

MassDOT's Allston I-90 Project Team

- Tetra Tech
 - Coordinating Consultant
 - Highway Design
- WSP
 - I-90 Viaduct Design
- VHB (w/Baker International, Patrick Engineering)
 - Transit and Rail Engineering
 - Station Design

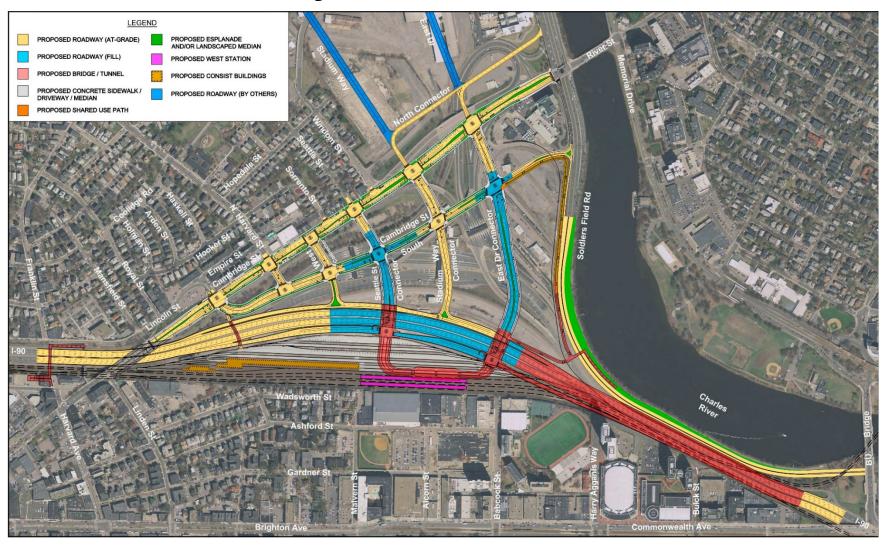
I-90 Allston Interchange Project Area



Project Purpose

- Replace Structurally Deficient/Functionally Obsolete I-90 Viaduct
- Straighten Main Line through Beacon Park Yards (BPY)
 - All Electronic Tolling
 - Rebuild Urban Interchange
 - Geometric & Safety Improvements
- Realign Soldiers Field Road
- Create a more vibrant Cambridge Street
- Construct Urban Improvements/Accessibility
 - Shared Use Path ("People's Pike")
 - Rebuild Lincoln St Ped Bridge
 - Cycle Tracks on Cambridge Street
- Build BPY Layover & West Station

Project Overview



Project Status

- Bridge/Highway Kick-off Spring 2014
- Governor's West Station Commitment Sept 29, 2014
- Allston I-90 Task Force 10 Meetings held
 - Overall Emphasis on Neighborhood Cohesion
 - Integration of West Station
 - Incorporation of Shared Use Path to Esplanade
- ENF filed 10/31/14
- MEPA Certificate DEIR Scoped 12/24/14

Railroad & Beacon Park Yards Elements

- MassDOT Harvard MOU to use 22 acres for station & layover
 - Protect Air Rights Development
- Beacon Park Yards
 - Layover Tracks for 14-18 9-Car Consists
 - Sheltered Pit Track
 - Wheel Truing
 - Car Wash
 - Crew Quarters
 - Substation
- Do No Preclude Future Restoration of Grand Junction
- Maintain Houghton Chemical/Freight Activities

West Station Elements

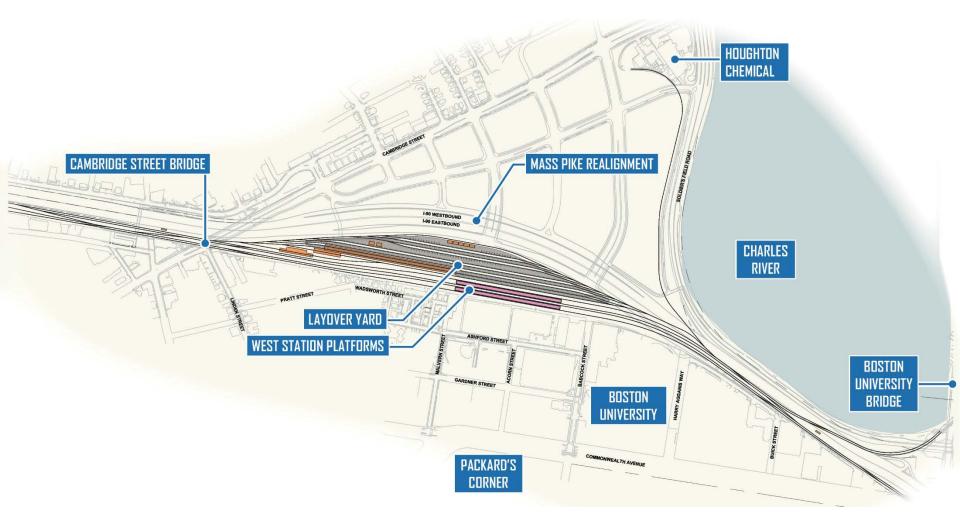
- Construct New West Station
 - 2 Platforms/4 Tracks
 - So. Station Service via Framingham/Worcester Branch
 - Potential Urban Rail Service Riverside to So. Station (& No. Station via Grand Junction)
 - Bicycle/Pedestrian Access from North & South Comm Ave to PDW Path
 - Accessible at all times and <u>not limited</u> to MBTA operational hours
 - No Parking
 - Bus Loop access at Mezzanine
 - Consider 2-way bus loop, serving
 - Bus
 - Intercity Bus
 - Taxi
 - Shuttle

