



# I-90 ALLSTON INTERCHANGE

## A MULTIMODAL TRANSPORTATION PROJECT

### TASK FORCE MEETING

JANUARY 23, 2019 – FIORENTINO COMMUNITY CENTER

# Meeting Agenda

- **Welcome & Introductions**
- **Decision on Preferred Alternative and Next Steps**
- **Proposed Transit Improvement Graphics**
- **West Station “Flip” Concept**
- **CTPS Modeling Update**

# Meeting Agenda I

- Welcome & Introductions
- Decision on Preferred Alternative and Next Steps



# Preferred Alternative - Next Steps

- **Concept Advancement**
  - Location of SFR Viaduct
  - Preliminary Geometry
  - Structural Engineering
  - Visual Modeling
- **Agency Coordination/Consultation**
  - FHWA
  - MEPA
  - DCR
  - City of Boston & Cambridge
  - MBTA
  - Mass Historic Commission
  - MWRA
  - BWSC



# Preferred Alternative - Next Steps II

- **Utility Due Diligence (throat area)**
  - 60 inch BWSC Drain (Eastern Limit of Throat)
  - 64 inch MWRA Watermain (Midpoint of Throat)
  - 58x63 inch MWRA Sewer (Parallel to Throat between I-90 and SFR)
  - Stormwater Pump Station Relocation
- **Subsurface Exploration Program**
  - Comprehensive Program Underway
  - Includes 130 Borings and 70 Test Pits
  - Informs Engineering of Preferred Concept

# Preferred Alternative - Next Steps III

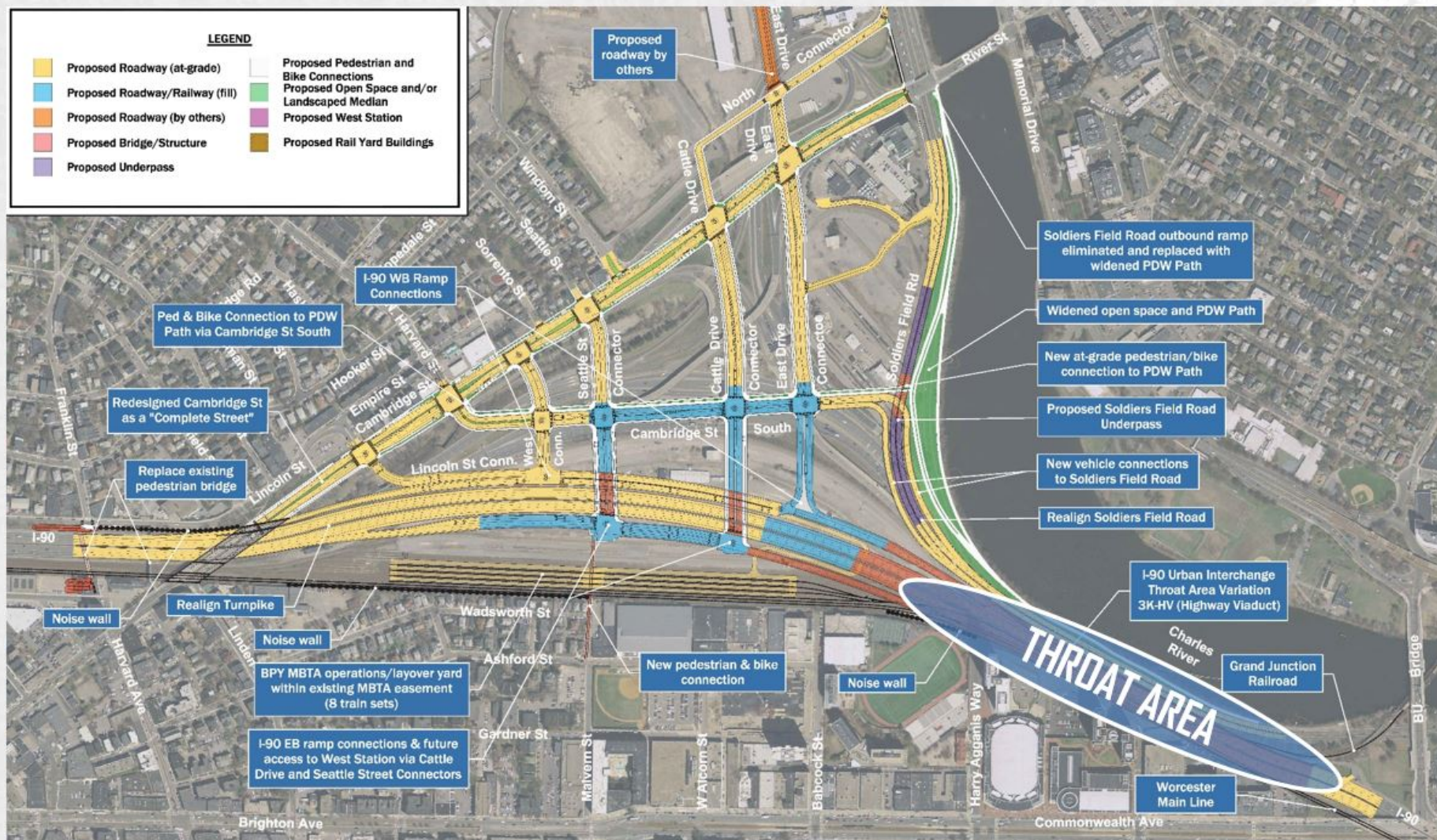
- **Advance Construction Staging**
  - Further Investigate PDW Path Impacts
  - Detail Rail Operations and Impacts – WML and Grand Junction Bridge
  - Maintaining Soldiers Field Road and I-90 Traffic
  - Integrate the Preferred Throat Area Concept into the Entire Project Staging
- **Phasing Investigations (W. Station)**
  - Integrate W. Station into an Earlier Build
  - Understand Impacts with Overall Interchange Construction
- **Continue Development Planning**
- **CTPS Modeling and follow on Studies (traffic, noise, air)**
- **Mitigation Commitments**
- **Finance Planning**
- **Continued Task Force Meetings**

# Meeting Agenda II

- Welcome & Introductions
- Decision on Preferred Alternative and Next Steps
- **Proposed Transit Improvement Graphics**

