

# MBTA Chelsea Commuter Rail Station

## **PUBLIC INFORMATION MEETING** **September 19, 2019**



**Massachusetts Bay  
Transportation Authority**

# Agenda

Project Team

Overview

Project Elements & Goals

Railroad System Upgrades

Schedule

Questions

# Project Team

## Massachusetts Bay Transportation Authority

Dan Beaulieu – Project Manager

Jonathan Hines – Resident Engineer

## General Contractor – AA Will, Inc.

John Pastore – Project Manager

Mike Rennie – Superintendent

## Design Engineers - AECOM

Frank Astone – Project Manager

George Katsoufis – Project Architect

# Overview



# Project Elements

- Relocate/Construct new Commuter Rail Station
- Intermodal Silver Line BRT & Commuter Rail
- Upgrades to the Railroad Signal System
- Complete and Integrate Traffic Signals
- Removal of Existing Commuter Rail Station

# Existing Chelsea Station

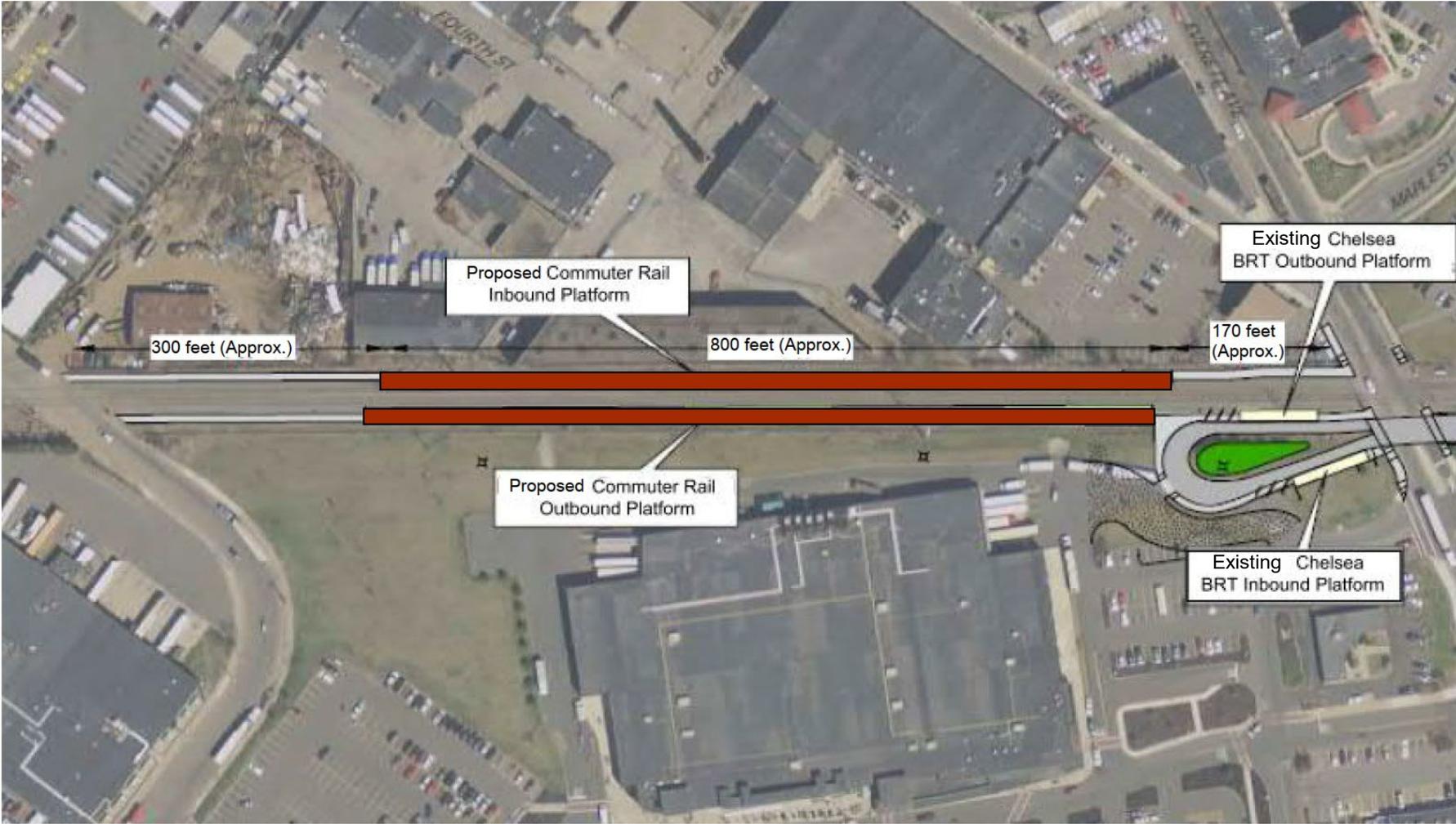


**Existing Station does not meet current standards & regulations**

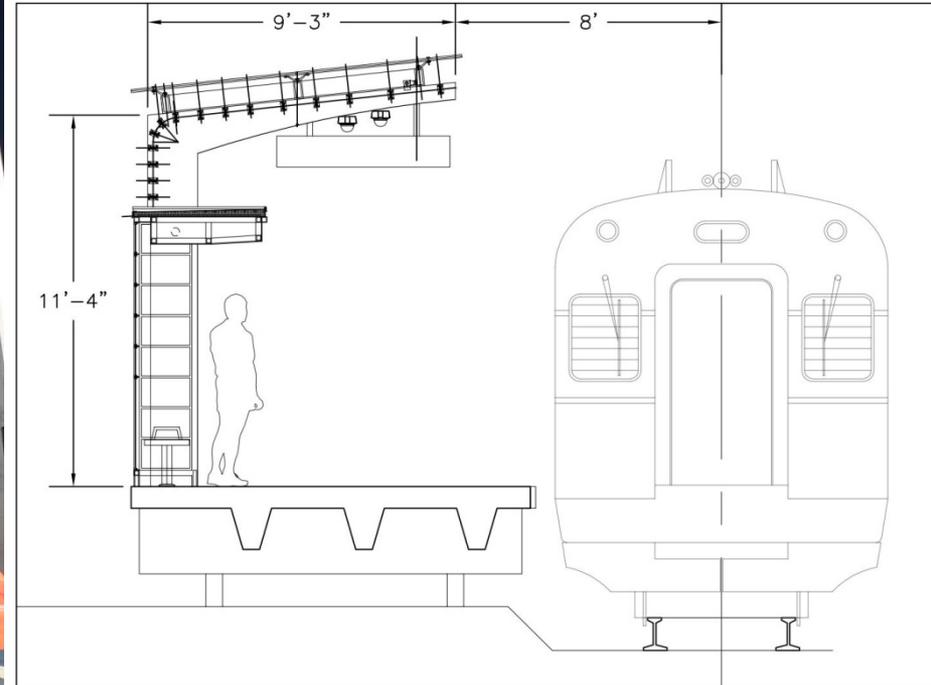
# Chelsea Station Design Elements & Goals

- Create new Commuter Rail Station that incorporates current MBTA Commuter Rail Standards
- New Station to meet Accessibility & Building Code Standards
- Integrate Commuter Rail and Silver Line BRT Stations
- Minimize construction impacts/maintain commuter rail service
- New grade crossings and signal systems
- Continue Coordination-MassDOT, Chelsea, other Stakeholders

# Proposed Chelsea Station – Aerial View



# Canopy Design



- Utilize General Design Aspects of the Silver Line BRT Stations
- Canopy supported independent of platform
- Elements to Minimize Long-Term Maintenance

