



Massachusetts Bay Transportation Authority

Joint Presentation – 2 Year Look Back, Safety Management Inspection

MBTA Board of Directors Meeting

September 26, 2024

Timothy Lesniak, Chief Safety Officer

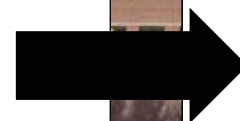
Meredith Sandberg, Chief of Quality, Compliance & Oversight

MBTA Safety and Quality Progress and Improvements

CORRECTIVE
ACTIONS



PROACTIVE
SOLUTIONS



LASTING
CHANGE



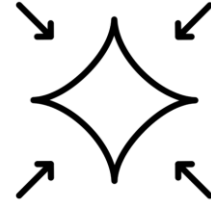
Safety and Quality Continuous Accomplishments and Improvements



Safety
Reporting



Service
Delivery



Safety
Compliance



Safety
Culture

SMI Response

86% submitted



Reduced Slow Zones

- 2023: 43 speed restrictions were removed on the Red Line and Green Line.
- As of August 2024: 117 speed restrictions eliminated across all four lines.



Transforming Safety Division and Our Safety Culture

4 Distinct Groups:

- Operational Safety
- Safety & Engineering Construction
- Safety Management
- Environmental

13 Departments that include New Dedicated Teams for:

- Safety Risk Management
- Construction Safety Plans
- Safety Documentation

Team Expansion:

- 78 team members in June 2024, team has more than doubled since 2022.
- Key roles filled, including Chief of Operational Safety
- Expanded office space for staff

