



# Welcome!

South Bay Harbor Trail  
Boston | Project File No. 604761

## Design Public Hearing

Mass Bay Credit Union

5/16/17 | 6:30 pm

# Introduction

- **MassDOT**
  - Thomas J. Tinlin, Highway Administrator
  - Patricia A. Leavenworth, Chief Engineer
  - Sreelatha Allam, Project Manager
- **City of Boston**
  - Martin Walsh, Mayor
  - Chris Osgood, Chief of Streets
  - James Gillooly, Deputy Commissioner BTD
  - William Conroy, Senior Transportation Planner at BTD
  - Bill Egan, Chief Civil Engineer, PWD
  - Stephanie Seskin, Active Transportation Director, City of Boston
- **Design Consultants, Inc.**
  - David Giangrande, P.E., MS, Principal in Charge
  - Dennis Murtagh, EIT, Project Engineer

# History of Public Outreach

- **Dozens of public meetings have been held over the last 10 years to discuss the entire length of the SBHT**
- **Recent Community Meetings**
  - **1/26/17 (Mass Bay Credit Union)**
  - **3/7/17 (Ink Block)**



# Project Team



## **City of Boston**

Project Proponent

## **Design Consultants, Inc.**

Responsible for Design

## **MassDOT's Highway Division**

Responsible for administering the Design Process and providing Resident Engineer Services

## **Federal Highway Administration**

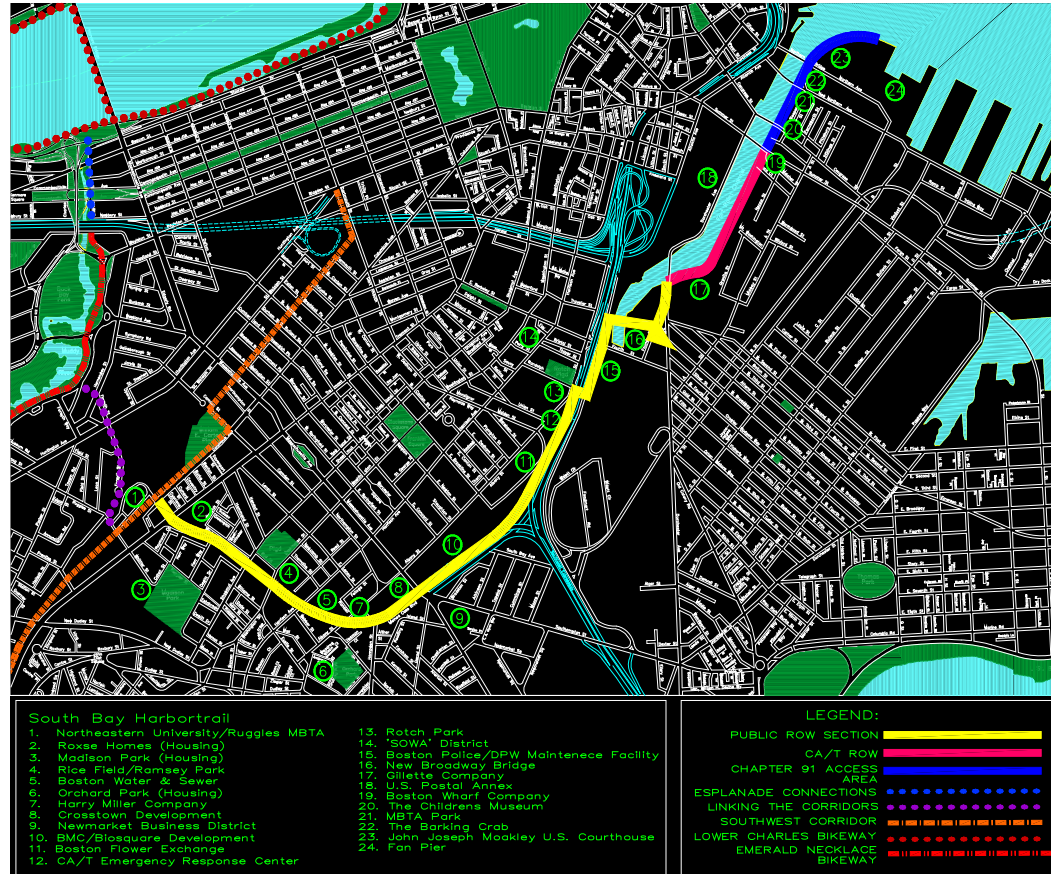
Responsible for Oversight

# Project Funding



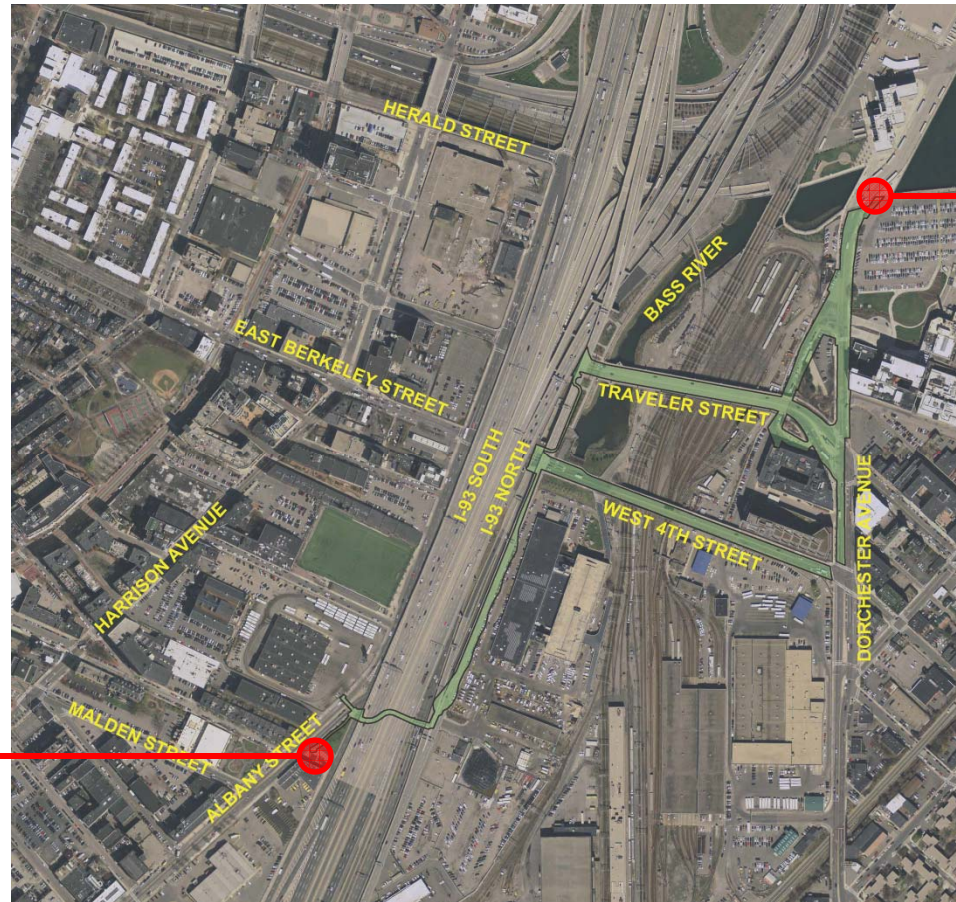
- **MassDOT**
- **Federal Highway Administration**