# Commuter Rail Station – Platform & Canopy



# Chelsea Multi-Modal Station



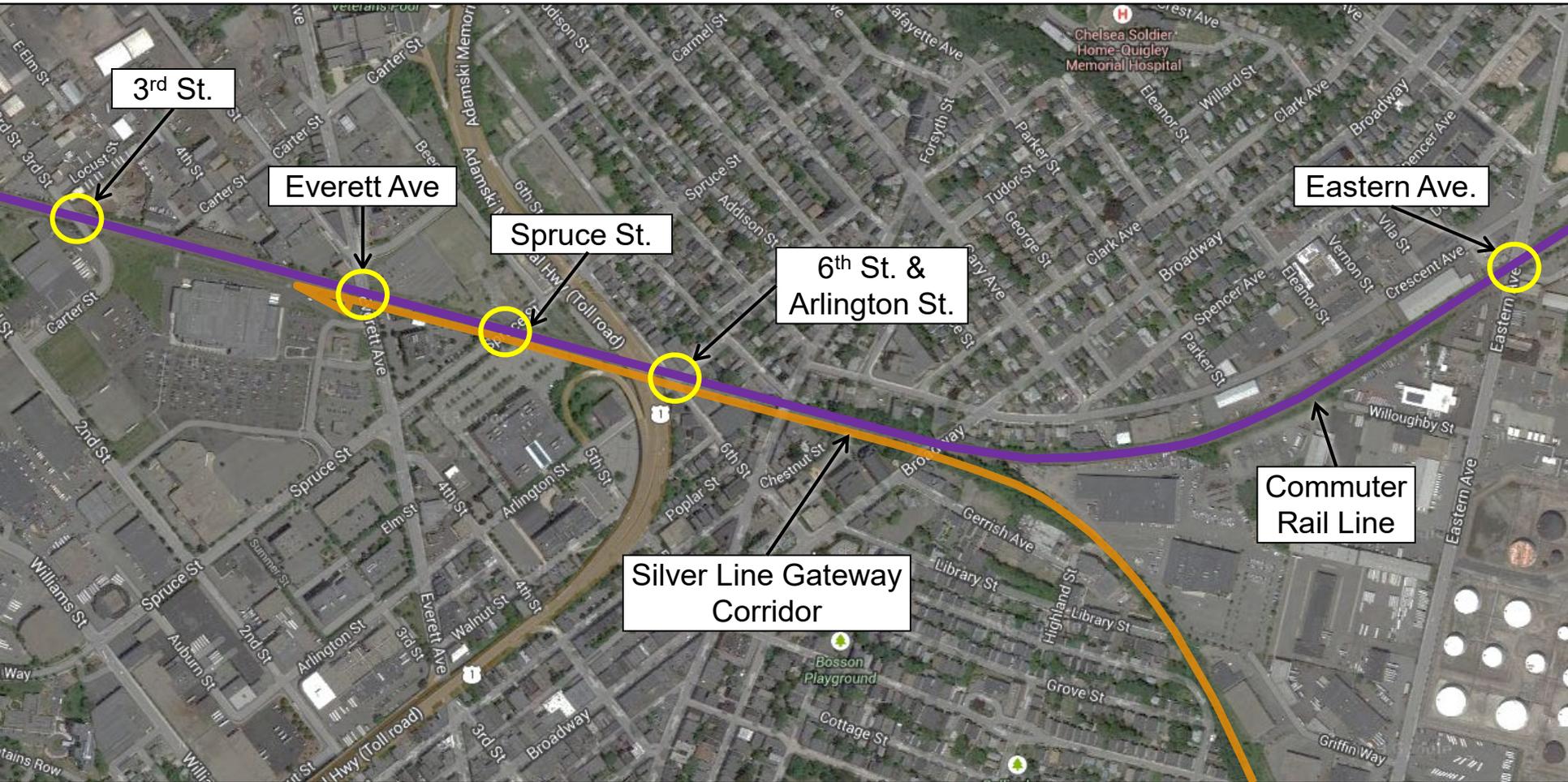
# Chelsea Multi-Modal Station



# Railroad System Upgrades

- Upgrades from Everett Junction to Wonderland
- Reconstruct Grade Crossings
- Replace Power & Signal Cables to Underground
- Rehab and/or replace RR Gates and Signal Cases
- Integrate with Traffic Signal with Preemption
- Coordinate with PTC and future ATC Programs

