



**Massachusetts Bay
Transportation Authority**

Dedham East Street Bridge Replacement Project

Public Information Meeting

Dedham Middle School

October 16, 2024 at 6:00 PM

Project Manager: Omar Alchaar, P.E.

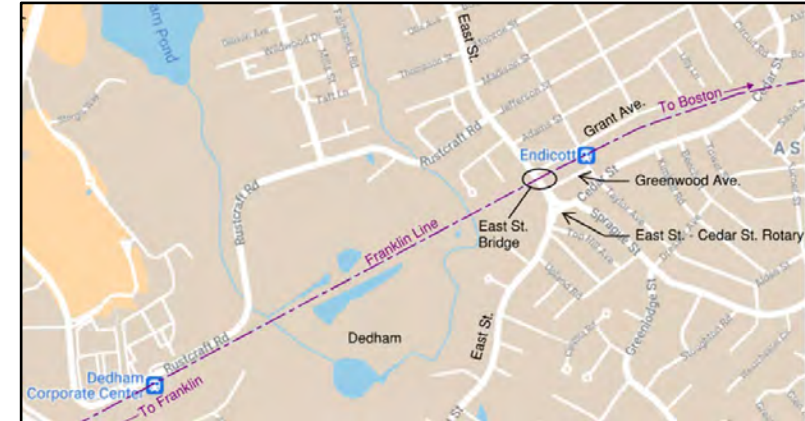
Agenda

- Project Overview
- Existing Condition
- Project Improvements
- Construction Timeline Overview
- Upcoming Construction Activities & Impacts
- Stay Connected



Project Overview

- Improve safety on and below the bridge
 - Minimize over-height vehicle collisions
 - Provide sidewalks under the bridge
 - Allow for better traffic flow on East St.
- Improve reliability by reducing:
 - Collisions that require Town emergency personnel response
 - East St. traffic closures due to bridge collisions
 - Commuter Rail service interruptions
- Construction Contract Value: \$16.47M
 - Construction contract awarded to P. Gioioso & Sons
 - The Construction Notice to Proceed (NTP) was issued on May 21, 2024



Bridge location is between Endicott and Dedham Corporate Center stations.



Looking west on East St.



Existing Condition

- Bridge built in 1904
- Substandard vertical clearance
 - 12'-1" posted vertical clearance
 - Multiple over-height truck collisions
- Substandard roadway width
 - Two 11'-6" wide travel lanes without shoulders
- No sidewalks under bridge



