



# Massachusetts Bay Transportation Authority

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FTA Safety Management Inspection Update

MBTA Safety, Health & Environment Committee Meeting

August 10, 2023

Meredith Sandberg, Acting Chief of Quality, Compliance & Oversight



# MBTA Finding Closure Progress

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## **Three Special Directive 22-06 OCC Findings closed, July 21, 2023:**

- Finding 1: Required weekly OCC passenger service schedules for each rail line and daily “as performed” schedules.
- Finding 2: Required MBTA to submit documentation confirming OCC staff have sufficient time off to recover between shifts.
- Finding 3: Required the MBTA to submit documentation confirming that, for each shift, OCC supervisors are not scheduled to perform both supervisory and dispatcher roles.

## **MBTA has requested closure of Finding 4 (CAP 4)**

- Finding 4: MBTA requires its OCC personnel to work in a fatigued state as a pattern and practice; closure requested Aug. 4, 2023.



# Operational Safety Improvement Pilots

## Immediate Action Letter Safety Workplan Pilots



OCC ROW worker location pilot



Green Line worker ahead pilot

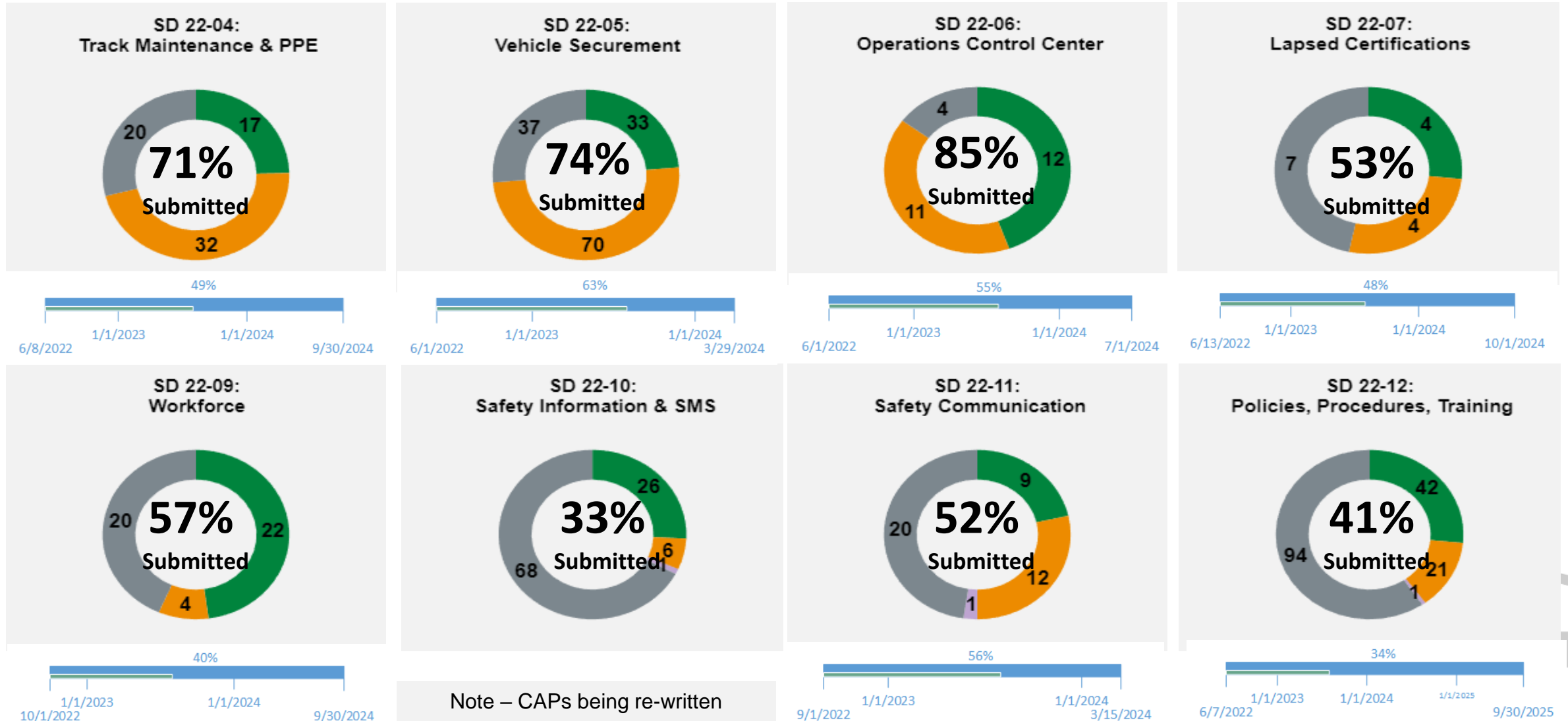


Exterior Vehicle Inspection (EVI) pilot





# FTA SMI Response Progress Summary



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# Questions?



