



MASSACHUSETTS DEPARTMENT OF  
CONSERVATION AND RECREATION

# MORRISSEY BOULEVARD REDESIGN FOR RECONSTRUCTION



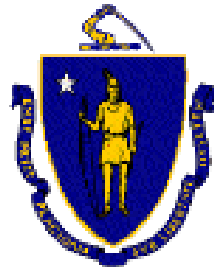
## DCR Public Meeting – #2

Tuesday, September 27, 2016

6:30 PM – 8:30 PM

Leahy Holloran Community Center (Murphy School)

One Worrell Street, Dorchester, MA



# 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 Roy**



## **DCR Mission Statement**

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

# Tonight's Meeting - Purpose

- Focus on “Functional Design Concept”
  - Vehicle / Pedestrian / Bicycle Facilities
  - Intersection Layouts and Operations
  - Enhanced Neighborhood Connections
- Review Project Development
  - North Area – Mt. Vernon to Pattens Cove Bridge
  - Middle Area – Pattens Cove to I-93
  - South Area – I-93 to Neponset Circle
- Obtain Public Input on Key Issues and Concerns



# Primary Project Goals

- ***Stormwater and flooding:*** Provide stormwater improvements and climate resiliency
- ***Transportation:*** Provide safe, convenient, and inviting pedestrian and bicycle accommodations, balanced with appropriate vehicular accommodations
- ***Landscape & Urban Design:*** Enhance parkway character and strengthen connections to recreational facilities, natural resource areas, and neighborhoods



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# Design Team



Overall Project Management, Direction and Guidance



Civil & Structural Engineering; Drainage & Coastal Design



Horsley Witten Group  
*Sustainable Environmental Solutions*

Stormwater & Flood Control Strategy; Green Infrastructure

CROSBY | SCHLESSINGER | SMALLRIDGE LLC

Landscape Architecture & Urban Design



Transportation Analysis & Design



Environmental Permitting

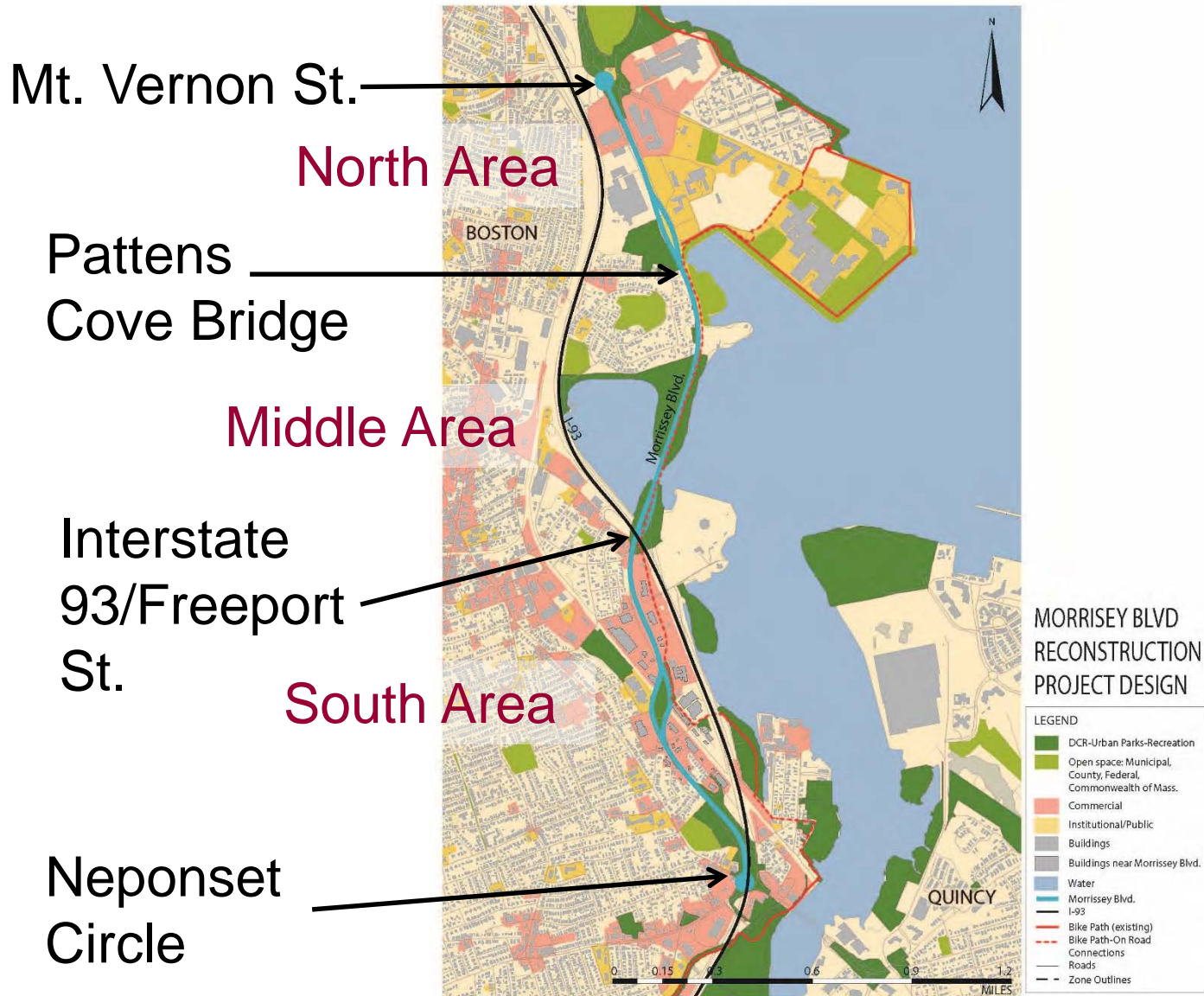


Geotechnical & Geoenvironmental



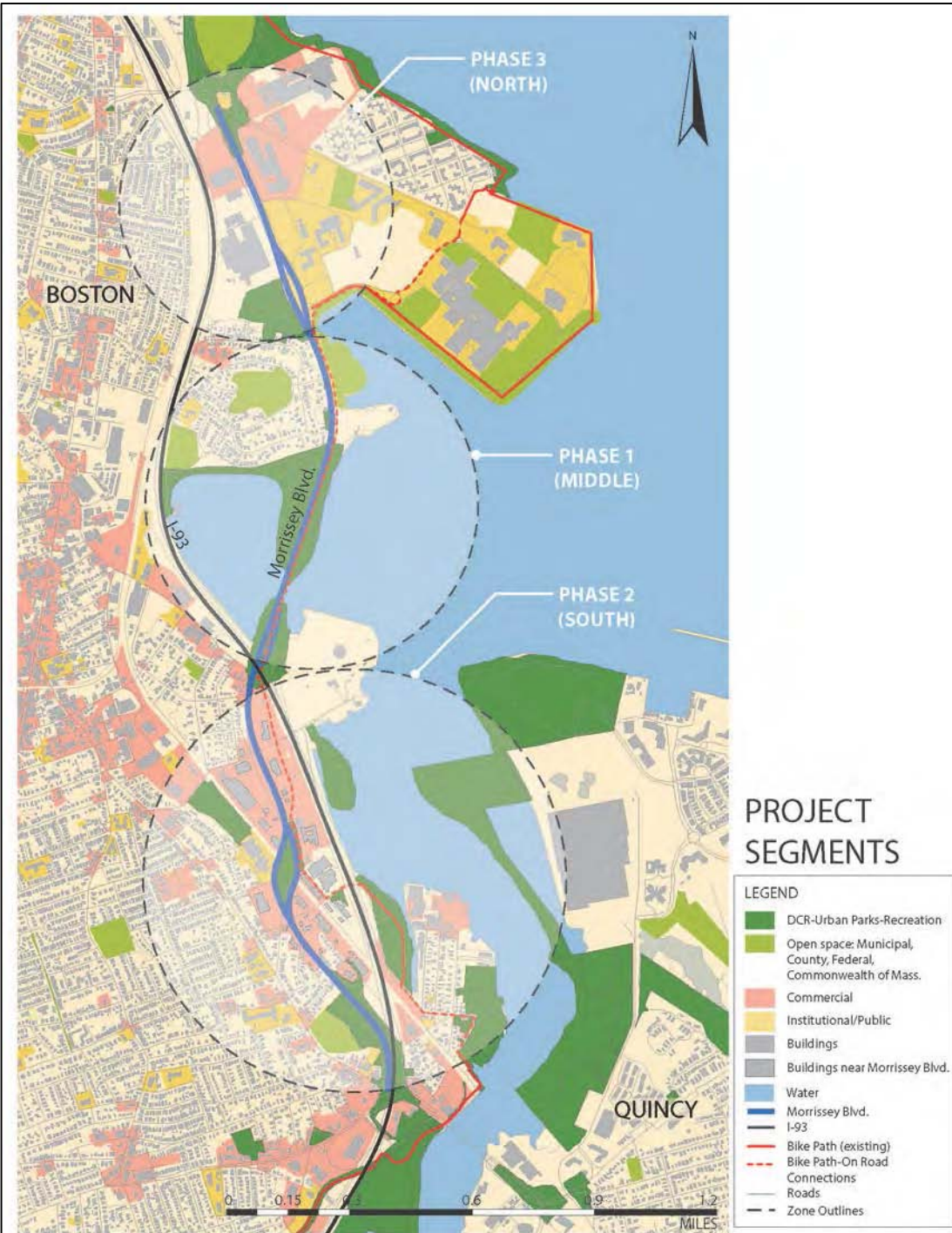
Survey & Right-of-Way

# Design Project Scope



# Potential Project Phasing

- Design is fully funded (\$3.2 million)
- “Middle” segment is most vulnerable due to flooding conditions and will be prioritized first for construction
- Construction of all segments subject to funding availability

