lost' park parcel

CONS:

- Percieved lack of safety at the Mass Ave. underpass
- Creates hairpin downhill turn and requires retaining structures east of Mass Ave
- Locates path close to Storrow Drive in a noisy environment
- Creates "roller coaster" effect

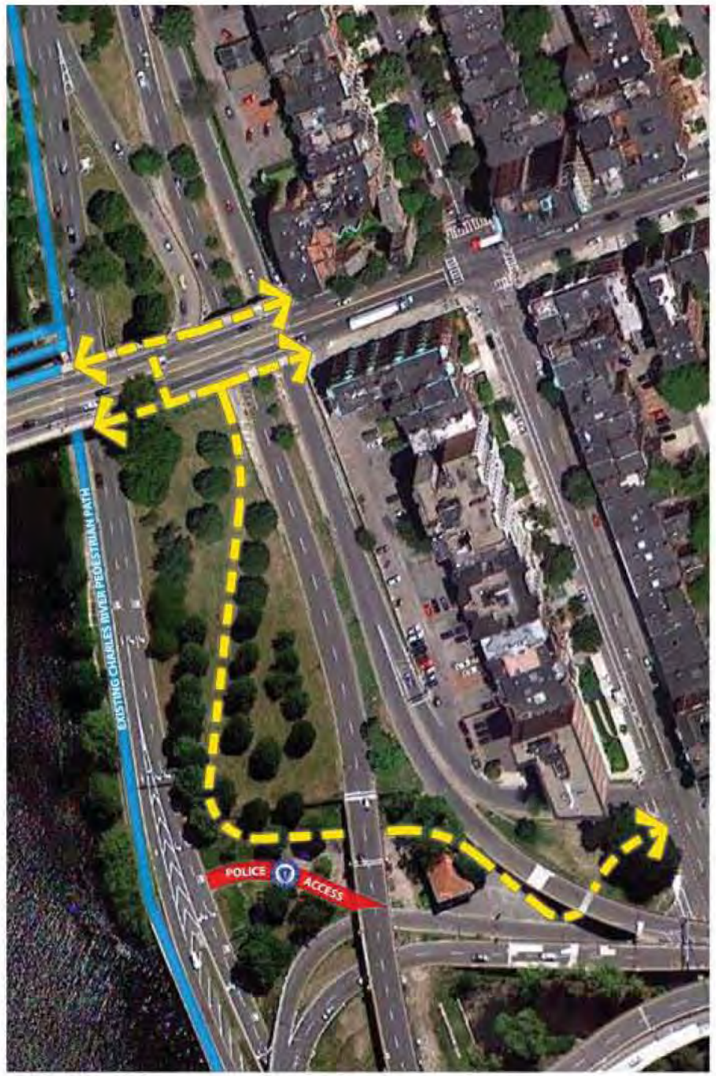
CONCEPT 2: STRAIGHT ACROSS MASS. AVE.

PROS:

- Engages all users with large open parcel
- Directs all users to high ground apart from noisy traffic and with scenic views
- Reduces number of underpass crossings

CONS:

- Requires users cross two roads to access Esplanade
- Encourages 'reckless' crossing of Mass Ave
- Limited space for queuing on Storrow overpoass
- Requires two costly traffic crossings