View of East St. looking west showing narrow roadway



Project Improvements

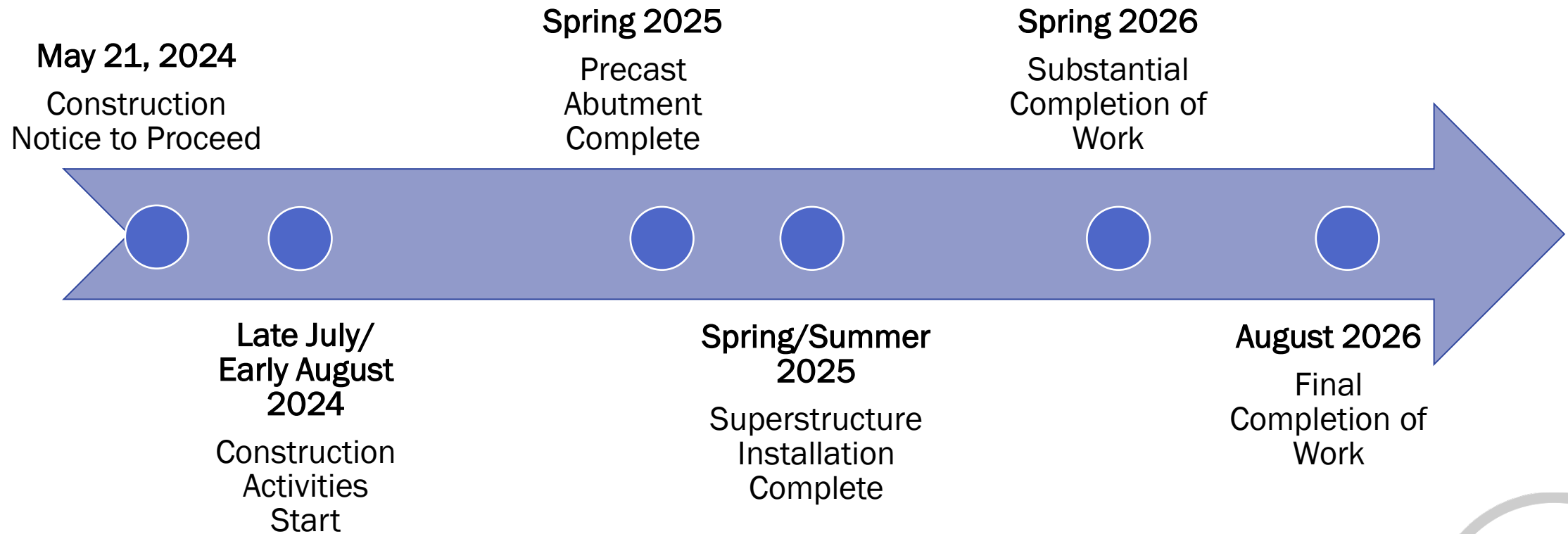
- 14'- 0" minimum vertical clearance
 - Reduces the potential for over-height collisions
 - Allows safe passage for emergency vehicles
- Wider travel lanes
- New sidewalks added on both sides of East St. allowing residents to safely walk under the bridge
- Roadway reconstruction, including drainage improvement and utility relocation



Rendering of the proposed bridge



Construction Timeline - Overview



Upcoming Construction Activities - 2024

Summer/Early Fall 2024

- Mobilization and Site Prep
- Survey work, Field Offices, Utilities, Minor Track Work, Track Access Ramps

Fall 2024

- Micropile Installation for Bridge Abutments
 - Drilling micropiles to support new bridge
 - Overnight Friday and full weekend work
 - Buses will replace train service during closure

Late Winter 2024/2025

- Precast Abutment Installation
 - Overnight Friday and full weekend work
 - Buses will replace train service during closure



Upcoming Construction Activities - 2025

Spring/Summer 2025

- Superstructure Demolition and Installation
 - Overnight Friday and full weekend work
 - Buses will replace train service during closure
 - East Street full roadway closure

Summer 2025

- Substructure Demolition and Wall Installation
 - East Street single-lane or full roadway closure

Summer 2025

- Road Work – Utilities
 - East Street single-lane or full roadway closure

Fall 2025

- Roadway Lowering and Construction
 - East Street single-lane or full roadway closure



Commuter Rail Service Impacts

- Double Track Outage for Micropile Installation
 - November/December 2024
 - Buses will replace train service
- Single Track Outages for Micropile Installation
 - November/December 2024
- Double Track Outages for Abutment Installation
 - Late Winter 2025
 - Buses will replace train service

- Double Track Outage for Superstructure Demolition and Construction
 - Early Spring 2025
 - Buses will replace train service



Traffic Impacts

The following work will require single-lane or full East Street roadway closures:

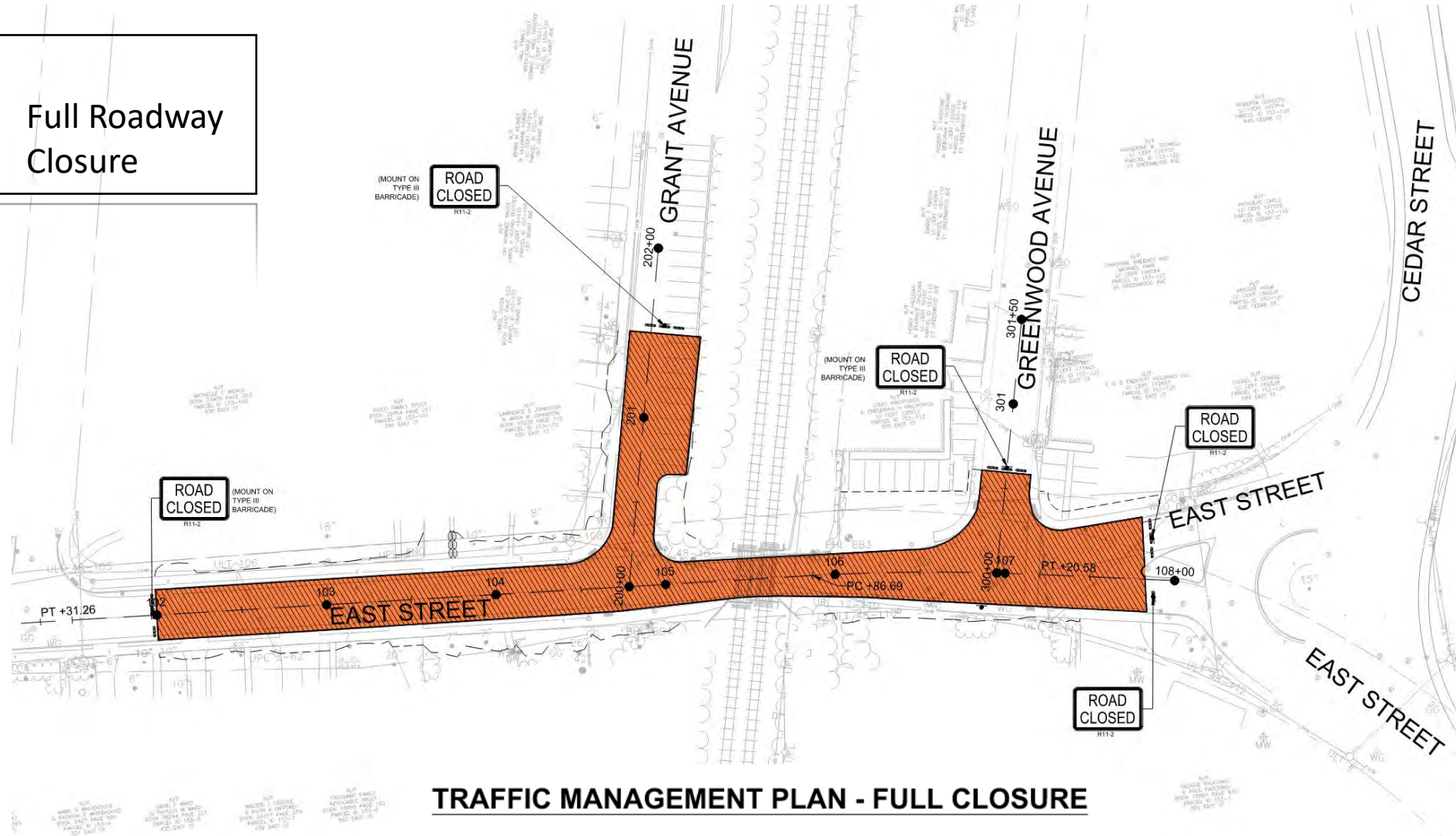
- Superstructure Demolition and Installation
 - Spring/Summer 2025
- Substructure Demolition and Wall Installation
 - Summer 2025
- Road Work – Utilities
 - Summer 2025
- Roadway Lowering and Construction
 - Fall 2025



