



**Massachusetts Bay  
Transportation Authority**

# Safety Updates

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MBTA Board of Directors Meeting

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# Discussion Topics

## Managing Safety Risk

- Short Train Operation
- Single Track Operation

## Recent Incidents and Corrective Actions

# Safety Risk Management: Short Train Operation

- SRM workshop discussions first began on short train operation in 2023 in relation to Orange Line trains
  - Due to issues with the then existing fleet, we needed to rapidly retire the fleet and there was concern regarding having enough trains to operate
  - New train delivery kept up with the needs and this process was shelved
- In 2024, Short Train Operation was resurrected, but on the Red Line.
- Using hazards and mitigations from the initial SRM workshop discussions in 2023, Red Line short train operation was able to be quickly field tested
- Field verification activities occur when short trains are in operation

# Safety Risk Management: Single Track Operation

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- A series of SRM workshops were hosted between May 2024 and January 2025 to review Single Track Operation risks and hazards
- The feasibility of Single Track Operation was tested with representation from Operations, Transit Rail Safety, and Systemwide Accessibility
- Supplemental SRM workshops will continue to manage safety risk as this operation evolves
- Single Track Operation offers continuous service when operation on both tracks is unattainable due to
  - Routine or construction work on one track
  - Maintenance hazards that need mitigation on one track
- Single Track Operation may or may not be supplemented with shuttle buses

# Recent Incidents and Corrective Actions



Questions?