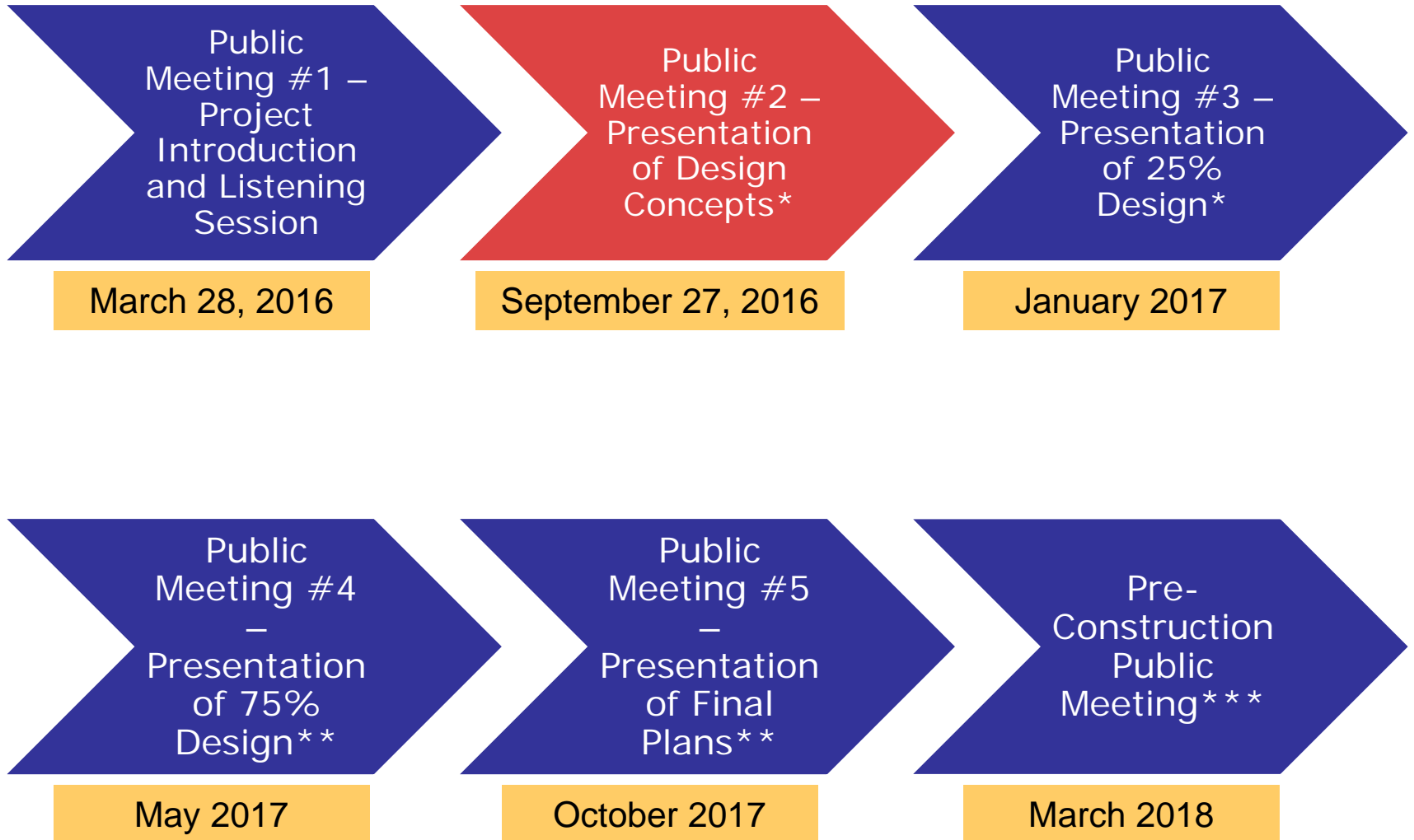






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# Design Project and Public Process Timeline



\* Entire Corridor Length

\*\* Phase 1 (Middle) if phased

\*\*\* Pending Funding

# What You Told Us....

- Corridor-Wide
  - Reduce traffic speeds
  - Connect neighborhoods to parks / shore
  - Provide dedicated bicycle and pedestrian facilities
  - Change character from highway to urban boulevard
  - Enhance aesthetics and landscaping
- Specific Locations
  - Intersection operations for all users
  - Driveway safety
  - Additional crosswalks; U-turns; left-turns
  - Enhance/take advantage of natural features (beaches, wetlands, open space)

# General Concept Features

- Reduced number of through lanes from 3 to 2
- Provides additional turning lanes at intersections
- Design and Posted Speed of 35 mph (versus 40 mph maximum today)
- Separate bicycle and pedestrian facilities where feasible
- Bicycles:
  - Sidewalk level paths
  - Combination of one-way paths (running with direction of roadway traffic) and two-way paths (in “recreational” areas)

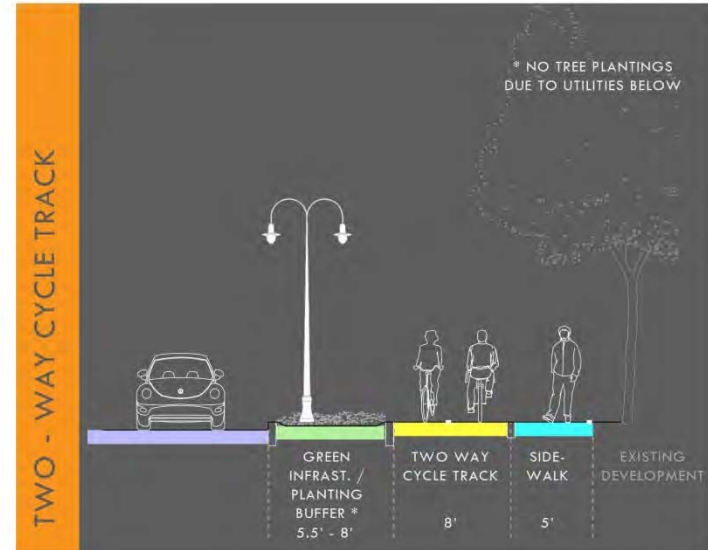
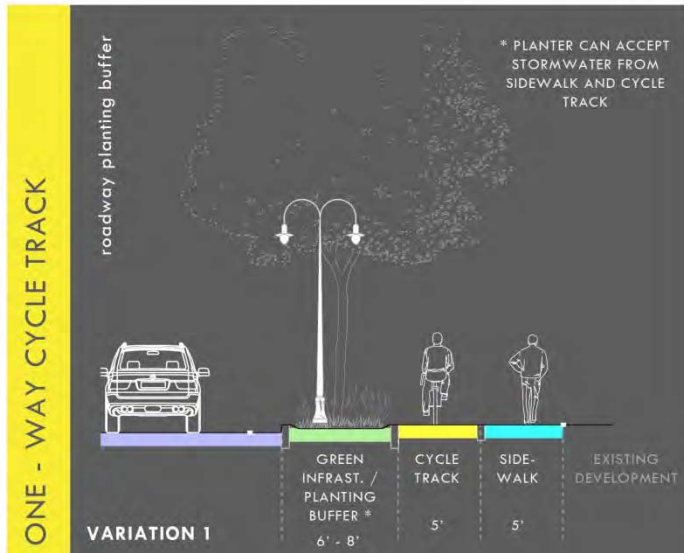
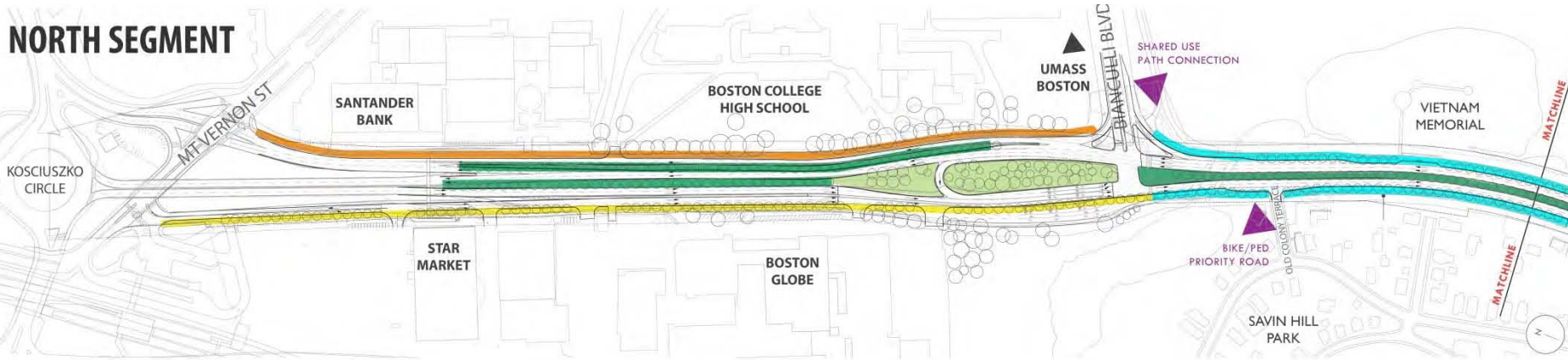


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# Proposed Bicycle & Pedestrian Facilities

- ONE-WAY CYCLE TRACK
- TWO-WAY CYCLE TRACK
- OCEAN PARKWAY  
(TWO-WAY CYCLE TRACK)
- NARROW PASS
- WIDENED MEDIAN  
WITH NEW TREE PLANTINGS
- EXISTING MATURE TREE  
PLANTINGS TO REMAIN