Proposed Traffic Management and Detour Plans

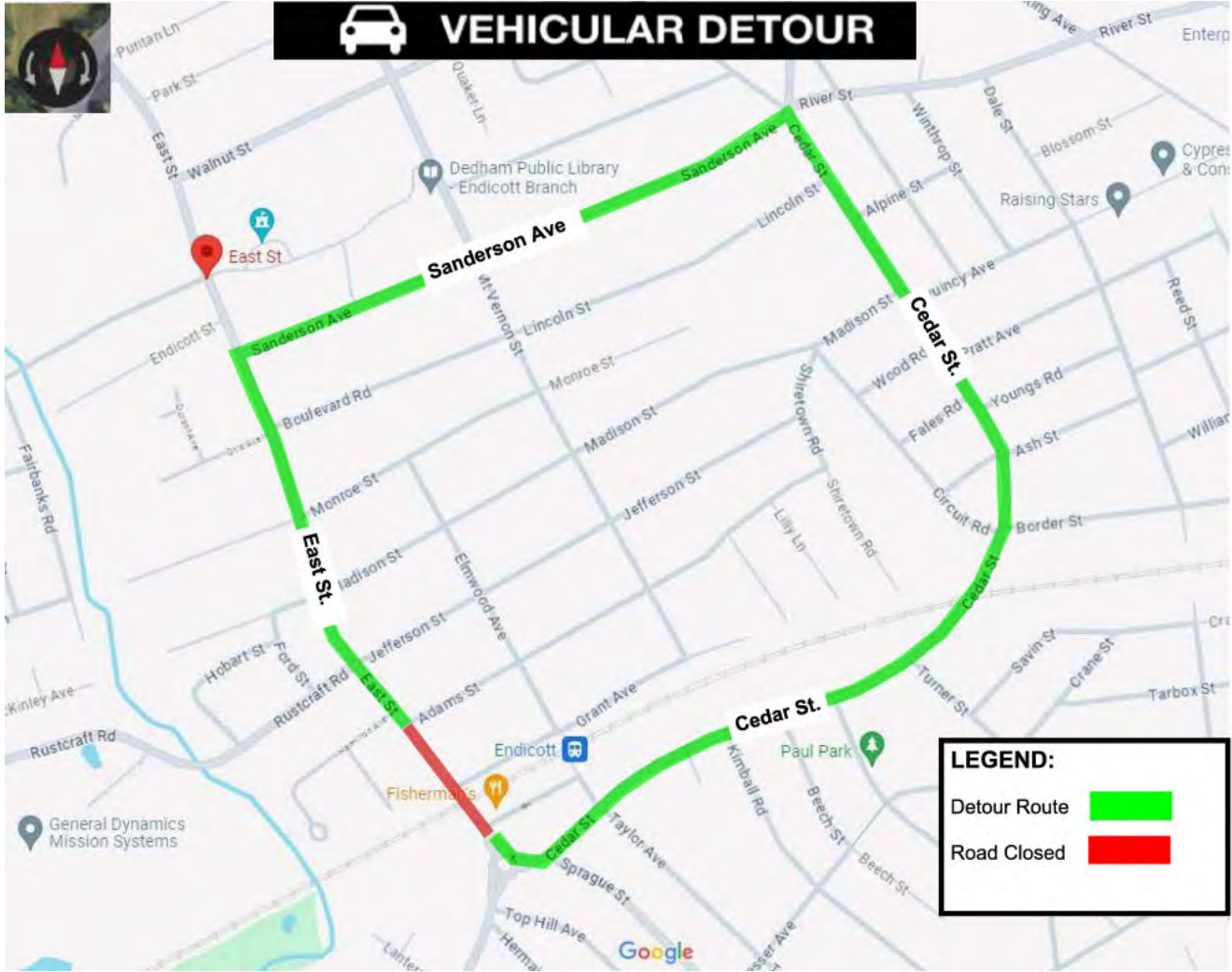
Legend:

 - Full Roadway Closure




TRAFFIC MANAGEMENT PLAN - FULL CLOSURE

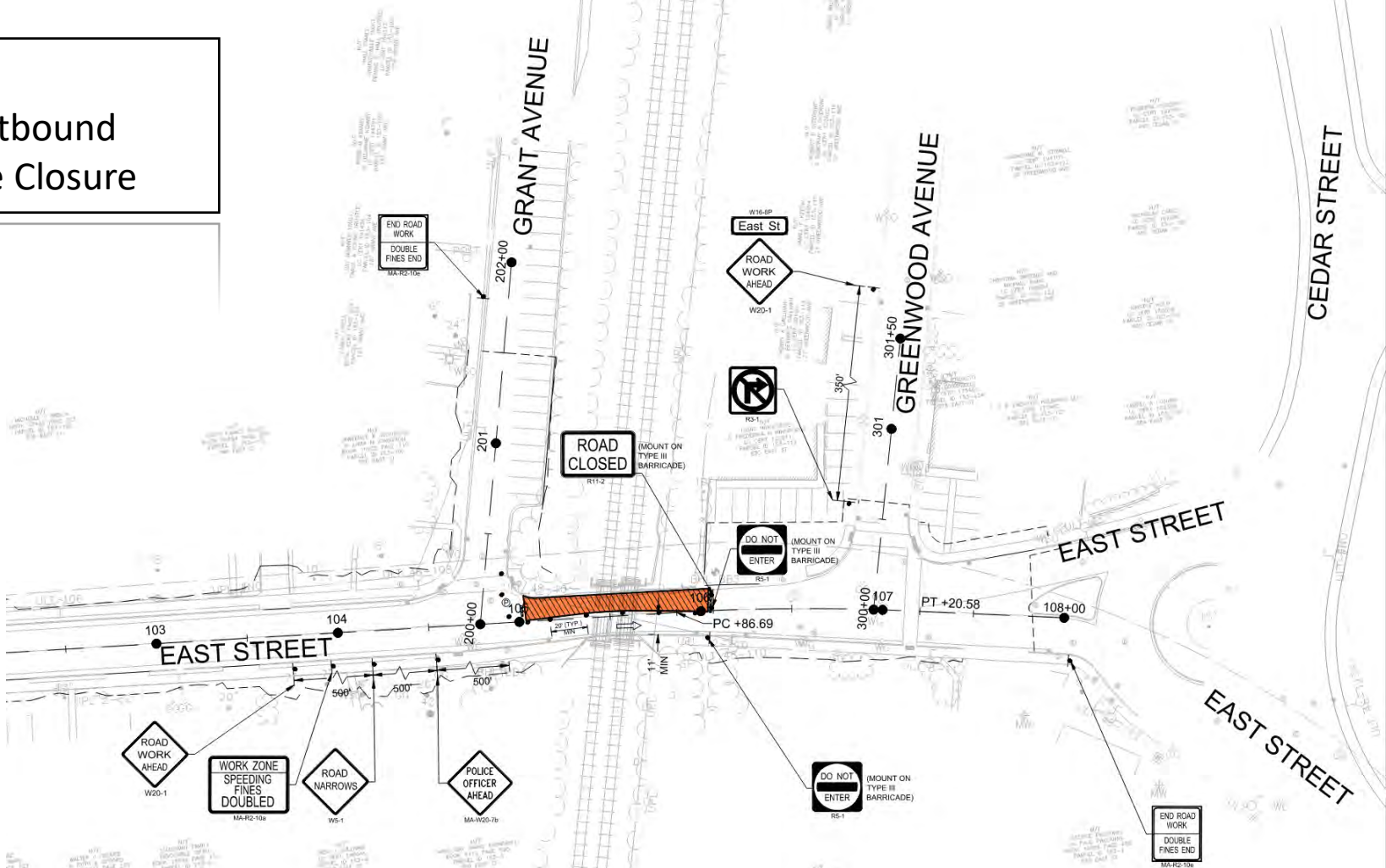
Proposed Traffic Management and Detour Plans (cont.)



Proposed Traffic Management and Detour Plans (cont.)

Legend:

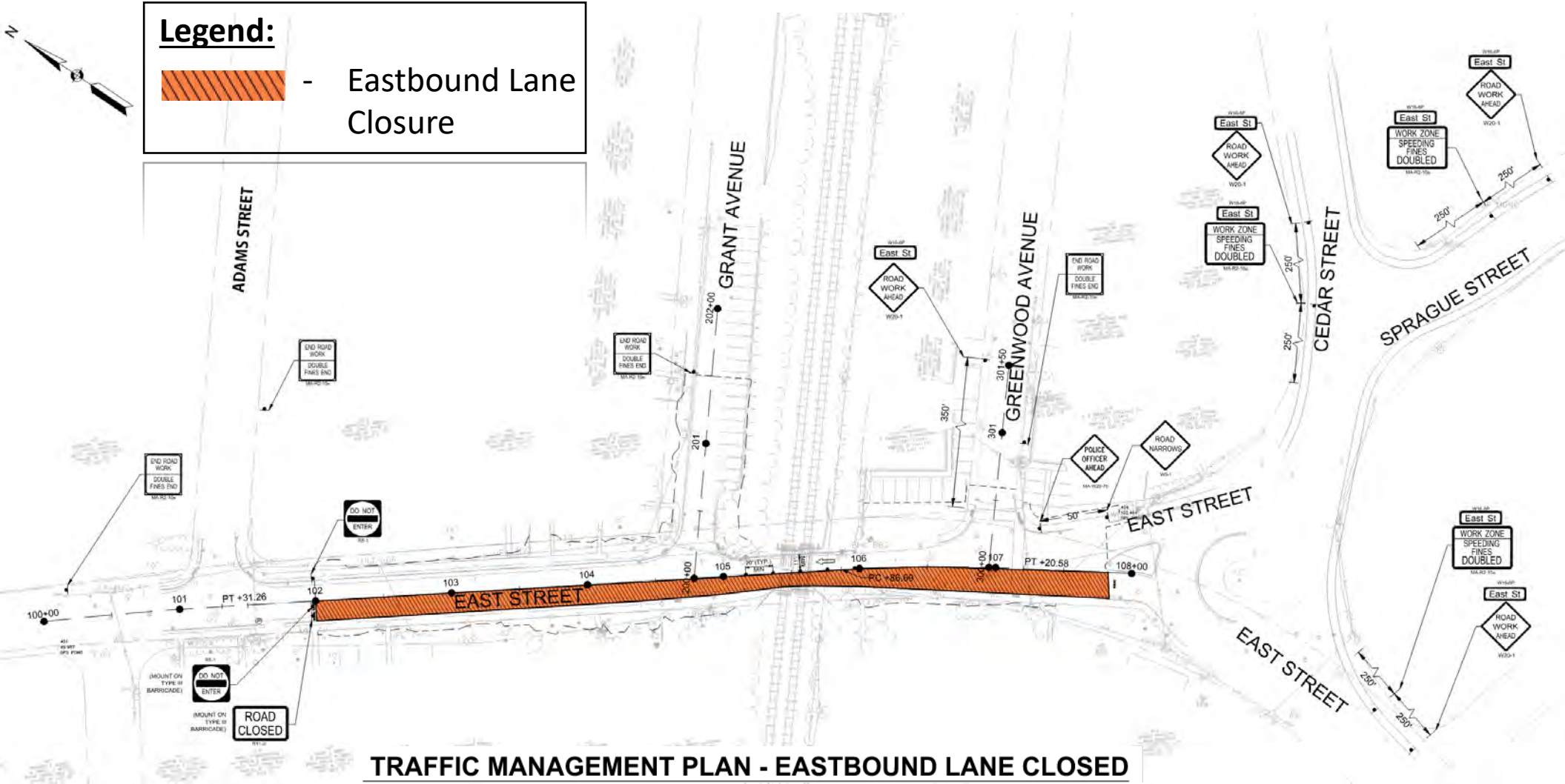
 - Westbound Lane Closure



TRAFFIC MANAGEMENT PLAN - WESTBOUND LANE CLOSED



Proposed Traffic Management and Detour Plans (cont.)



Stay Connected

- Email advisories
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- Website
 - www.MBTA.com/EastStBridge
- Questions or comments
 - EastStBridge@MBTA.com
- Hotline #: 617-918-7313



Q&A

- There are standing microphones in each aisle – if you have a question or comment, please line up behind the microphone nearest to you.
- We ask that you please limit your question or comment to 2 minutes so we can hear from everyone who would like to speak.

2:00





Massachusetts Bay Transportation Authority

Thank you!

For questions and comments please email EastStBridge@MBTA.com

Learn more at [MBTA.com/EastStBridge](https://www.mbta.com/EastStBridge)