# Project Area



Entire South Bay Harbor Trail

# Project Area



END OF PHASE I

START OF PHASE I

**Project Location  
Limits of Work**

**Why do we need  
this project?**





# Existing Issues

- **Deficient Pedestrian Accommodation**
- **Deficient Bicycle Accommodation**
- **Deficient Safety**
- **Deficient Connectivity and Accessibility Between the Backbay and South Boston and the Waterfront**

# Existing Issues (cont.)

- Deficient Pedestrian Accommodation



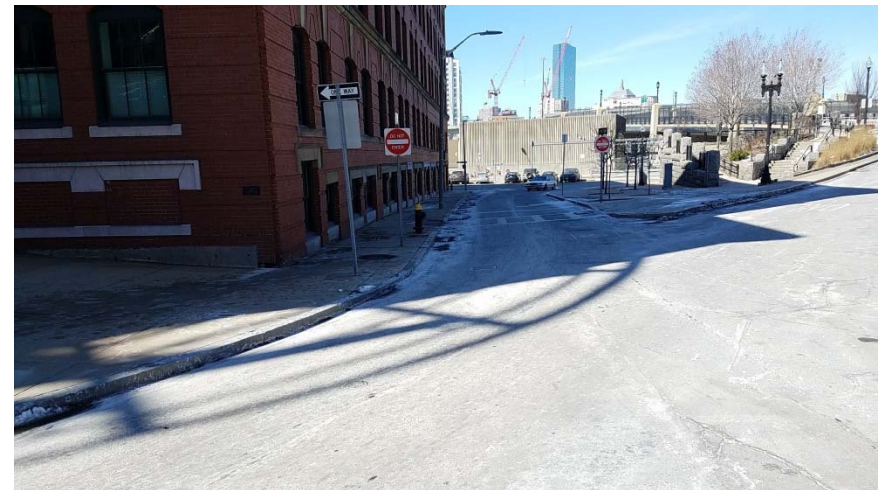
# Existing Issues (cont.)

- Deficient Bicycle Accommodation



# Existing Issues (cont.)

- Deficient Safety



## Existing Issues (cont.)

- Deficient Connectivity and Accessibility Between the Backbay and South Boston and the Waterfront



# Project Goals

- **Deficient Pedestrian Accommodation** | Improve Pedestrian Accommodation
- **Deficient Bicycle Accommodation** | Improve Bicycle Accommodation
- **Deficient Safety** | Improve Safety
- **Deficient Connectivity** | Connect to the Existing South Bay Harbor Trail at Gillette Property

# Project Scope

- Construct expanded ramps at roadway intersections and other necessary locations
- Construct a separated bicycle path parallel to the existing sidewalk along Frontage Street NB
- Re-stripe the West 4th Street Bridge to include a buffered bicycle lane in the westbound direction and a designated bicycle lane in the eastbound direction
- Re-stripe the Broadway Bridge to include a buffered bicycle lane in the eastbound direction
- Re-stripe Dorchester Avenue between the Broadway Bridge and the Fort Point Channel to include buffered bicycle lanes in each direction and between the West 4th Street Bridge and the Broadway Bridge to include buffered bicycle lanes in the southbound direction
- Reconstruct Foundry Street between Dorchester Avenue and Greenbaum Street to narrow the travel lane and include a cycle-track at-grade with the sidewalk.
- Add safety features, including lighting, as needed

# Project Schedule

**25%75% Design  
Submittal  
March 2017**

**100% Design Submittal  
June 2017**

**Design Public Hearing  
Date**

**Construction Starts  
March 2018**





**How will traffic  
be affected?**





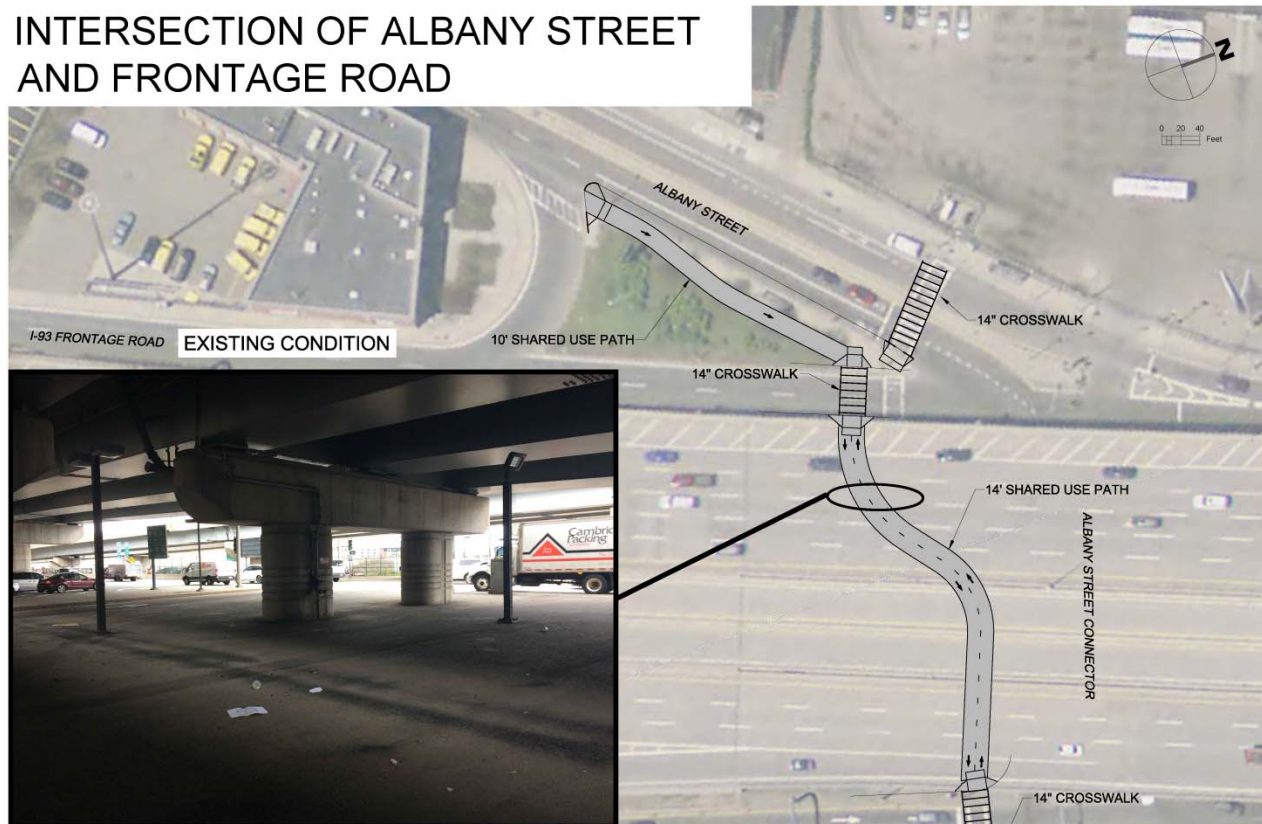
# **ALERT: Traffic Impacts**

- **Lane closures will be required on the West 4<sup>th</sup> Street bridge and Broadway bridge as well as on Dorchester Avenue, Greenbaum Street and Foundry Street**
- **Alternative routes may be suggested at the West 4<sup>th</sup> Street bridge and Broadway bridge**