Other Key Project Elements

- Bicycle Cages
- Noise Mitigation/Sound Barriers
- Air Quality
- Design & Construction consistent with MBTA sustainability and energy management goals

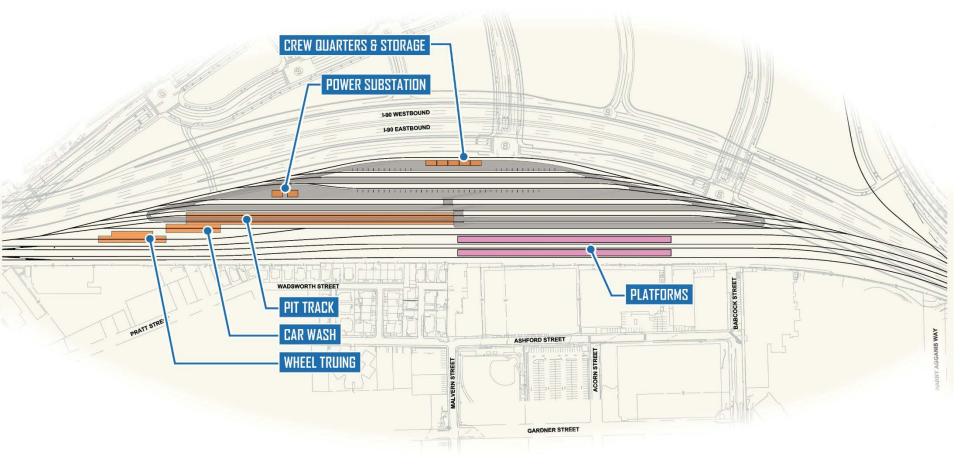


Overall Track/Yard Flexibility