## NORTH SEGMENT







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# Proposed Bicycle & Pedestrian Facilities Sidewalk with One-Way Cycle Track (Adjacent)







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# Proposed Bicycle & Pedestrian Facilities

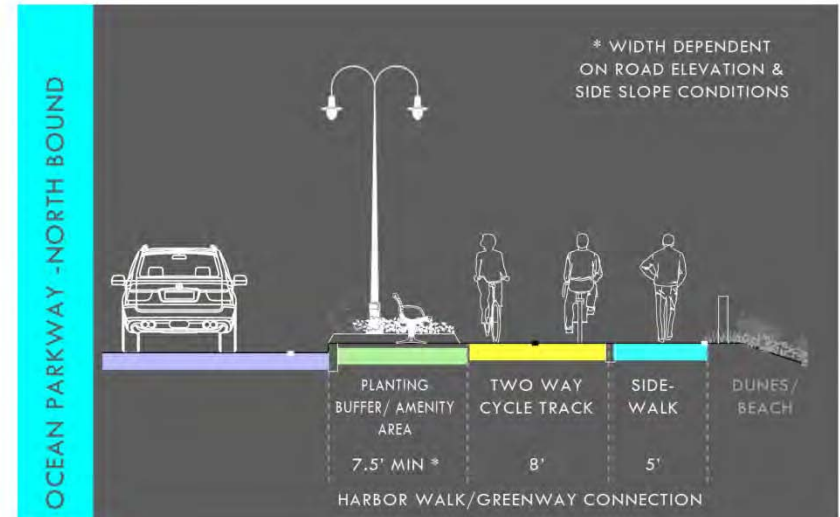
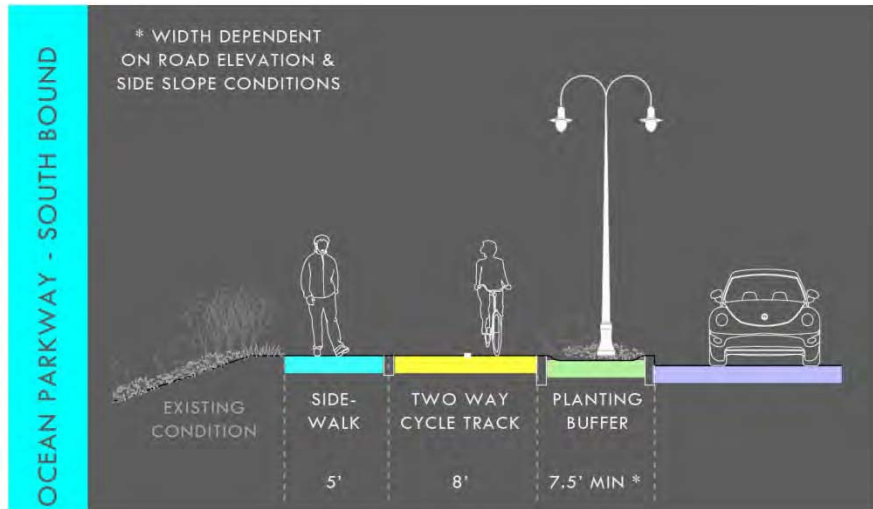
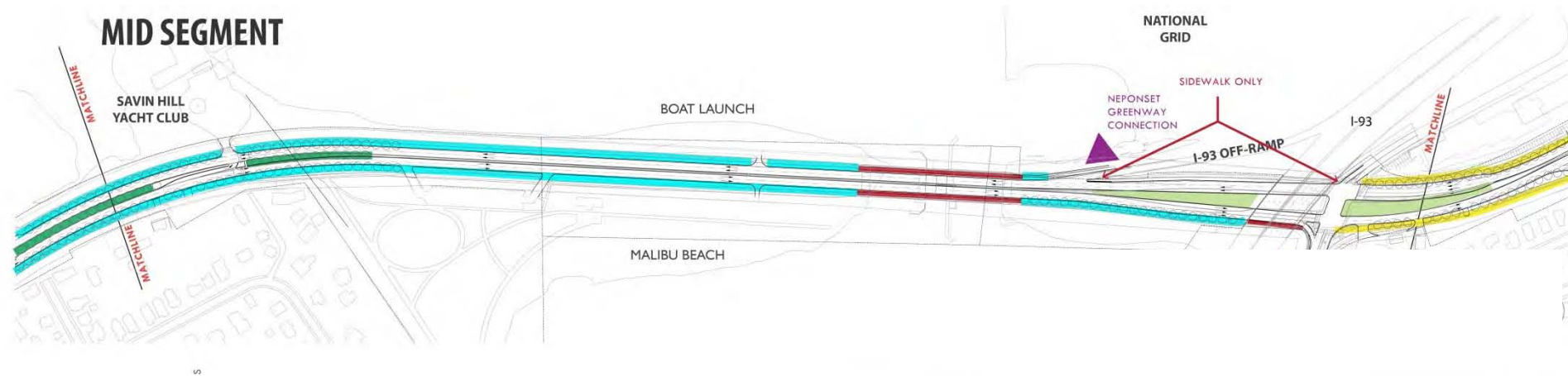
## Sidewalk with Two-Way Cycle Track



# Proposed Bicycle & Pedestrian Facilities

- ONE-WAY CYCLE TRACK
- TWO-WAY CYCLE TRACK
- OCEAN PARKWAY (TWO-WAY CYCLE TRACK)
- NARROW PASS
- WIDENED MEDIAN WITH NEW TREE PLANTINGS
- EXISTING MATURE TREE PLANTINGS TO REMAIN

## MID SEGMENT







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# Proposed Bicycle & Pedestrian Facilities “Ocean Parkway” Area





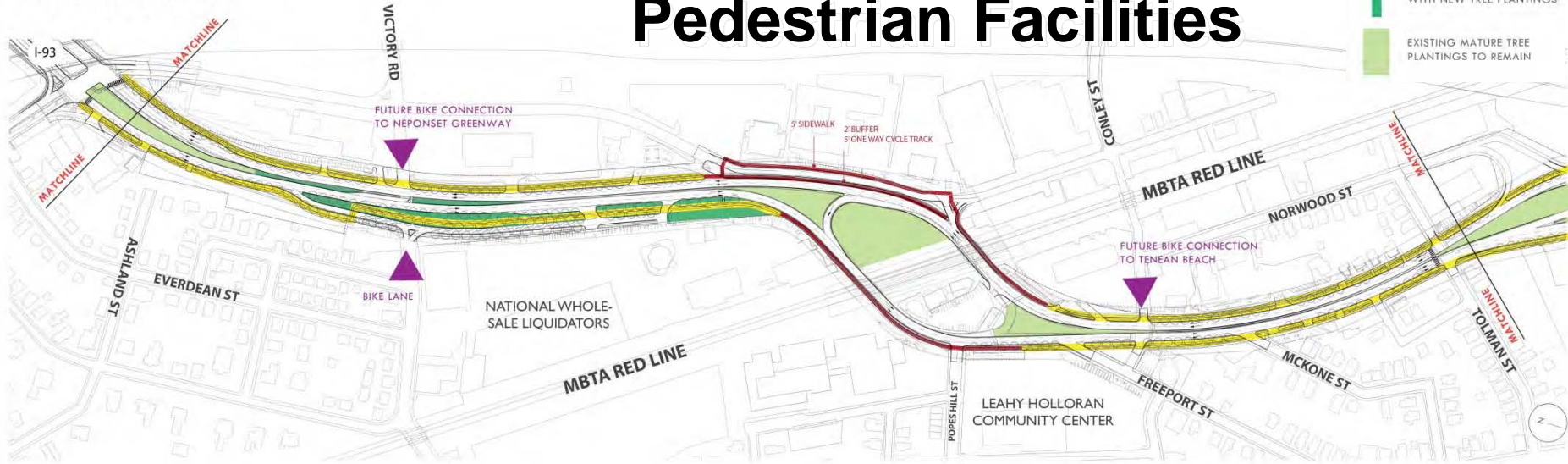


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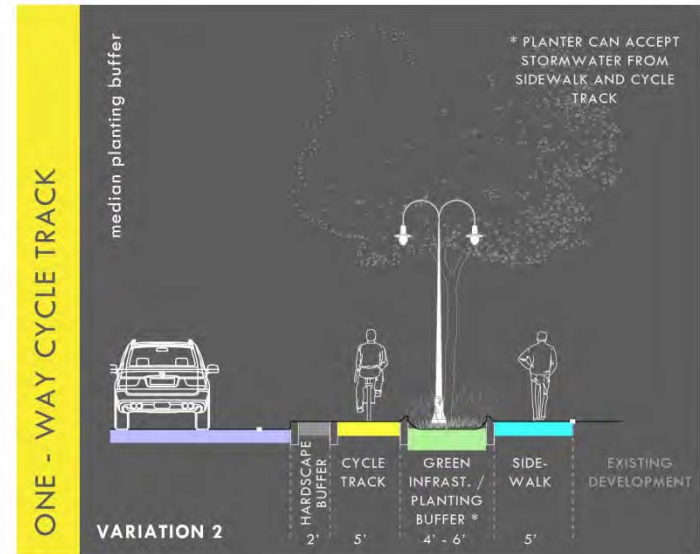
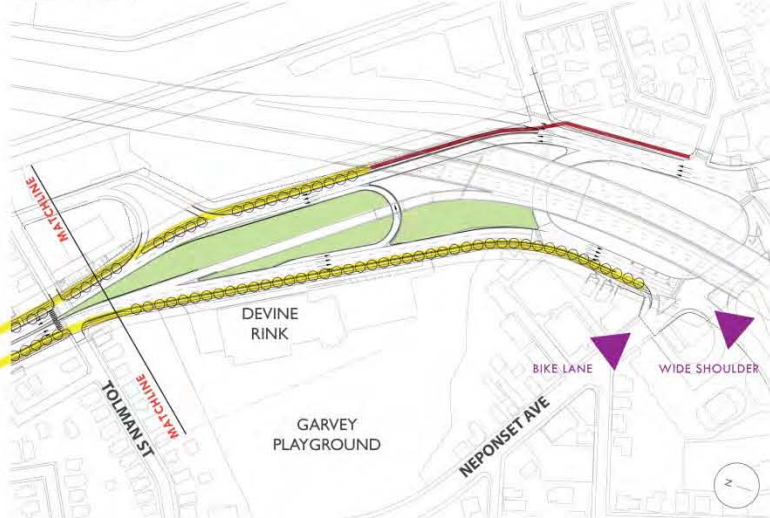
## SOUTH SEGMENT