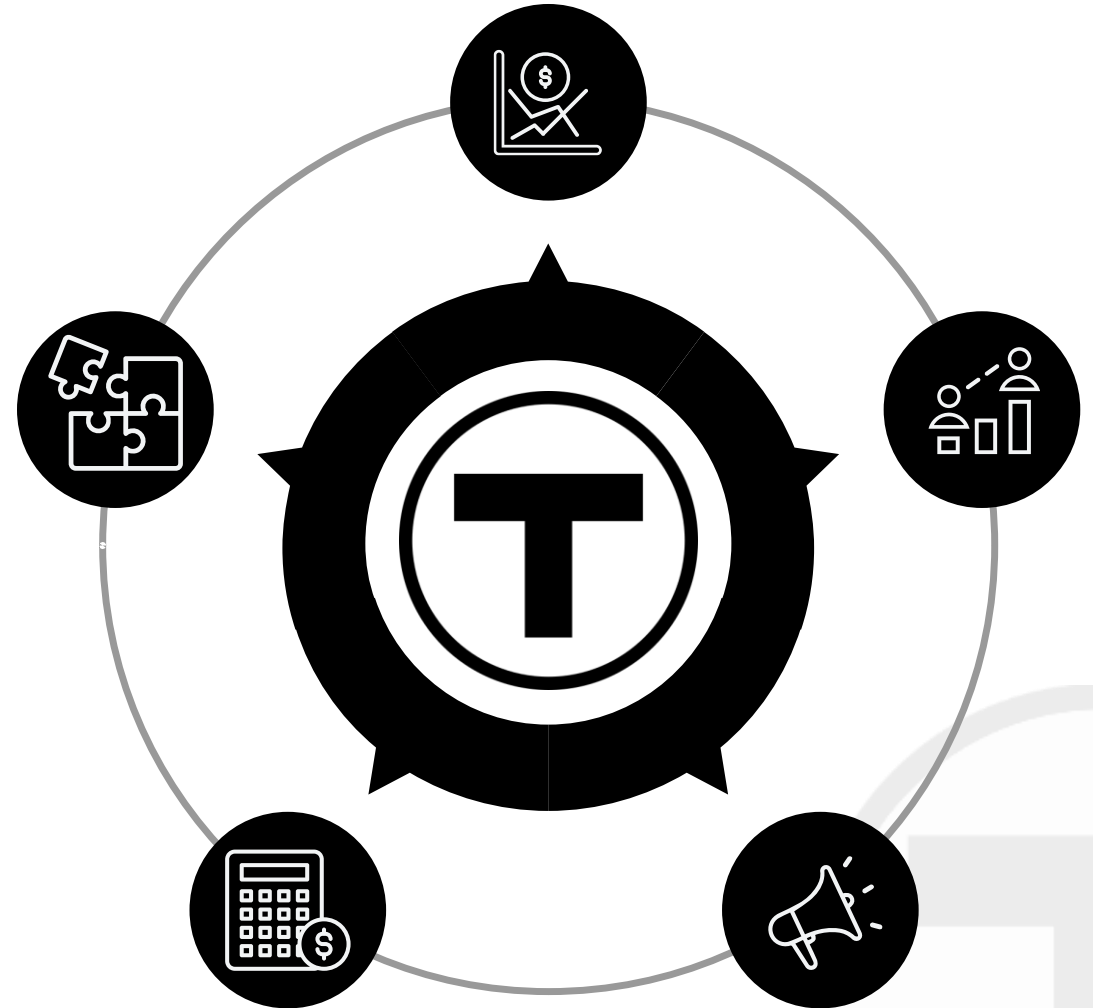
Gap Analysis

Safety Management System (SMS)

Transit Safety Plan (TSP)

SMS Implementation Plan

Construction Safety



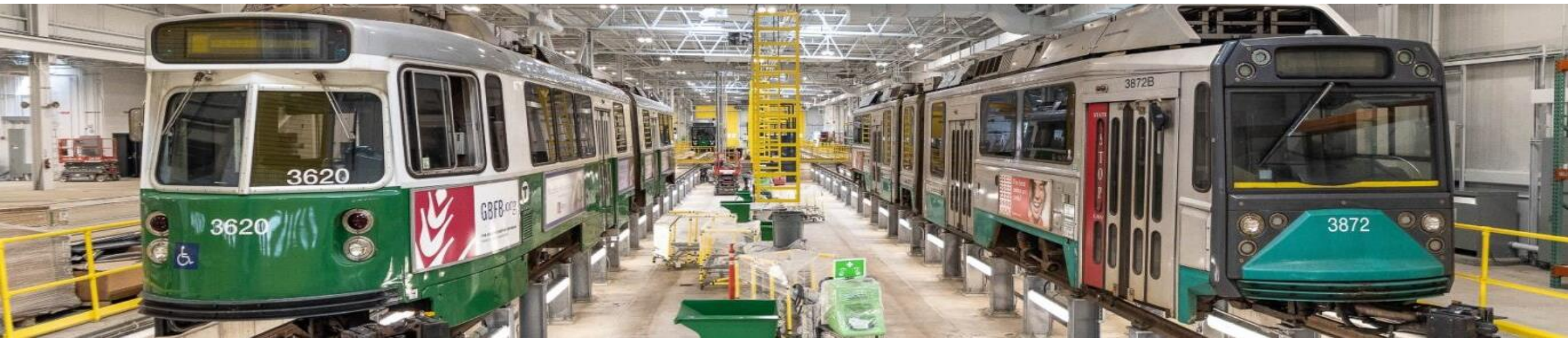
Safety Hotline

- Average of 105 employee hazard reports per quarter in 2024, an increase over 89 per quarter in 2023 and 74 per quarter in 2022.
- New Safety Hotline Portal launched to facilitate faster, clearer reporting and Safety Division response.



Safety & Security Certification

- MBTA updated its Safety and Certification Program Plan.
- Three-module training curriculum rolled out in April 2024, and completed 98% of required training by the June 30, 2024, deadline.
- 101 trainings conducted between April 24, 2024, and September 11, 2024
- Continue to provide training to capture new hires and have begun training consultants and contractors.



Safety Risk Management (SRM) Workshops



- Significantly increased in number of Safety Risk Management workshops. Increase between 2023 and 2024 year-to-date.
 - 13 workshops completed in 2023.
 - 35 workshops completed within first 8.5 months of 2024.
- 70% increase in the number of hazards proactively identified through SRM workshops between 2023 and 2024 (YTD).
- More than 200 mitigation activities performed to address hazards identified through SRM workshops.



DPU Incident Report Closures

- October 1, 2023: MBTA reported a backlog of approximately 37 open case incidents that required responses to the DPU.
- As of September 13, 2024: all of the 37 previously open case reports have been closed.
- The elimination of the report backlog has allowed the MBTA Safety Division to comply with and complete FTA SD 23-10 CAP 4 item 8 ahead of the schedule.



Safety Culture

- Leadership Commitment
- Employee Involvement/Feedback
- Open Communication
- Planning
- Accountability
- Follow-up





Questions?