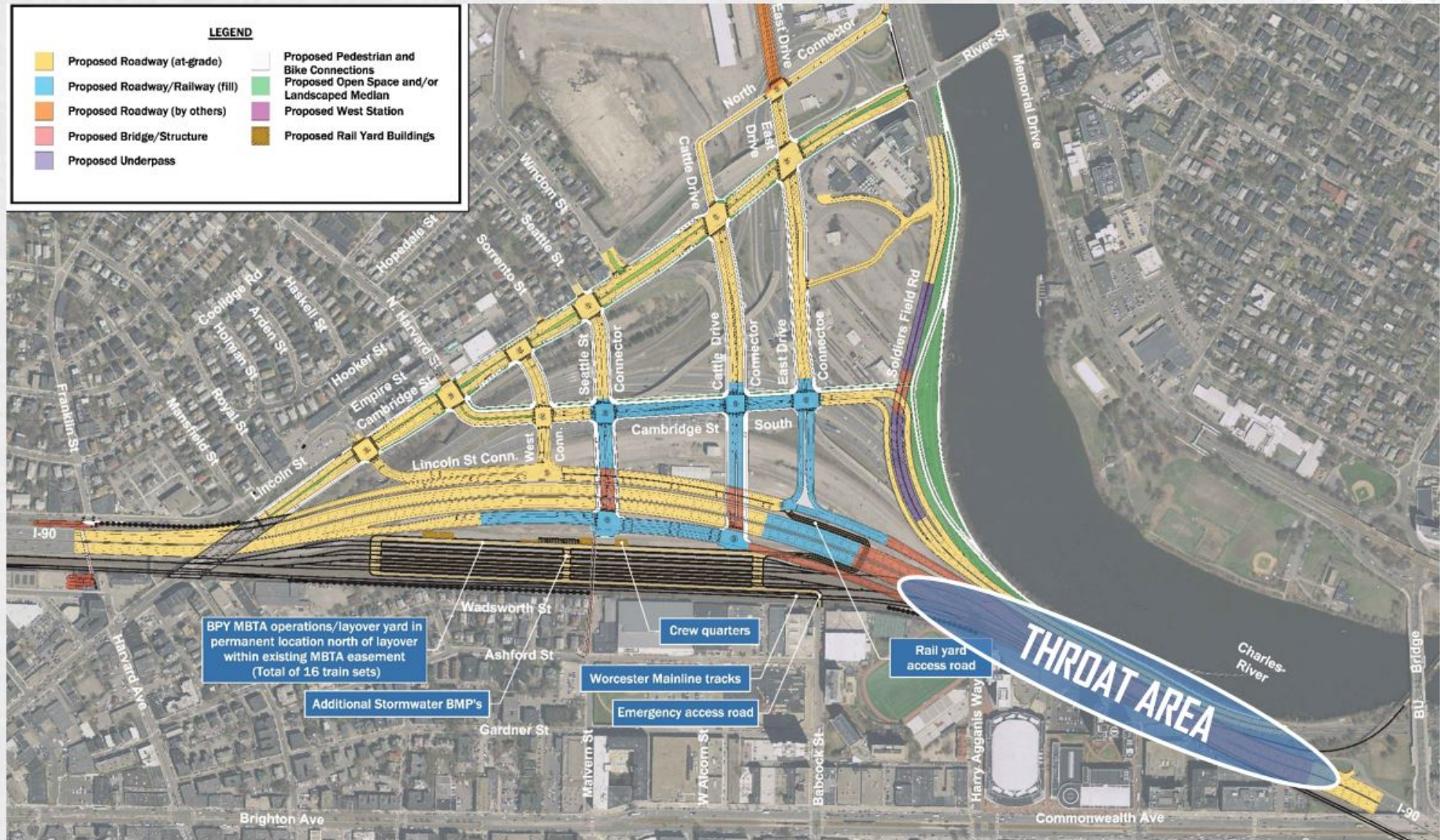


# Phase 1 - DEIR Preferred Urban Interchange Alternative 3K with Three "Throat Area" Variations





# Phase 2 - DEIR Preferred Urban Interchange Alternative 3K with Three "Throat Area" Variations



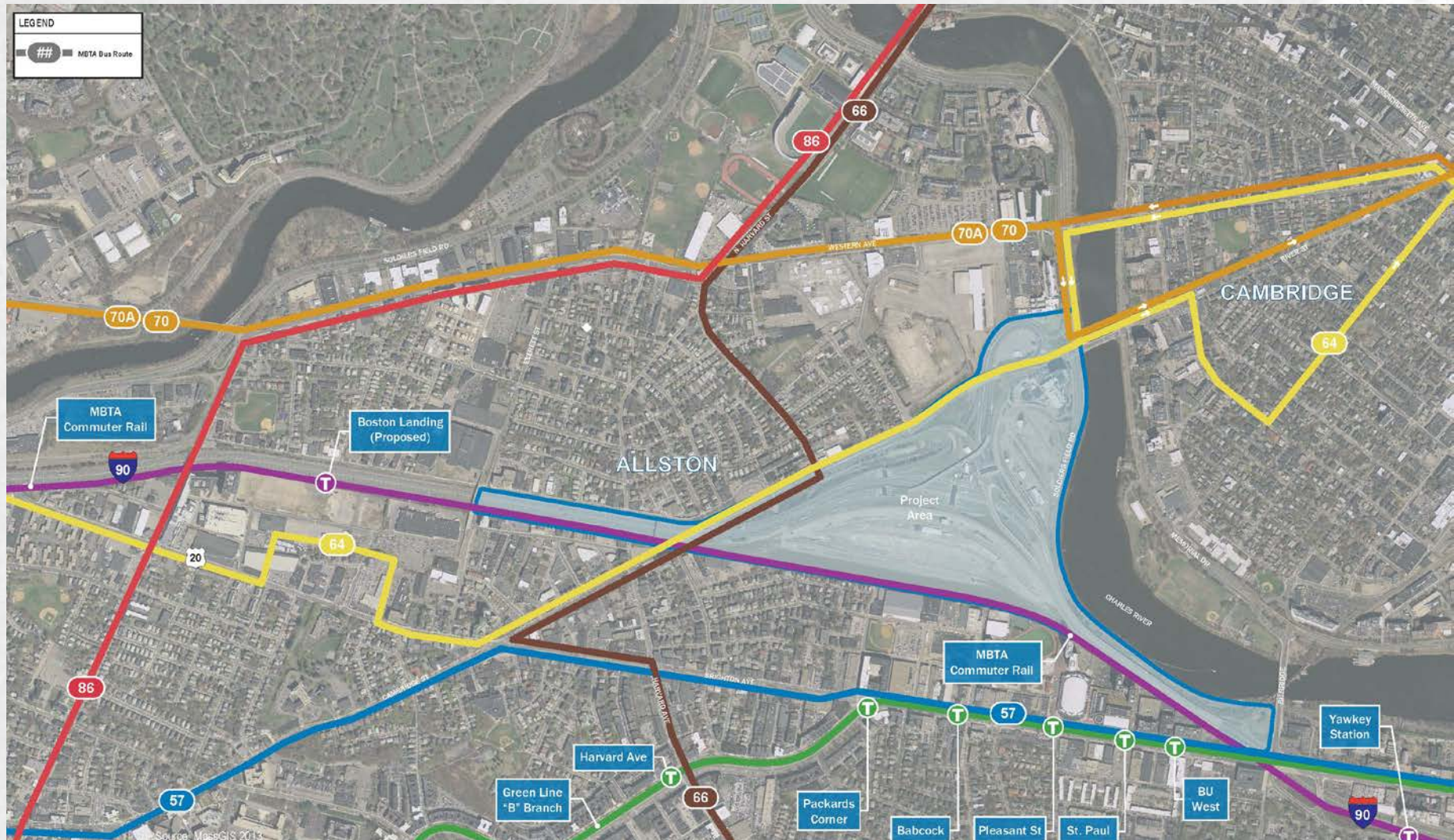