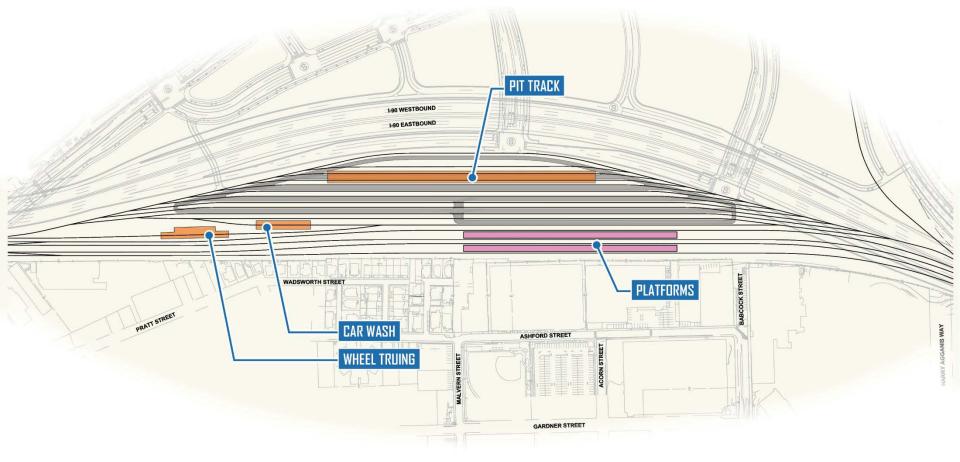


Track Layout Under Viaduct

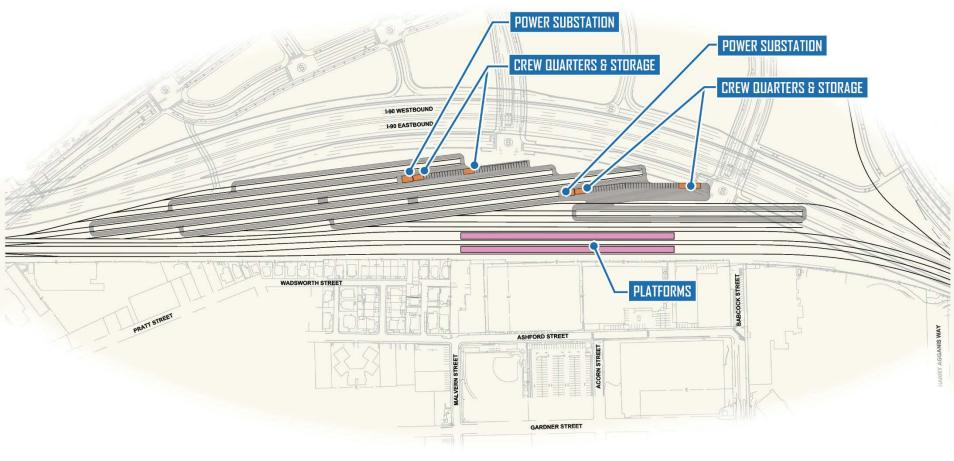




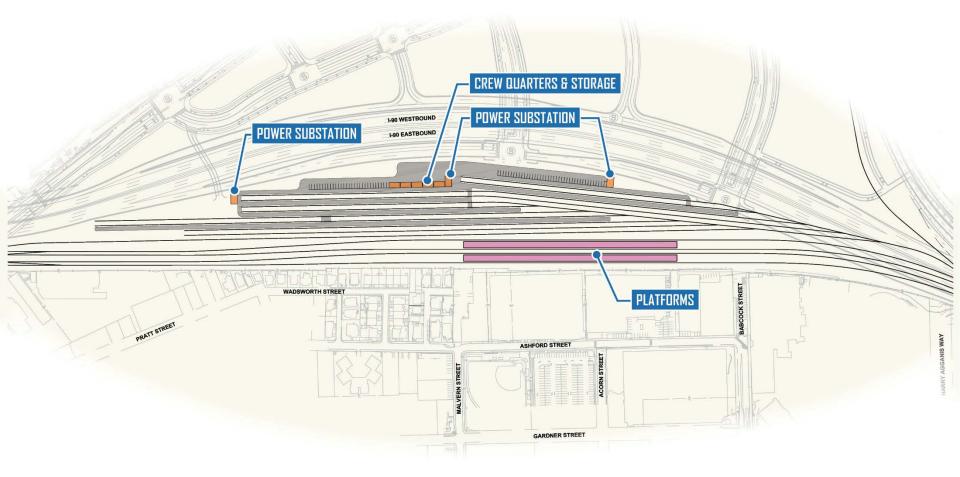
Alternative 1 14 9-Car Consists



Alternative 2 14 9-Car Consists

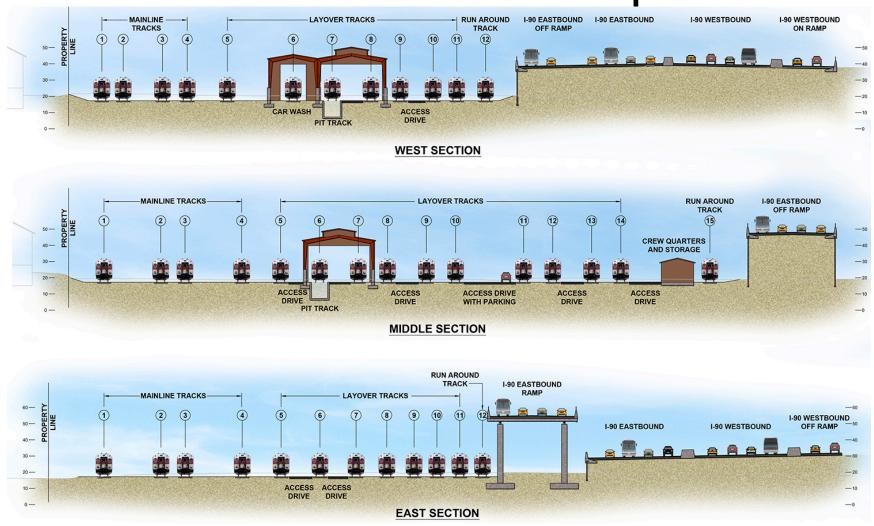


