



# Massachusetts Bay Transportation Authority

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FTA Safety Management Inspection Update

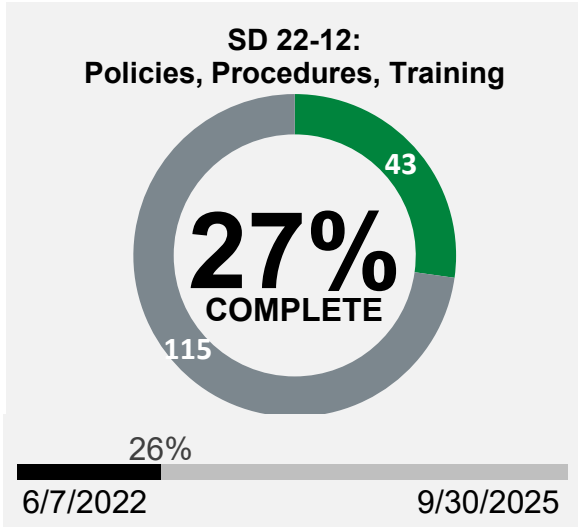
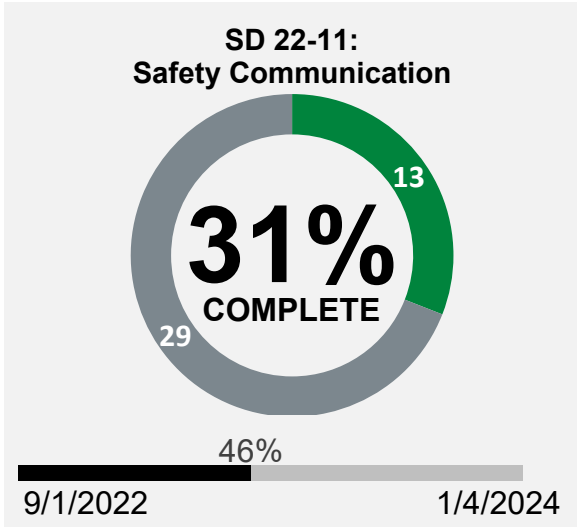
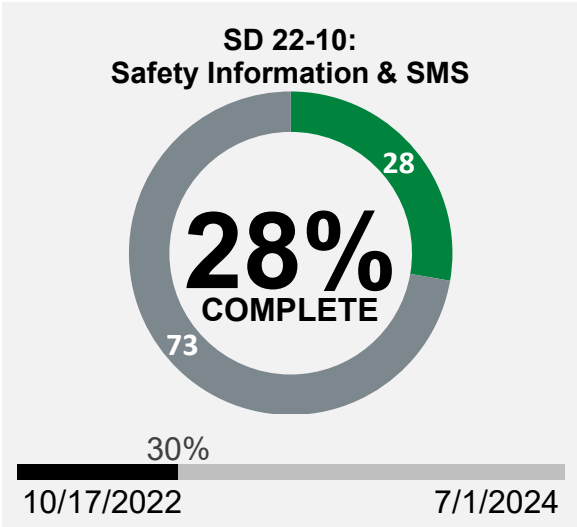
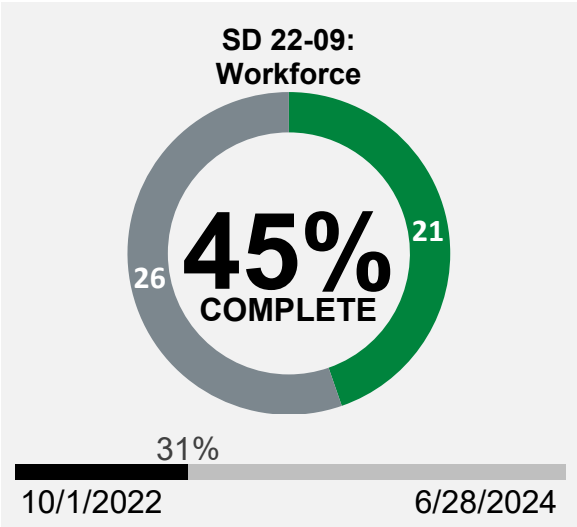
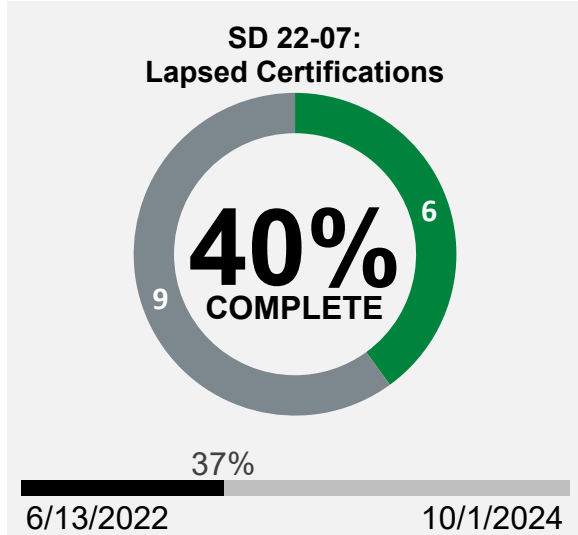
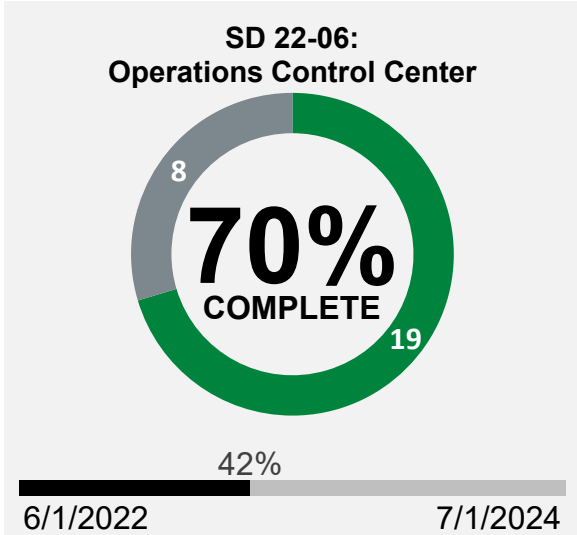
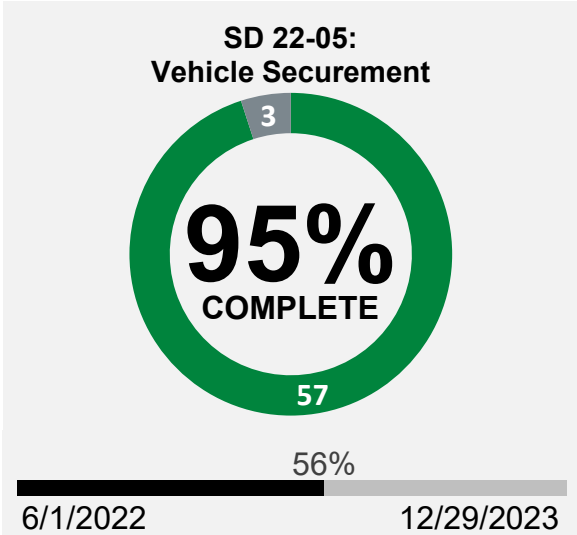
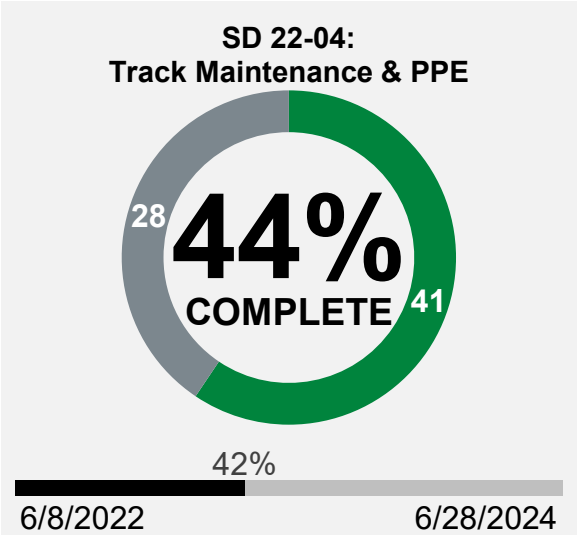
MBTA Board of Directors Meeting