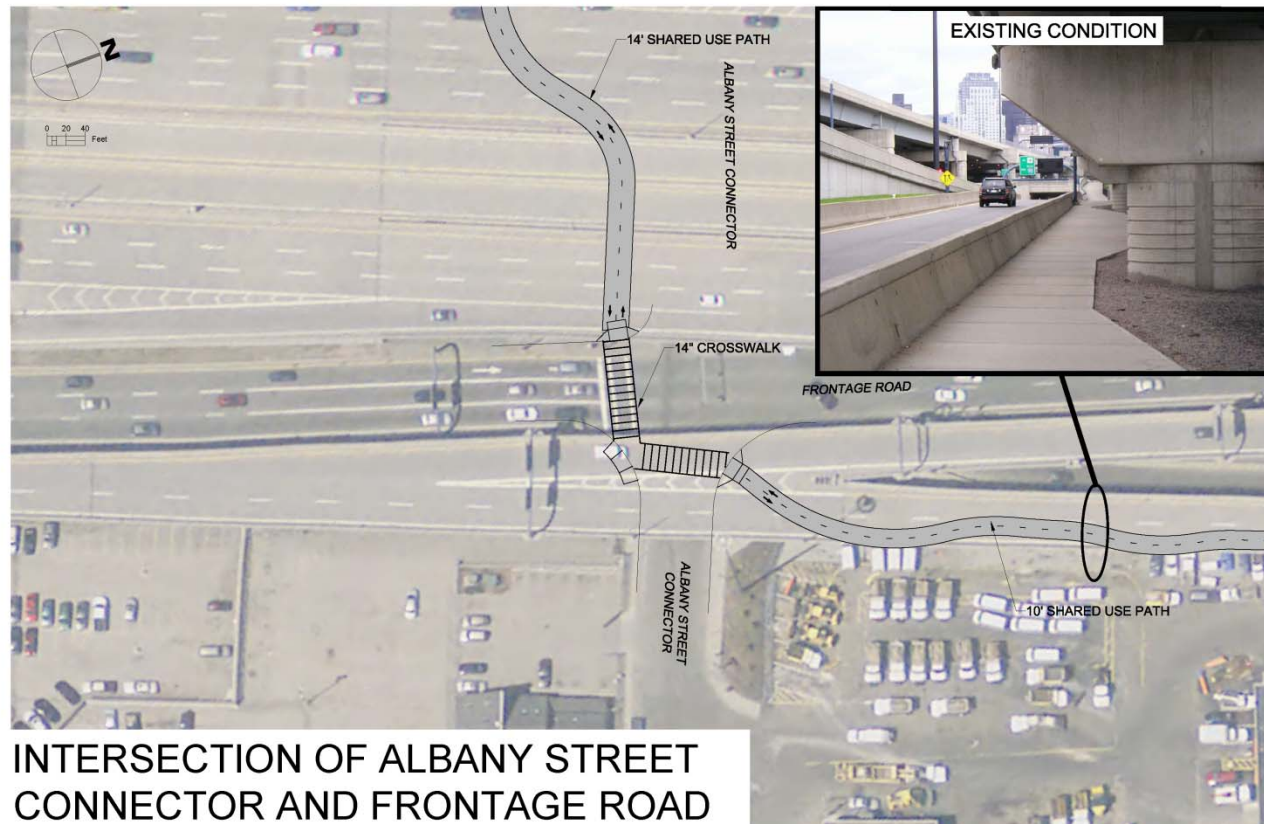
# Proposed Improvements

INTERSECTION OF ALBANY STREET  
AND FRONTAGE ROAD





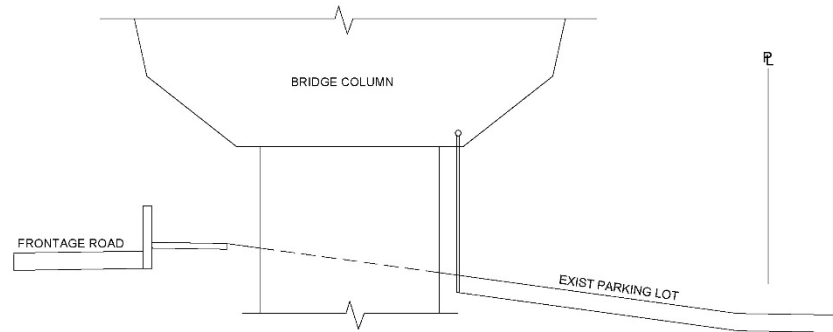
# Proposed Improvements



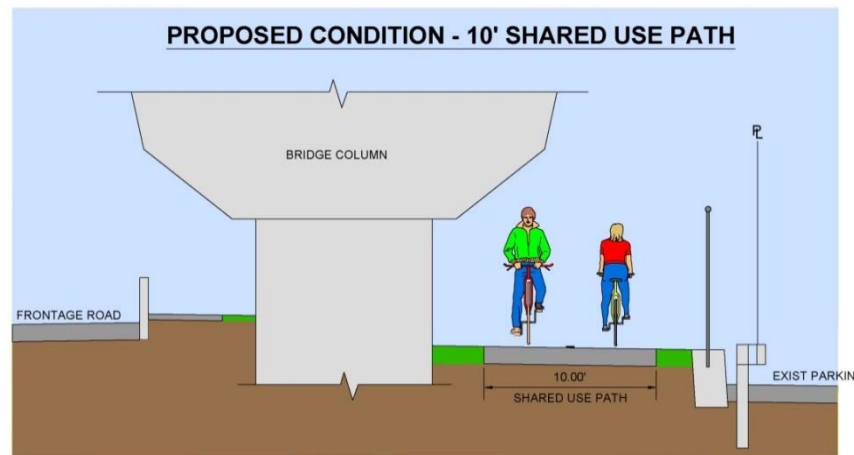


# Proposed Improvements

**EXISTING CONDITION - 10' SHARED USE PATH**

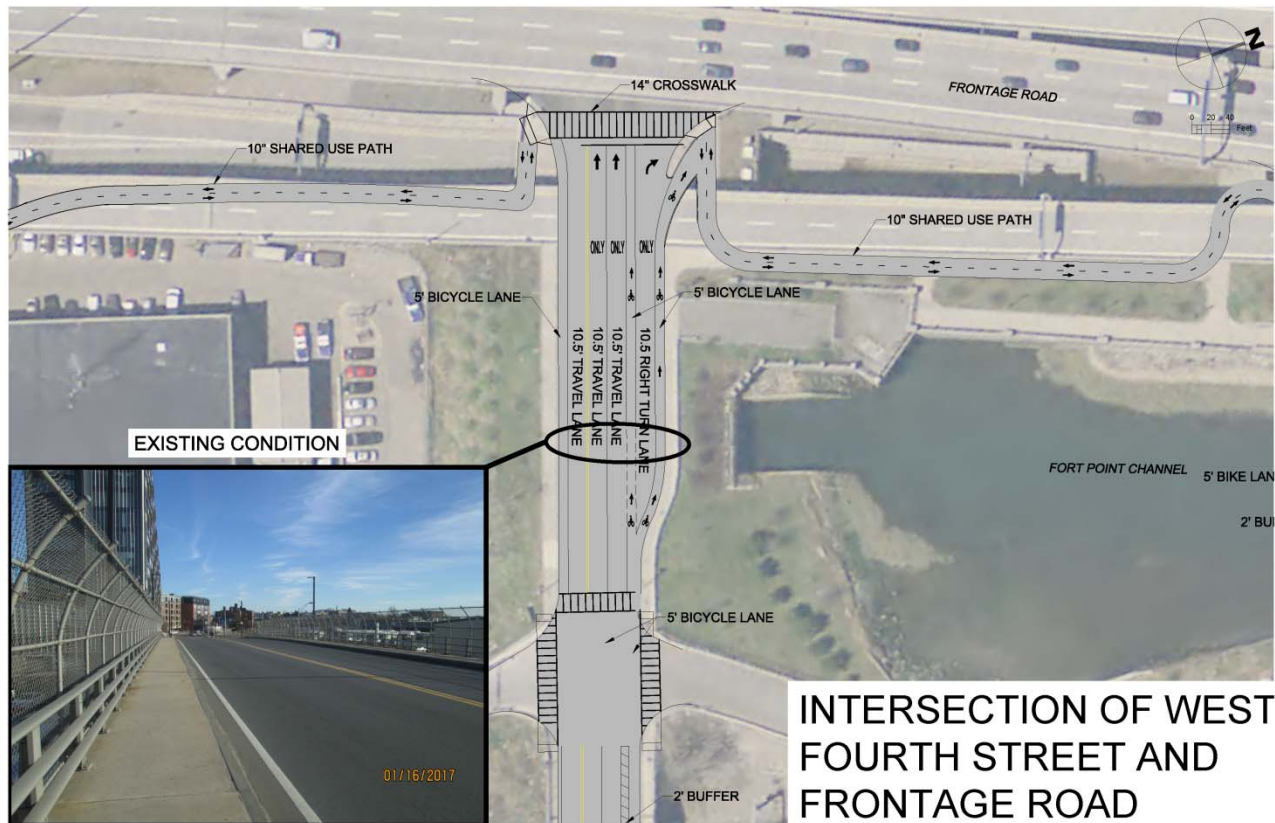


**PROPOSED CONDITION - 10' SHARED USE PATH**





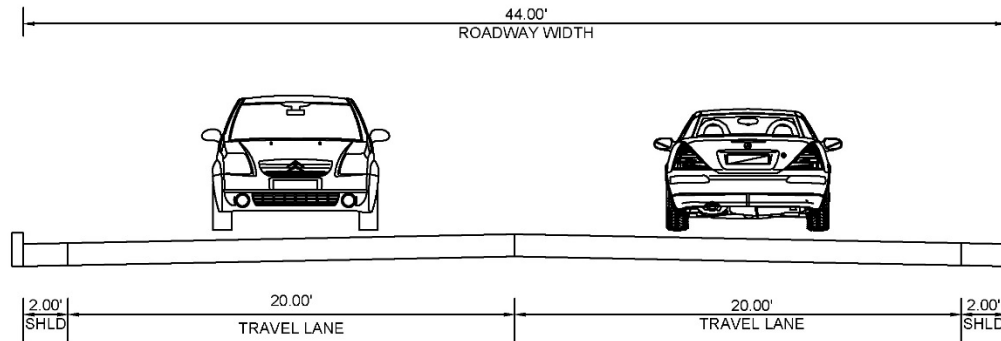
# Proposed Improvements



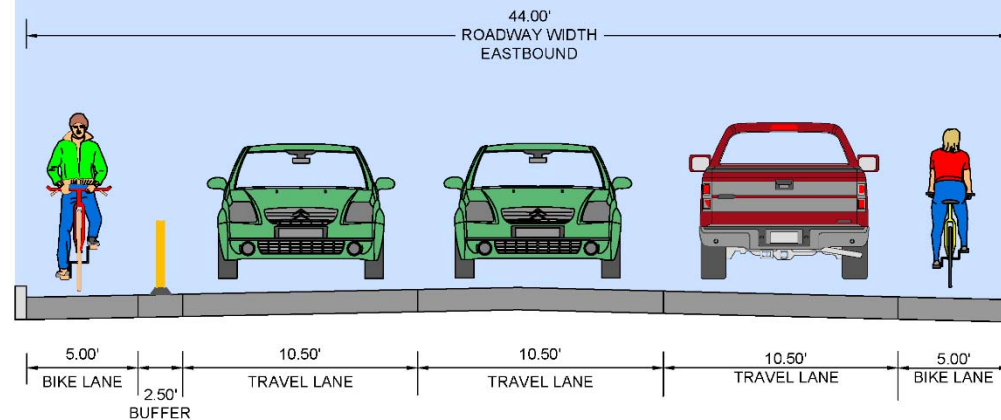


# Proposed Improvements

## EXISTING CONDITION - WEST FOURTH STREET BRIDGE

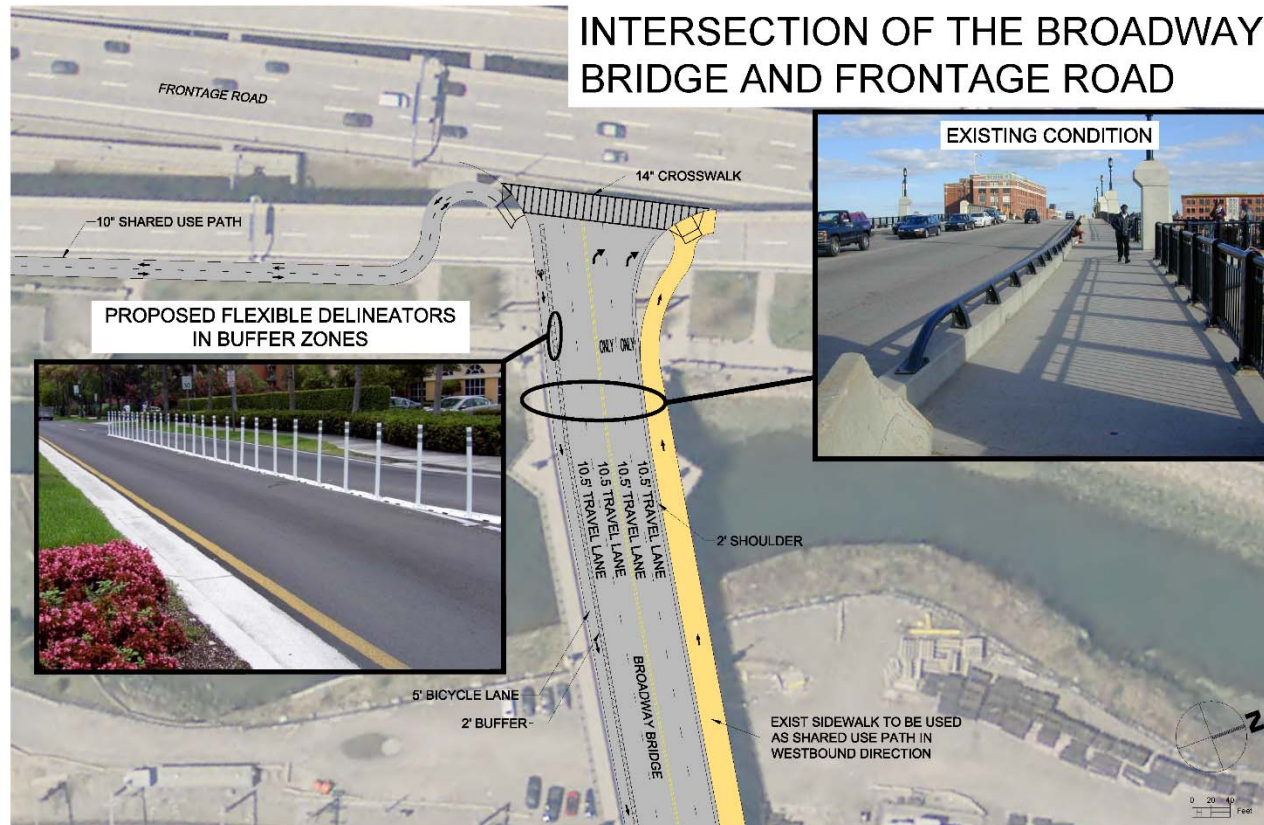


## PROPOSED CONDITION - WEST FOURTH STREET BRIDGE





# Proposed Improvements

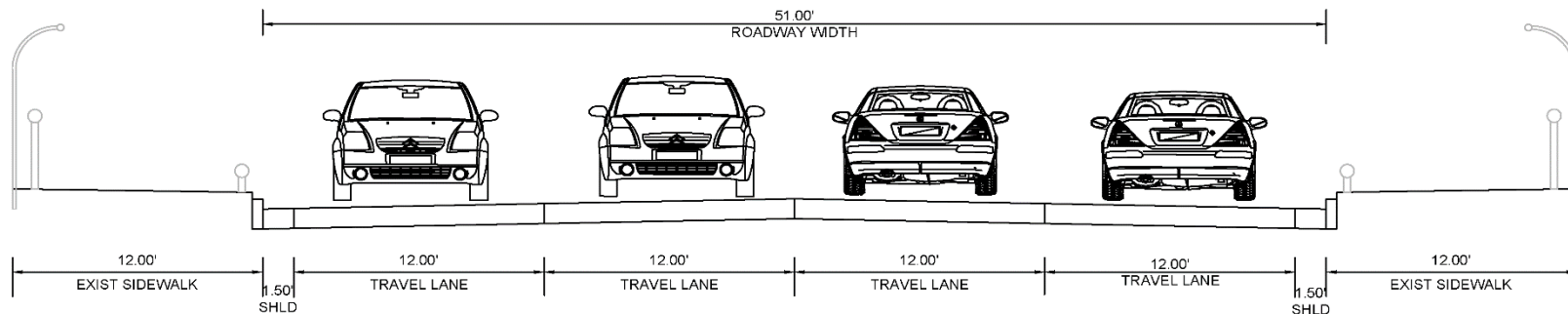




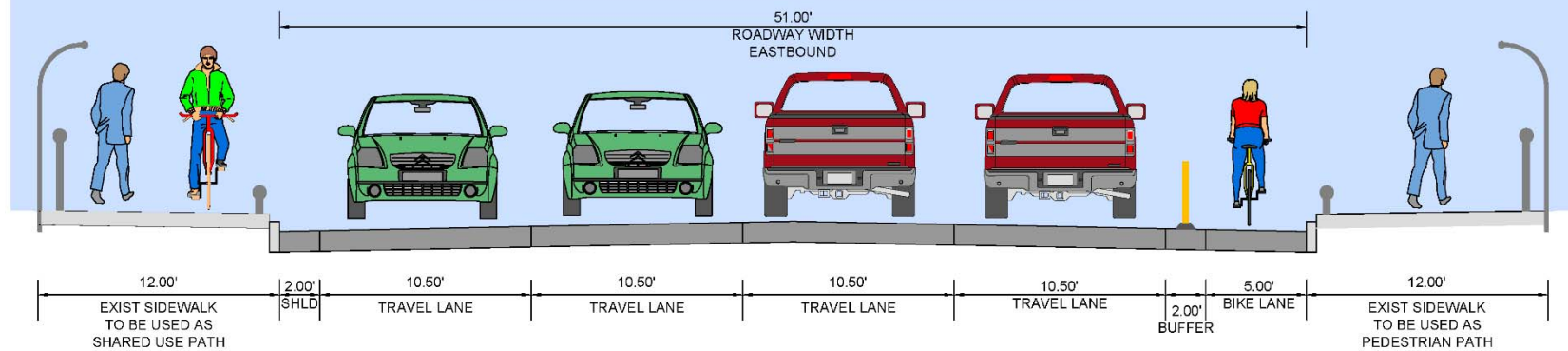


