

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

Design Team



Overall Project Management, Direction and Guidance



Civil & Structural Engineering; Drainage & Coastal Design



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

Mt. Vernon St.

North Area

Pattens Cove Bridge

Middle Area

Interstate 93/Freeport St.

South Area

Neponset Circle



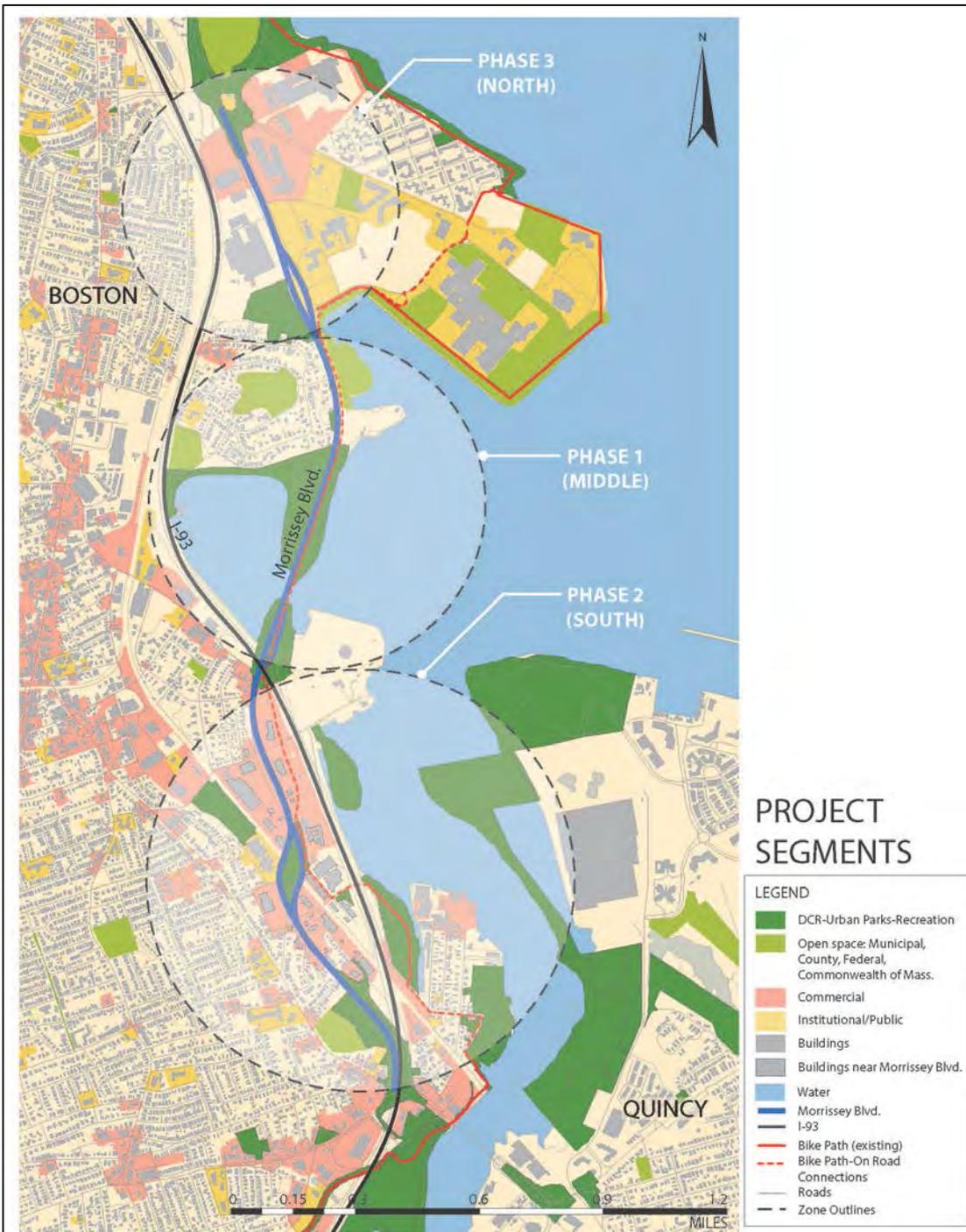
MORRISEY BLVD RECONSTRUCTION PROJECT DESIGN

LEGEND

| | |
|--|---|
| | DCR-Urban Parks-Recreation |
| | Open space: Municipal, County, Federal, Commonwealth of Mass. |
| | Commercial |
| | Institutional/Public |
| | Buildings |
| | Buildings near Morrisey Blvd. |
| | Water |
| | Morrisey Blvd. |
| | I-93 |
| | Bike Path (existing) |
| | Bike Path-On Road Connections |
| | Roads |
| | Zone Outlines |