April 19, 2023

Katie Choe, Chief of Quality, Compliance & Oversight



# FTA SMI Response Progress Summary



# SD 22-05: Findings and Required Actions

## Safe Vehicle Movement & Securement

### *Findings: The MBTA does not...*

Have or use **specific procedures** for yard movements of rail vehicles with known or suspected defective brakes or propulsion equipment

Adequately **train personnel** on the policies and procedures to safely move and secure rail cars with known or suspected defective brakes or propulsion equipment

**Verify** that personnel consistently use policies and procedures for movement of trains that do not have working brakes and working propulsion equipment

### *Required Actions: The MBTA must...*

- **Develop and implement specific written procedures** for yard movements of rail vehicles with known or suspected defective brakes or propulsion equipment.
- **Develop training and train personnel** on the policies and procedures to safely move rail vehicles with known or suspected defective brakes or propulsion equipment. Personnel is inclusive of all employees, contractors, oversight, or other individuals who access the rail system and facilities.
- **Create and implement a compliance program** to ensure personnel consistently and accurately use policies and procedures for yard movements of rail vehicles with known or suspected defective brakes or propulsion equipment. Personnel is inclusive of all employees, contractors, oversight, or other individuals who access the rail system and facilities.



# SD 22-05: Corrective Actions Plans (CAPs)

By the Numbers: 3 Findings: 0 Closed, 3 Ongoing

Timeline:



## Finding 1

Developed & Implemented New Vehicle Securement Procedures

SD 22-05, CAP 1



■ Action Items Completed ■ Action Items Remaining

## Finding 2

Completed Training of All Heavy and Light Rail Personnel

SD 22-05, CAP 2



## Finding 3

Developed Compliance Program and Prototyping to Validate

SD 22-05, CAP 3



# SD 22-05: Safe Vehicle Movement & Securement

- **REVISED** Yard Movement Safety Inspection
- **NEW** Yard Movement Inspection Checklist
- **REVISED** Carhouse Circle Check Inspection
- **REVISED** Rules on Making and Breaking Trains
- **NEW** Blue Flag/Blue Light Procedures



# SD 22-05: Impact Metrics

No unintended vehicle movements since the new procedures were put into place

3

Jan 2021 - Dec 2021

3

Jan 2022 - July 2022

0

July 2022 - Present





# SD 22-05: New Supplemental CAP

During the process of responding to SD 22-05, MBTA, in collaboration with FTA, has identified further opportunities to improve management processes of our rail vehicle fleet.

**Result:** A Project Improvement Plan for enhanced inspection procedures for the exterior of trains prior to revenue service has been submitted to the FTA as a supplemental CAP.



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Questions?