# Proposed Improvements

## EXISTING CONDITION - BROADWAY BRIDGE

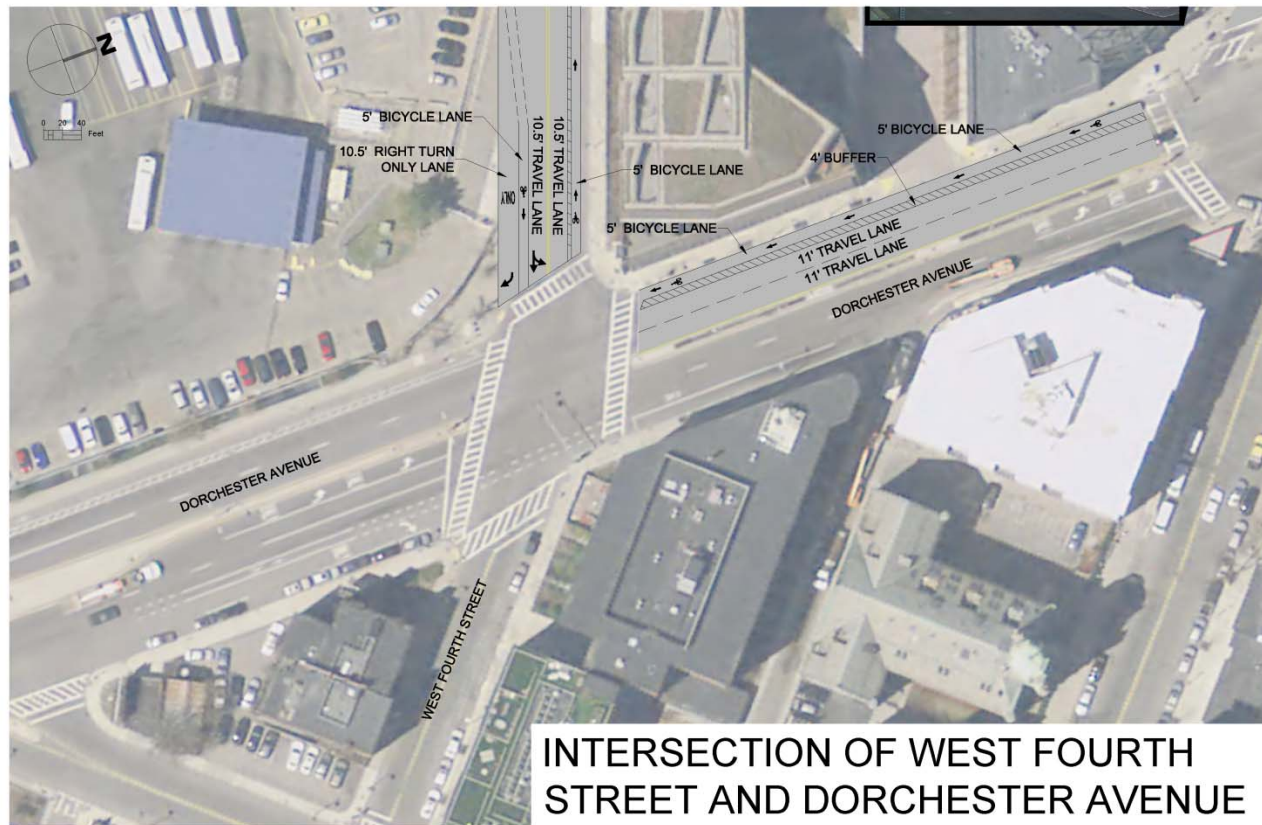


## PROPOSED CONDITION - BROADWAY BRIDGE



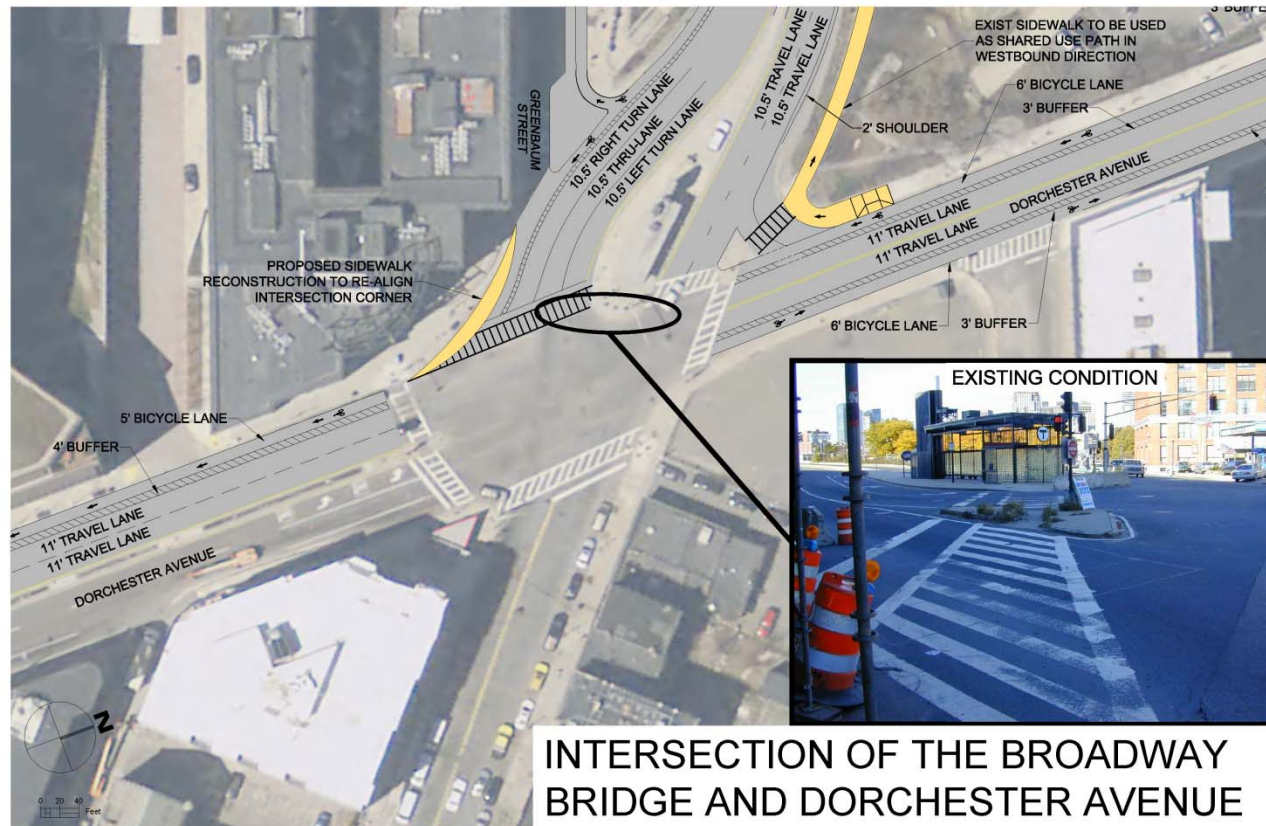


# Proposed Improvements





# Proposed Improvements

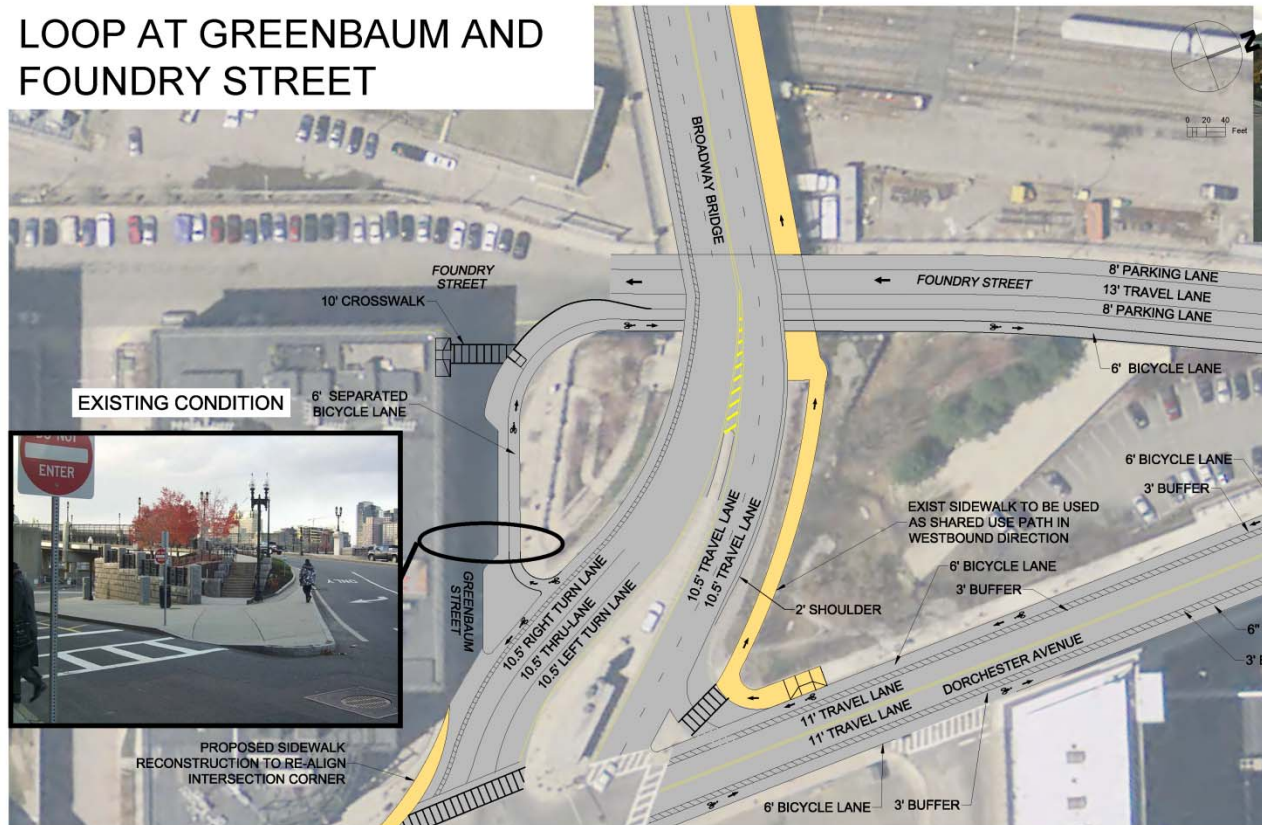


INTERSECTION OF THE BROADWAY BRIDGE AND DORCHESTER AVENUE



# Proposed Improvements

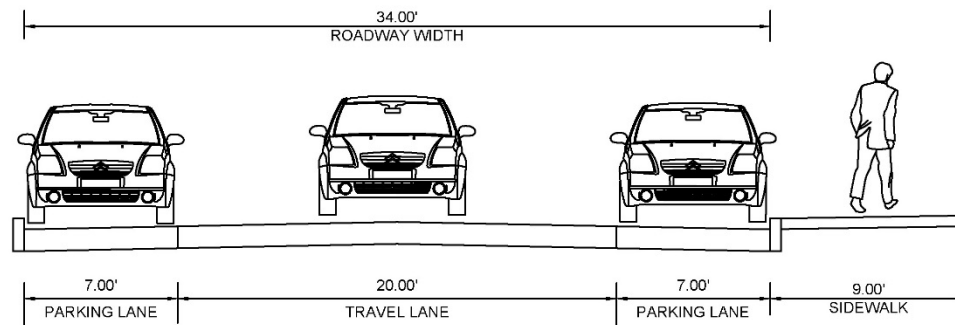
## LOOP AT GREENBAUM AND FOUNDRY STREET



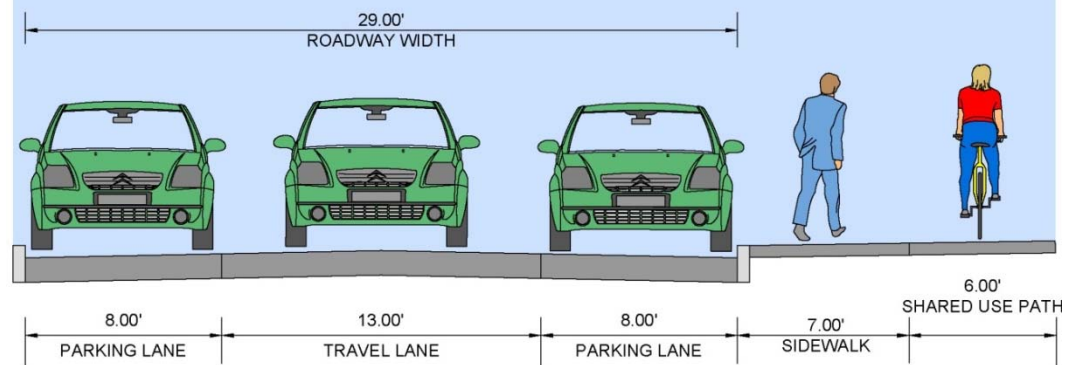


# Proposed Improvements

## EXISTING CONDITION - FOUNDRY STREET

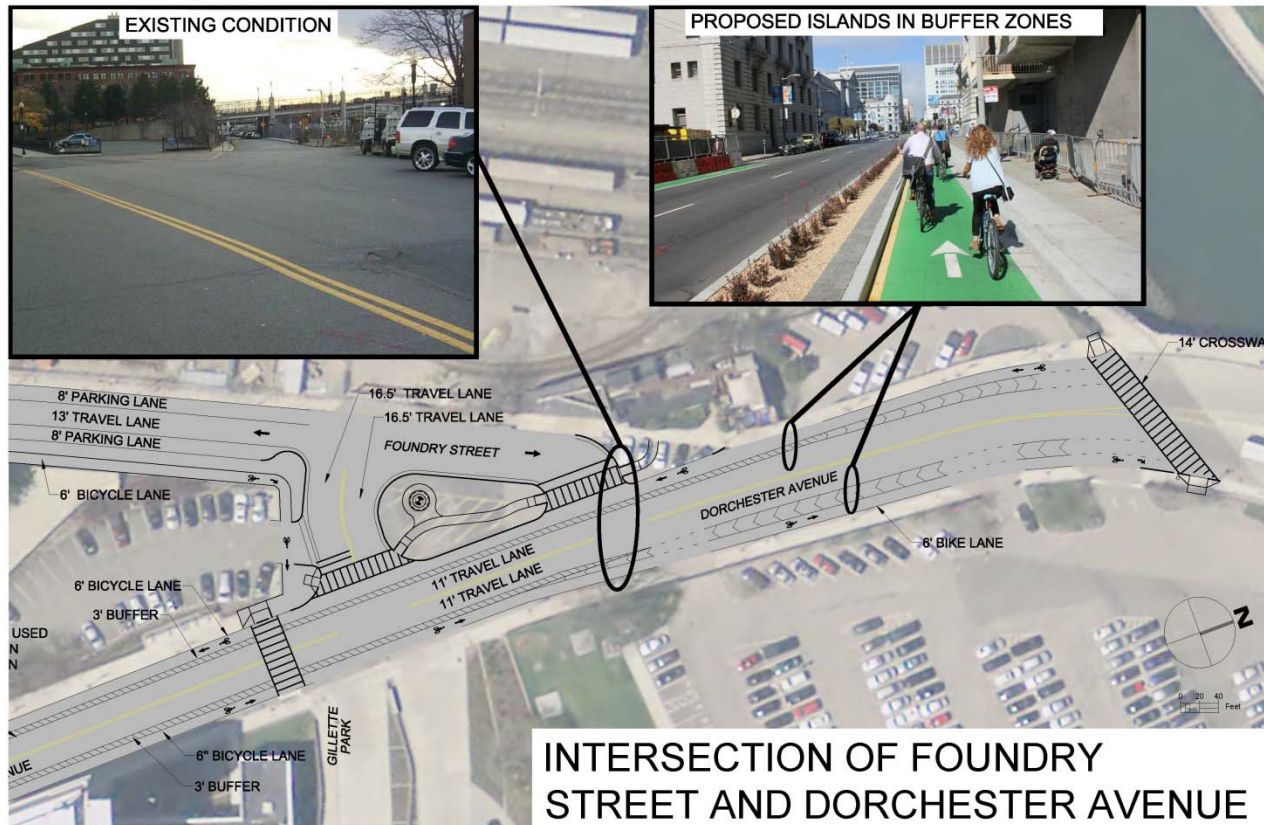


## PROPOSED CONDITION - FOUNDRY STREET





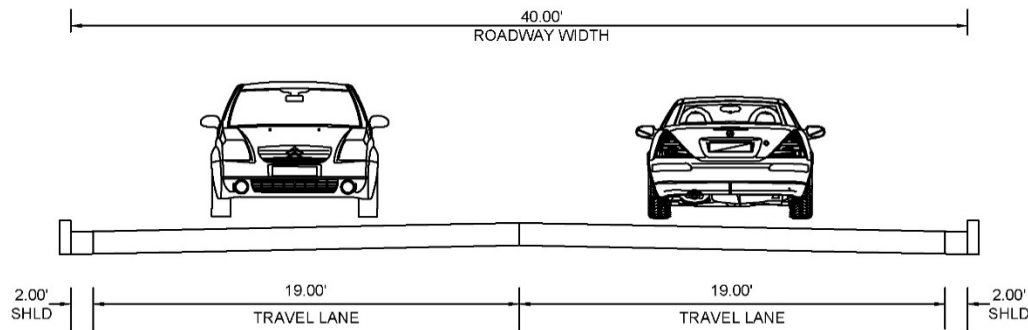
# Proposed Improvements



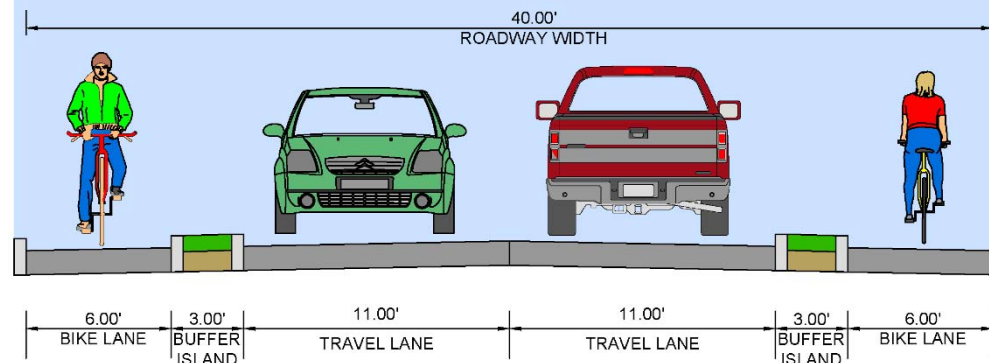