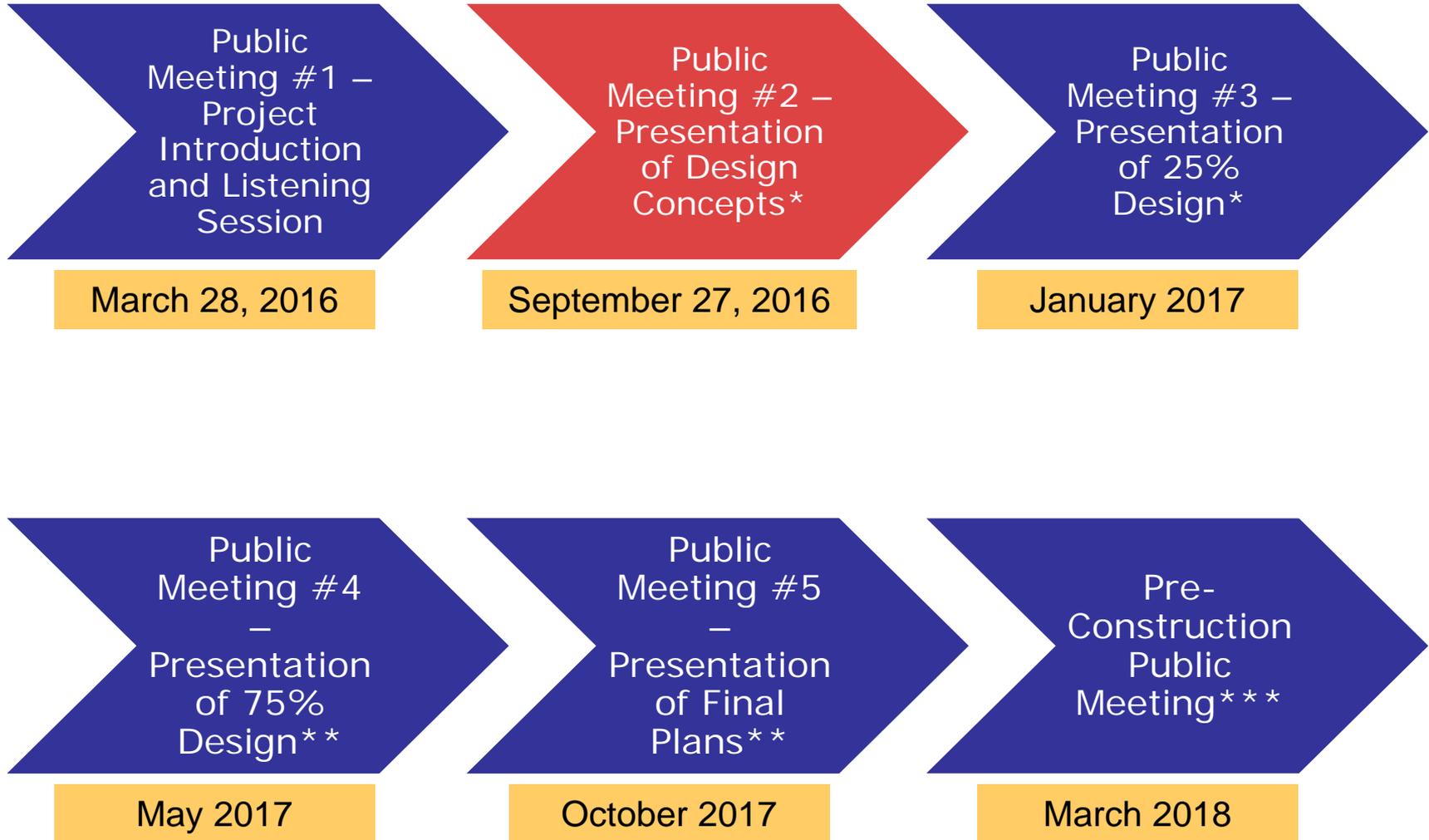
Potential Project Phasing

- 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





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

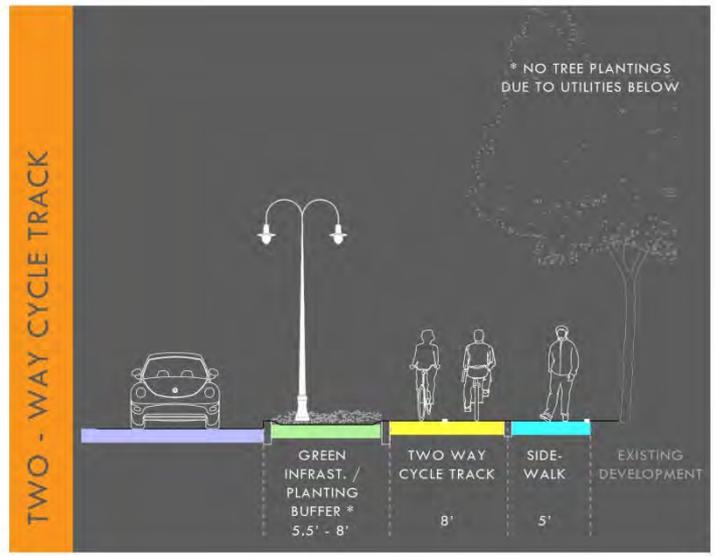
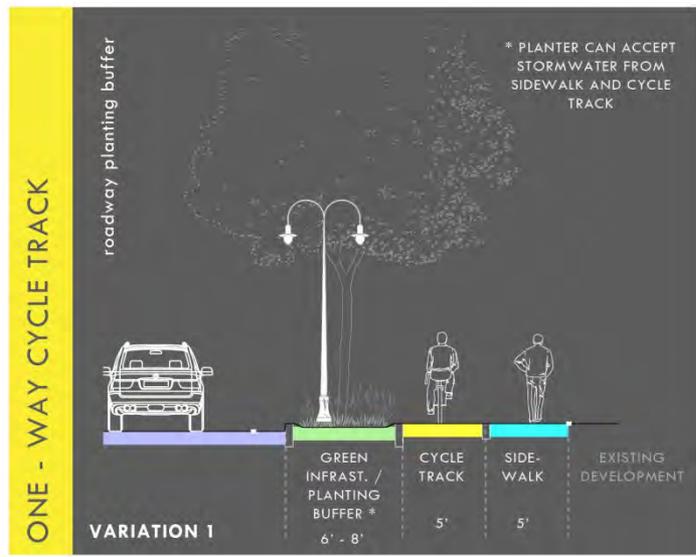
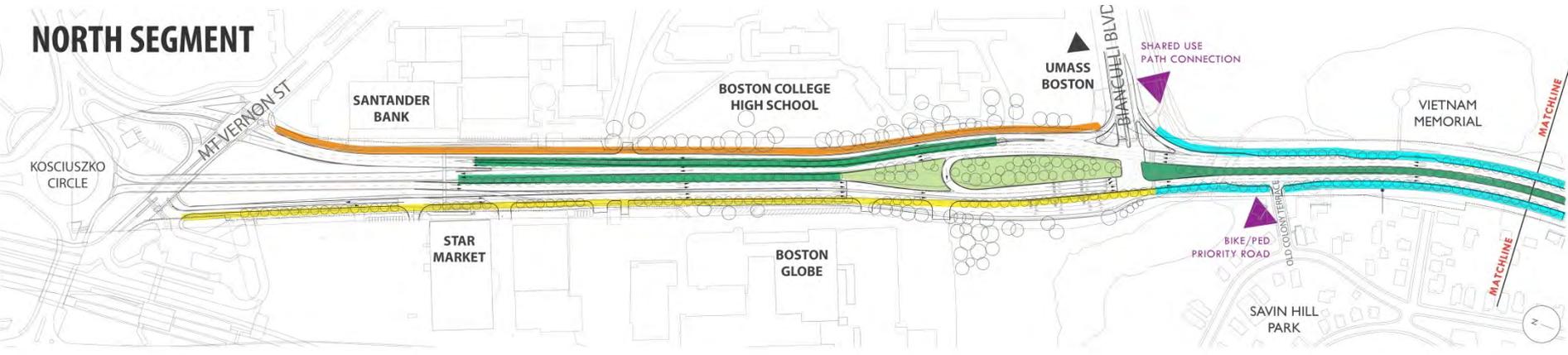
- Reduced number of through lanes from 3 to 2
- Provides additional turning lanes at intersections
- Design and Posted Speed of 35 mph (versus 40 mph maximum today)
- Separate bicycle and pedestrian facilities where feasible
- Bicycles:
 - Sidewalk level paths
 - Combination of one-way paths (running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