Westerly Access Only 18 9-Car Consists



Easterly Access Only 18 9-Car Consists

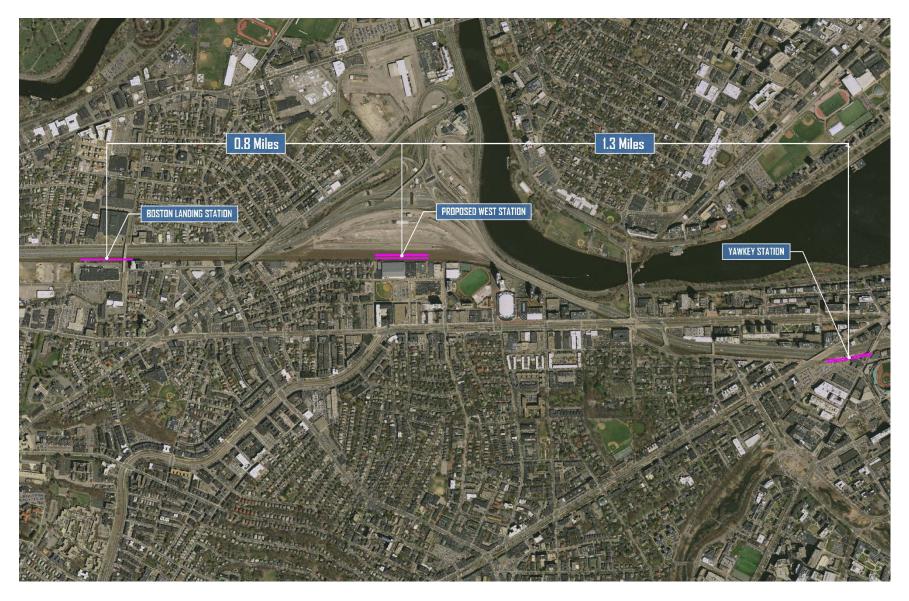
Yard Section Concepts



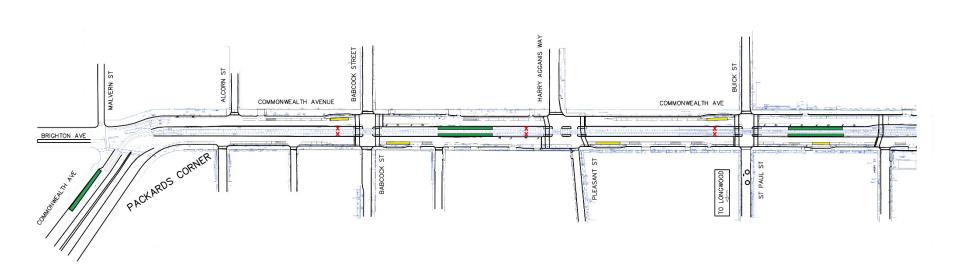
Yard Maintenance Access



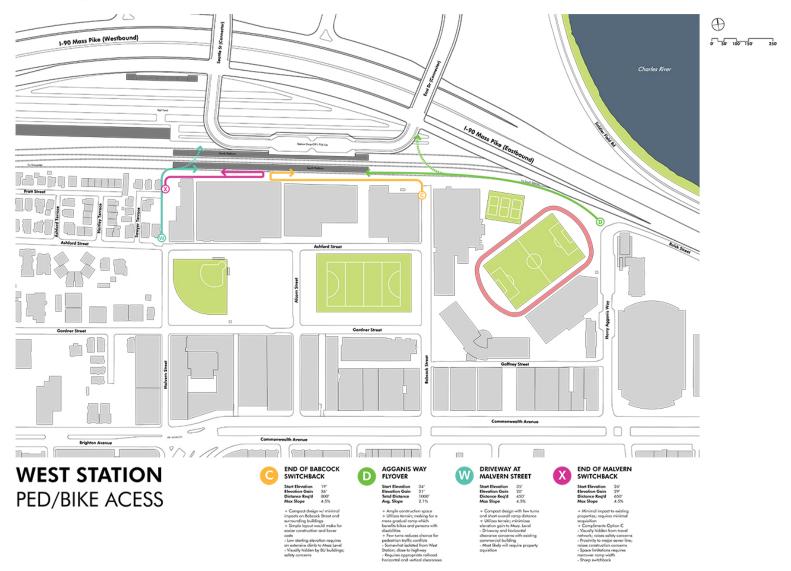
Station Location