# Proposed Bicycle & Pedestrian Facilities

- ONE-WAY CYCLE TRACK
- TWO-WAY CYCLE TRACK
- OCEAN PARKWAY (TWO-WAY CYCLE TRACK)
- NARROW PASS
- WIDENED MEDIAN WITH NEW TREE PLANTINGS
- EXISTING MATURE TREE PLANTINGS TO REMAIN



## SOUTH SEGMENT CONTINUED







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# Proposed Bicycle & Pedestrian Facilities Sidewalk with One-Way Cycle Track (Separated)





# Traffic Design Goals

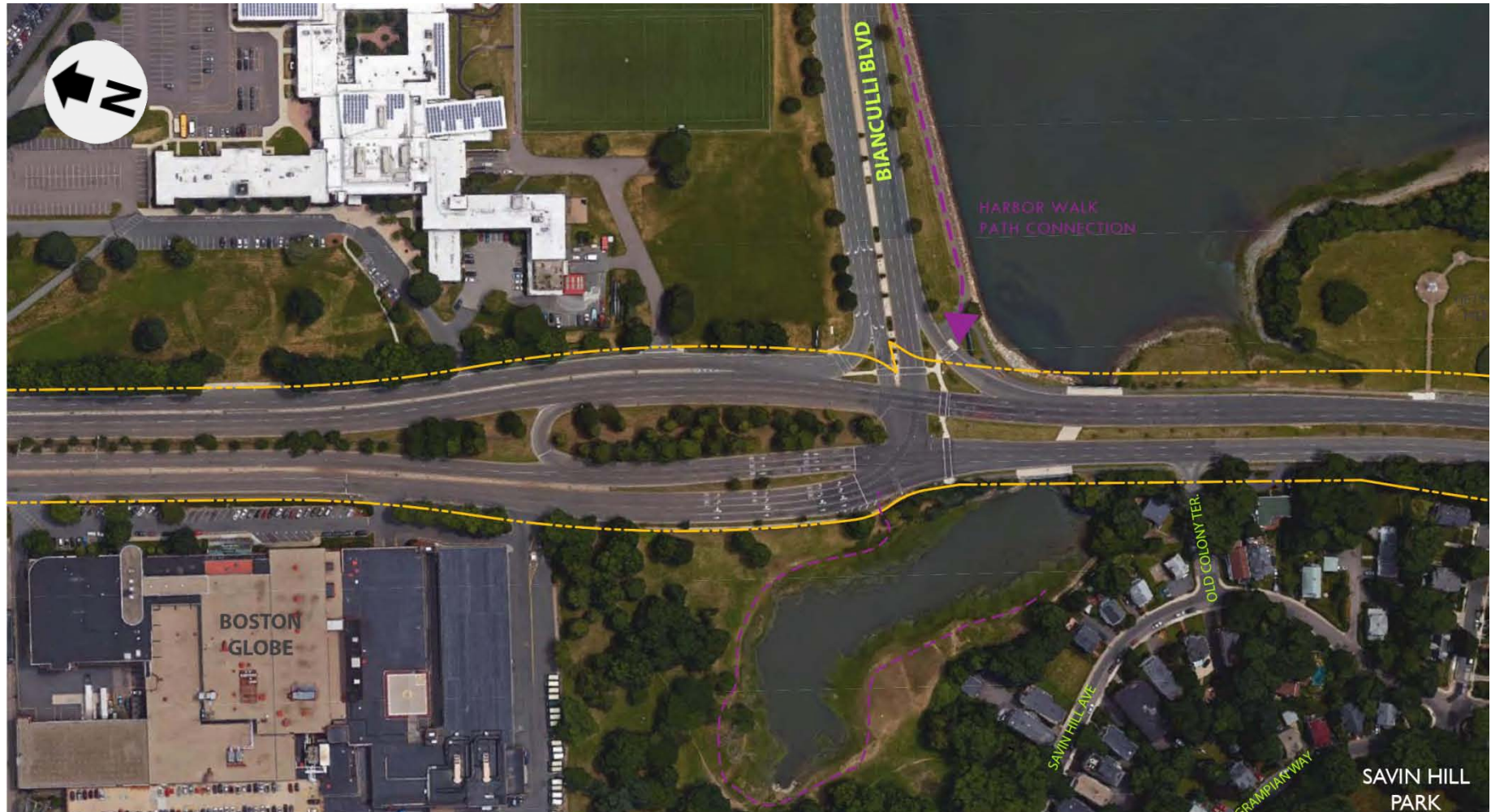
- Improve safety
- Reduce operating speeds
- Incorporate ped/bike facilities
- Maintain comparable vehicle capacity and operations
- Improve efficiency



