



**Massachusetts Bay
Transportation Authority**

GM's Report to the Board

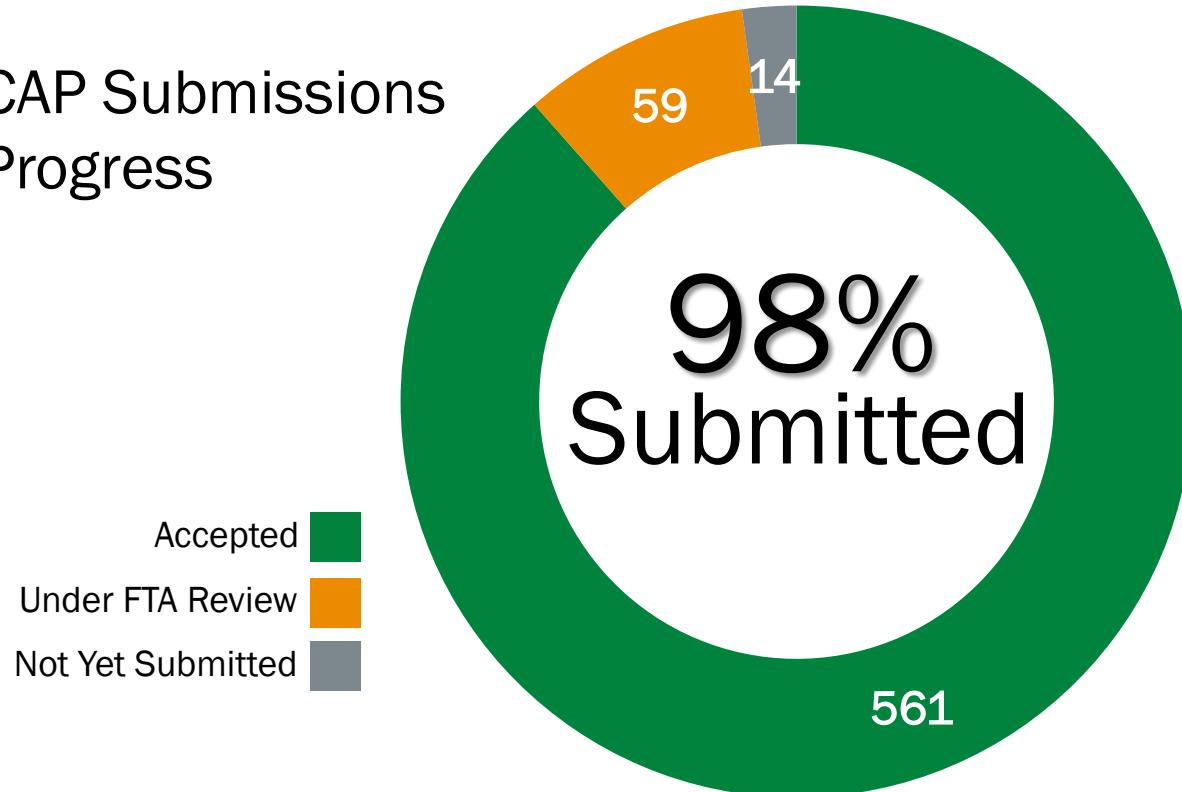
Phil Eng, MBTA General Manager and CEO

October 23, 2025

Significant Safety Improvements

FTA SMI Response Progress Summary

CAP Submissions
Progress



Accepted
Under FTA Review
Not Yet Submitted

Choose Transit: Full Ahead | With Gratitude for Our Riders

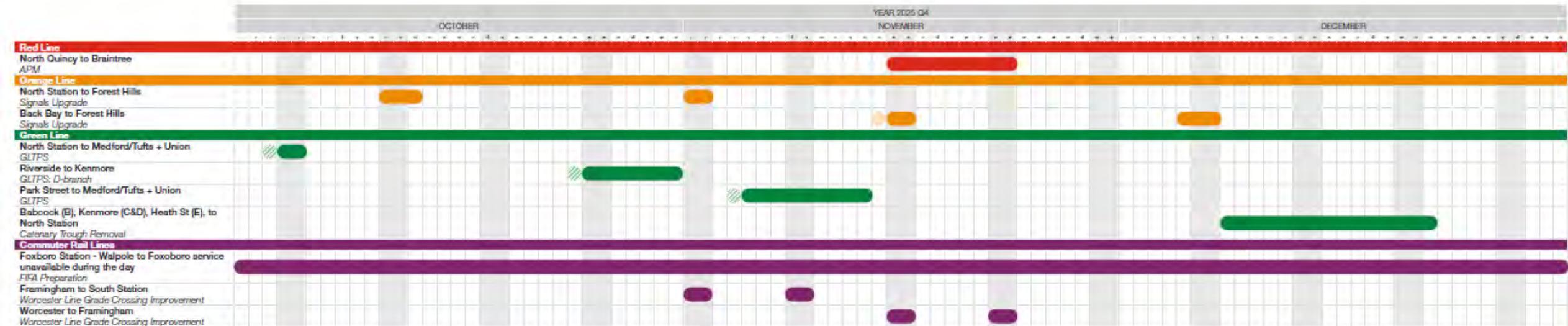
Updated: October 20, 2020