# Proposed Improvements

## EXISTING CONDITION - DORCHESTER AVENUE FROM BROADWAY TO FOUNDRY STREET



## PROPOSED CONDITION - DORCHESTER AVENUE FROM BROADWAY TO FOUNDRY STREET





# Proposed Improvements

## SIGN TYPES – IDENTIFICATION/INFORMATION

### IDENTIFICATION/INFORMATION



PRIMARY TRAIL ID

**FUNCTION**

- trail identifier
- landmark

**FEATURES**

- logo
- dash-in stories
- surface engravings on pavement

**LOCATIONS**

- main thoroughfares/significant points of interest

**DESIGN CONSIDERATIONS**

- minimal use to make them special
- only utilize buoys with lights
- integrate specific buoy history into story; for example, its alert purpose, original location, etc.
- integration into surrounding area; for example, painted surrounding water, found objects



SECONDARY TRAIL ID

**FUNCTION**

- trail identifier
- information, interpretation & storytelling

**FEATURES**

- logo
- trail map/direction/distance
- points of interest specific to the neighborhood
- printed stories
- harbor frame integrated into structure
- boardwalk enhances the harbor experience

**LOCATIONS**

- main intersections/significant points of interest



TERTIARY TRAIL ID (pavement)

**FUNCTION**

- trail identifier
- direct pedestrians and bikers through intersections and decision points

**FEATURES**

- logo

**LOCATIONS**

- imprinted on pavement

## SIGN TYPES – DIRECTION

### DIRECTION



TRAIL DIRECTION

**FUNCTION**

- direction & distance marker

**FEATURES**

- trail direction and distance

**LOCATIONS**

- intersections
- adjacent neighborhoods leading to trail



BICYCLE DIRECTION (pavement)

**FUNCTION**

- movement/directional information for bicycles