# Traffic Design: Focus Locations

- Existing Conditions
- Proposed Roadway Layout
- Proposed Design Features

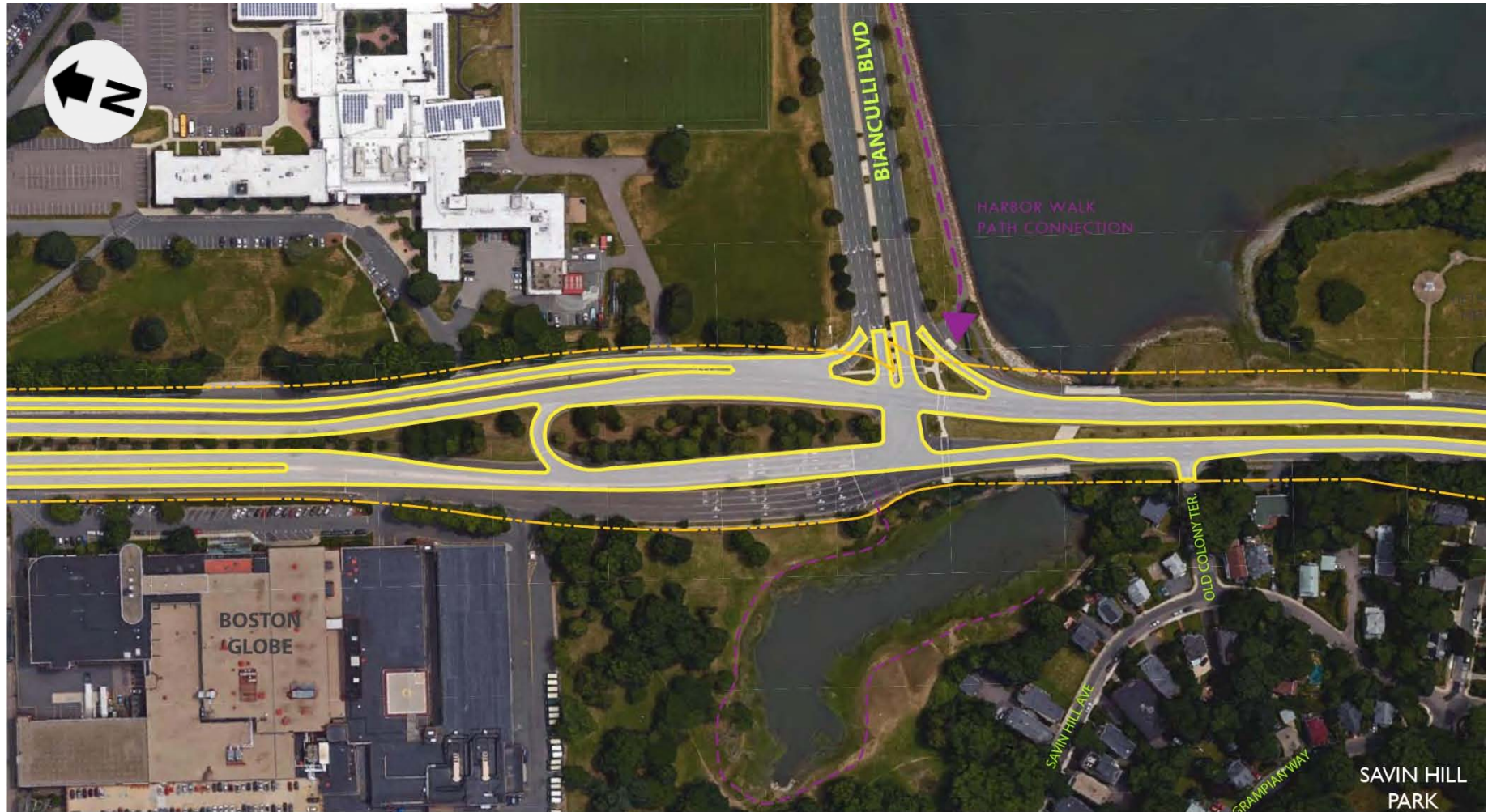




## MORRISSEY BOULEVARD

BIANCULLI BOULEVARD INTERSECTION - EXISTING

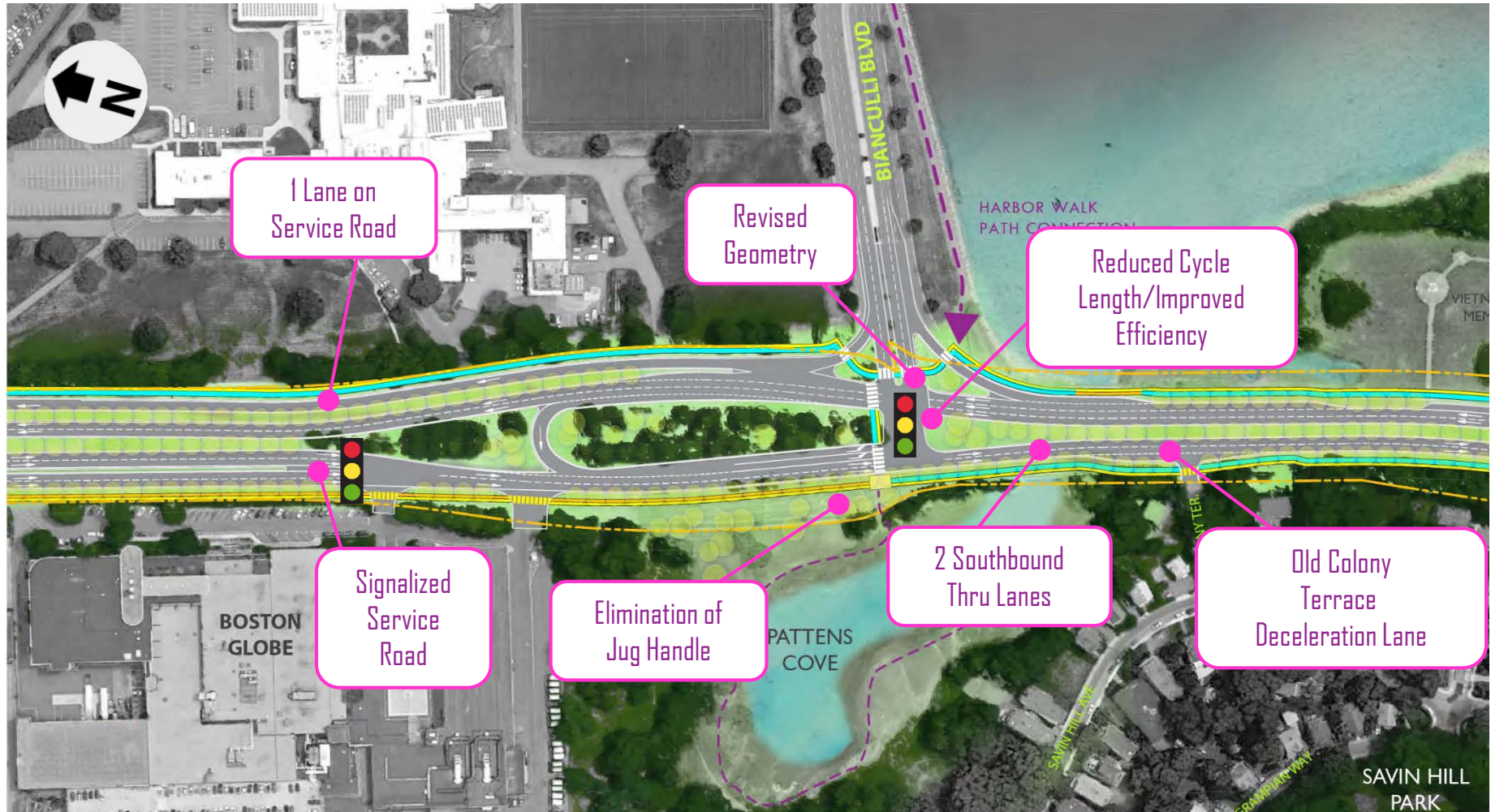




## MORRISSEY BOULEVARD

BIANCULLI BOULEVARD INTERSECTION - PROPOSED ROADWAY LAYOUT





## MORRISSEY BOULEVARD

BIANCULLI BOULEVARD INTERSECTION - PROPOSED



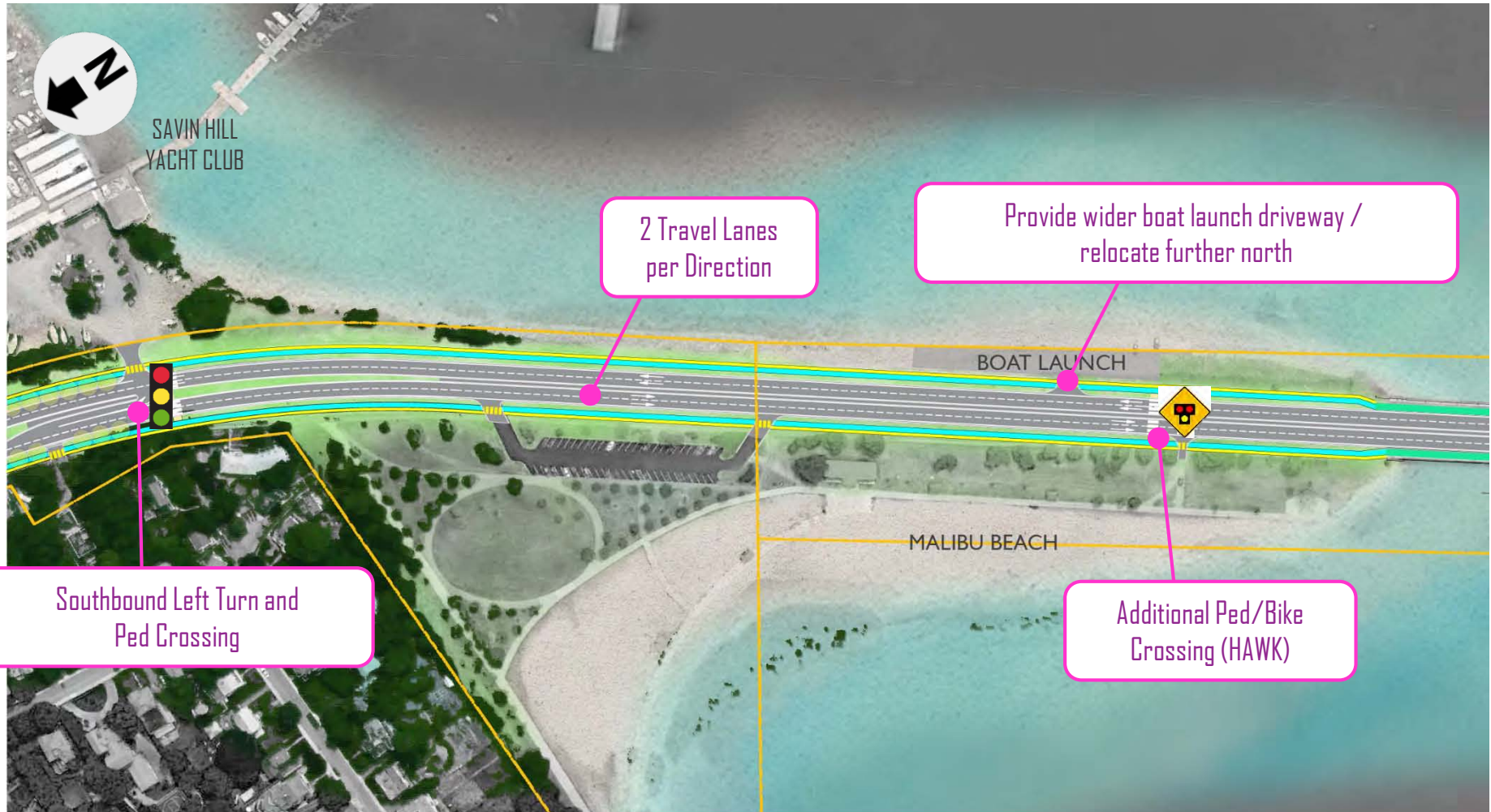