Construction Schedule Planning

Represents work impacting revenue service (no night orders);
For resource allocation planning and discussion

Remaining Diversions for 2025



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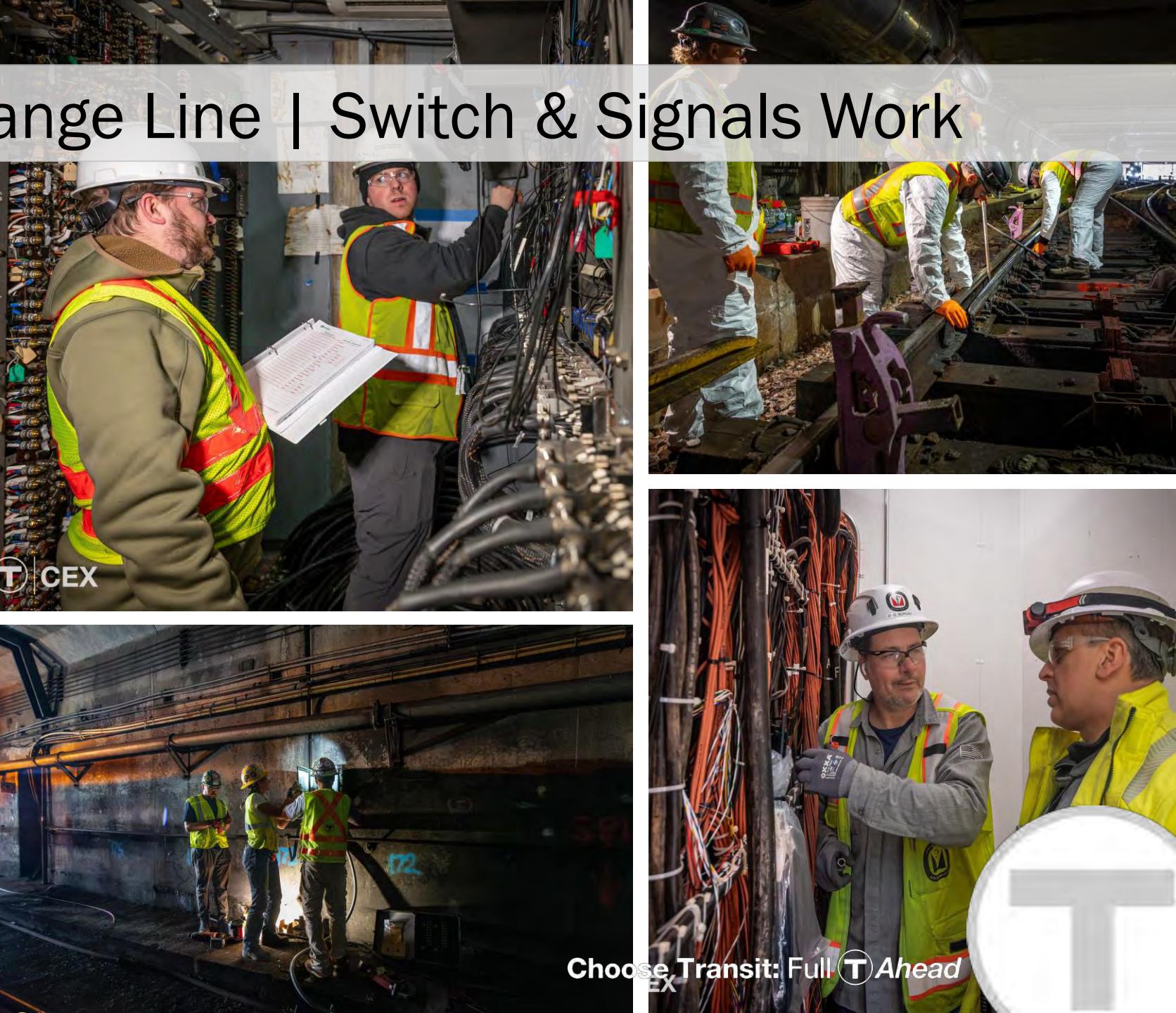


GLTPS Equipment Installations



Red Line & Orange Line | Switch & Signals Work

Modernization efforts focus on operational efficiencies and improving travel times.