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





MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

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





MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

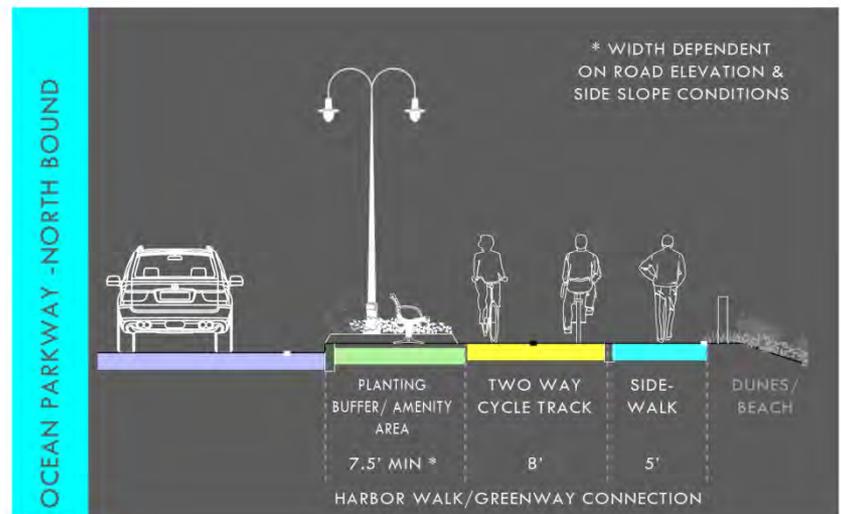
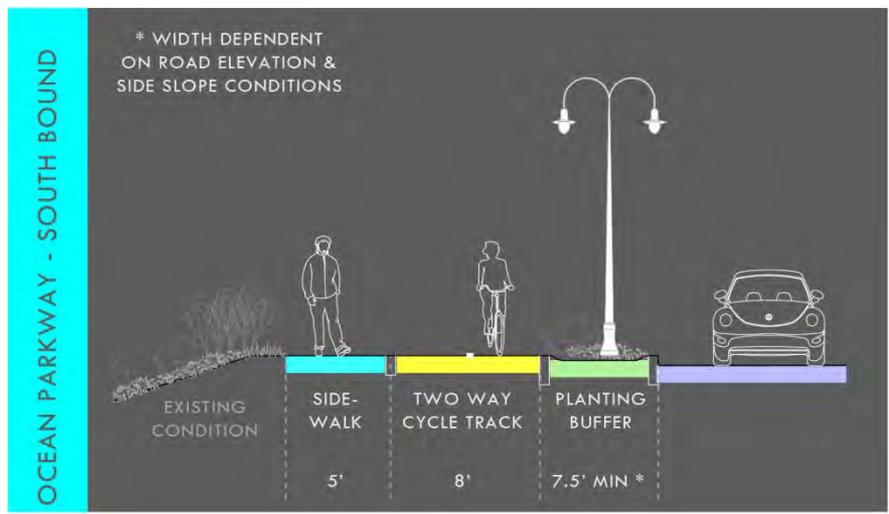
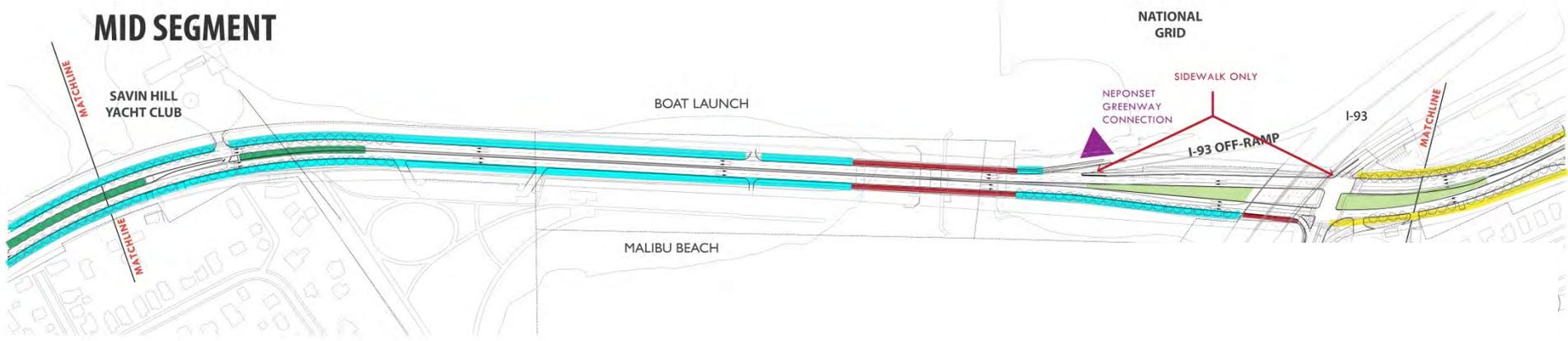
Proposed Bicycle & Pedestrian Facilities

