



# GREEN LINE EXTENSION PROJECT



**massDOT**  
Massachusetts Department of Transportation



MBTA System-Wide Accessibility  
Judge King Update  
December 8, 2021

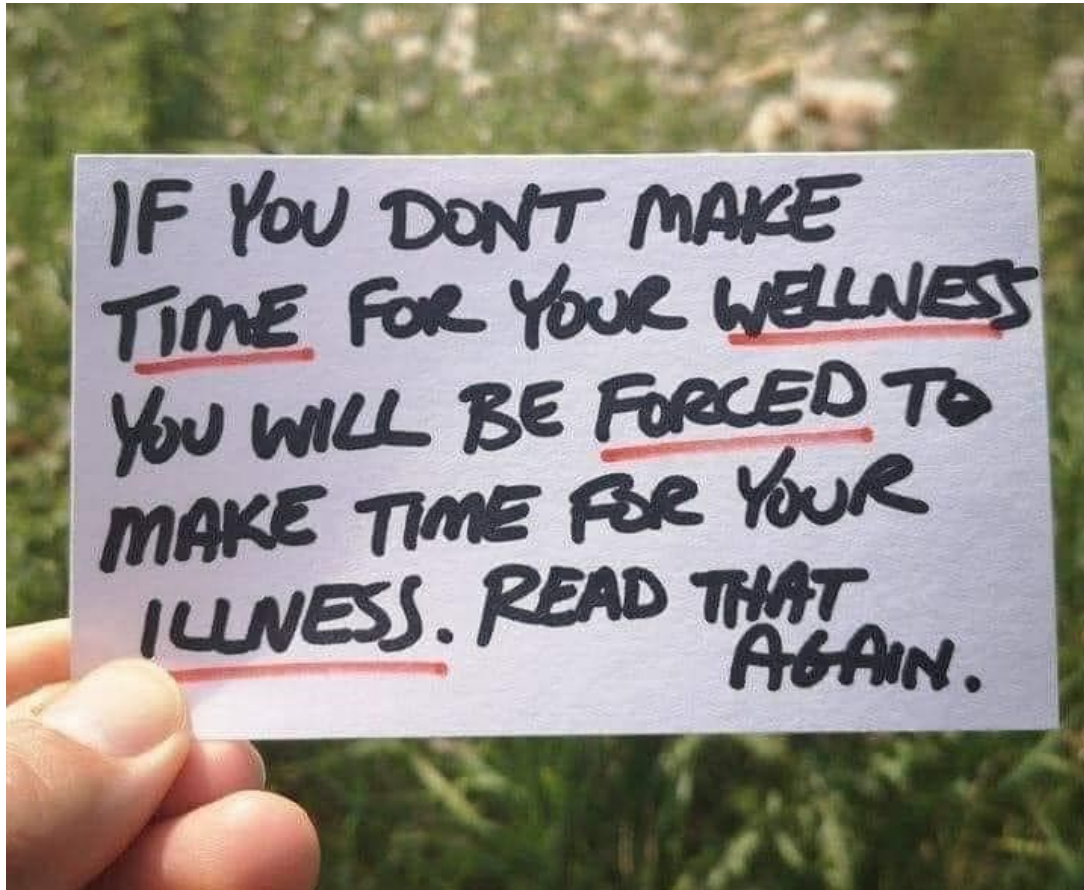
# Agenda

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- **Welcome and Safety Moment**
- **Project History and Overview**
- **Stations Update**
- **Q & A**



# Safety Moment



- Annual Check-Ups
- Cancer Screenings
- Mental Health
- Heart Disease Prevention
- Healthy Diet
- Exercise Plan
- Proper Sleeping Habits
- PTO



# Genesis of GLX Project

**GLX**  
Green Line  
Extension

**Boston's Central Artery/Tunnel Project**

**CENTRAL ARTERY TUNNEL**

Construction site 1: Tunnel boring machine (TBM) cutting through rock.

Construction site 2: Large-scale construction site with cranes and workers.

Construction site 3: Interior view of a tunnel under construction with rebar.



# GLX Quick Facts

- **Seven light-rail GLX stations**
  - Relocated Lechmere Station
  - 5 on Medford Branch
  - 1 on Union Square Branch
- **Conforms with all environmental commitments and committed scope elements as established in the Full Funding Grant Agreement (FFGA)**
- **Includes a multiuse community path**
- **Procurement of 24 Green Line light rail vehicles**
- **Vehicle Maintenance Facility (VMF)**
- **Program Budget - \$2.3Bn**



# Project Goals & Benefits

- Improves local and regional air quality
- 20% of Somerville population is within walking distance of rail transit today, and 80% is anticipated to be so with GLX
- Economic benefits, including the improvement of the commercial tax base