# Rail Yard, Worcester Main Line and MBTA Easement



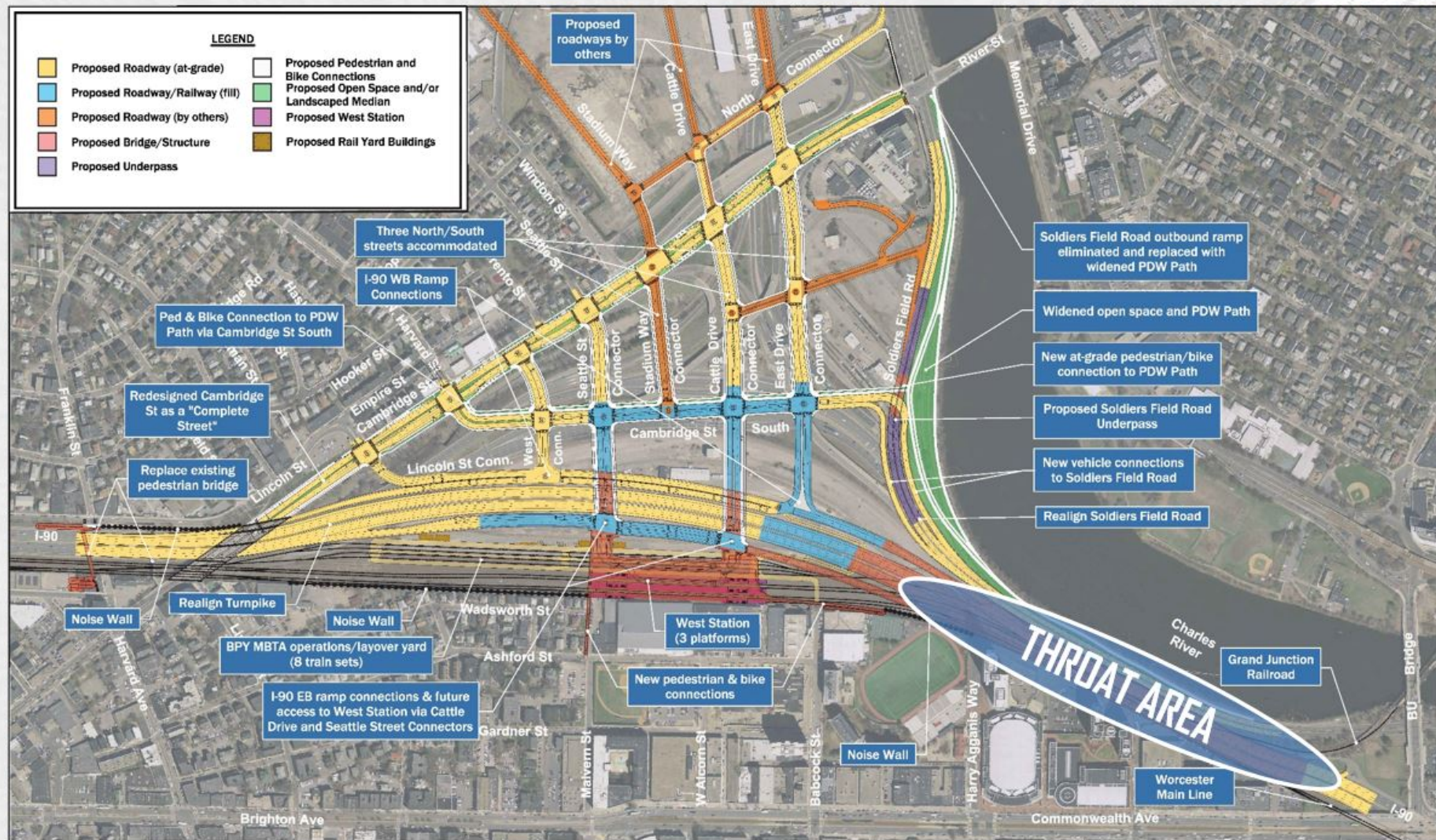


# Existing Transit Service in the Vicinity of the Project Area



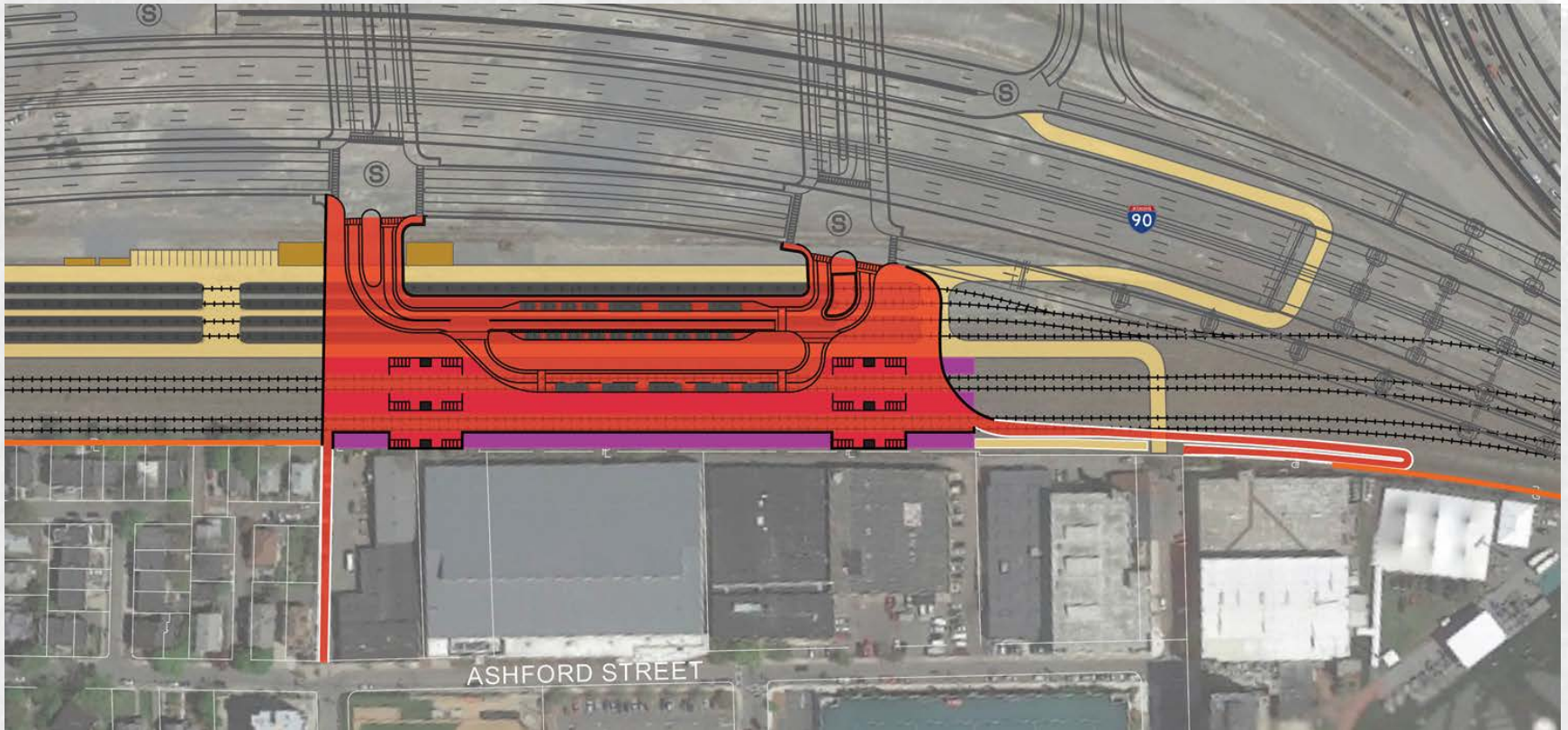


# 2040 Design Year - DEIR Preferred Urban Interchange Alternative 3K with Three "Throat Area" Variations



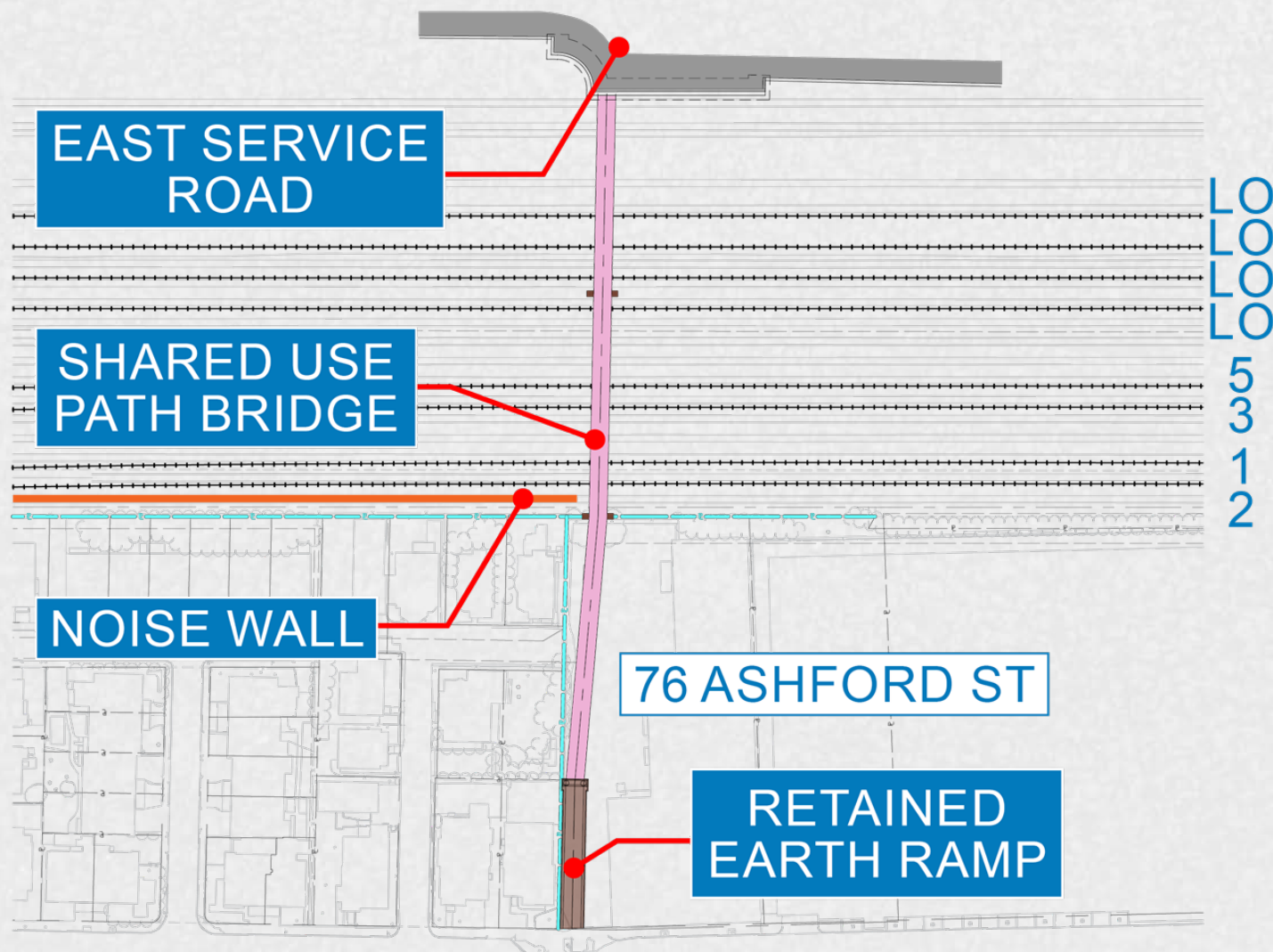


