

Green Line Transformation (GLT) Update

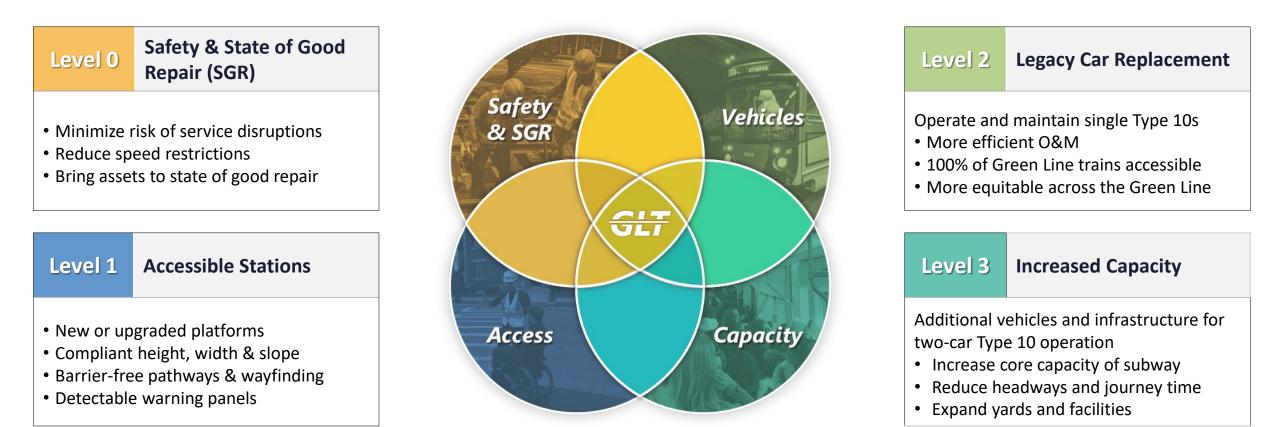
Fiscal and Management Control Board

June 21, 2021

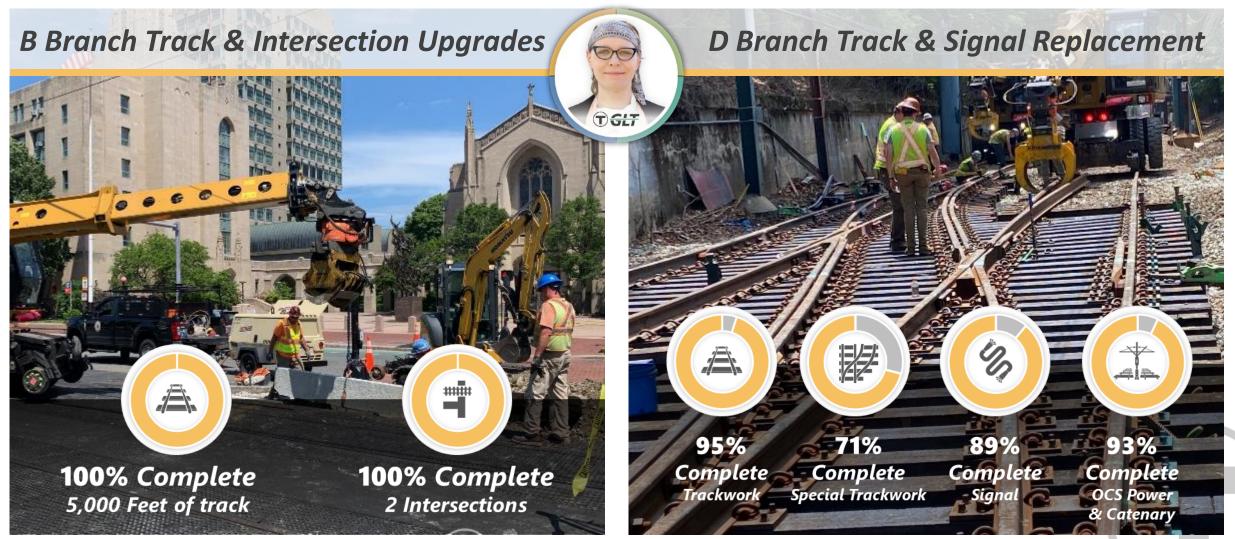
Angel Peña

Green Line Transformation | Program Goals

Program Goal: Improve the Green Line quality of service for all riders through strategic investments in Safety & State of Good Repair, Accessible Stations, Legacy Car Replacement and Increased Capacity



Level 0 | Safety & State of Good Repair (SGR)



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Accessible Stations | Short-term (0-5 years)



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Advancing Station Design | Long-term

Requires close coordination with the City of Boston and other stakeholders



*Example of conceptual renderings

Modernize stations from **Blandford portal to Boston College to accommodate accessible paths of travel and boarding** Add accessible platforms between Brigham Circle and Heath St in place of streetcar operation and improve pedestrian accommodations

*Example from early conceptual renderings

E Branch Station Accessibility Improvements*

Fleet Overview | Existing Trains

Type 7: Vehicle Entrance

- No low floor entrances
- Requires mobile lift for accessibility (if available)
- Paired with Type 8





Type 8: Vehicle Entrance

- Only middle door is low floor
- Bridge plate accessible with operator assistance





Type 9: Vehicle Entrance

- Only middle door is low floor
- Bridge plate accessible with operator assistance



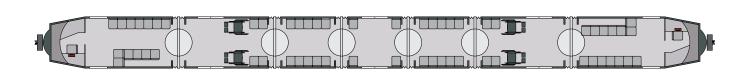


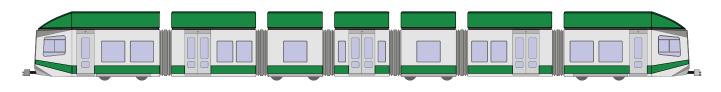
Type 10 Supercar | Forging Ahead Outcomes

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Type 10 Vehicle	Procurement			Design		Pilot	Pilot Vehicle Rollout					

Vendor bid proposals to be submitted on July 14, 2021

- ✓ An addenda was sent out changing the base contract to 102 cars from the original 165 car base order
- ✓ Options have increased to reflect the new base order quantity
- ✓ We anticipate to have good competition from multiple car builders





Type 10 Supercar: conceptual rendering

- + Low floors to allow for an accessible vehicle
- + Replace legacy fleet
- Reduced dwell times
- + Allows for improved operations and maintenance

Level 2 | Legacy Car Replacement

Before the Type 10 pilot arrives in 2026, new maintenance capabilities and yard accommodations are required



Systemwide Preliminary Design Underway

GLX (64 legacy)

Level 3 | Increase Capacity

Double Type 10 Fleet

- Analyzing number of option cars and funding required to meet future ridership demand
- Planning projects for operating double Type 10's including yard expansions and power upgrades

FTA Core Capacity Grant Program Eligibility



Green Line Transformation | Diverse Team Behind GLT