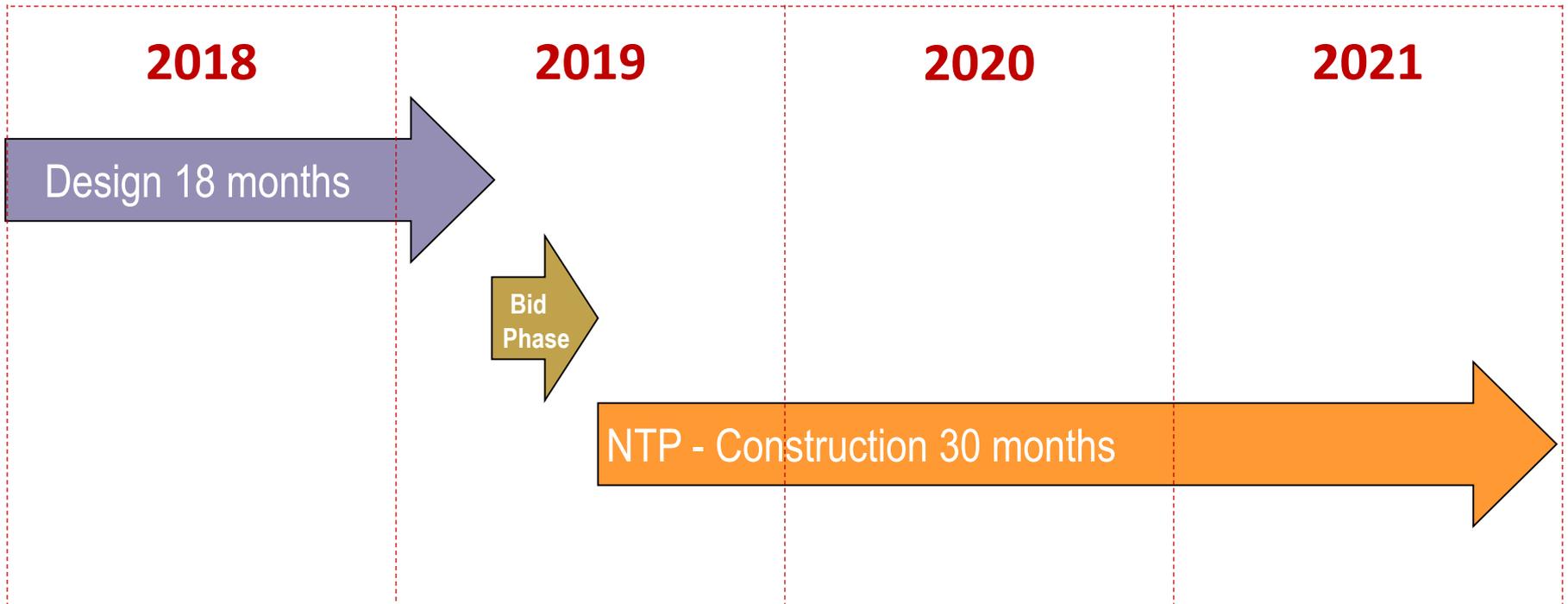
# Railroad Grade Crossing Upgrades Traffic Signals at Everett, Spruce & Arlington



# Anticipated Construction Impacts

- Existing Commuter Rail Station to remain open
- Commuter Rail Service to be maintained except for:
  - Up to 6 weekend outages to facilitate specialized construction
  - MBTA will bus passengers between Lynn and North Station during this time
- Partial roadway closures will be minimal (utility and paving work at railroad grade crossings). Police details will be in place
- Full roadway closures will be minimal (during replacement of the grade crossings). Detours coordinated with City.
- Foundation systems will be drilled piles to minimize noise

# Project Schedule



- Advertise for Construction: March 2019
- Contractor Notice to Proceed: June 2019
- Approximate Construction Duration: 30 months

# How to Contact us

1. Visit the project website to learn more and sign up for project email updates:

[www.mbta.com/ChelseaStation](http://www.mbta.com/ChelseaStation)

2. Email us with any questions or comments about construction:

[ChelseaStation@mbta.com](mailto:ChelseaStation@mbta.com)

# Chelsea Commuter Rail and BRT Station Questions



# Commuter Rail Station – Section and Elevation View