MORRISSEY BOULEVARD  
MALIBU BEACH AREA - EXISTING





MORRISSEY BOULEVARD

MALIBU BEACH AREA – PROPOSED ROADWAY LAYOUT



MORRISSEY BOULEVARD  
MALIBU BEACH AREA - PROPOSED



# High-Intensity Activated CrossWalk (HAWK)



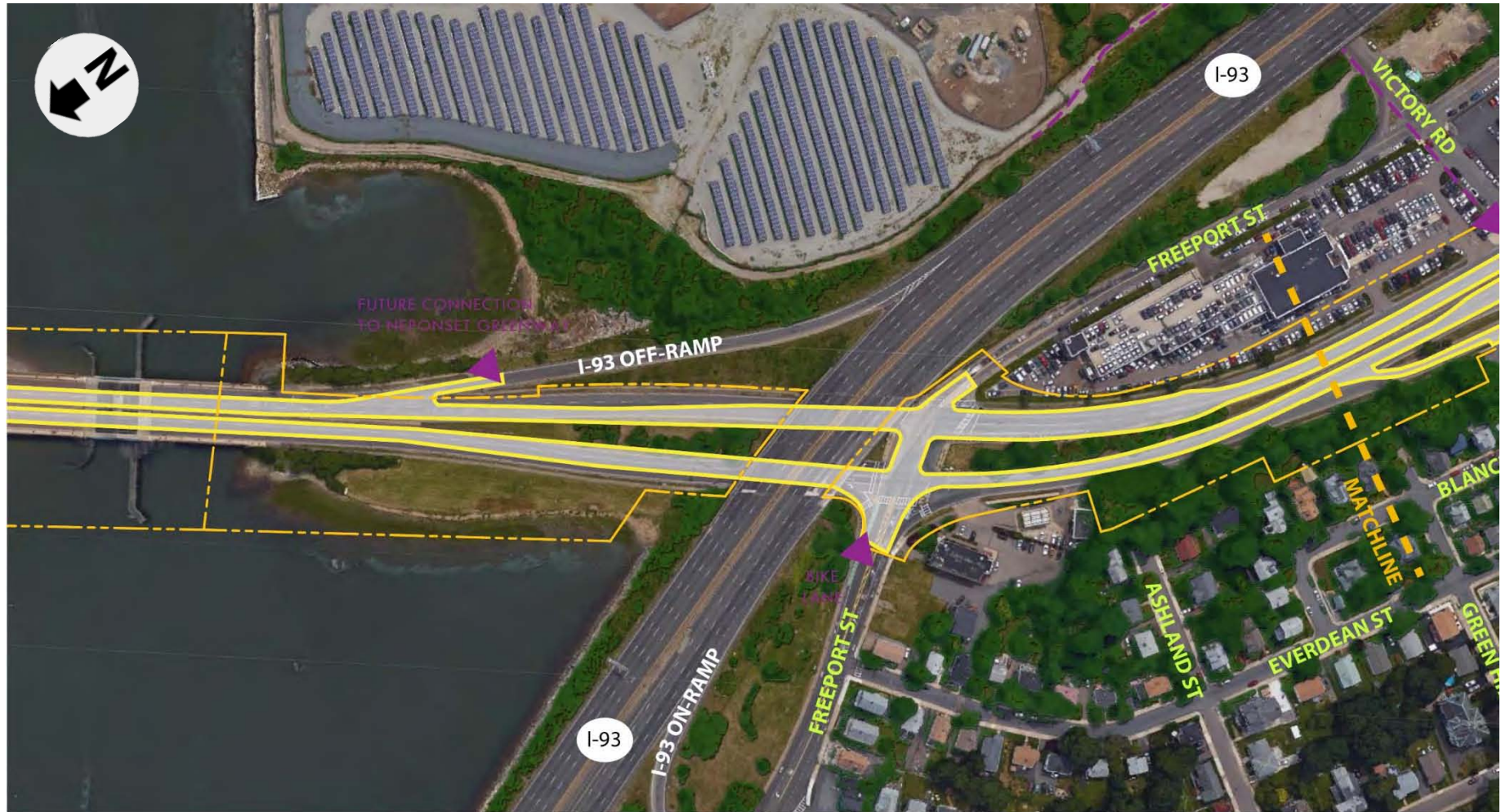
- Dark until pedestrian button is pushed
- Flashing yellow then solid yellow
- Solid red simultaneous with Walk symbol
- Flashing red (stop control) simultaneous with flashing “Hand” symbol
- Dark until next activation