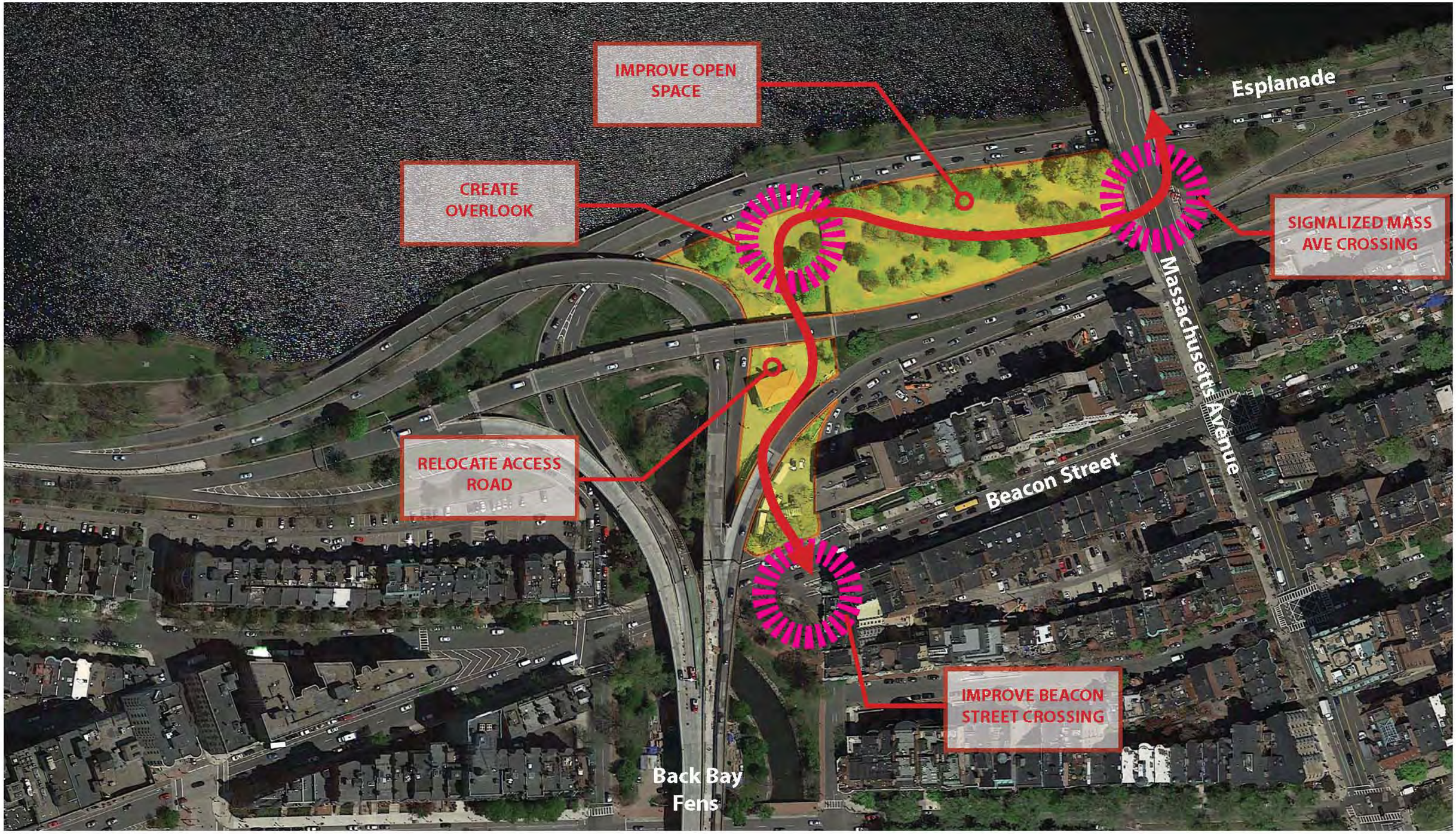
CONCEPT 3: OFFSET ACROSS MASS. AVE.

PROS:

- Simple and Direct
- Engages all users with large open parcel
- Elevates path above noisy Storrow Drive traffic.
- Forces path users to pause before crossing Mass Ave

CONS:

- Requires users to cross Mass Ave to access Esplanade
- Requires costly traffic crossing