# DEIR West Station Plan with Ramps

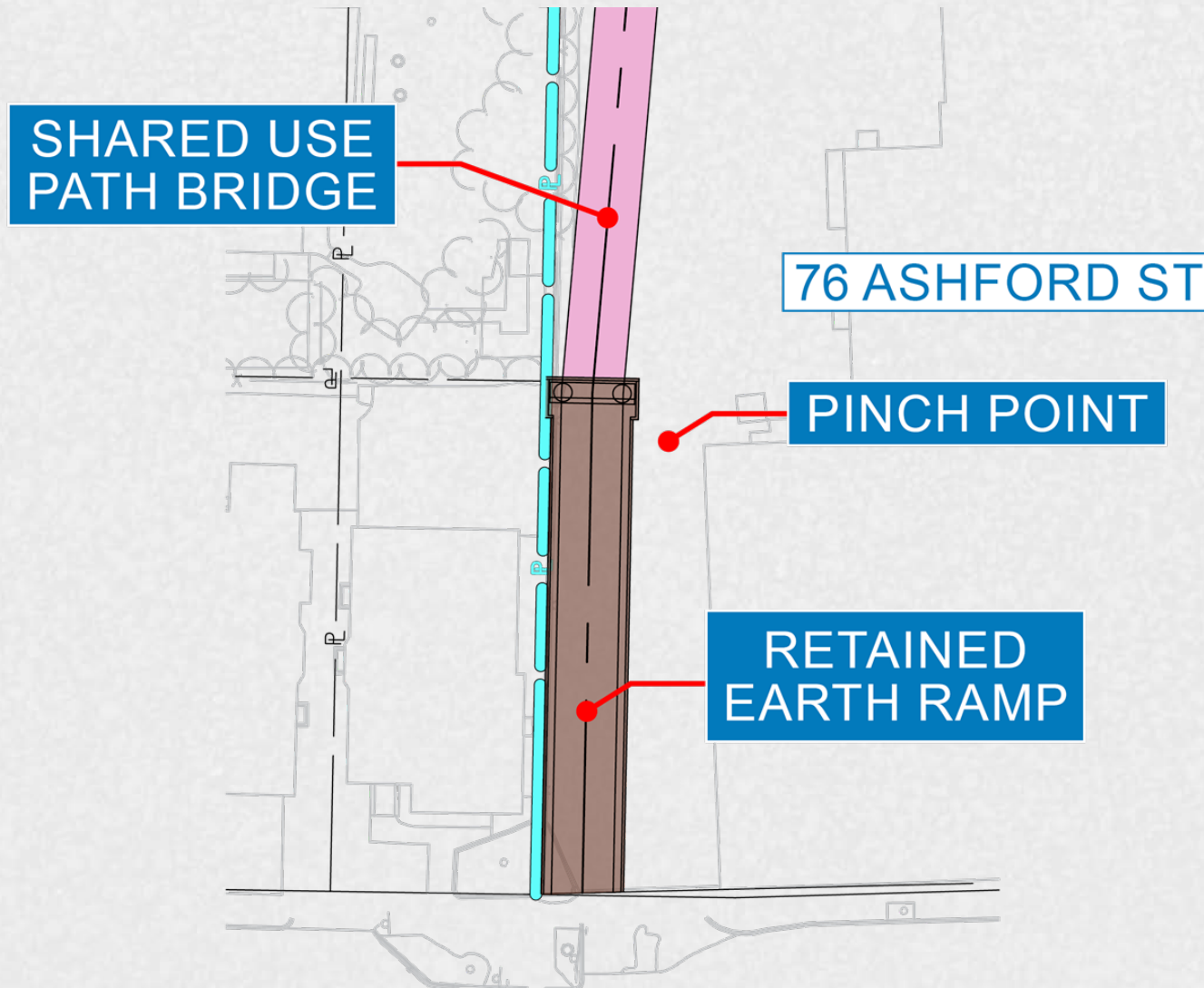




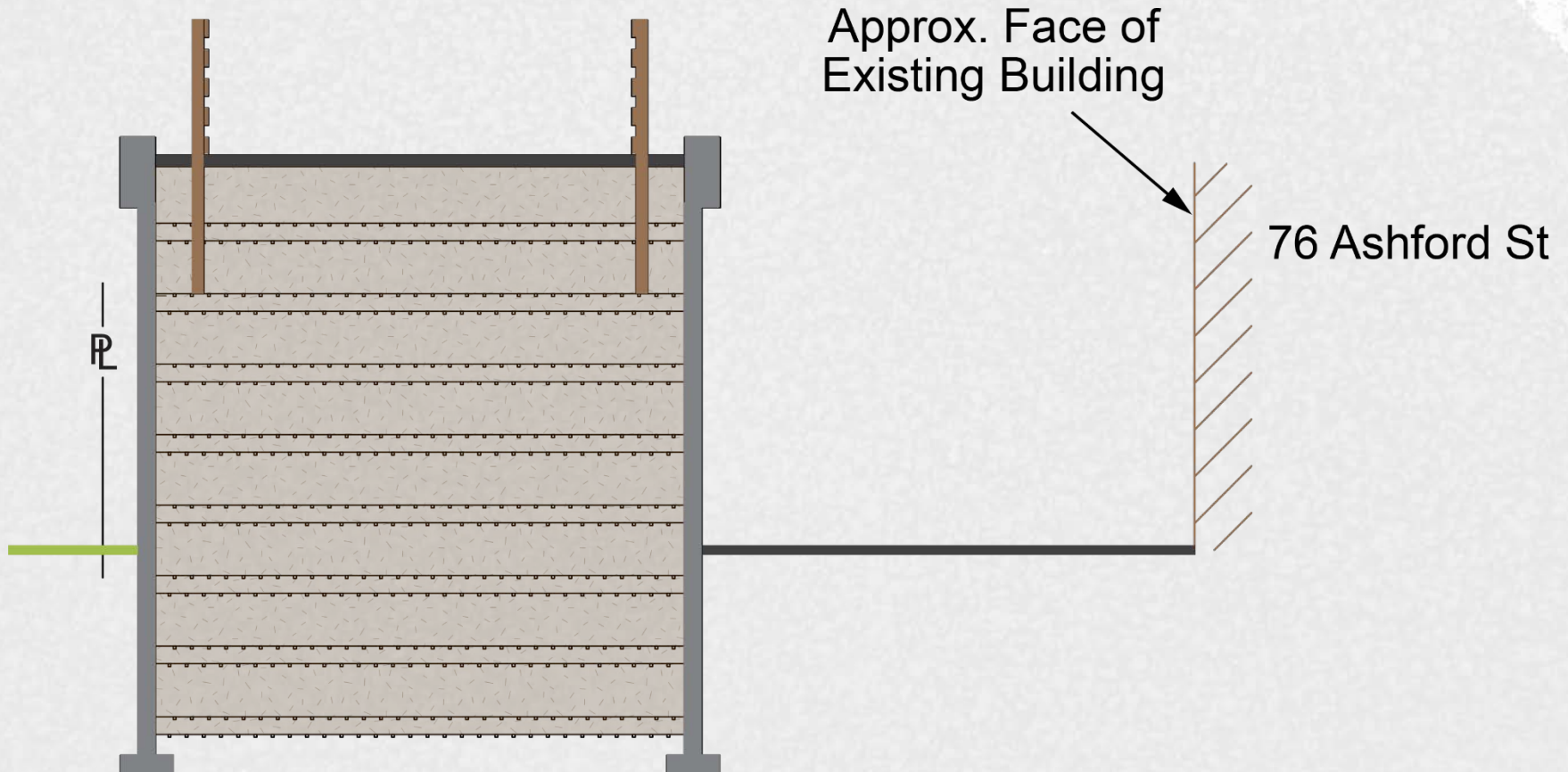
# Phase 1 Share-Use Path Plan



# Shared-Use Path thru 76 Ashford Driveway



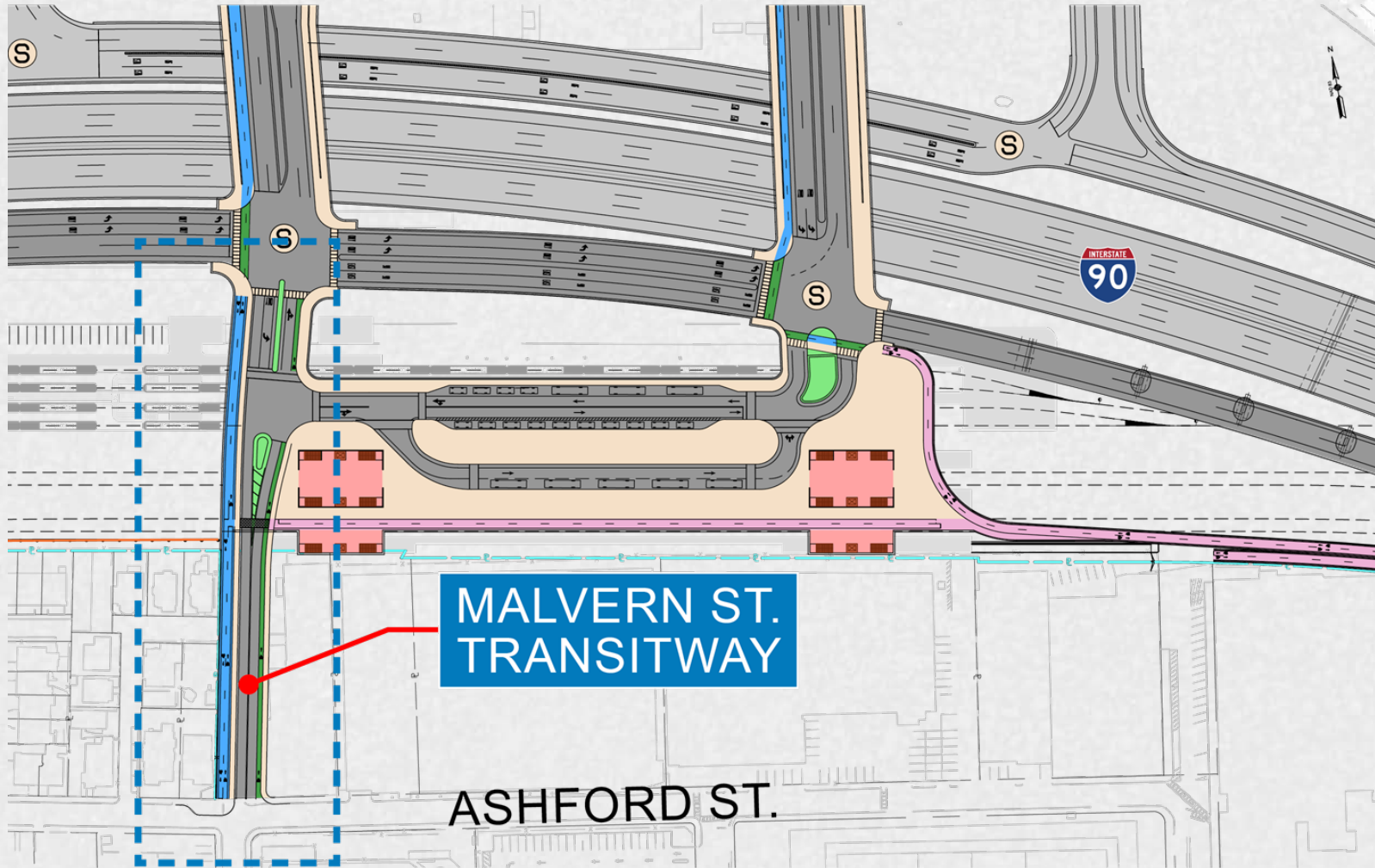
# Shared-Use Path at Pinch Point - Maximum