## MORRISSEY BOULEVARD

FREEPPOINT STREET INTERSECTION - EXISTING

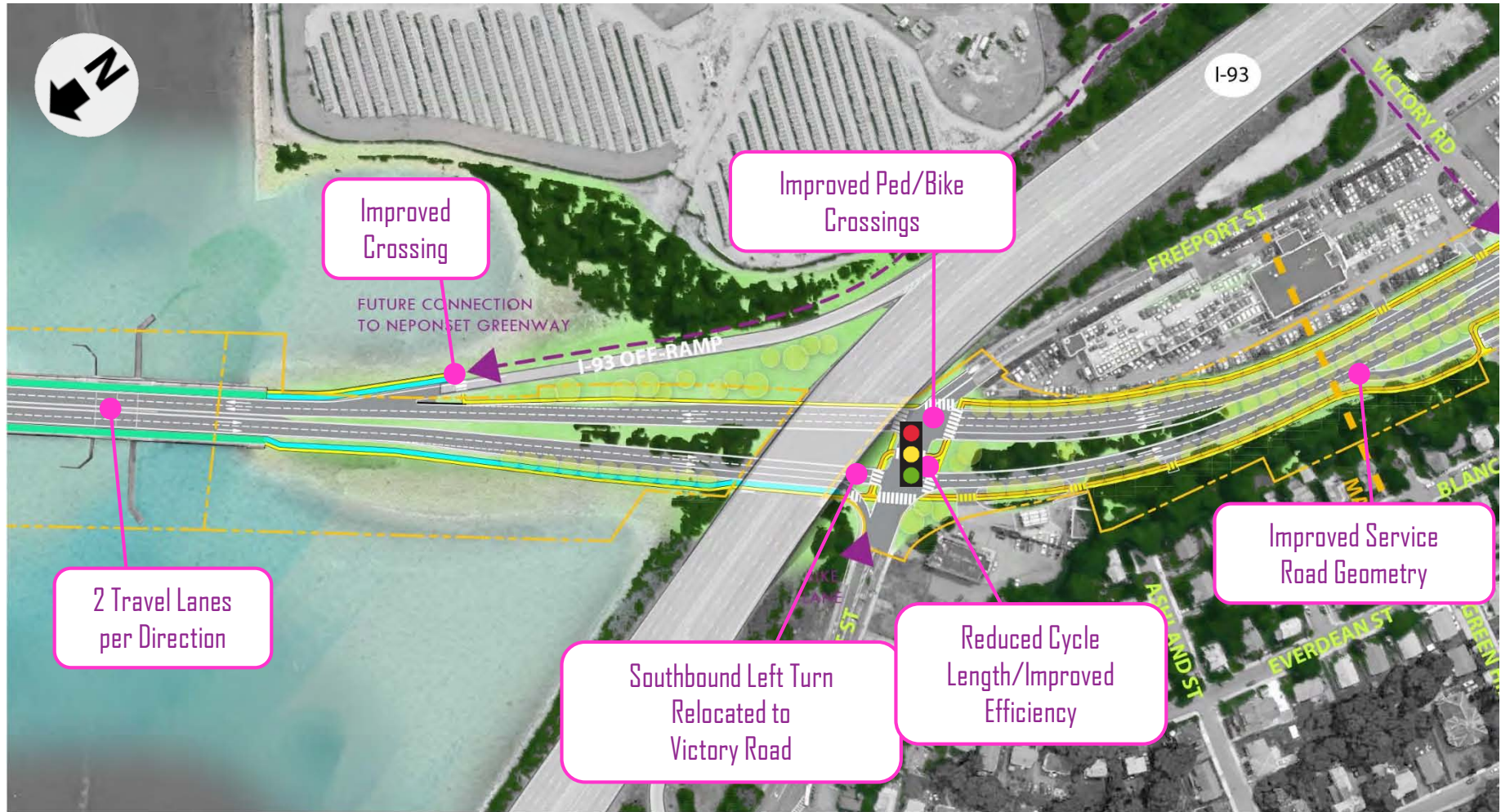




## MORRISSEY BOULEVARD

FREEPORT STREET INTERSECTION - PROPOSED ROADWAY LAYOUT

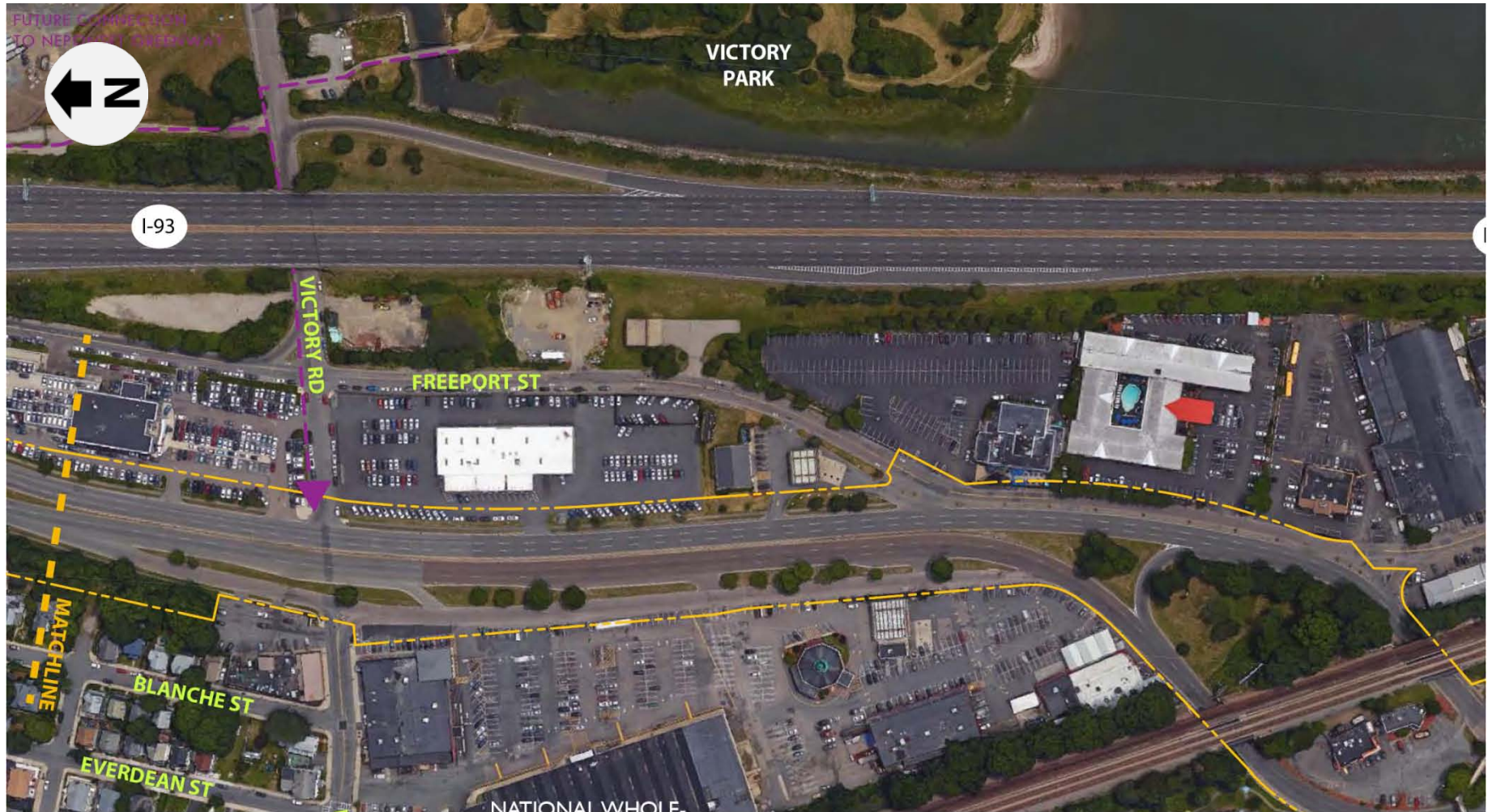




## MORRISSEY BOULEVARD

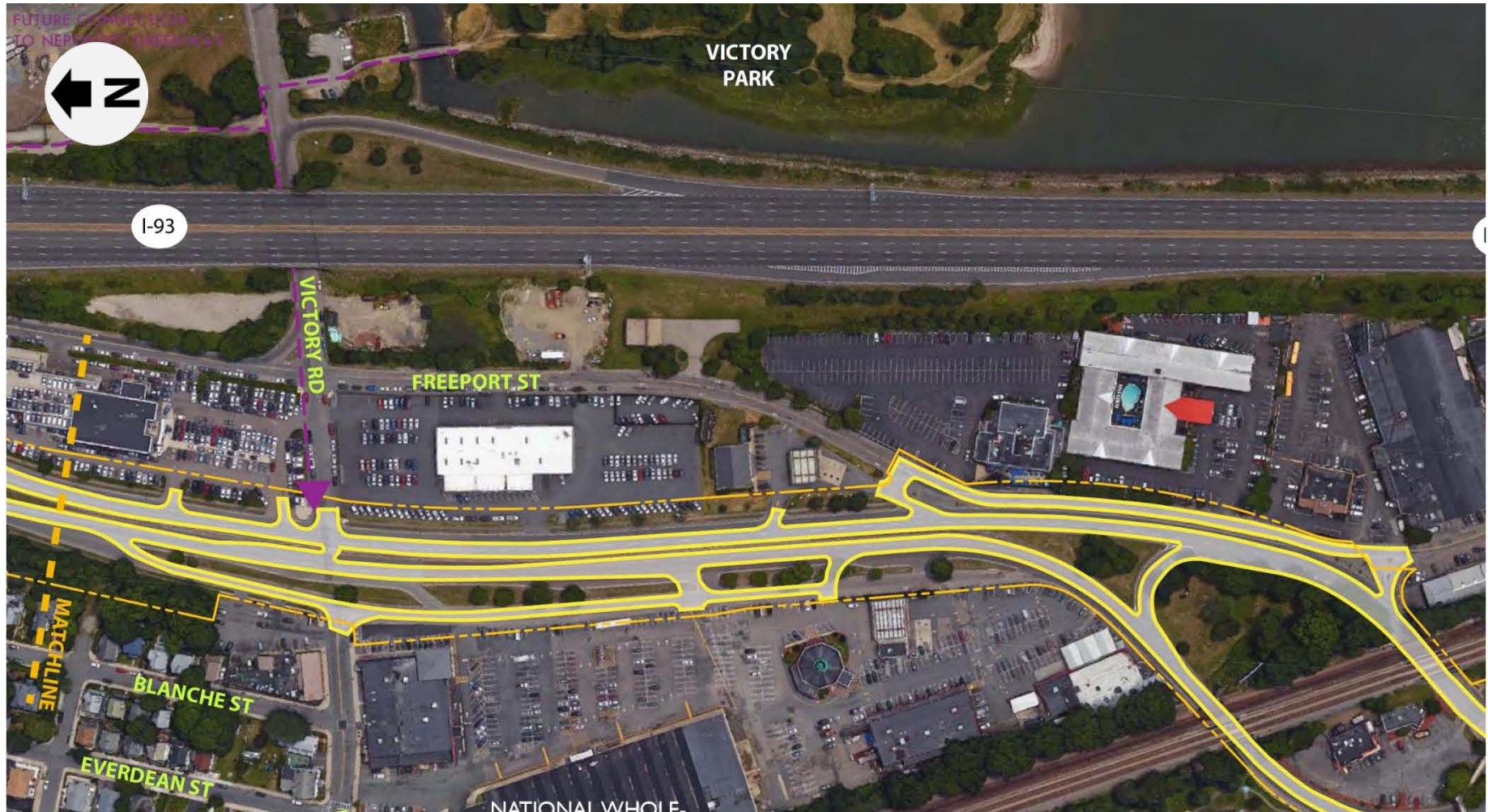
FREEPORT STREET INTERSECTION - PROPOSED





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VICTORY ROAD INTERSECTION - EXISTING