CHARLESGATE GREENWAY

PLAN DIAGRAM

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

REFINED SITEPLAN

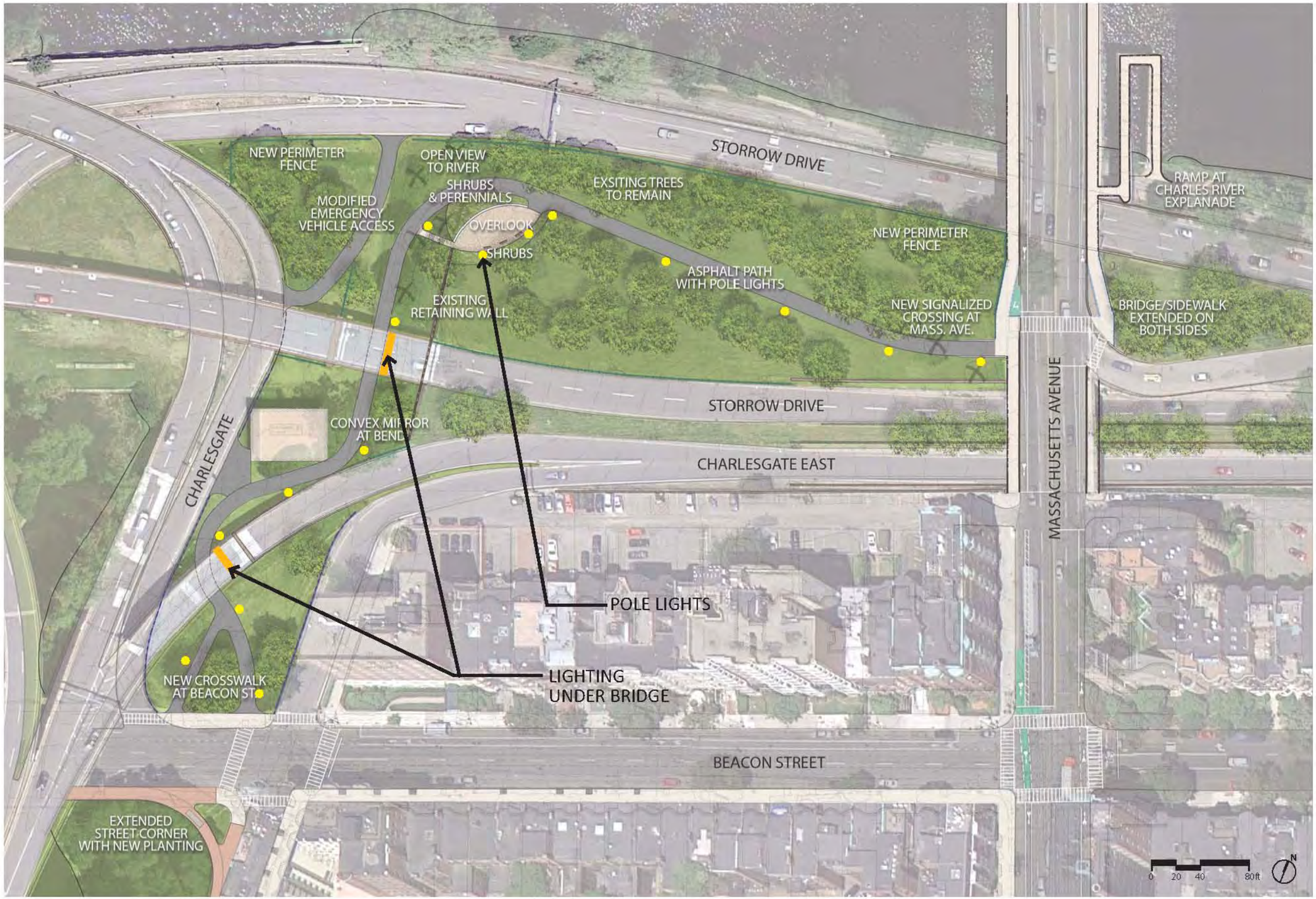
October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering



CHARLESGATE GREENWAY

CONCEPTUAL LIGHTING PLAN

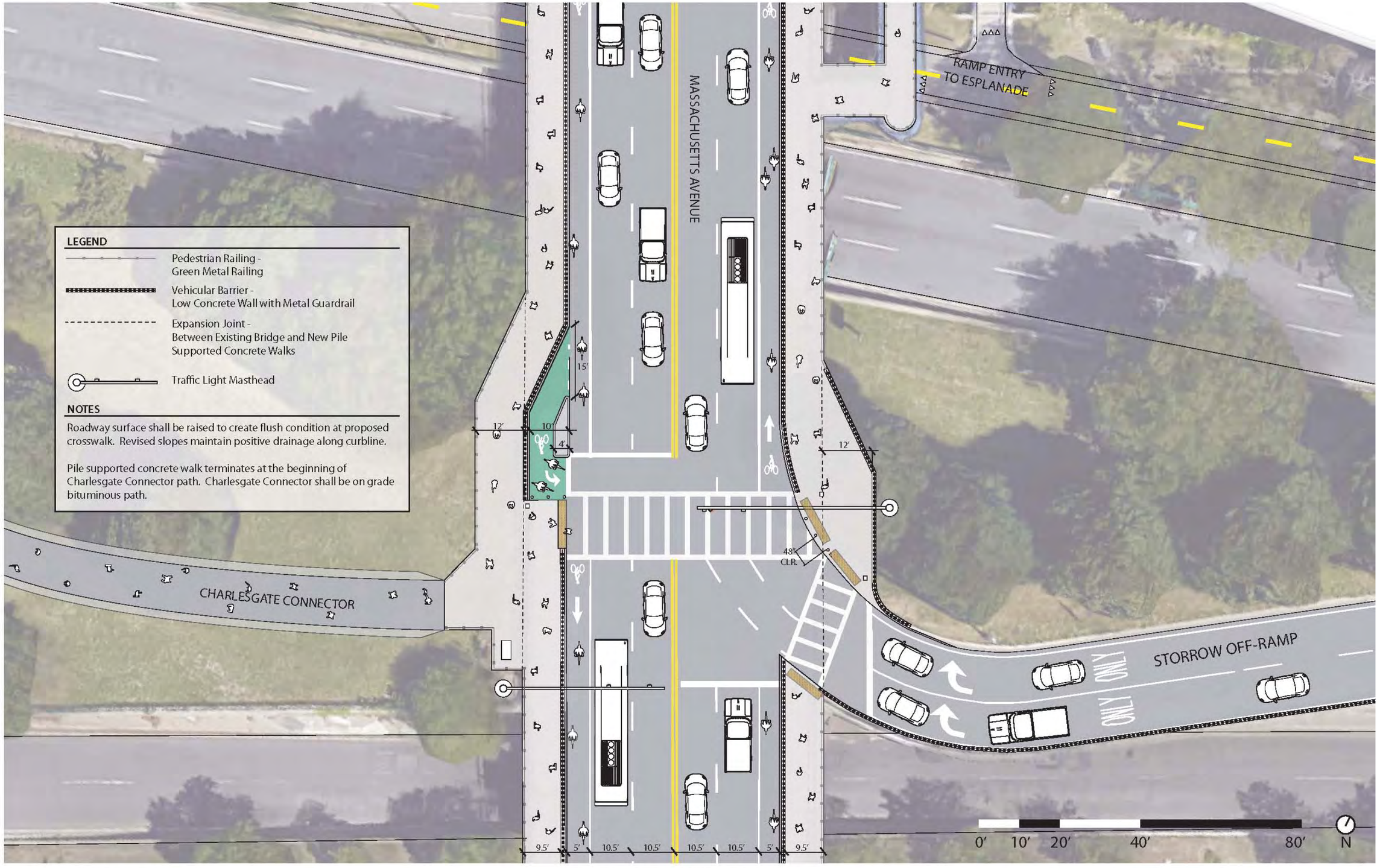
October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering



CHARLESGATE GREENWAY

MASS AVE BRIDGE - PROPOSED CROSSING PLAN

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

LEGEND

- Pedestrian Railing - Green Metal Railing
- Vehicular Barrier - Low Concrete Wall with Metal Guardrail
- Expansion Joint - Between Existing Bridge and New Pile Supported Concrete Walks
- Traffic Light Masthead

NOTES

Roadway surface shall be raised to create flush condition at proposed crosswalk. Revised slopes maintain positive drainage along curbline.

Pile supported concrete walk terminates at the beginning of Charlesgate Connector path. Charlesgate Connector shall be on grade bituminous path.

MASSACHUSETTS AVENUE

RAMP ENTRY TO ESPLANADE

CHARLESGATE CONNECTOR

STORROW OFF-RAMP

ONLY

ONLY

15'

12'

10'

4'

12'

48' CLR.

9.5' 5' 10.5' 10.5' 10.5' 10.5' 5' 9.5'