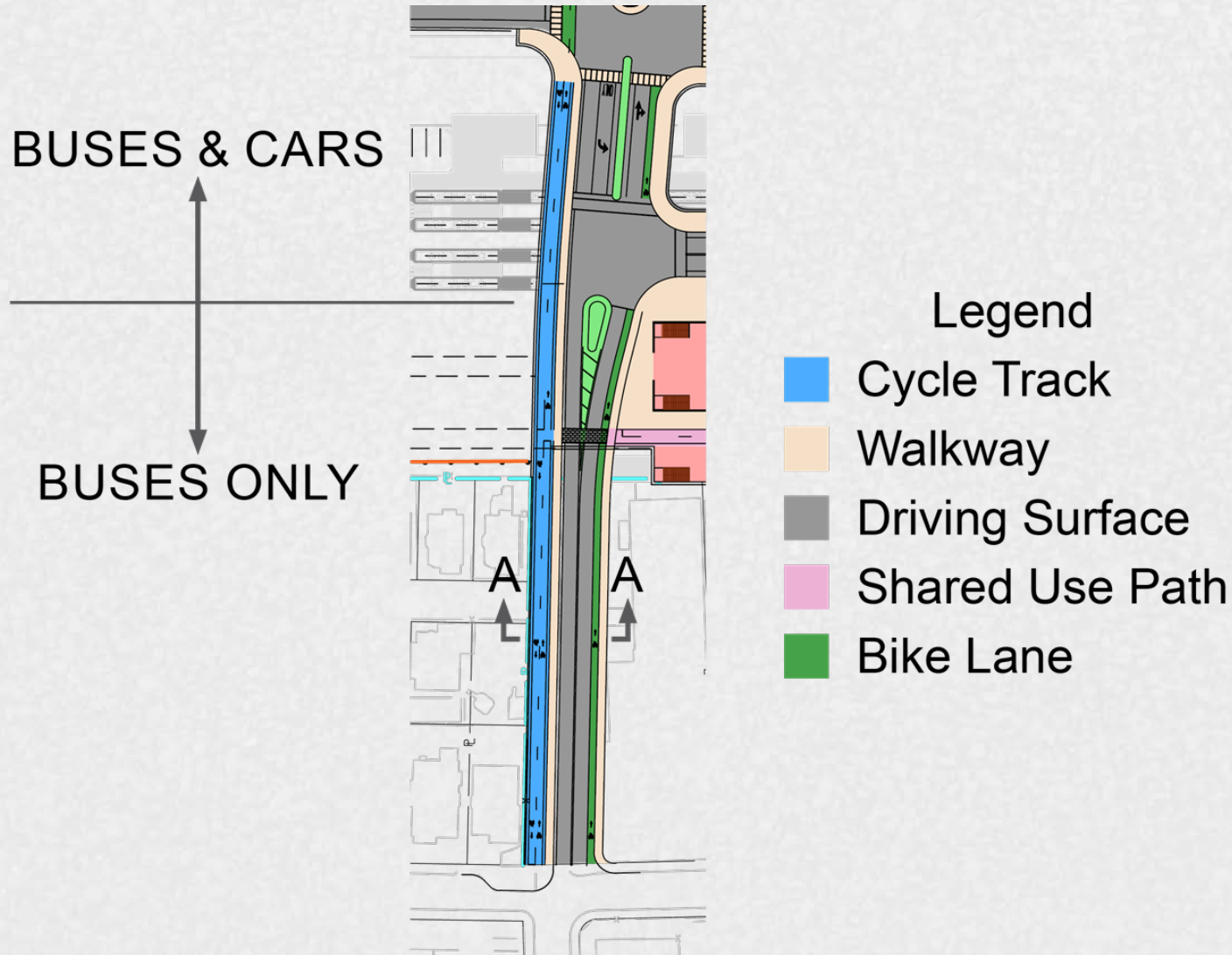




# Phase 2 - West Station with added Transitway

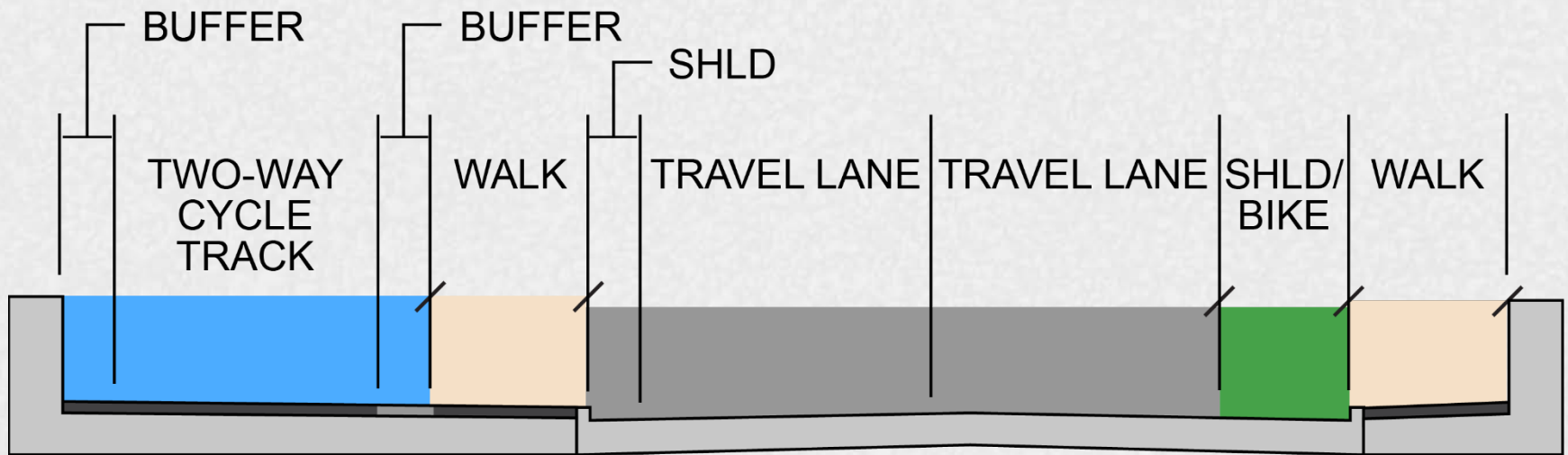


# Transitway Part Plan





# Transitway Section at 76 Ashford St



Section A-A  
Malvern Transitway

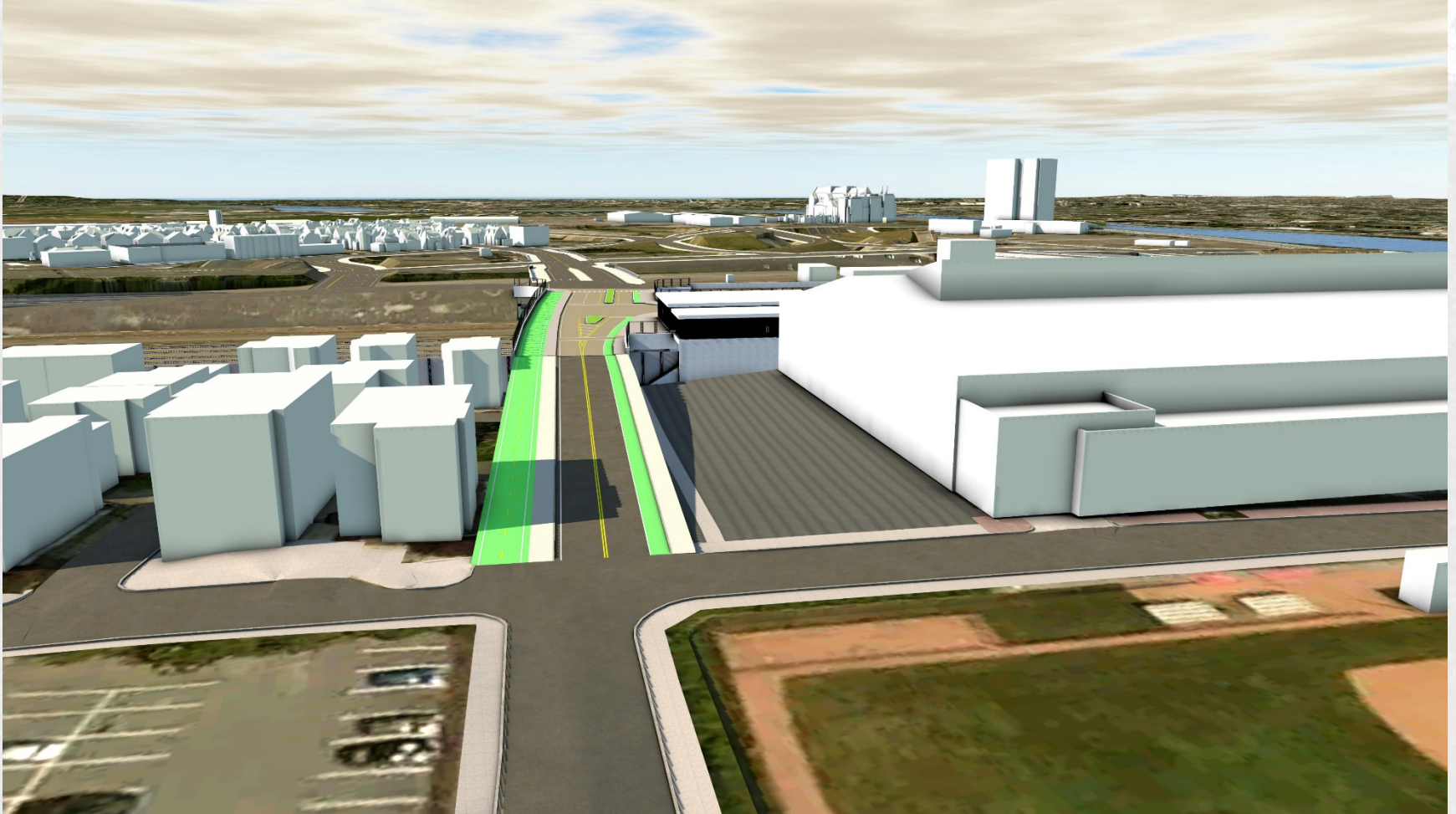


# Phase 2 Aerial with Transitway



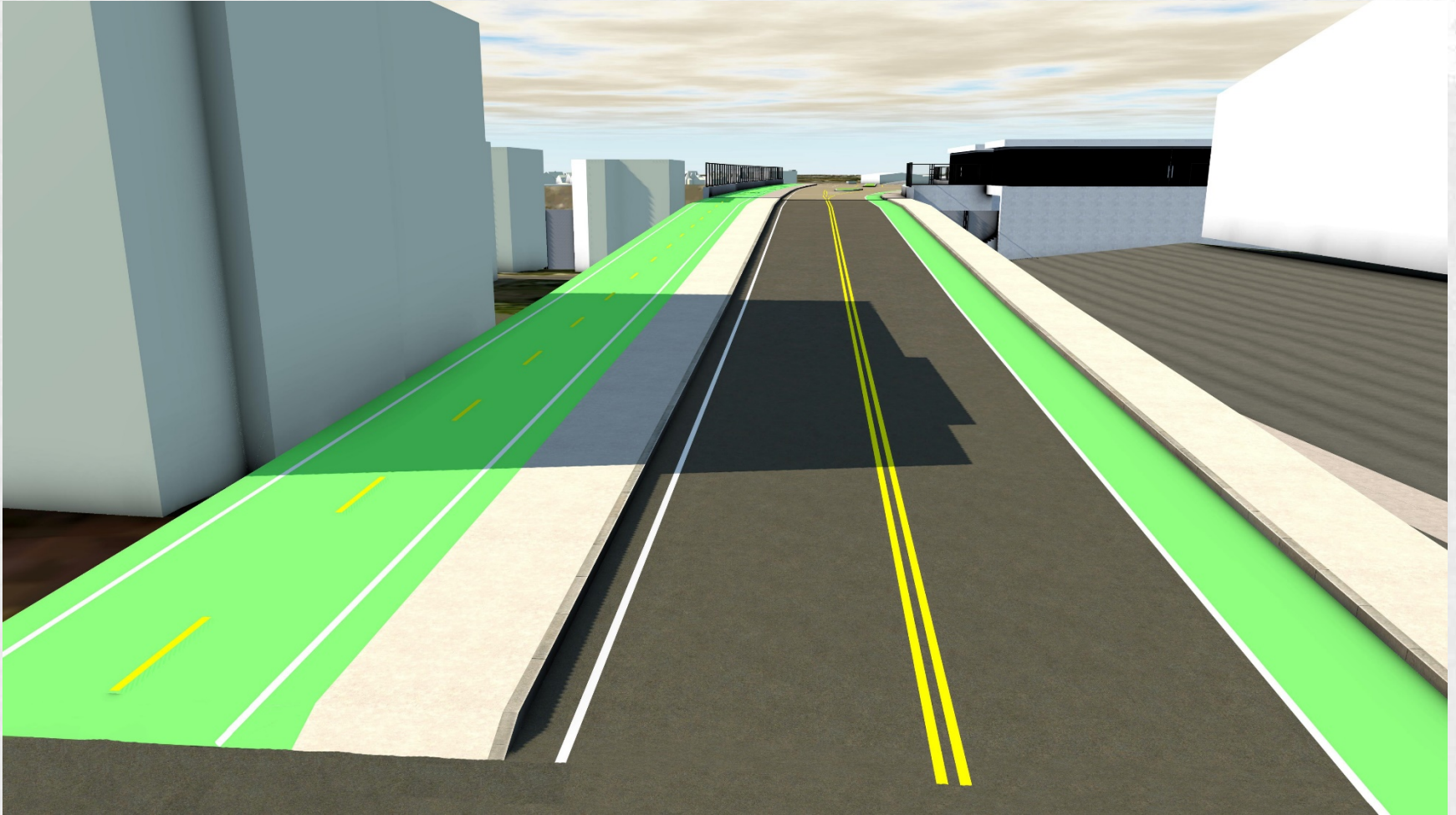


# Transitway Perspective

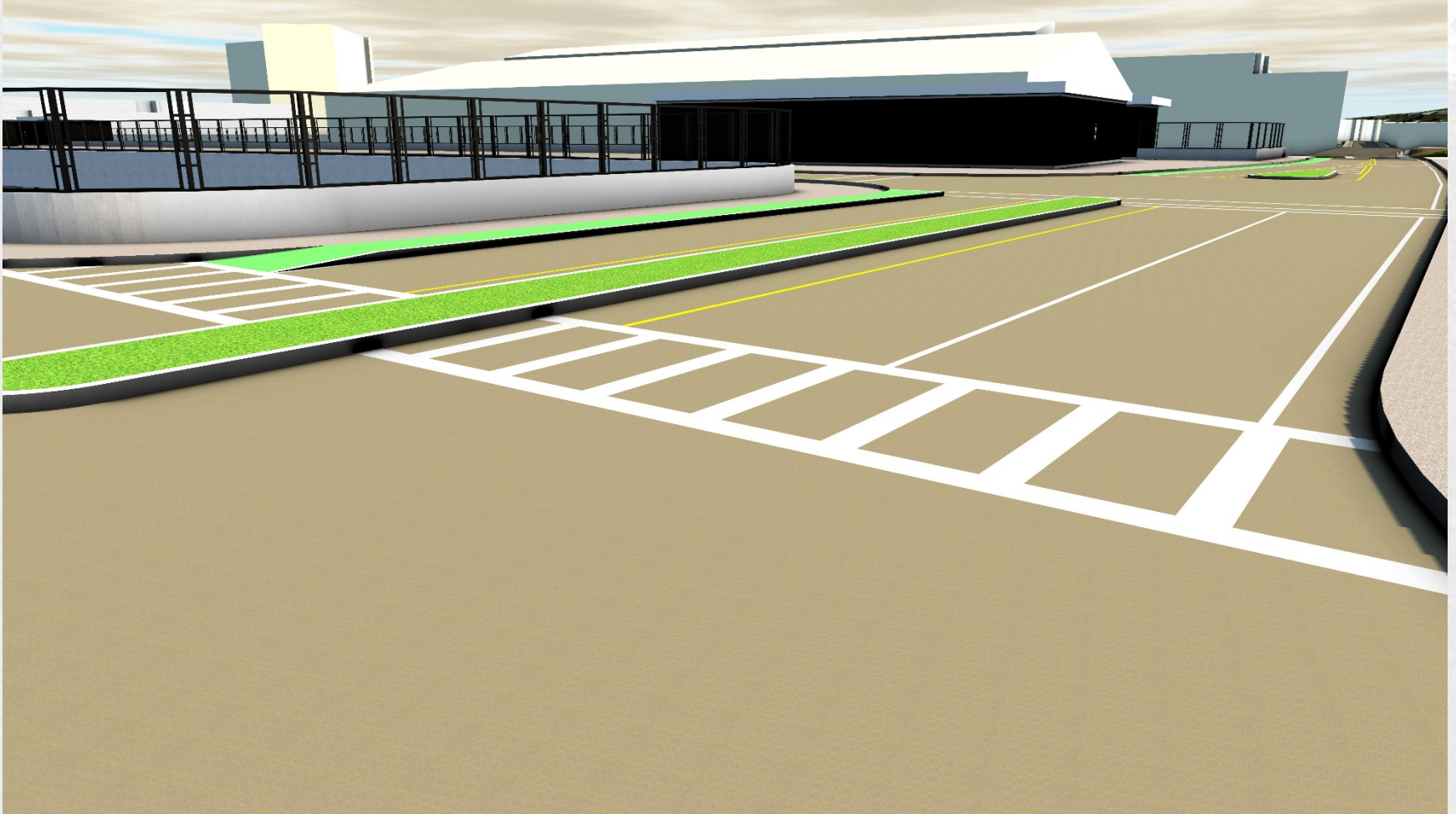




# Transitway from Ashford Street



# Southeasterly from Eastbound Service Road





# Northerly from Transitway

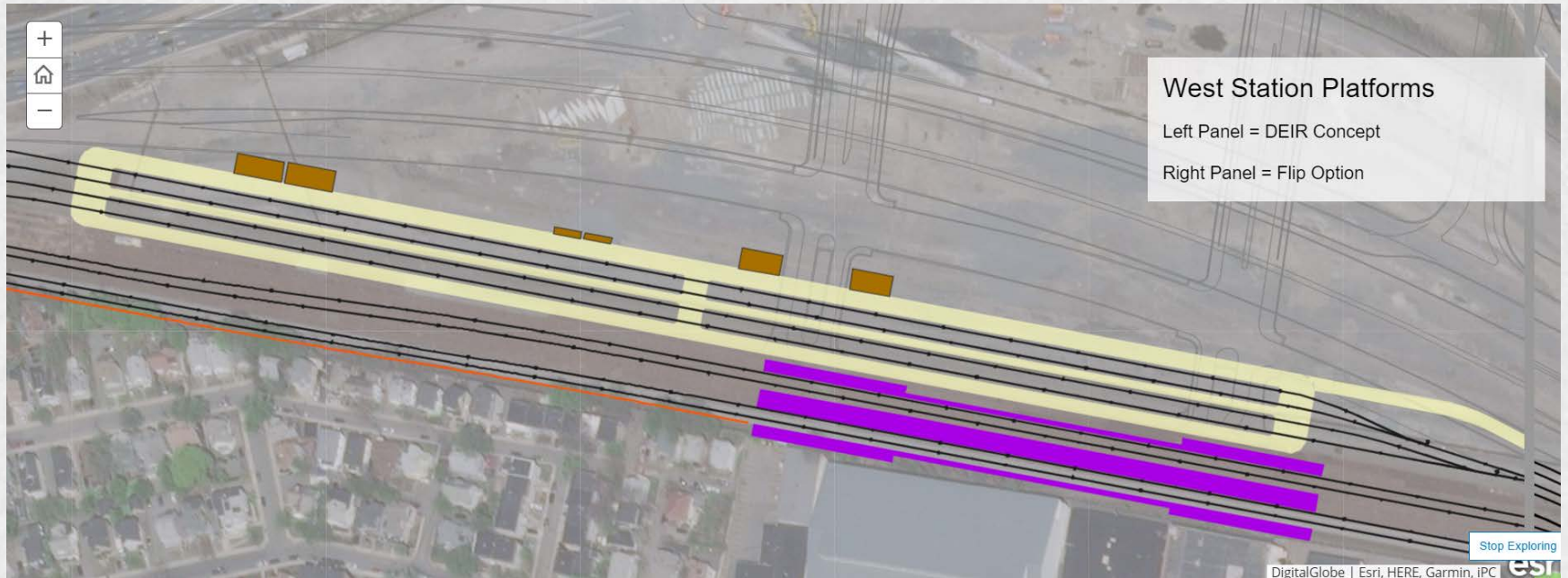


