



**Massachusetts Bay
Transportation Authority**

Safety Updates

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Discussion Topics

- 2025 Women in Safety Conference
- Orange Line Safety Series Event
- 2025 Safety Symposium
- Mitigation Monitoring Program
- Recent Incidents and Corrective Actions



2025 Women in Safety Conference



- Held on Friday, October 3, at OSHA Training Institute Education Center at Keene State College
- 11 Safety staff members attended
- Conference sessions included:
 - The Role of AI in Safety Management
 - Lithium-Ion & Lithium Metal Battery Safety
 - Confidence, Communication, and Conflict Resolution in Safety Leadership
 - Extreme Temperatures within Human Performance Strategy
 - How Learning Teams Drive Change and Build Psychological Safety



Orange Line Heavy Rail Safety Series Event



- Safety participated in Orange Line Safety Series event on Thursday, October 9
- PPE Bus was onsite to distribute PPE
- Team members discussed OSHA outreach trainings and other occupational safety topics



2025 Safety Symposium



- Safety Symposium was held on Tuesday, October 7
- Event held to facilitate an open dialogue between Safety leadership and frontline workers
- Presentations included an overview of the Safety Division structure and updates on key projects



Mitigation Monitoring Program: Overview

- Objectives

- Ensure safety controls from past CAPs and hazard mitigations are effective and performing as intended
- Direct any ineffective safety controls back into the Safety Risk Management process for reassessment and mitigation

- Methods

- Field observations
- Document requests
- Data collection and analysis

- Process

- Safety Division develops and implements a monthly schedule in consultation with mitigation owners
- Mitigations are selected annually based on risk for inclusion in the program



Mitigation Monitoring Program: Case Study

- CAP 8821 required standardization of pre-diversion testing and inspection process for switches to manage risk of non-revenue vehicle derailment
- CAP closed 2024, and incorporated into the Mitigation Monitoring Program in 2025
- Performed field observations and document reviews



Mitigation Monitoring Program: Case Study

- Field work activities:
 - Completed review of 26 switch certifications and obstruction tests prior to major work activities
 - Observed 6 pre-diversion switch inspections performed by MOW crews during 3 separate site visits
- All activities indicated that the updated pre-diversion testing process is applied consistently and achieves the desired safety outcomes



Recent Incidents and Corrective Actions



Questions?