0' 10' 20' 40' 80' N

CHARLESGATE GREENWAY

MASS AVE BRIDGE - PROPOSED PEDESTRIAN CIRCULATION

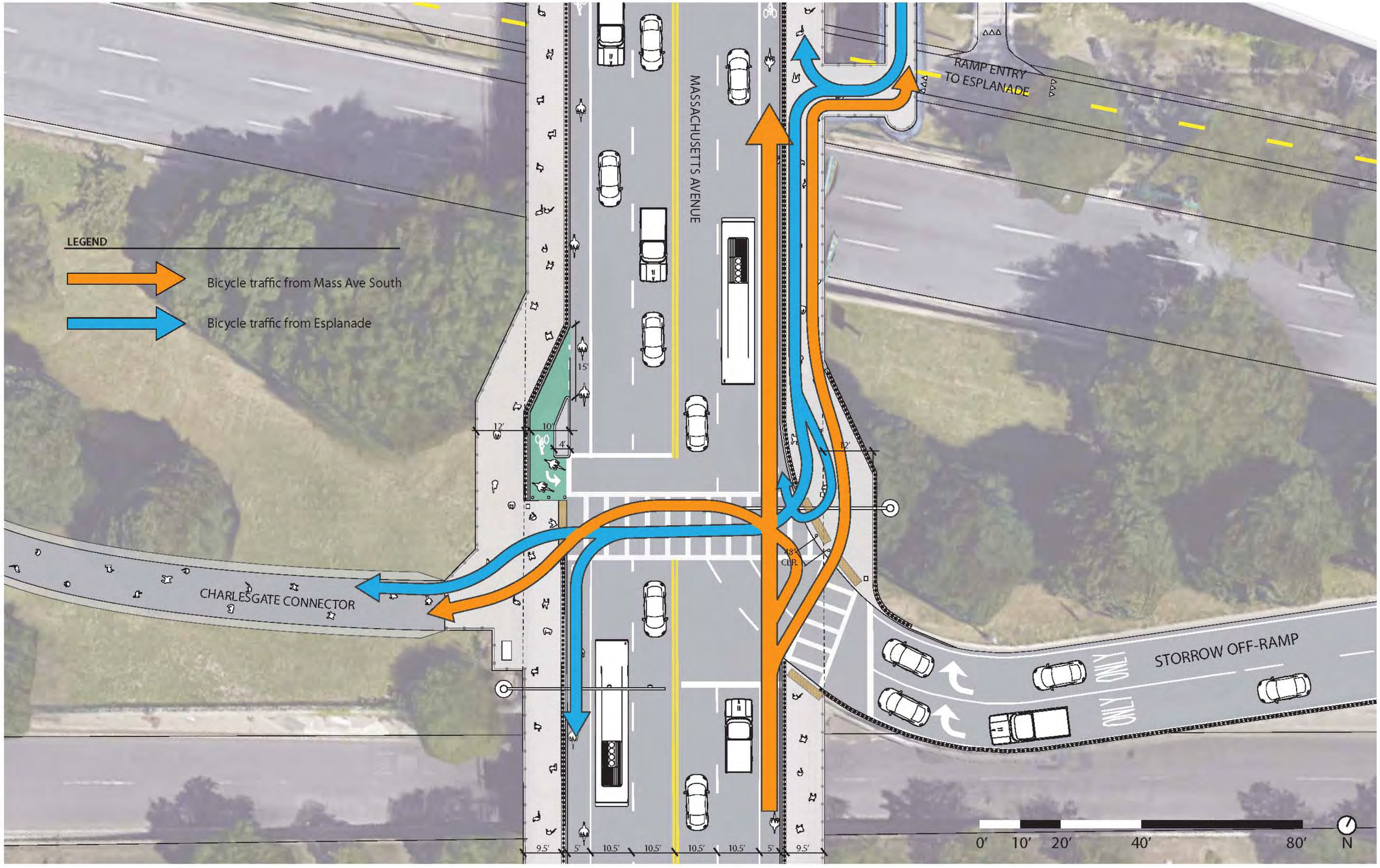
October 18, 2016

dcr Massachusetts | department of Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