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





MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

Proposed Bicycle & Pedestrian Facilities “Ocean Parkway” Area



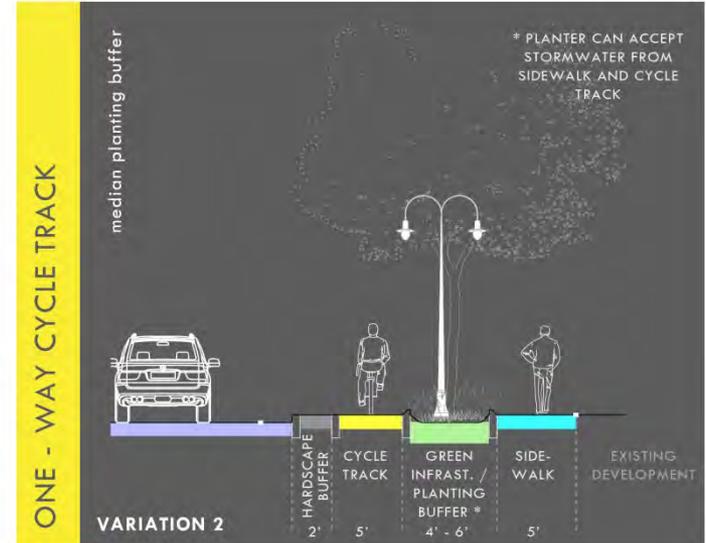
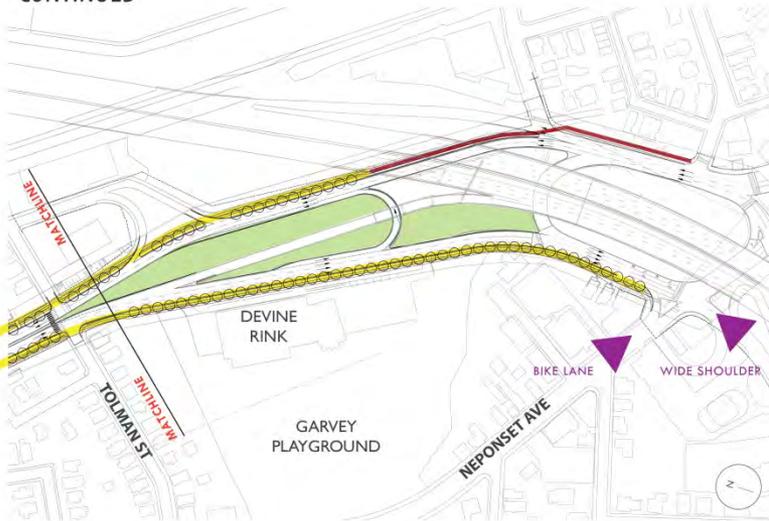
SOUTH SEGMENT