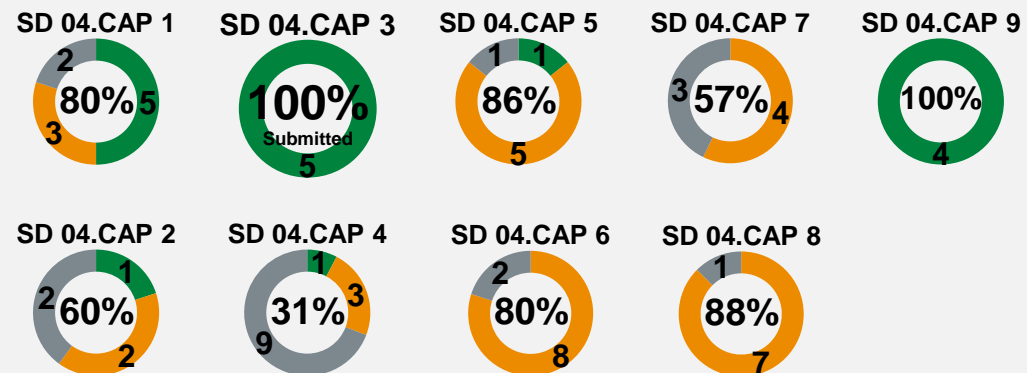
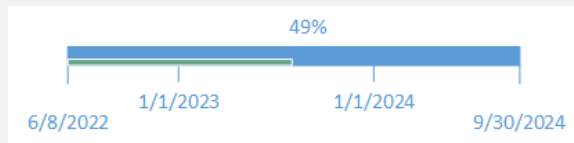


# SD 22-4: Track Maintenance & PPE

- F1: Publishing updated Rulebook for Operations Employees incorporating PPE requirements
- F2: Reporting against our PPE compliance program on a monthly basis
- ✓ F3: Raised Tufts Curve Speed Restriction after completing Cologne Egg replacement – CAP CLOSED
- F4: Received recommendations for ROW planning and maintenance efficiency improvements
- F5: Submitted budget requests for MOW equipment and resource needs
- F6: Developed Capital Funding Request & Plan for Accelerated Implementation of EAM
- F7: Developed and Implemented New Weekly Speed Restriction Report for Executives
- F8: Worked with MOW and CT to update SMRP to account for new speed restrictions, submitted our new format to FTA for our quarterly update
- ✓ F9: Restored Green Line Work Train to Working Order – CAP CLOSED

## By the Numbers:

- 9 Findings: 2 Closed, 7 Ongoing



Submissions Accepted  
Under FTA Review

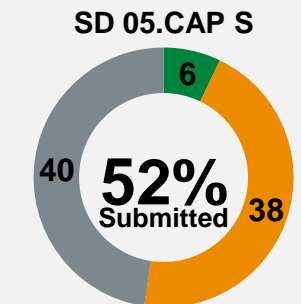
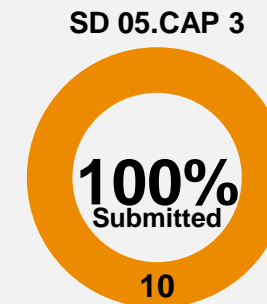
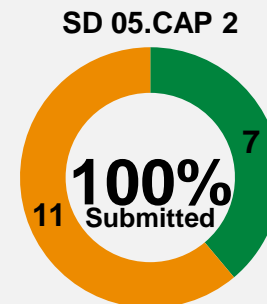
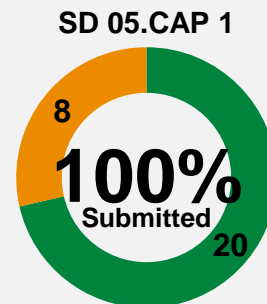
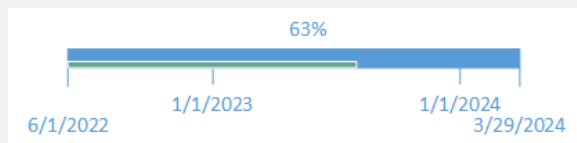
Resubmittal Required  
Not Yet Submitted

# SD 22-5: Vehicle Securement

- F1: Submitted Supplemental CAP for Pre-Trip Inspections
- F2: Completed Training of All Heavy and Light Rail Personnel
- F3: Implemented Compliance Program for Safe Movement
- Supplemental: Orange Line pilot starting this week

## By the Numbers:

- 3 Findings: 0 Closed, 3 Ongoing

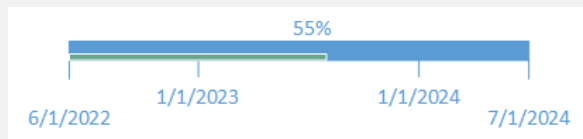


# SD 22-6: Operations Control Center

- ✓ F1: Ensured that staff working in OCC are certified – FINDING CLOSED
- ✓ F2: Established policies to ensure OCC staff have sufficient time off between shifts – FINDING CLOSED
- ✓ F3: Established Operating Procedures to Ensure No Staff Performing Dual Roles – FINDING CLOSED
- F4: Ensured 100% Compliance with Work Hour Restrictions – CAP closure requested
- F5: Staffed to 26 Dispatchers Including Supplemental Resources
- F6: Implementing plan to make OCC role more attractive
- F7: Recertified 100% of OCC Staff

