



**Massachusetts Bay  
Transportation Authority**

# 2023 Transit Safety Plan

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Key Revisions for Approval by September 1, 2023

# 2023 Transit Safety Plan Update Overview

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- Per 49 CFR § 673.11 (a)(5) and 220 CMR 151.03, MBTA must review its Transit Safety Plan annually and, if updates are required, submit the Plan to DPU for approval on or before September 1.
- Factors influencing the annual plan update may include:
  - Internal and external audit findings
  - Investigation results
  - Trends in safety data
  - Organizational changes
  - Reassignment of functional responsibilities
  - Legal and regulatory changes
- Distinct from 49 CFR Part 270-based Commuter Rail System Safety Program Plan, which addresses 20 key policy and program requirements in FRA regulations



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- Prior to submittal to DPU, Plan review process includes:
  - Review and approval by Joint Labor-Management Safety Committee
  - Safety Management Review Committee review
  - Accountable Executive (MBTA General Manager) review and signature
  - Board of Directors SHE Subcommittee review
  - Board of Directors review and approval
  - Certification by Department of Public Utilities



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- Factors informing the 2023 update include:
  - FTA SMI Corrective Action Plan Requirements
  - Bipartisan Infrastructure Law Requirements



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- **Preface 1, Safety Policy Statement**
  - Updated and signed in consultation with GM Eng.
- **Preface 2, MBTA SMS Implementation**
  - Updates to reflect current status of SMS Implementation and key changes since December 2022 revision.
- **Section 1.3, Federal, State, and Local Authority**
  - Updated to include description of FTA SMI and status of SMI response.
  - Updated to discuss DPU authority to perform risk-based inspection activities of MBTA facilities and assets, including requirements for MBTA data sharing to support this process.



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- **Section 1.4, Plan Review, Revision, and Approval**
  - Updated graphics and description to reflect requirements for Joint Labor-Management Safety Committee and Board Safety, Health, and Environmental Subcommittee review of the draft Transit Safety Plan.
- **Section 2, SMS Supporting Elements**
  - Section title revised to better reflect section content, which includes both plan/policy references and an overview of MBTA's safety culture commitments.
- **Section 4.2, Safety Management Committee Structure**
  - Expanded description of safety committee structure and objectives, including discussion of strategic/tactical purpose for meetings at different levels and the role of employee participation.



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- **Section 3.1, MBTA Safety Performance Targets**
  - Targets updated for 2023, based on 2% reduction in three-year rolling average of performance from 2020-2022.
- **Section 5, Safety Risk Management**
  - Updated triggers for application of formal risk management, to include safety issues escalated from the Employee Safety Reporting Program and the Local Safety Committee meeting process.
  - “Reactive” and “Proactive” probability/likelihood levels renamed to “Events” (for reactive issues) and “Conditions” (for proactive analysis).
  - Updated description of mitigation monitoring process, including examples of compliance- and performance-based monitoring activities.



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- **Section 6.3, Data Analysis**
  - Expanded description of responsibilities and management structure for collection, storage, reconciliation, and reporting of safety data.
- **Section 8.1, Personnel Directly Responsible for Safety Oversight**
  - Updated with description of Deputy Chief Safety Officer role.
- **Appendices**
  - Acronyms and Definitions sections relocated to Appendices.
  - Appendix H added to list existing Safety Department Standard Operating Procedures.





# 2023 Transit Safety Plan Update

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- Questions / Discussion



# Proposed Board Vote

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## VOTED:

As required by 49 CFR § 673.11 (a)(1), the MBTA Board of Directors hereby approves the Massachusetts Bay Transportation Authority Transit Safety Plan, dated August 23, 2023, and presented to the Board on August 24, 2023.