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





MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION

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

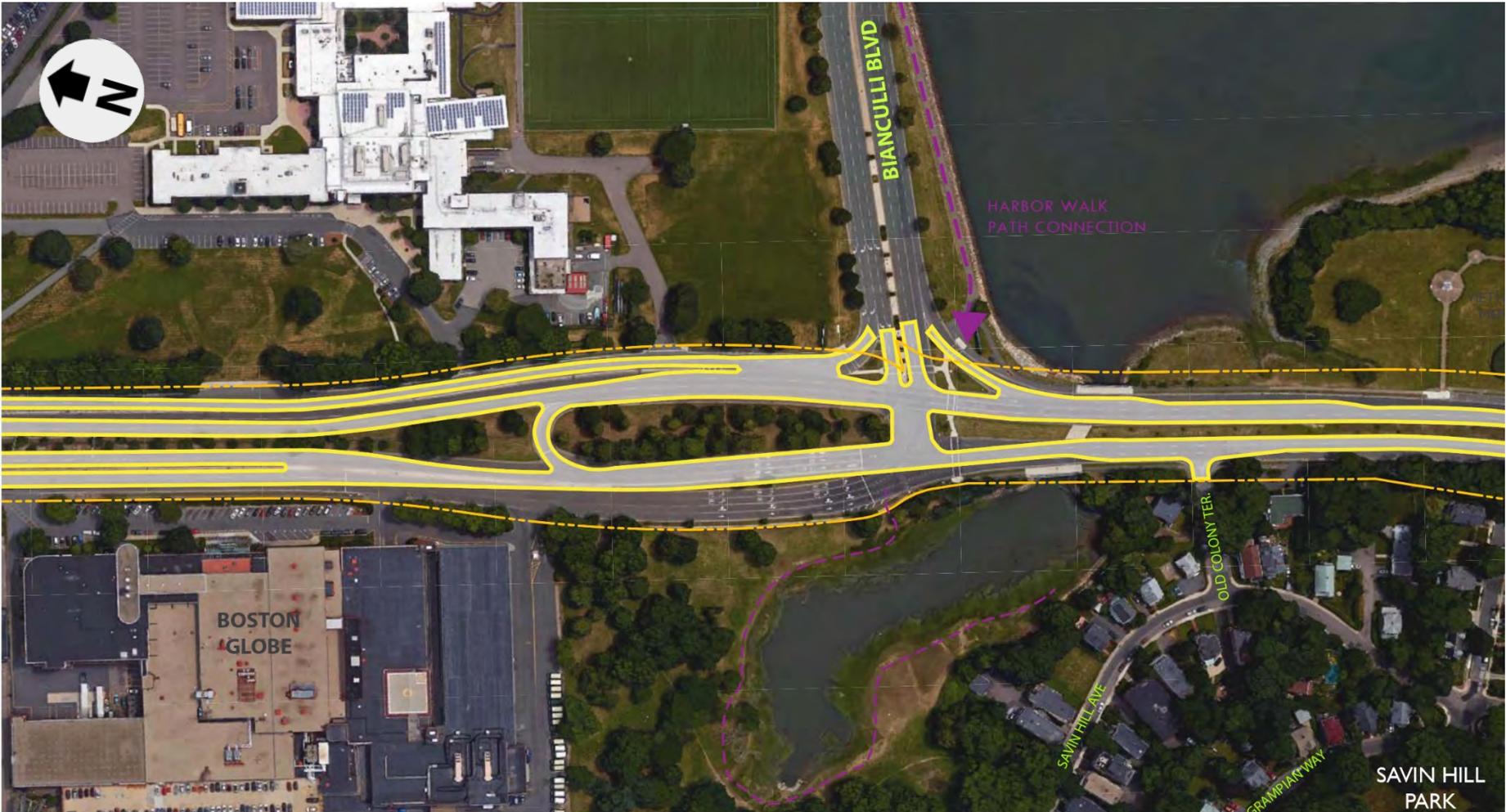


Traffic Design: Focus Locations

- Existing Conditions
- Proposed Roadway Layout
