



U.S. Department  
of Transportation

**Federal Transit  
Administration**

Headquarters

1200 New Jersey Avenue, SE  
Washington, DC 20590

**SENT VIA EMAIL**

March 3, 2023

Mr. Jeff Gonneville  
Interim General Manager  
Massachusetts Bay Transportation Authority  
10 Park Plaza  
Boston, MA 02116

**Subject: Response to Closeout Request for FTA-TRA-22-009 (Green Line Work Train)**

Dear Mr. Gonneville:

On December 30, 2022, the Massachusetts Bay Transportation Authority (MBTA) submitted a Corrective Action Plan (CAP) closeout request for required action FTA-TRA-22-009 (Green Line Work Train). The MBTA developed this CAP as part of its response to interim findings issued in Special Directive (SD) 22-4: Track Maintenance from the Safety Management Inspection (SMI) initiated by the Federal Transit Administration (FTA) in April 2022.

**Closeout Approval for FTA-TRA-22-009 (Green Line Work Train)**

MBTA's CAP for FTA-TRA-22-009 includes four (4) action items, approved by FTA on August 10, 2022, to address the following SD 22-4 finding and required action:

- **Finding 9:** MBTA's Green Line work train has been inoperable for at least 8 months.
- **Required Action (FTA-TRA-22-009):** MBTA must restore Green Line work train capabilities.

To implement this CAP, between August 3, 2022 and December 30, 2022, MBTA submitted the following documentation demonstrating completion of the CAP action items:

- memoranda and work orders for preventive and corrective maintenance for: Green Line Crane Car #4360, Green Line Generator-Pump-Lift (GPL) Car #4361, and Green Line Flat Car #4362,
- procedures for converting from generator power to Overhead Catenary System (OCS) power for GPL Car #4361,
- GPL Car #4361 lift and generator operating procedures,
- operating manual for GPL Car #4361 and Flat Car #4362,
- brake test configurations and brake test results for Crane Car #4360, GPL Car #4361, and Flat Car #4362,

- power test configurations and results for Crane Car #4360, GPL Car #4361,
- signals and communications equipment list and current processes for use of Crane Car #4360, GPL Car #4361, and Flat Car #4362, and
- in-use schedule for Green Line Work Train.

FTA carefully evaluated this documentation and reviewed specific submissions with MBTA during bi-weekly meetings on SD 22-5 in November and December 2022. FTA conducted on-site verification regarding the performance of the Green Line work train on December 6 and 7, 2022 and on January 25, 2023. These verifications confirmed that Crane Car #4360, GPL Car #4361, and Flat Car #4362 have been repaired to a serviceable condition as documented in submissions to FTA and are satisfactorily supporting Green Line maintenance work.

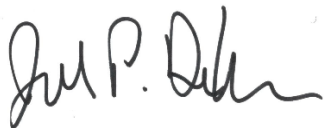
On January 26, 2023, MBTA supplied follow-up documentation, requested by the FTA team, verifying resolution of all open safety-related work order items for Crane Car #4360, GPL Car #4361, and Flat Car #4362, and providing a narrative description clarifying the engineering justification for acceptance of the service brake test results for Crane Car #4360, GPL Car #4361, and Flat Car #4362.

**Based on review of these submissions and the results of verification activity, FTA finds that these completed action items adequately satisfy the requirements of CAP FTA-TRA-22-009 and this CAP may now be closed.** Given the critical importance of this CAP for ensuring the MBTA's ability to complete maintenance on the Green Line, please be advised that FTA will continue to monitor use of the Green Line work train. Should the Green Line work train become unavailable for an extended period, and its work train capabilities remain unaddressed by other means, FTA may re-open this CAP. Also, prior to closing SD 22-4, FTA will conduct a final verification to ensure that the Green Line work train's capabilities continue to be operational.

## Conclusion

We appreciate your efforts to enhance MBTA's safety performance, and we look forward to working with you and your team as the MBTA addresses these findings and required actions. Please contact our SMI Coordinator, Erin Powell, by phone at (771) 200-8016 or by email at [Erin.Powell@dot.gov](mailto:Erin.Powell@dot.gov) with any questions.

Sincerely,



Joe DeLorenzo  
Associate Administrator and  
Chief Safety Officer  
Office of Transit Safety and Oversight

cc: Peter Butler, Regional Administrator, FTA Region 1  
Erik Stoothoff, Acting Chief Operating Officer, MBTA

Ron Ester, Chief Safety Officer, MBTA

Katie Choe, Chief of Quality, Compliance and Oversight, MBTA

Elizabeth Cellucci, Director, Transportation Oversight Division, Massachusetts

Department of Public Utilities (DPU)

Robert Hanson, Rail Safety Director, DPU