# Meeting Agenda III

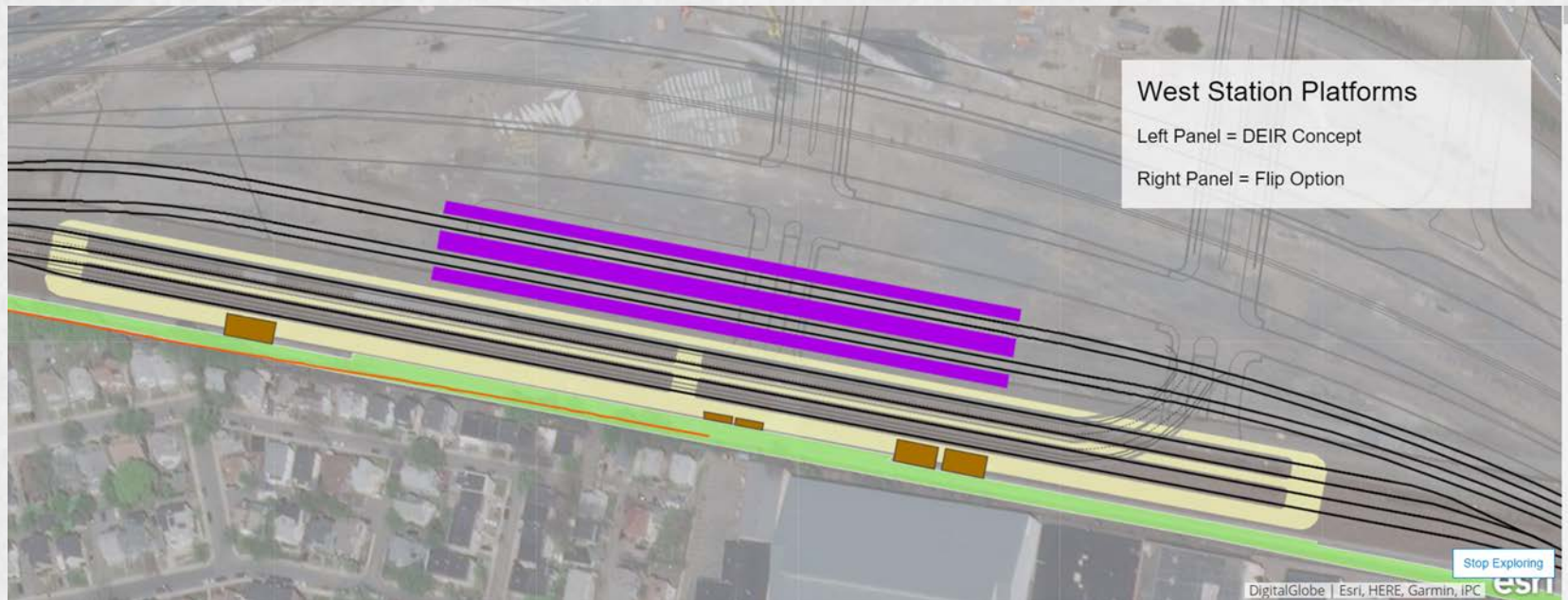
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- **West Station “Flip” Concept**



# DEIR Rail Facilities



# Flip Rail Facilities





# Flip Context

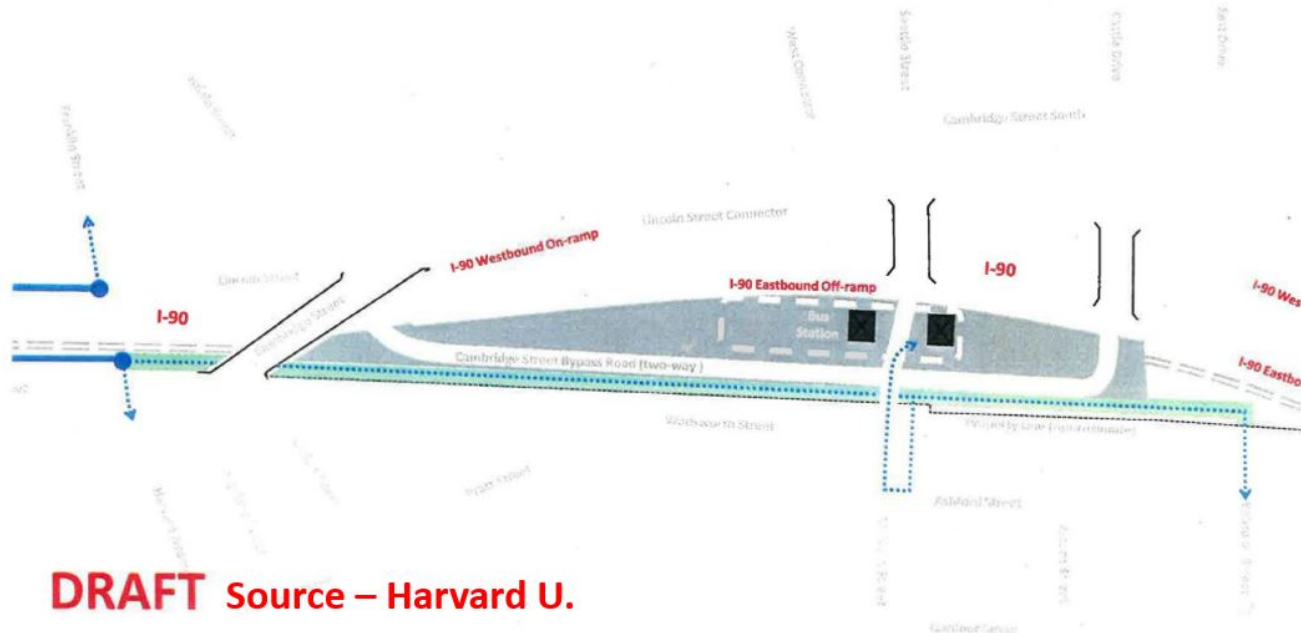


# Flip Concept – Pedestrian and Bicycle



The Pedestrian/Bike Paths in the Buffer Park Will Link Franklin Street with Babcock Street and Improve Connectivity to West Station and the River