- Proposed Design Features

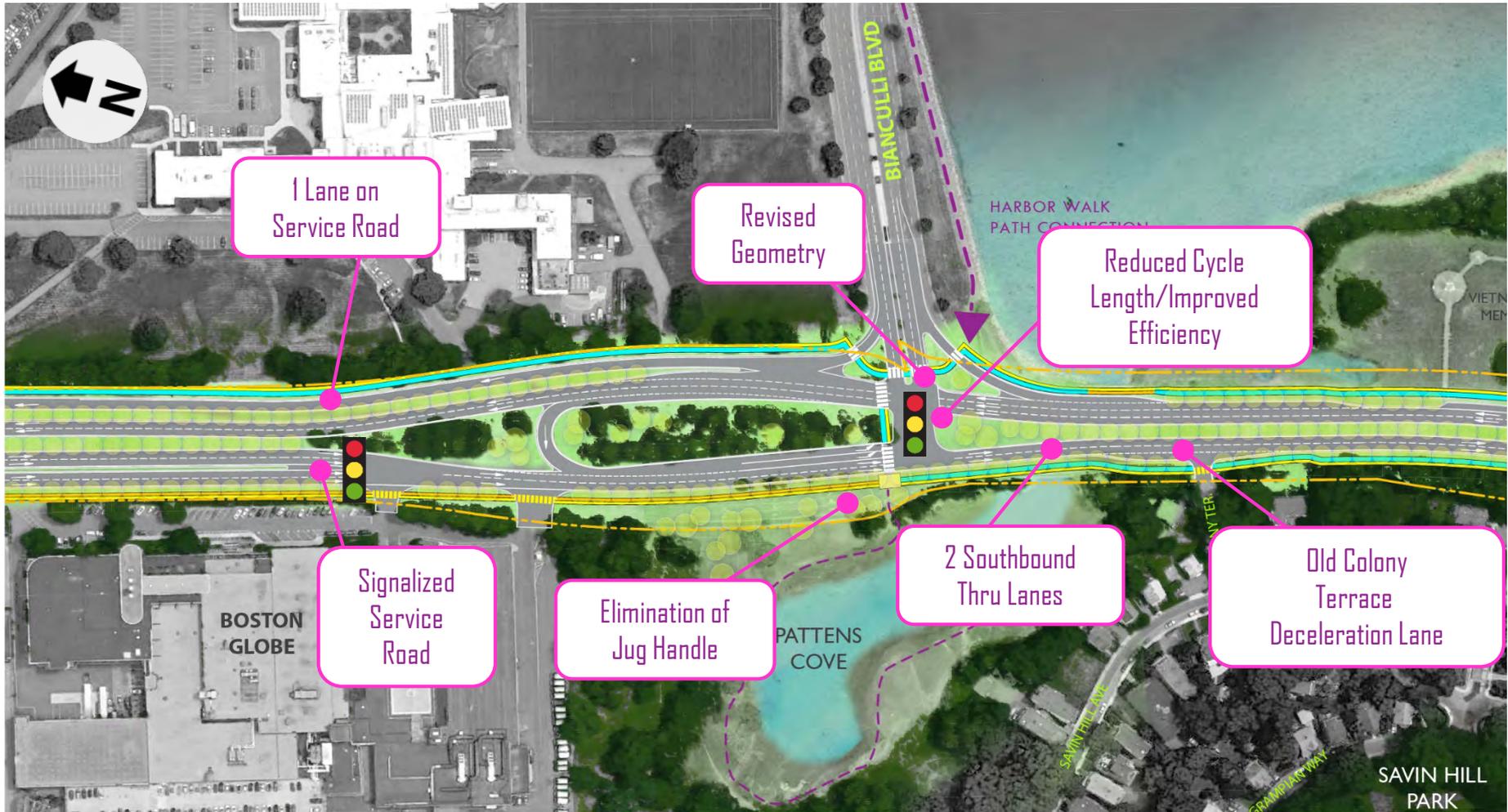


MORRISSEY BOULEVARD
BIANCULLI BOULEVARD INTERSECTION - EXISTING



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

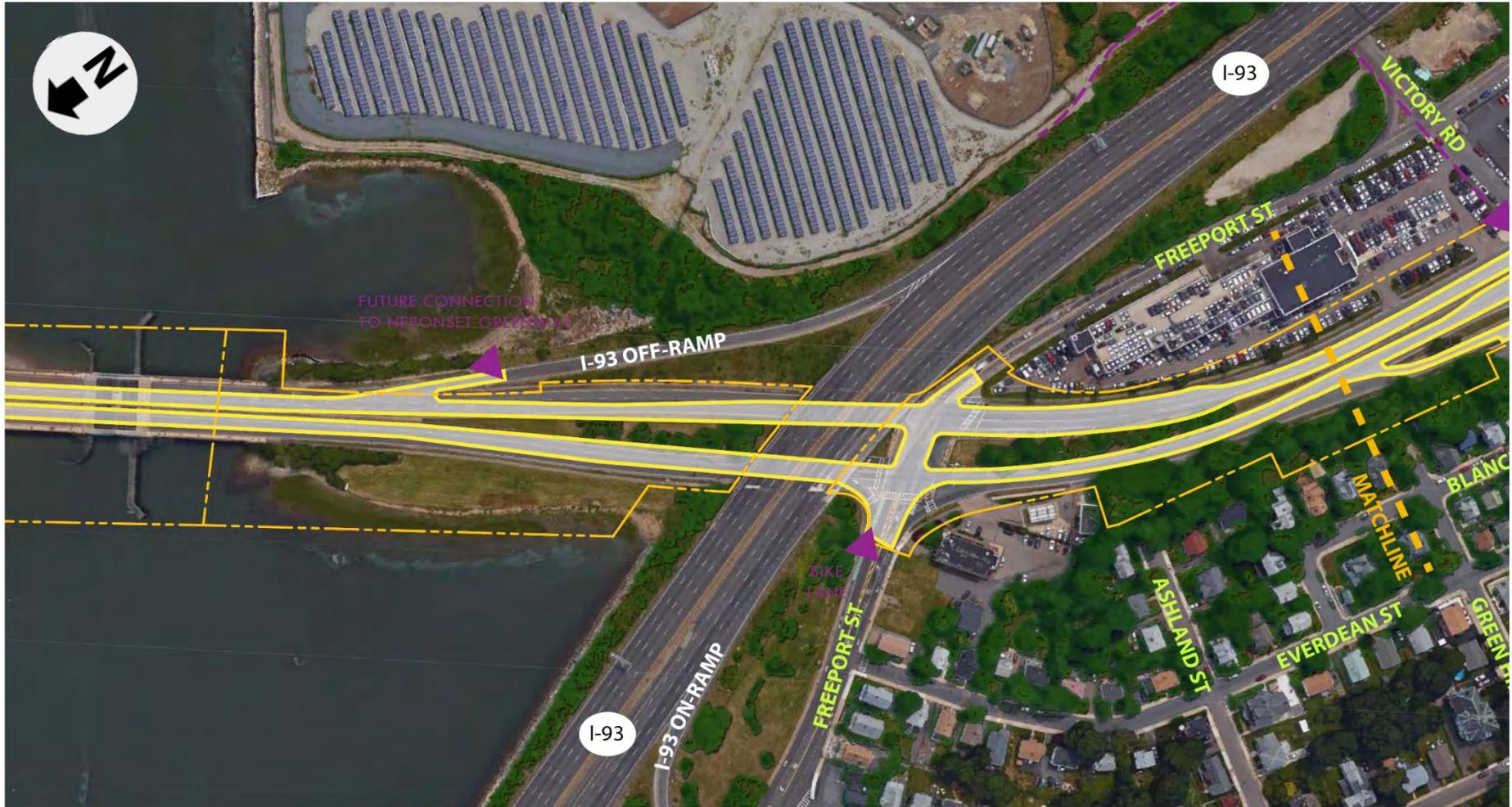
High-Intensity Activated CrossWalk (HAWK)