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EX

Everett Bus Maintenance



Skills Development & Pride



In-House Vehicle Overhauls

Ryan D. Coholan, Chief Operating Officer

Mike Walsh, Chief Mechanical Officer

October 23, 2025

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In-House Bus Overhauls

Vehicle Maintenance is working toward new, more efficient and effective methods for maintaining the MBTA vehicle fleet.

Beginning soon with the MBTA's fleet of New Flyer 40-ft CNG Buses, will begin leveraging internal resources in a new way to complete mid-life vehicle overhauls “in-house” using internal resources and at MBTA facilities.



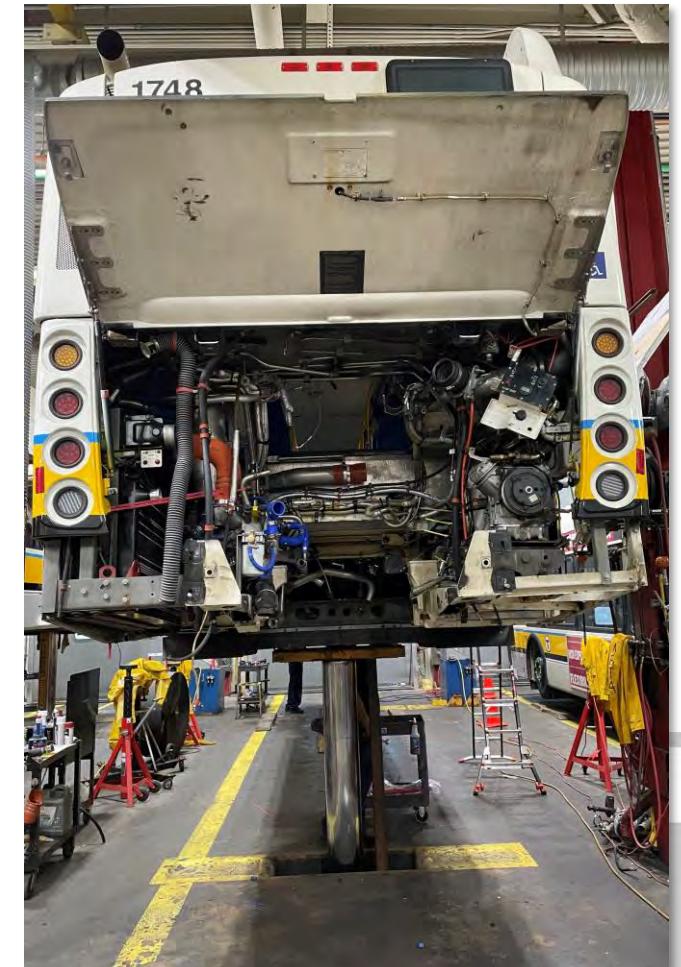
Vehicle overhauls are a critical, in-depth maintenance process to refurbish critical systems and components – they are essential to extending the lifespan of the vehicles and maintaining safety, reliability, and comfort for passengers and operators.

Approach

The fleet of 175 CNG Buses, purchased in 2016-2017, are due for their mid-life overhaul.

Rather than default to the traditional approach of utilizing a third-party vendor to complete the overhauls at an external facility, the MBTA Vehicle Maintenance team:

- 1 Analyzed the fleet's needs and created a revised specification
- 2 Determined how the maintenance work could be completed...
 - Through a combination of the overhaul process and scheduled maintenance
 - Using both Everett Main Repair & Bus Maintenance resources
- 3 Assessed each task for time and materials to determine most cost-effective approach for addressing
 - Ex. a purchasing new component vs. repairing
- 4 Created a plan for phased implementation over four years



Benefits

The in-house overhaul program will bring significant savings as well as provide workforce and service benefits.

Cost & Quality

- ✓ Significant savings vs. using external vendor
- ✓ Direct control over the scope (replace only what's needed, the most cost-effective way)
- ✓ Direct oversight over progress to help avoid cost overruns
- ✓ Work completed by MBTA workforce with firsthand knowledge of the vehicles that take pride in their work



Est. \$73 M in savings*
Outsourced: \$116 M
In-house: \$43 M

Workforce

- ✓ Invests in building and developing the workforce
- ✓ Will reinvest knowledge gained by overhaul staff to develop the skills of all staff and strengthen institutional practices
- ✓ Builds morale and confidence of employees



To support the overhauls...