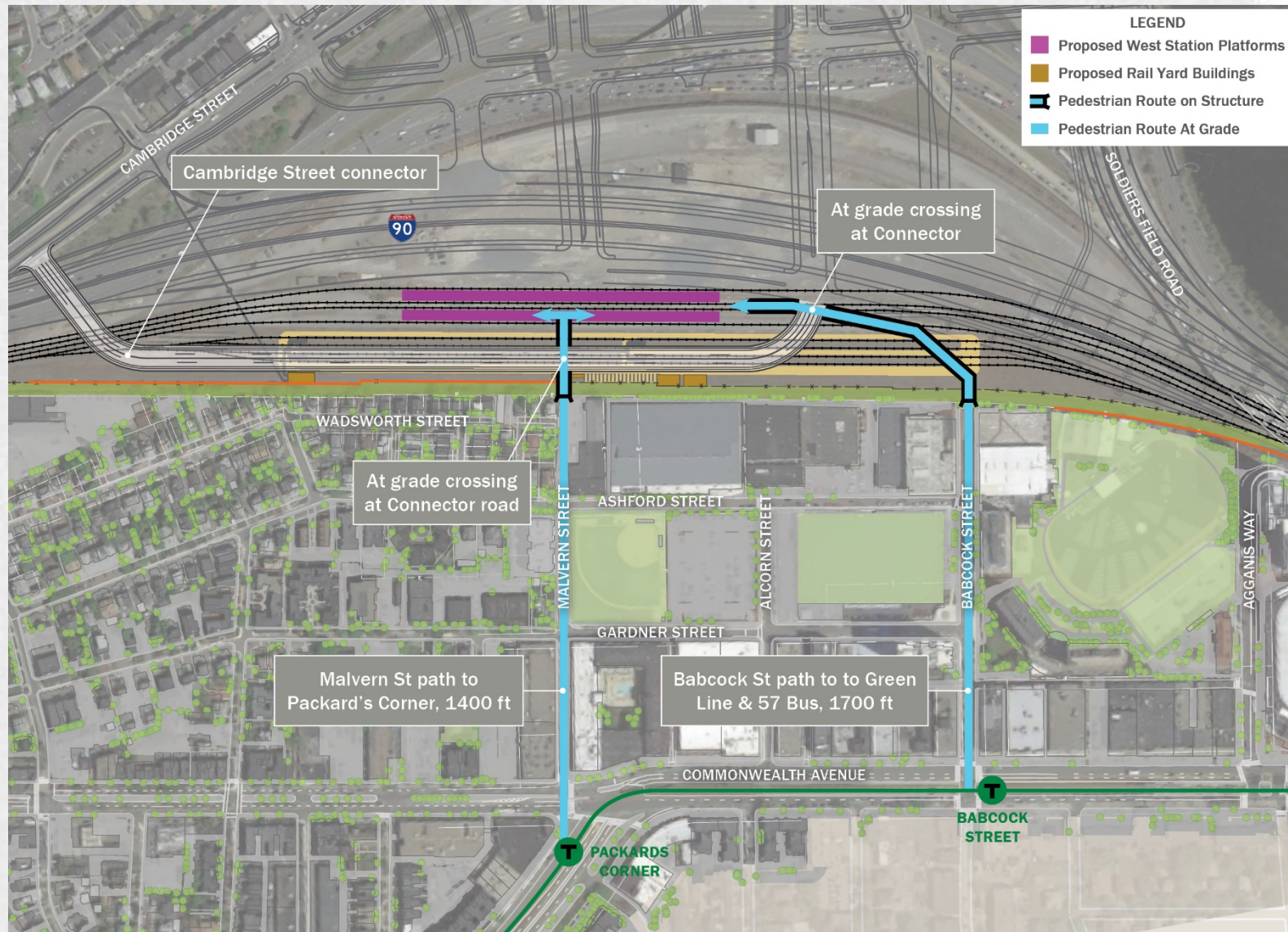
1. No intersections between Franklin Street and Babcock Street
2. At-grade connections with Harvard Avenue, Malvern Street and Babcock Street
3. Opportunities for other connections between Harvard Avenue and Malvern Street
4. Alternative to Cambridge Street South greenway