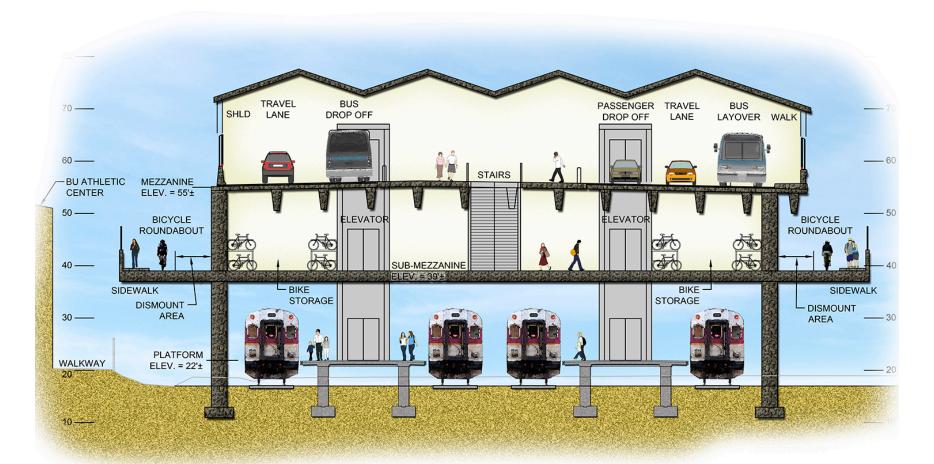
Commonwealth Ave. Station Consolidation



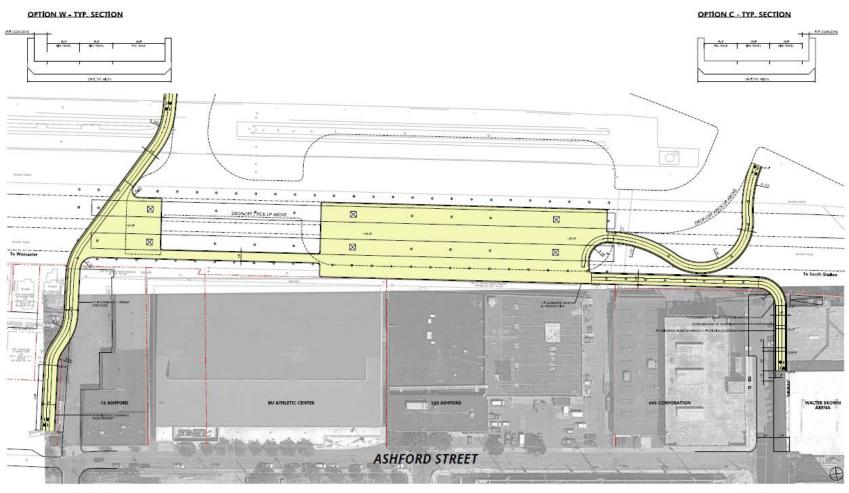
Bike/Ped Access – Alternative Routes



Station Section

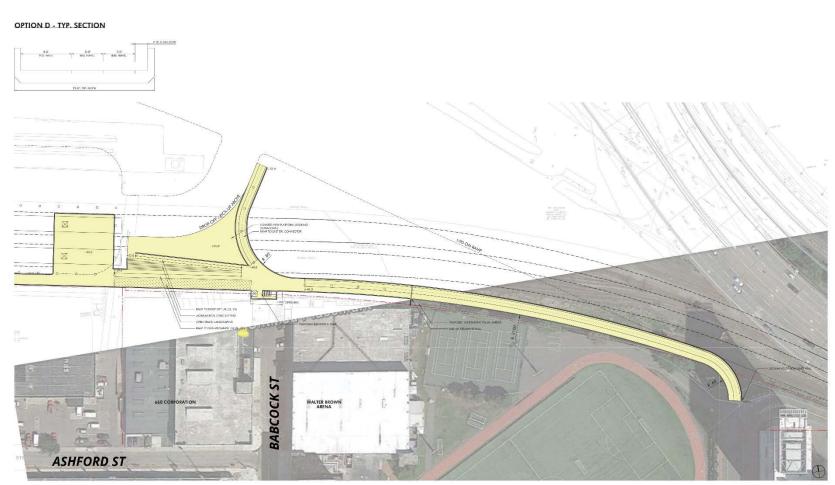


Bike/Ped Access Route w/Babcock