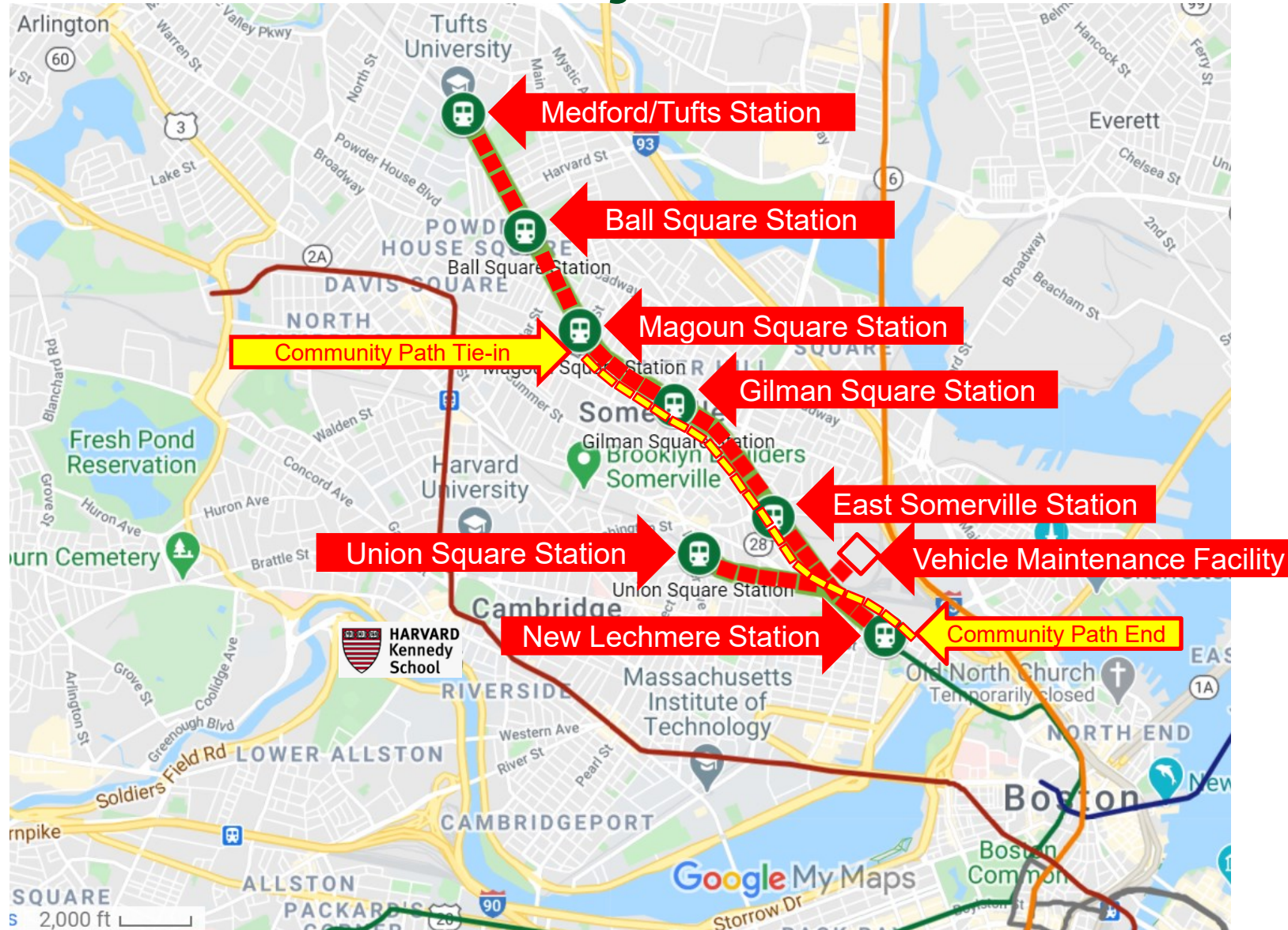
# Project History

1. “Episode 1” was CM/GC delivery method; 7 total packages
2. 4 packages approved; could not agree on Guaranteed Maximum Price beyond that
3. Late 2015 – MBTA halted that project; began re-design for affordability
4. May 2016 – MBTA Board approved Redesign & Reprocurement
5. November 2016 – Design Build procurement process began
6. December 20, 2017 – “GLX Constructors” received Notice to Proceed





# GLX Project Area





# Lechmere Station



September 2019



September 2021





# Lechmere Station



June 2020



October 2021





# Lechmere Station



South Headhouse - November 2021



North Headhouse - November 2021





# Union Square Station



June 2020



October 2021





# Union Square Station



Elevator from Prospect Street Bridge designed and built by US2 – November 2021





# Union Square Station



November 2021





# Union Square Station



November 2021





# Red Bridge Viaducts



June 2020



October 2021





# Vehicle Maintenance Facility



June 2020



October 2021





# Community Path



Fall 2021



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# East Somerville Station



June 2020



October 2021





# Gilman Square Station



School St. Entrance – November 2021



South Elevator Tower Fall 2021





# Magoun Square Station



Pedestrian Bridge – November 2021



October 2021





# Ball Square Station



Broadway Entrance - Fall 2021



Platform level - Fall 2021





# Medford/Tufts Station



Elevator Shafts – November 2021



Station Platform - Fall 2021







# Q & A