**DRAFT** Source – Harvard U.

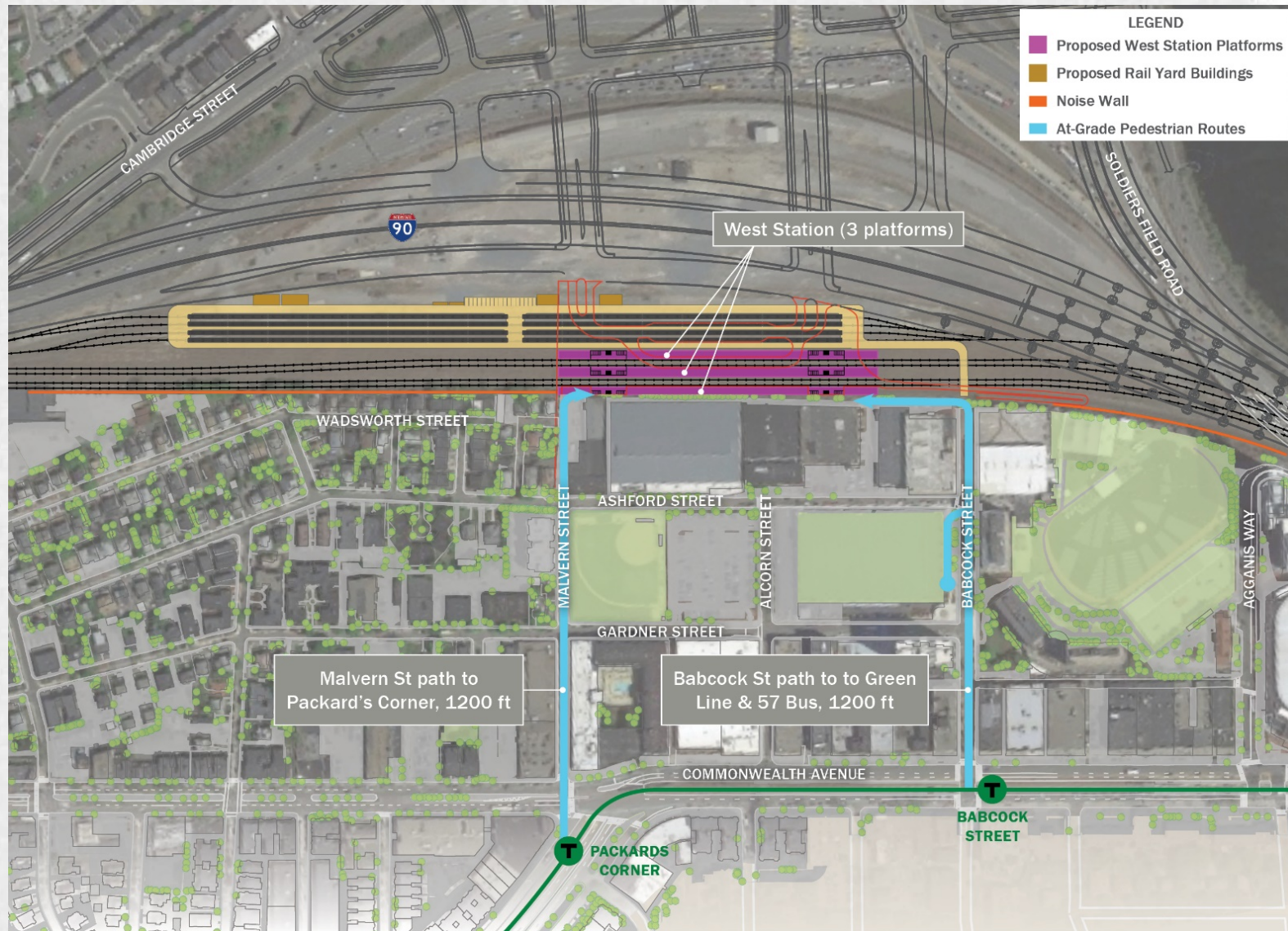


# Flip - Comm Ave to West Station Pedestrian Paths



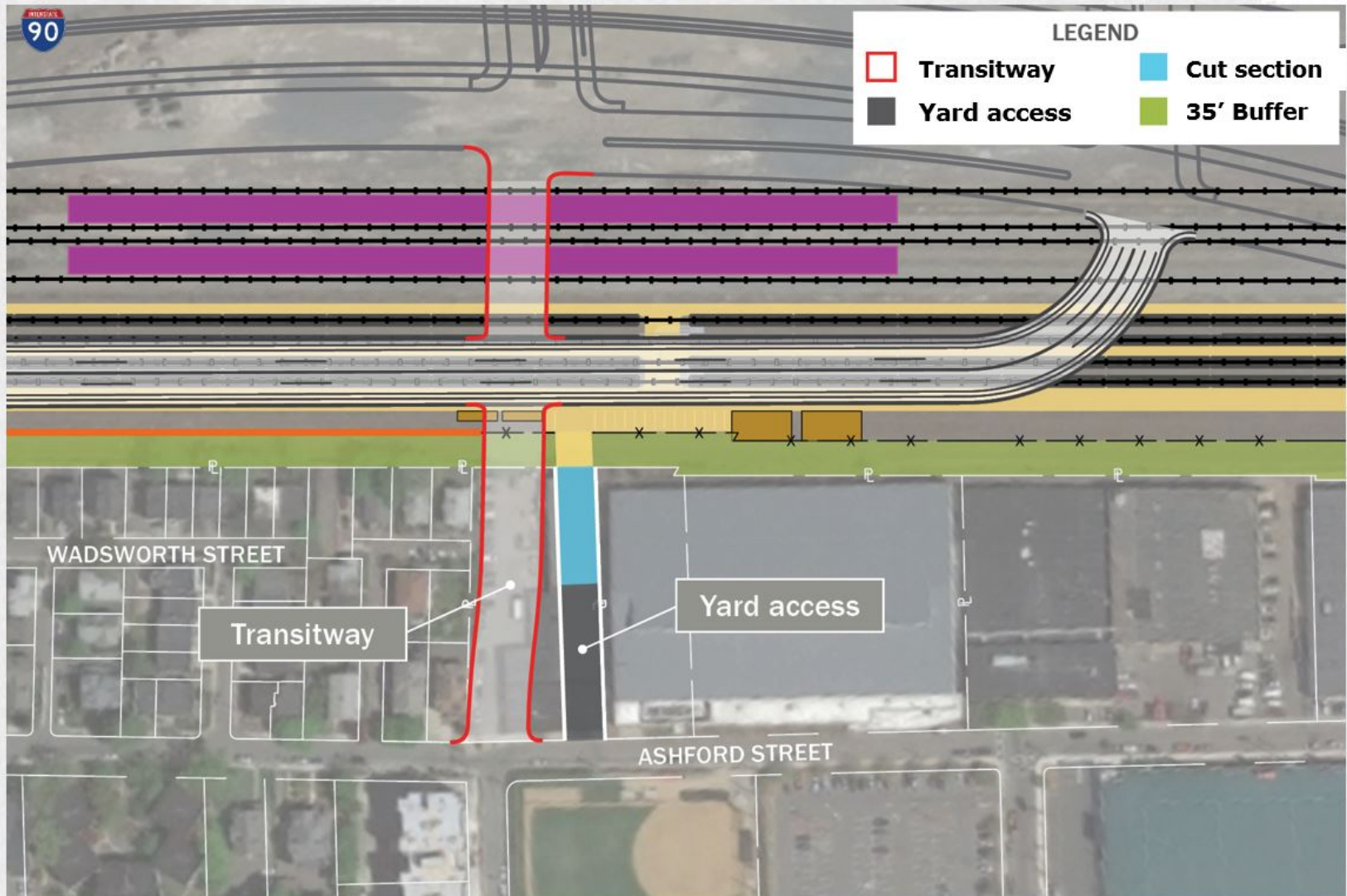


# DEIR - Comm Ave to West Station Pedestrian Paths

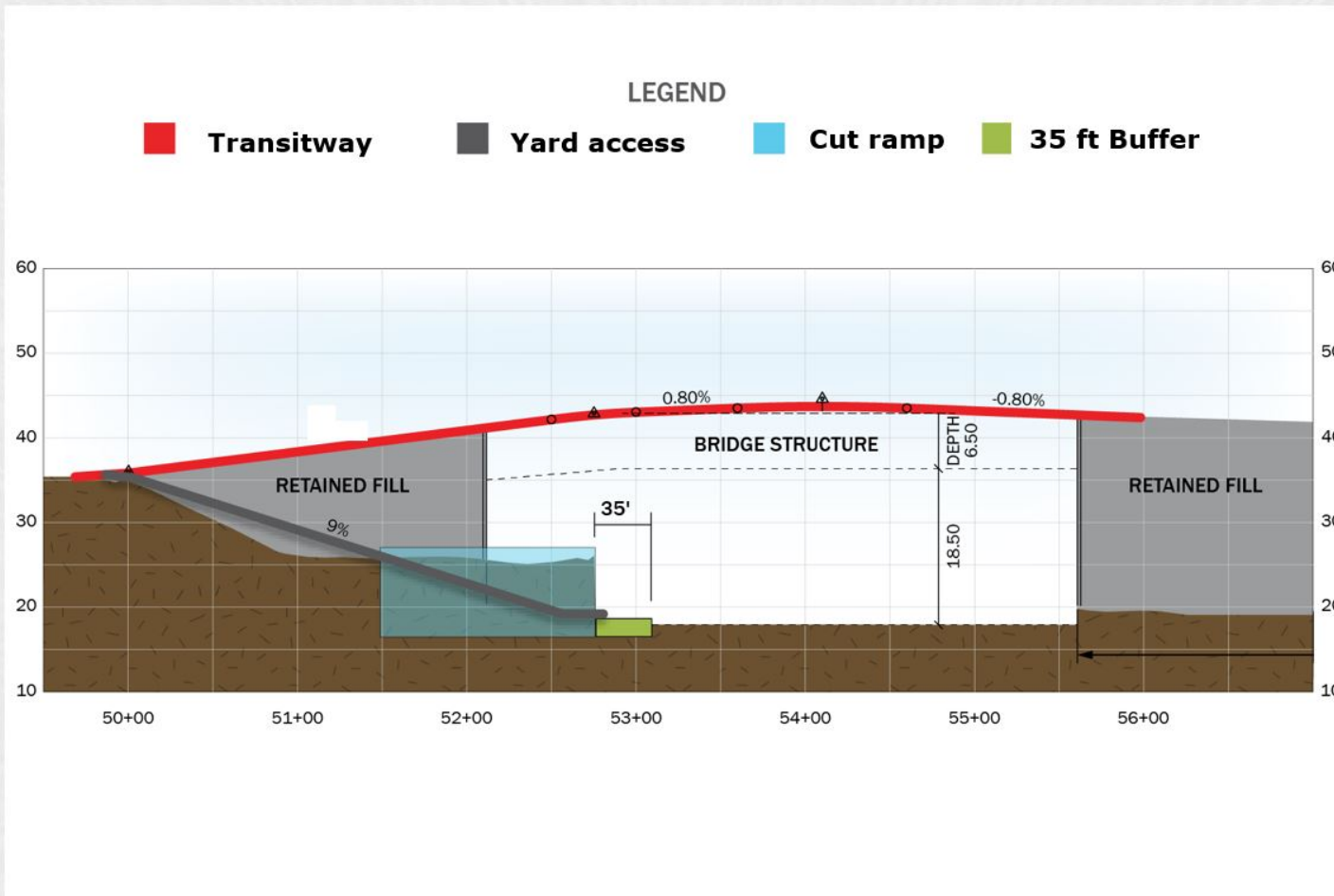




# Ped Path from Buffer to West Station

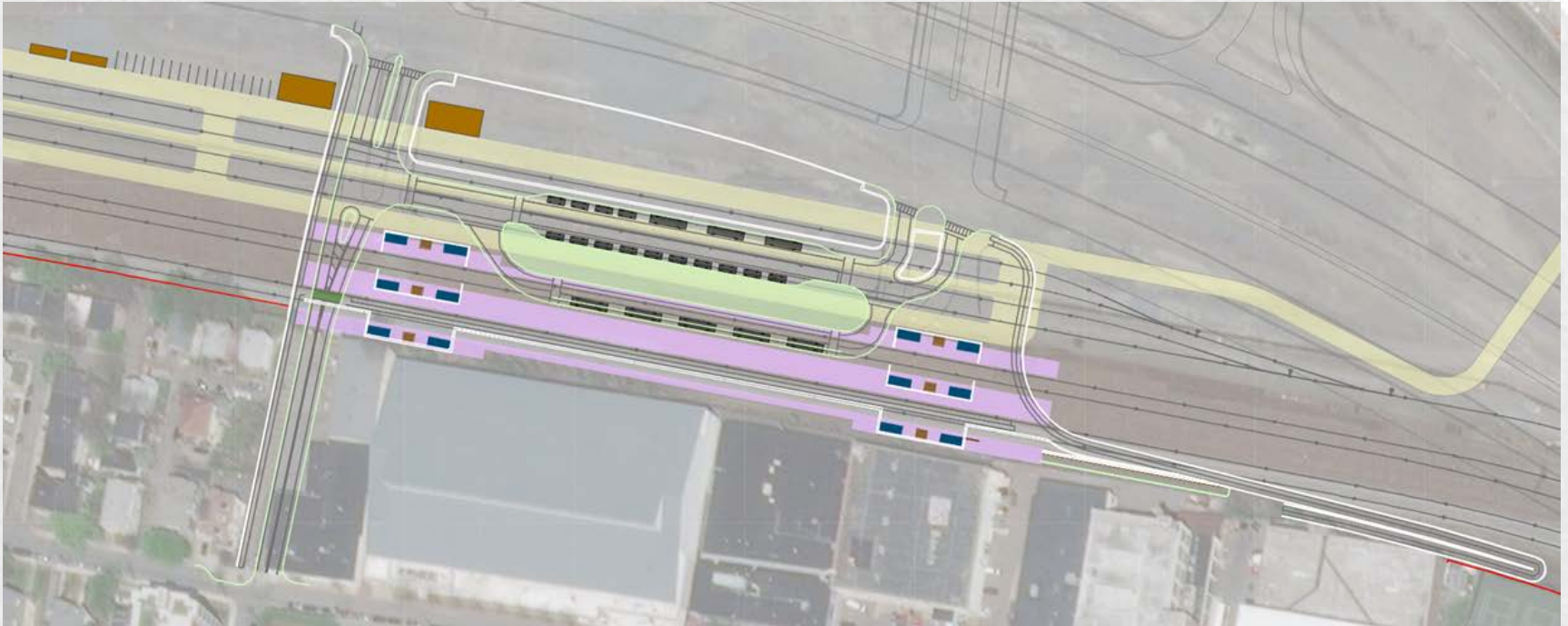


# Pedestrian Profiles at Transitway

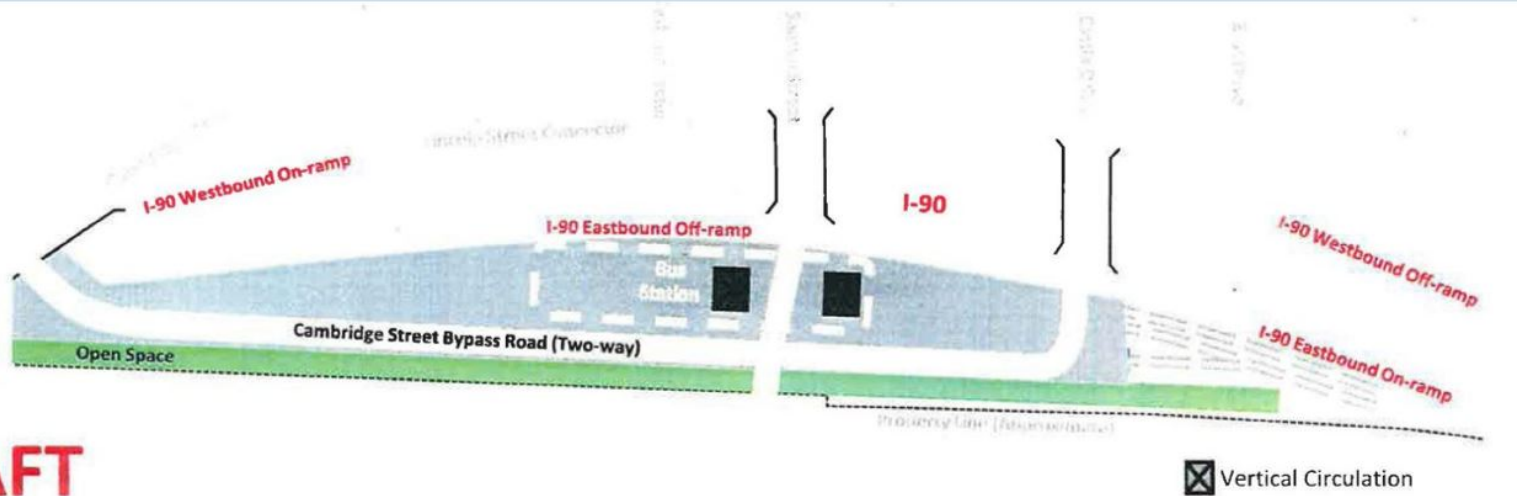




# DEIR – Bus Concourse Operation



# Flip – Bus Concourse Operation



**DRAFT**

Source – Harvard U.



# Meeting Agenda IV

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