**FEATURES**

- use color as directional orientation element; blue signs in the direction of Fan Pier and green signs in the direction of Ruggles

**LOCATIONS**

- imprinted on pavement



PEDESTRIAN DIRECTION (pavement)

**FUNCTION**

- movement/directional information for pedestrians

**FEATURES**

- use color as directional orientation element; blue signs in the direction of Fan Pier and green signs in the direction of Ruggles

**LOCATIONS**

- imprinted on pavement



# Environmental Permitting



- Chapter 91 – Minor Modification to previous license (Central Artery)
- Request for Determination of Applicability (RDA) due to impacts to Land Subject to Coastal Storm Flowage
- Consistency review from Office of Coastal Zone Management

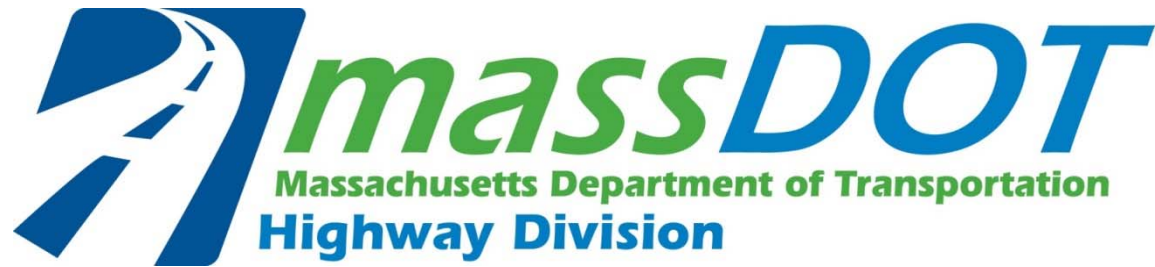
# Next Steps/Meeting

Public Information Meeting, Location, Date

# Contact Information



- Provide:
  - Mail-in comment sheets
  - Contact Person; [sreelatha.allam@state.ma.us](mailto:sreelatha.allam@state.ma.us), (857)368-9337
  - [www.massdot.state.ma.us](http://www.massdot.state.ma.us)



# Thank You

## Q&A

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## Go Boston 2030 Better Bike Corridors

### GO BOSTON 2030 BETTER BIKE CORRIDORS

Excerpted map showing South Bay Harbor Trail in context with other nearby priority projects



#### Boston Bike Network

Phase

— Priority Projects

— 15 Years

— Existing Bike Network

## Proposed SBHT Route in Context with Street Network

PROPOSED SBHT ROUTE IN CONTEXT WITH STREET NETWORK



# Existing Issues (cont.)

- Deficient Bicycle Accommodation





# Existing Issues (cont.)

- Deficient Safety