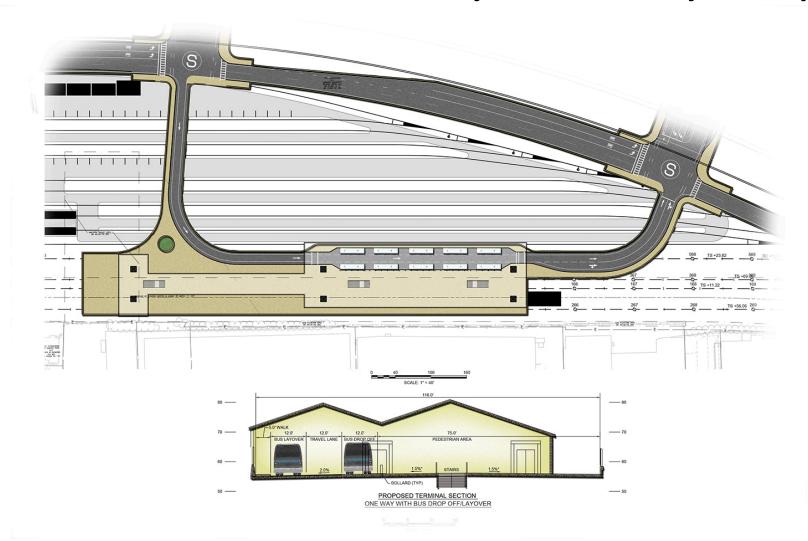
OPTION W FROM MALVERN ST OPTION C FROM BABCOCK ST

Bike/Ped Access Route w/Agganis

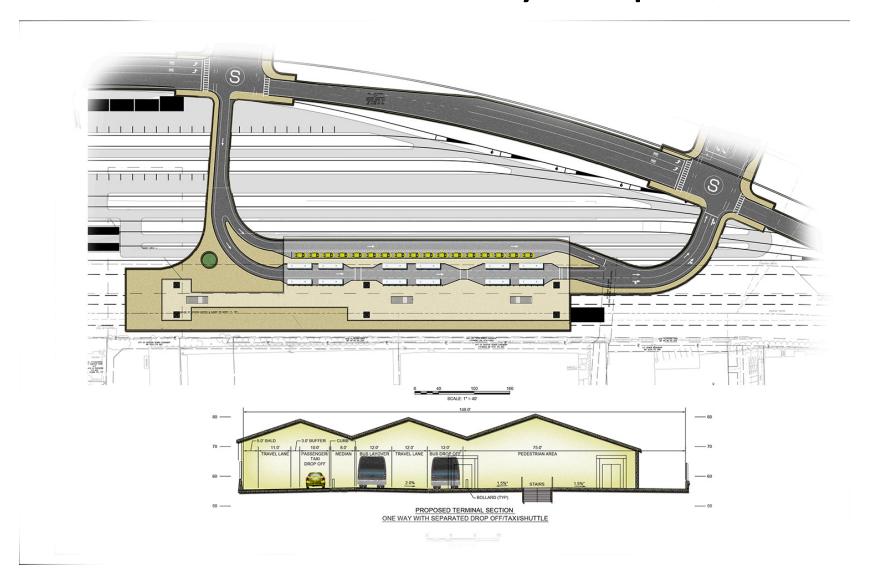


OPTION DFROM AGGANIS WAY

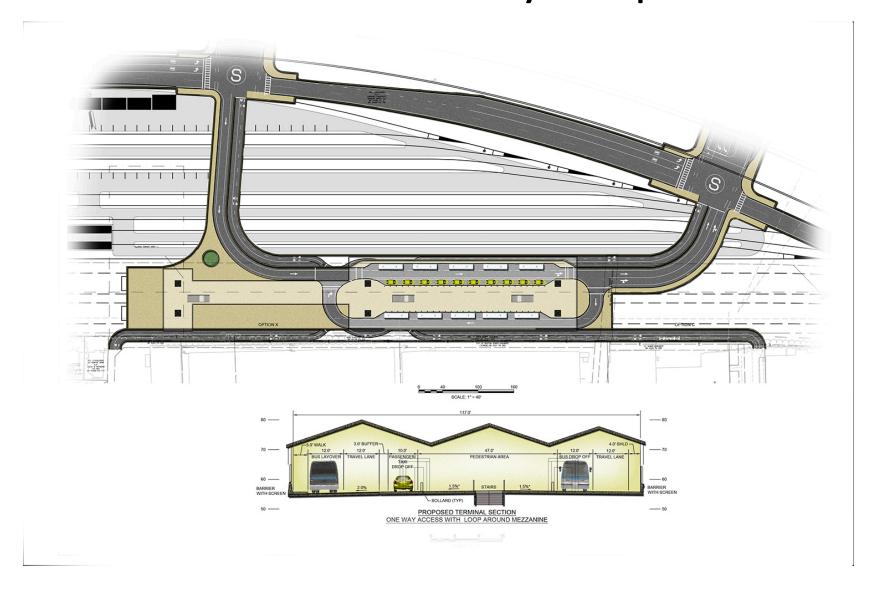
West Station: One-Way/Bus-Only Loop



