



**Massachusetts Bay
Transportation Authority**

Safety Update

MBTA Board of Directors Meeting

December 13, 2023

Nancy Prominski- MBTA Deputy Chief Safety Officer

Discussion Topics

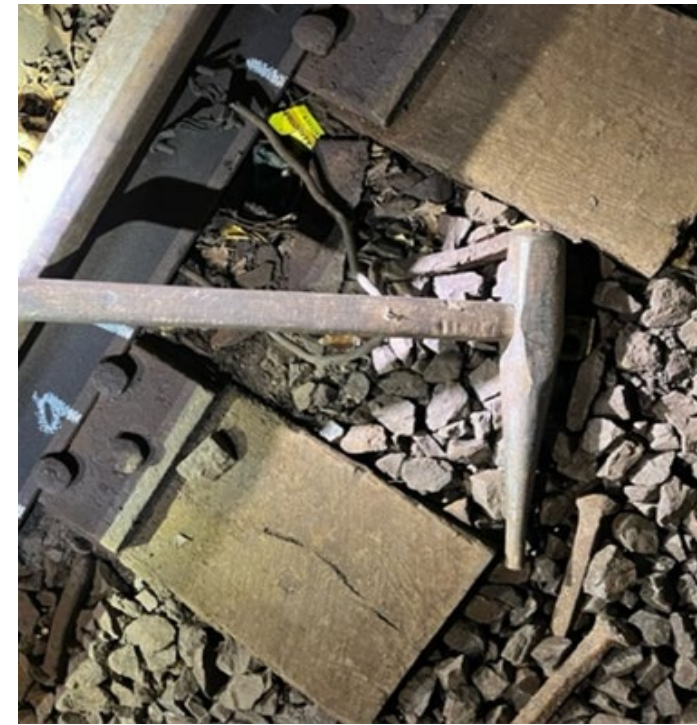
- Recent Safety Incidents
- Safety Updates to Tools and Equipment
- Safety Performance Indicators and Trend Analysis
- 2023 Agents of Safety Awards



Recent Safety Incidents

Safety Updates to Tools & Equipment

- Safety and Operations Divisions continue to work closely together to improve safety.
- Individuals work in very challenging environments, and we want to help ensure they have the tools and equipment that will keep them safe.
- Currently working to further enhance safety by identifying and procuring new and improved safety tools and equipment.
- Tools include insulated hand tools and cap protectors.




Safety Performance Indicators Trend Analysis

Bus

- Significant improvement in Total Bus Injuries and Rate of Bus Injuries (per 1 million revenue miles) between October 2022 and October 2023, decreasing total number of injuries from 43 to **31** and rate of injuries from 23.40 to **17.64**
- There were **15** Total Bus Safety Events in October
- The on-target YTD Total Number of Bus Safety Events at this point was **81.67**, our YTD total is **104** (106% of annual target)





Safety Performance Indicators Trend Analysis *Light Rail*

- In October, the MBTA averaged **8,034** revenue miles per major mechanical failure on the light rail, exceeding the performance target by a rate of **384** miles
- There were **5** Total Light Rail Safety Events in October
- The on-target YTD Total Number of Light Rail Safety Events at this point was **22.50**, our YTD total is **31** (115% of annual target)

Safety Performance Indicators Trend Analysis

Heavy Rail

- In October, the MBTA averaged **52,253** revenue miles per major mechanical failure on the heavy rail, exceeding the performance target by a rate of **8,753** miles
- The updated CY2023 Heavy Rail System Reliability Average is **61,925** revenue miles per major mechanical failure, exceeding the performance target by a rate of **17,425** revenue miles
- There was only **1** Total Heavy Rail Safety Event in October
- The on-target YTD Total Number of Heavy Rail Safety Events at this point was **20**, our YTD total is **22** (92% of annual target)



2023 MBTA Agents of Safety Awards



- Agents of Safety Awards are held annually to honor MBTA's safety employees for their outstanding performance.
- Award program acknowledges employees who have demonstrated high levels of safety excellence in their job performance or have provided valuable safety input that has affected a positive change.
- This year, awards were given to 36 individuals at a ceremony held on Wednesday, December 6.

Questions?

