

# Green Line Transformation

## Construction Project Updates



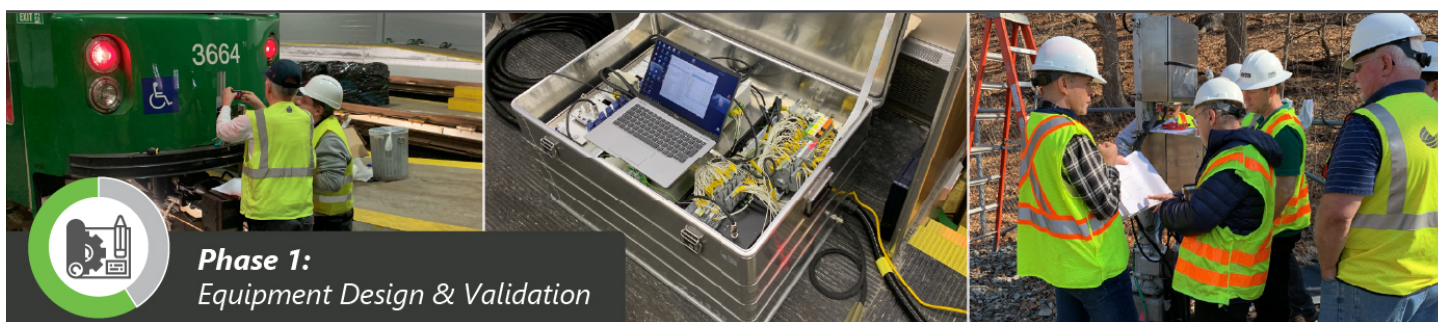
## Week in Review and Lookahead

Friday, March 25, 2022

This week, the Capital Transformation team presented the MBTA Board of Directors with an [additional way to accelerate the Green Line Train Protection System project](#), and the Board approved our proposal to award a new contract for vehicle installation services. This weekend, [shuttles will replace service on the D Branch](#) for a variety of maintenance work improvements to the overhead power system in the Fenway Portal.



## Green Line Train Protection System (GLTPS)



**Phase 1:**  
Equipment Design & Validation



**Green Line Train Protection System:** Combines vehicle and wayside equipment to avoid train-on-train collisions, add red-light signal protection, and incorporate speed enforcement

- ✓ **This Month | This week we released our [monthly GLTPS update](#).** Crews installed pre-production equipment on a Green Line vehicle at Riverside and wayside equipment at the Riverside test track. This equipment will be used to test and validate software. Collision avoidance software is being tested on a separate Type 7 vehicle (in parallel to the vehicle that has the pre-production equipment installed) Additionally, staff are performing inspections of pilot equipment at the manufacturing facility
- **Lookahead |** Crews will continue testing, inspecting new equipment, and developing the designs needed to add this important safety system to all Green Line vehicles