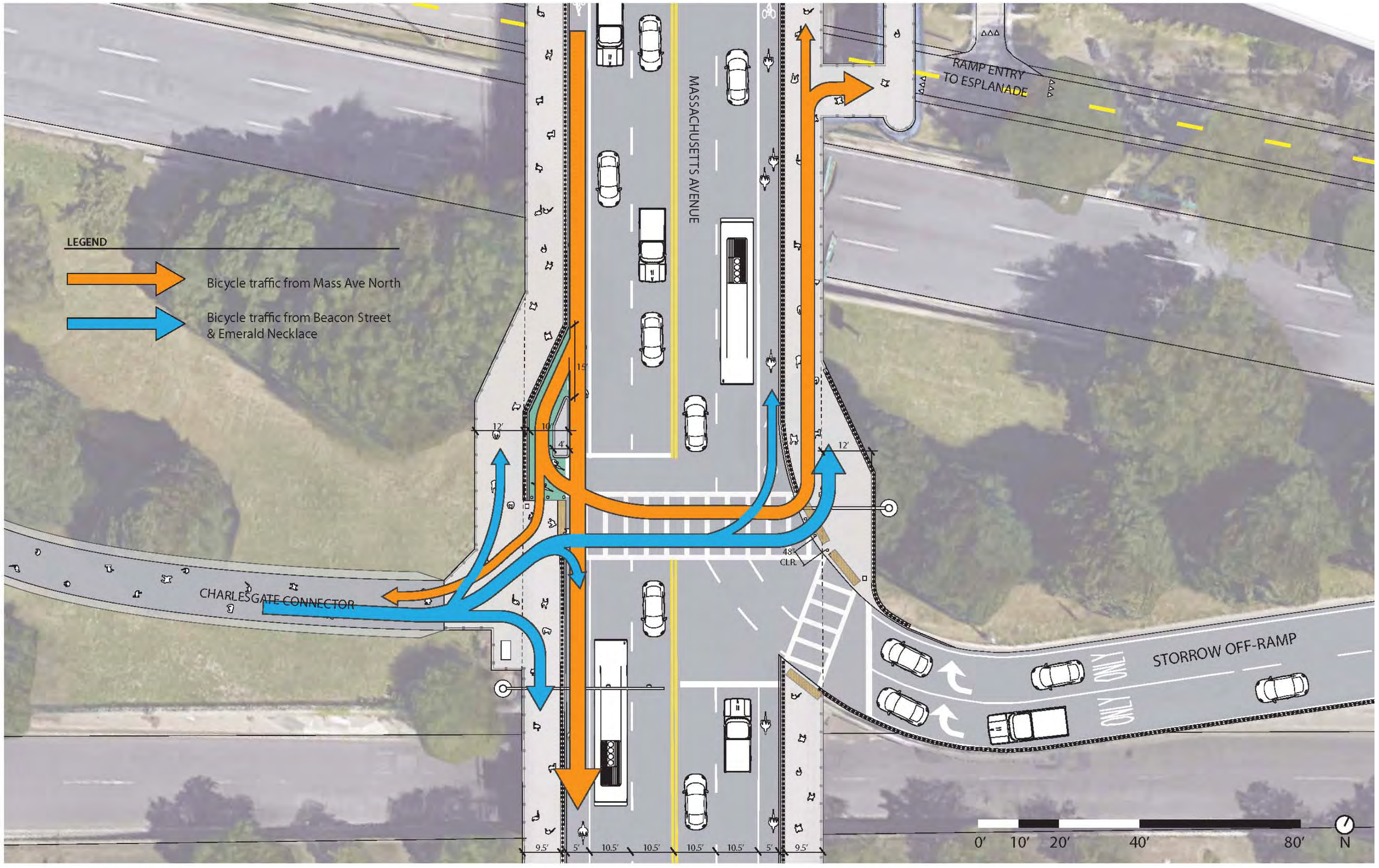
VHB Alta Engineering



CHARLESGATE GREENWAY

MASS AVE BRIDGE - PROPOSED NORTHBOUND BICYCLE CIRCULATION

October 18, 2016



CHARLESGATE GREENWAY

MASS AVE BRIDGE - PROPOSED SOUTHBOUND BICYCLE CIRCULATION

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

CHARLESGATE GREENWAY

PROPOSED PROJECT AREA

October 18, 2016

dcr Massachusetts | *department of* Conservation and Recreation

massDOT Massachusetts Department of Transportation Highway Division

HALVORSON DESIGN PARTNERSHIP

VHB Alta Engineering

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division

Next Steps

- Incorporate tonight's comments
- Refine design/documents – Fall 2016
- Initiate permitting process – Fall 2016
- Public Meeting #2 review 90% design documents- Winter 2017
- Finalize documents/bid project-Winter 2017
- Construction pending full funding – Spring 2017-Spring 2018
- Current construction estimate - $1.9 Million

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division

Questions/Comments

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

massDOT Massachusetts Department of Transportation Highway Division

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:
http://www.mass.gov/eea/agencies/dcr/public-outreach/submit-public-comments/
Write: Department of Conservation and Recreation
Office of Public Outreach
251 Causeway Street, Suite 600
Boston, MA 02114
Deadline: Monday, November 7th, 2016
Note: Public comments submitted to DCR may be posted on the DCR website in their entirety.

If you have questions or concerns or 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.