- Everett Main Repair will add 8 Machinists, 4 Sheet Metal Workers, 2 Painters, and 1 Engineer
- Bus Maintenance will add 2 Machinists

Service

- ✓ Coordinated with Transportation to maintain service
- ✓ Vehicles more quickly returned to active service

*Estimated cost figures

What's Next

CNG Bus Fleet Overhaul

Phased implementation over four years
(4 buses / month / phase):

Phase 1
In progress
Power plant

Phase 2
FY27
HVAC

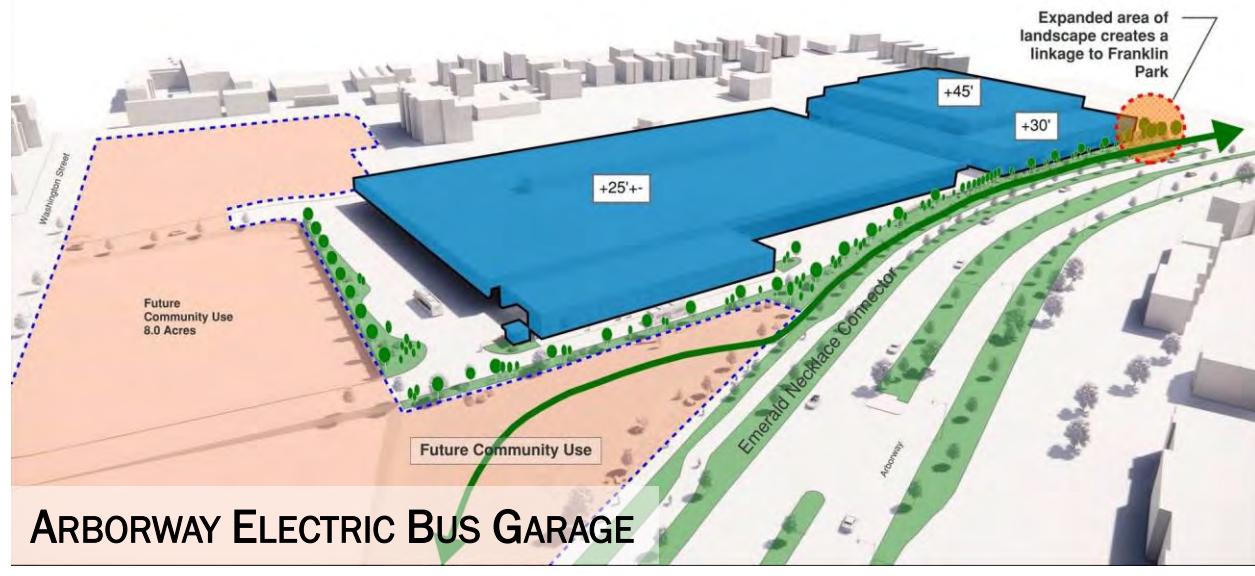
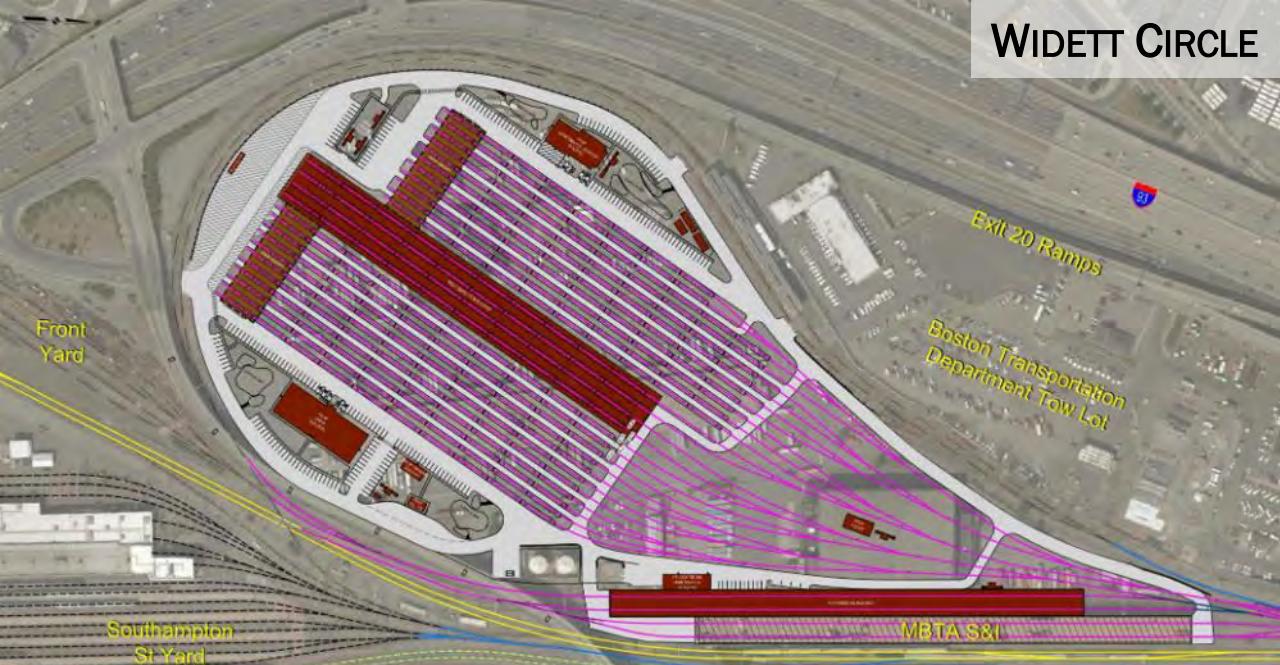
Phase 3
FY28
Front & rear axle