- 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



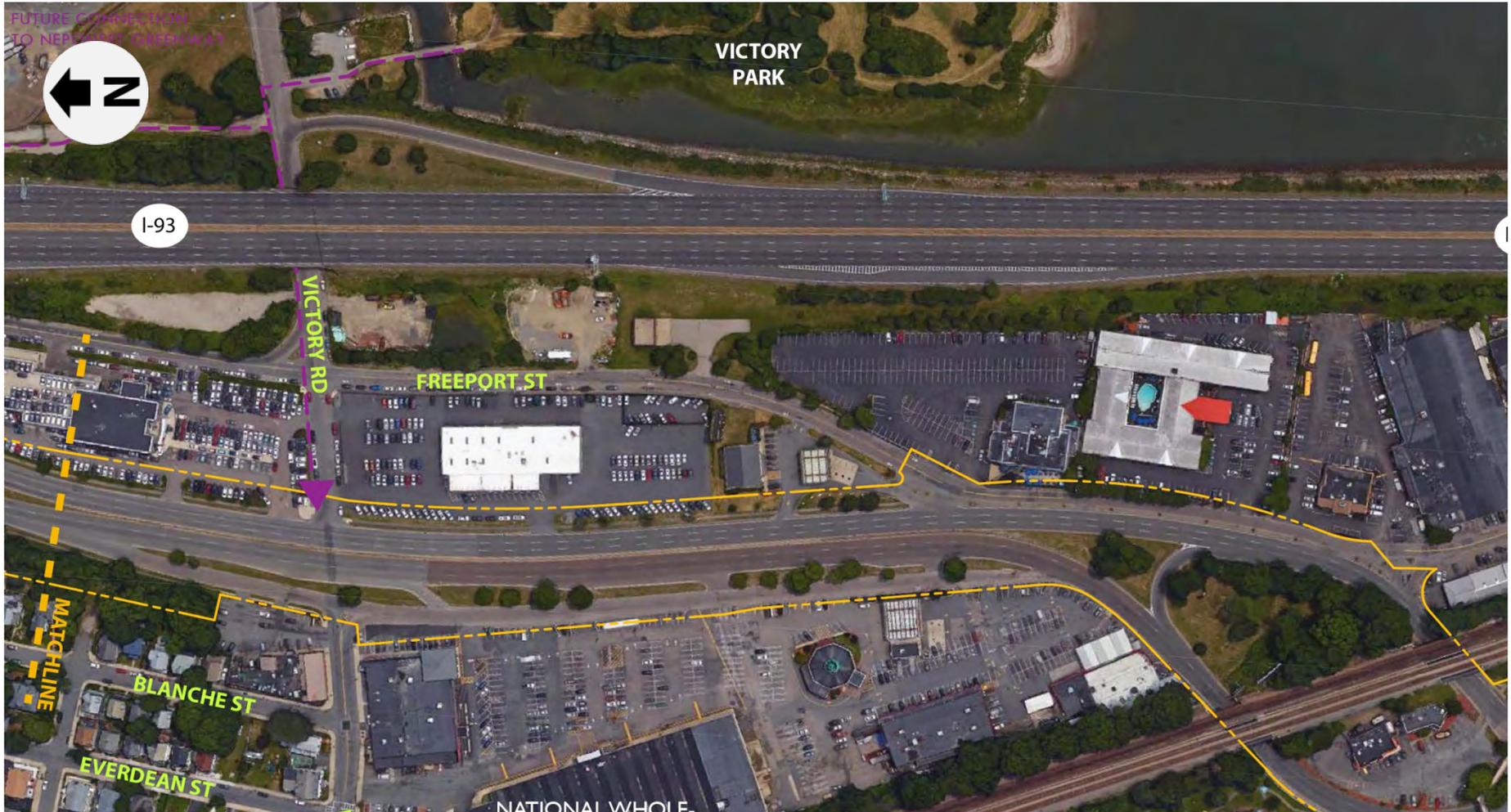
MORRISSEY BOULEVARD
FREEPORT STREET INTERSECTION - EXISTING



MORRISSEY BOULEVARD
FREEPPOINT STREET INTERSECTION - PROPOSED ROADWAY LAYOUT



MORRISSEY BOULEVARD
FREEPOINT STREET INTERSECTION - PROPOSED



MORRISSEY BOULEVARD
VICTORY ROAD INTERSECTION - EXISTING