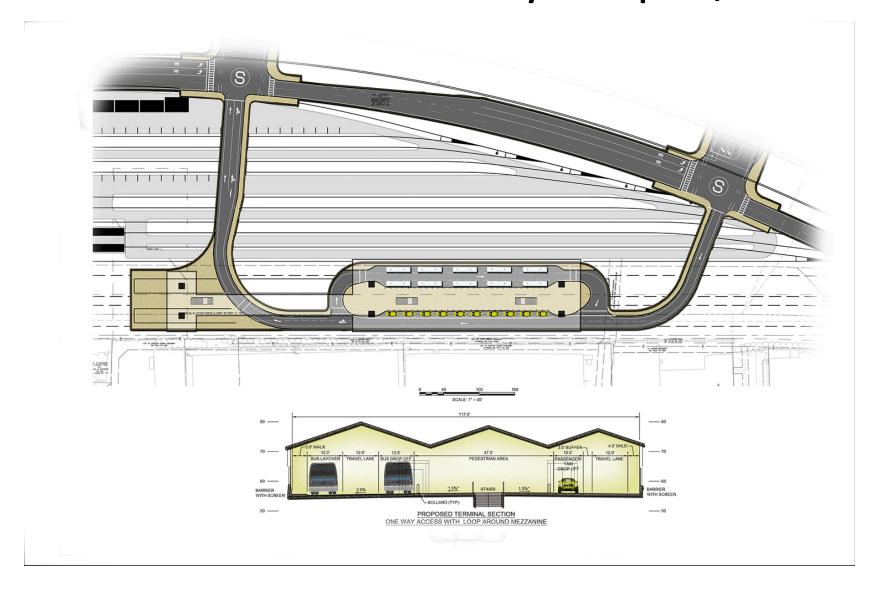
West Station: One-Way Loop w/Offset



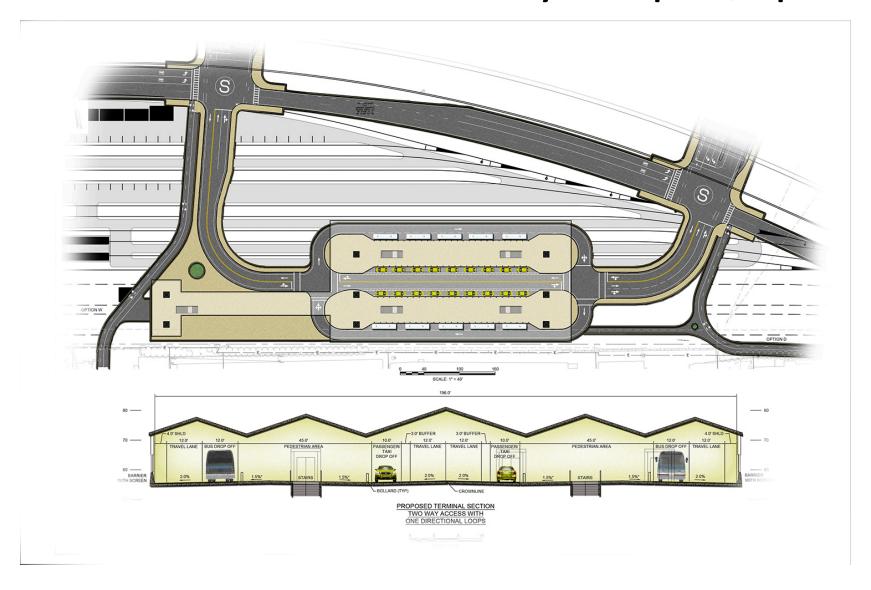
West Station: One-Way Loop & Center



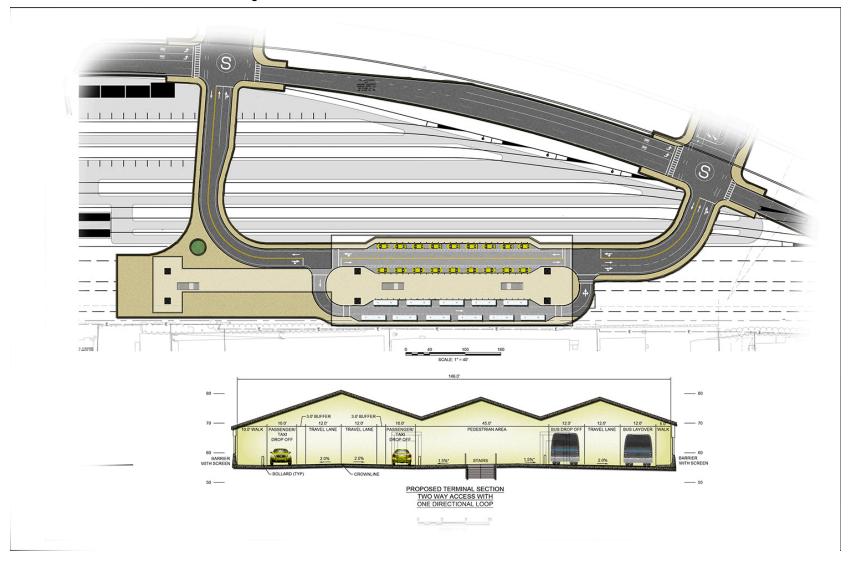
West Station: One-Way Loop w/Offset



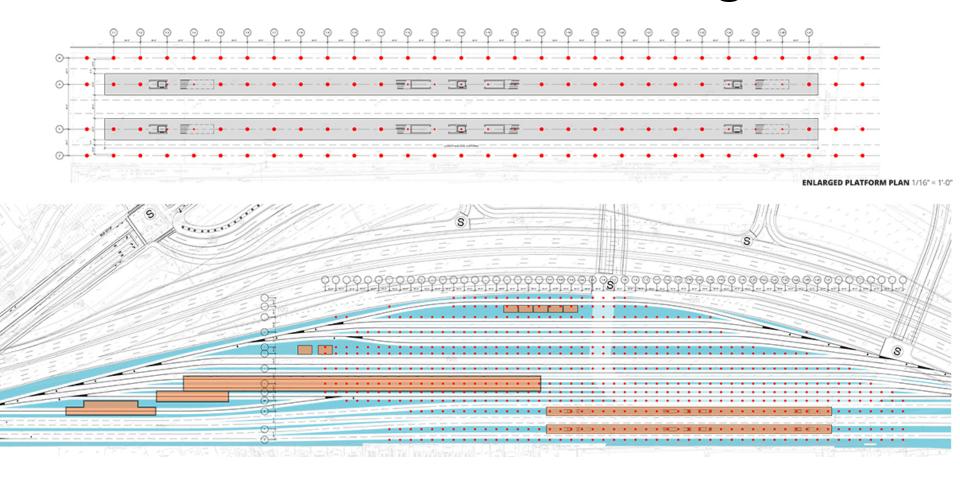