Future Overhauls

- Plan to perform all Bus overhauls in-house going forward – Bus Maintenance currently reviewing other fleets and developing plans to reduce future overhaul costs, including via RCM
- Vehicle Maintenance making plans for in-housing overhauls of other vehicle fleets



Conclude: In-House Vehicle Overhauls.



\$850M Fare Share Funds: Building for the Future



Choose Transit | Fall Rail Ride

Scenic MBTA Train starts
Oct. 25.

Connecting riders to
Western communities.

Bringing events closer.



BRUCE FREEMAN RAIL TRAIL



WACHUSSETT MOUNTAIN APPLEFEST

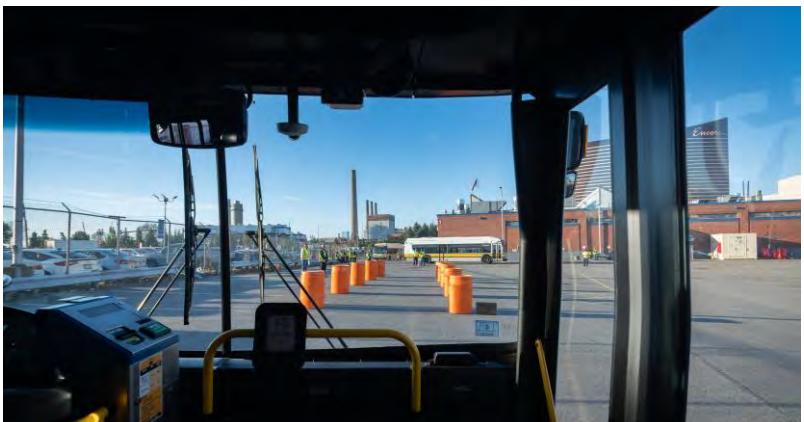


BRUCE FREEMAN RAIL TRAIL



WACHUSSETT MOUNTAIN APPLEFEST

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2025 Bus Roadeo | Developing & Showcasing Skills

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1ST MATT DICICCO



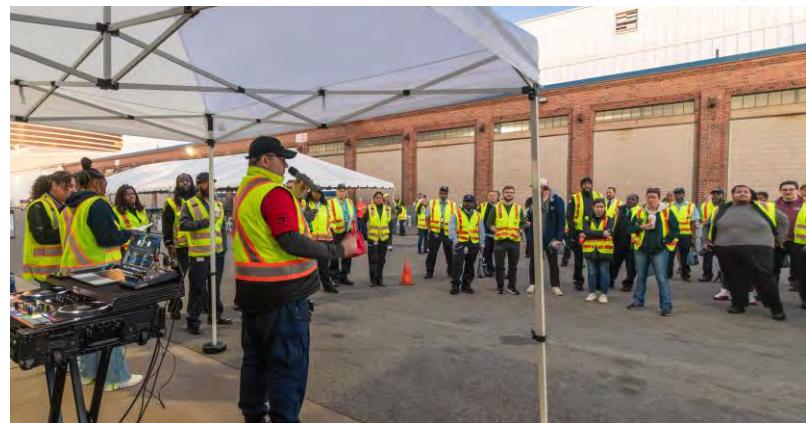
2ND FARID ISMAILI



3RD DAVID LILES

2025 Bus Roadeo | Winners





2025 Bus Roadeo | Labor Partnership

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Phillip Eng
Interim MassDOT Secretary and
MBTA General Manager & CEO



Vice Chair
Legislative Committee



Choose Transit: Full  Ahead | Elevating Transit Priorities

Thank You. Questions?

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