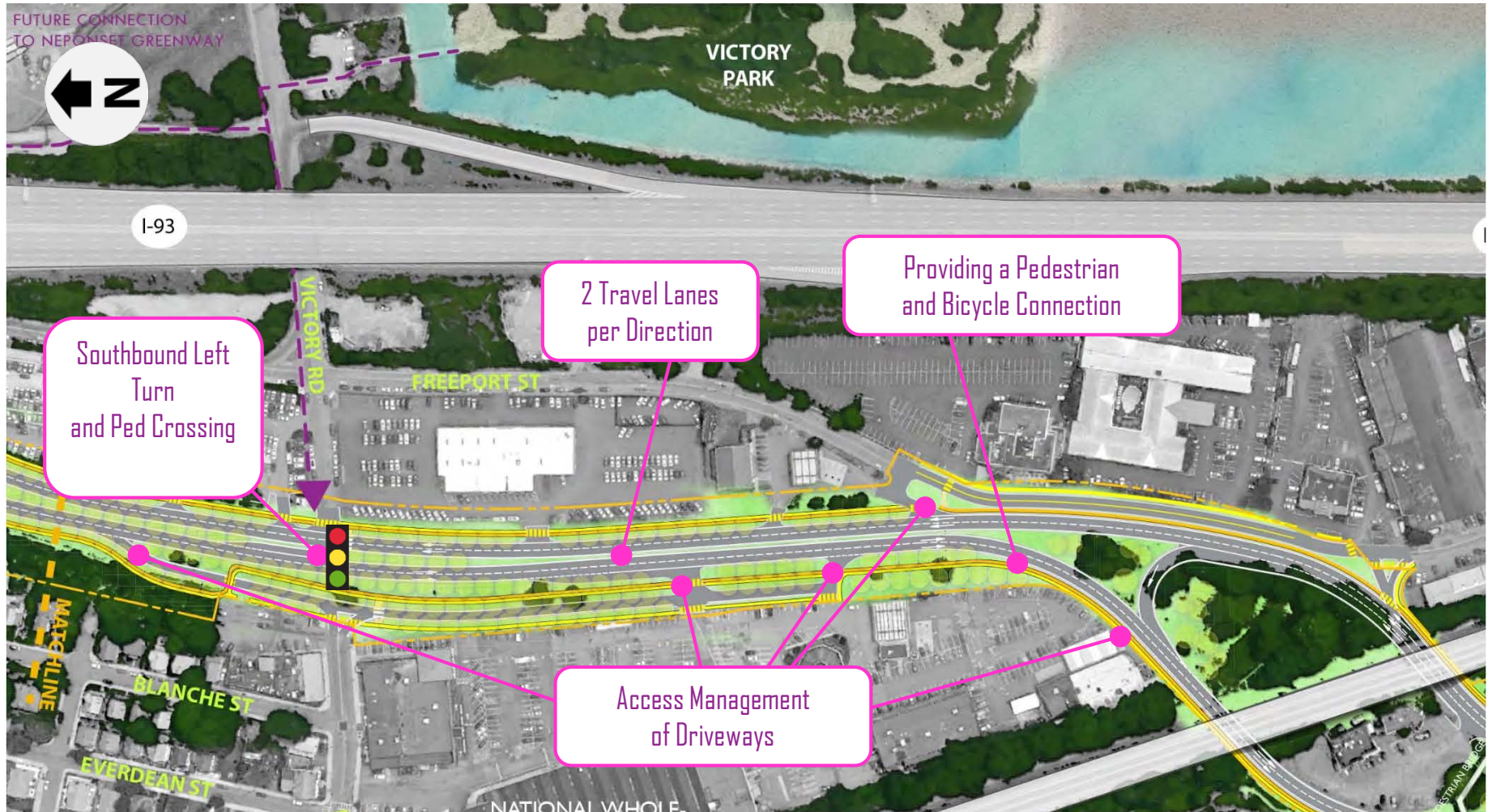




## MORRISSEY BOULEVARD

VICTORY ROAD INTERSECTION - PROPOSED ROADWAY LAYOUT

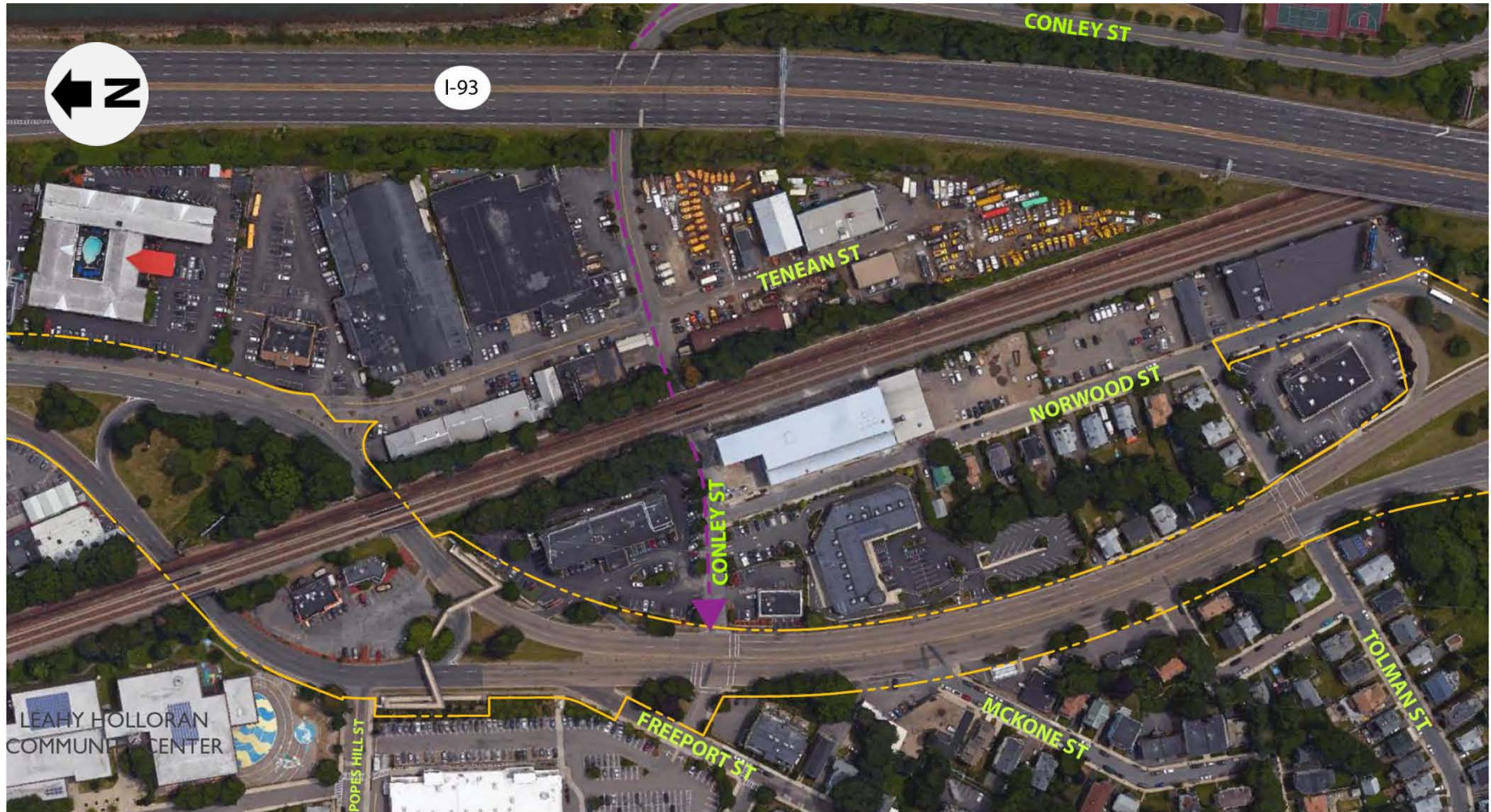




# MORRISSEY BOULEVARD

## VICTORY ROAD INTERSECTION - PROPOSED

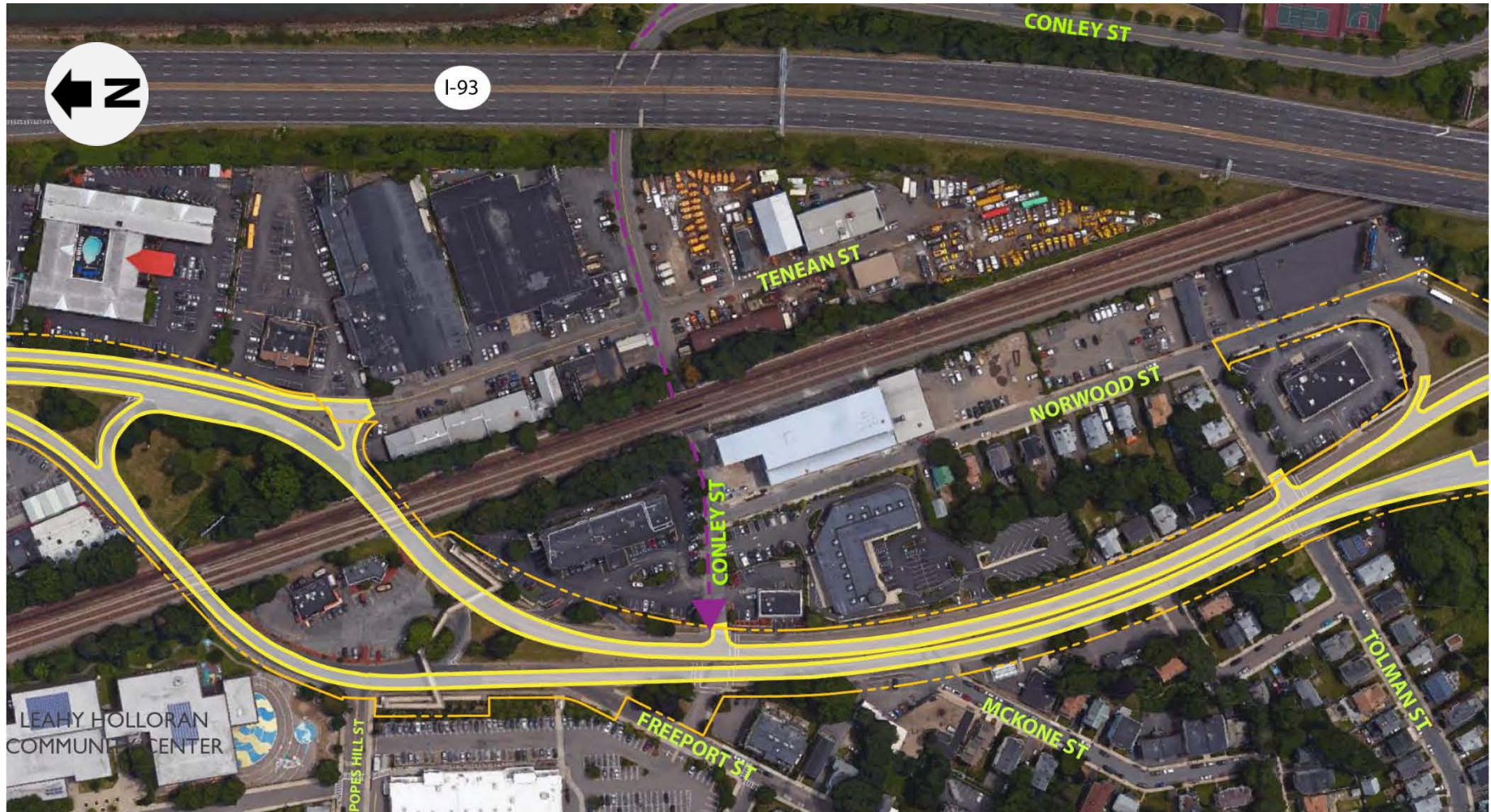




## MORRISSEY BOULEVARD

MBTA RED LINE OVERPASS - EXISTING





## MORRISSEY BOULEVARD

MBTA RED LINE OVERPASS - PROPOSED ROADWAY LAYOUT





**MORRISSEY BOULEVARD**  
**MBTA RED LINE OVERPASS - PROPOSED**

Improved Ped/Bike  
Crossing (HAWK)





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# Bringing it All Together...Existing







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# Bringing it All Together...Future Vision



VIETNAM WAR  
MEMORIAL

MALIBU BEACH

PATTENS  
COVE

HARBOR  
WALK

MORRISSEY BLVD  
BIANCULLI BLVD





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# Bringing it All Together...Existing







MASSACHUSETTS DEPARTMENT OF  
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# Bringing it All Together...Future Vision







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# Bringing it All Together...Future Vision

## parkway improvements

parkway shade trees



planted medians



sustainable plantings







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# Bringing it All Together...Future Vision

## cycling improvements



separated cycle lanes



clear lane markings



distinct pavement





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# pedestrian improvements



demarcated mixing  
zones



protected/separated  
crosswalks



planted buffer  
zones

# **Enough from us...let's hear from you!**

## **How to provide feedback tonight:**

- General Questions & Answers (15 minutes)
- Table Discussions (40 minutes)
  - North Area
  - Middle Area
  - South Area

# Enough from us...let's hear from you!

## How to provide feedback after tonight:

- Submit comments 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: Comments will be accepted through Tuesday, October 18, 2016
- Note: Public comments submitted to DCR may be posted on the DCR website in their entirety



General Questions?

# Table Discussions



# Additional Information

**For more information:**

- **See materials relative to this meeting posted under “Materials From Past Public Meetings 2016” at <http://www.mass.gov/eea/agencies/dcr/public-outreach/public-meetings/>**

**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](mailto:Mass.Parks@state.ma.us).