West Station: Two-Way Loop w/Split



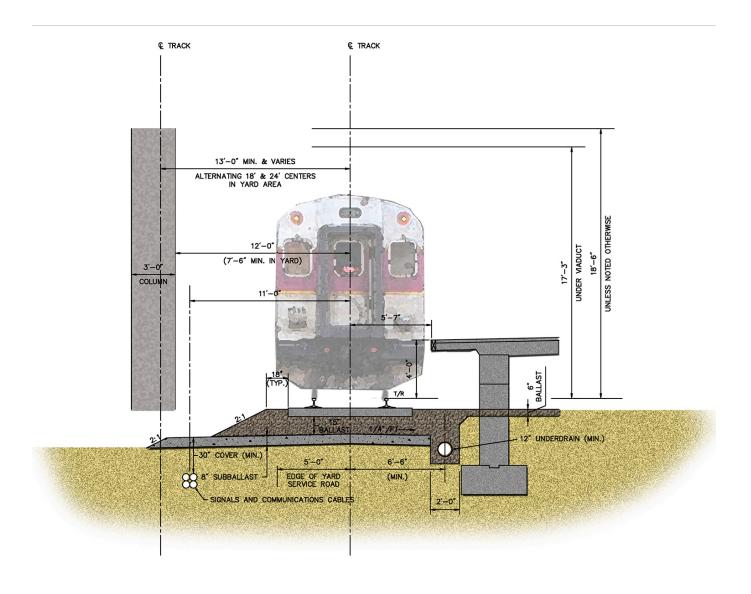
West Station: Two-Way Loop w/Separate Bus Terminal



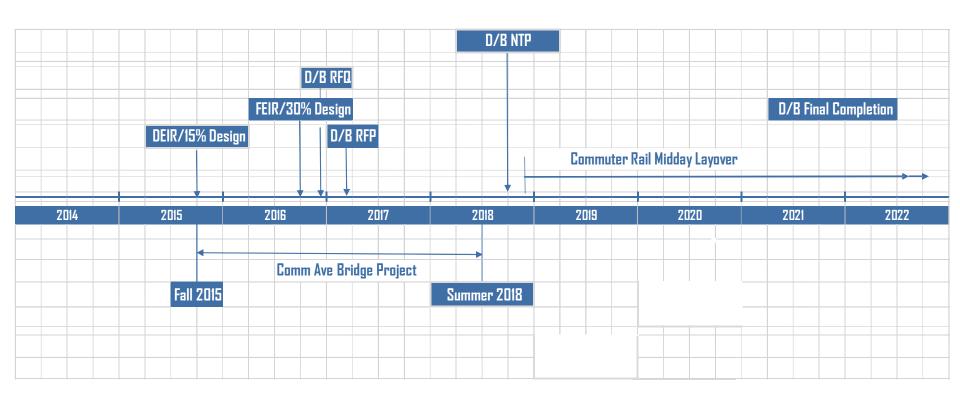
Beacon Park Yards Air Rights



Critical Clearances



Design & Construction Timeline



QUESTIONS