## By the Numbers:

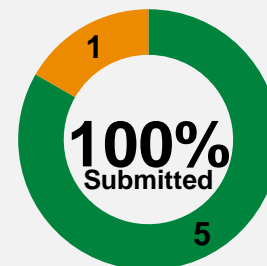
- 7 Findings: 3 Closed, 4 Ongoing



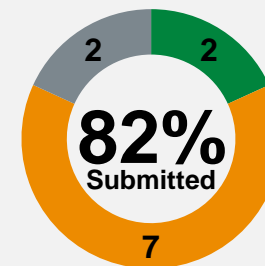
SD 06.CAP 4



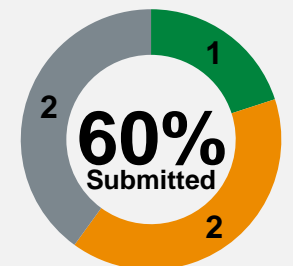
SD 06.CAP 5



SD 06.CAP 6



SD 06.CAP 7





Submissions Accepted  
Under FTA Review

Resubmittal Required  
Not Yet Submitted

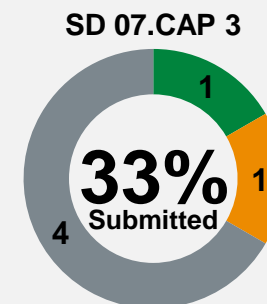
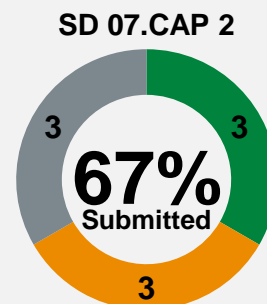
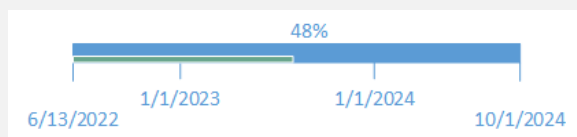
# SD 22-7: Lapsed Certification Process

- F1: Ensured 100% of Operating Personnel Are Current in Certifications
- F2: Ensured 100% of Operating Personnel Are Current in Certifications Submitted Special Order revision
- F3: Ensured 100% of Operating Personnel Are Current in Certifications

## Designing and Implementing Certification Management Procedures

By the Numbers:

- 3 Findings: 0 Closed, 3 Ongoing



Submissions Accepted  
Under FTA Review

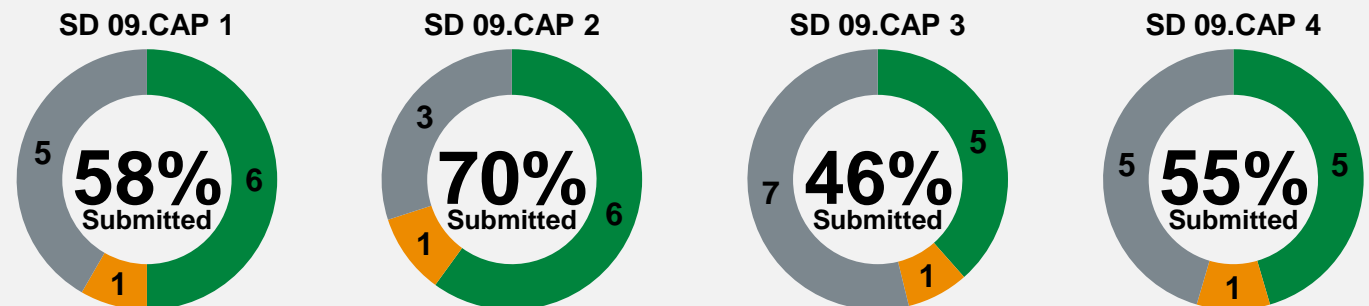
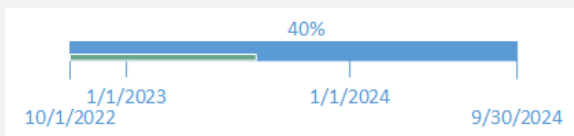
Resubmittal Required  
Not Yet Submitted

# SD 22-9: Workforce

- F1: Reviewed approach and interim deliverables in depth with FTA
- F2: Began Hiring & Recruitment Plan Status Review
- F3: Submitted Safety Engineering & Certification Best Practices
- F4: Implemented Contractor Outreach and Engagement Program

## By the Numbers:

- 4 Findings: 0 Closed, 4 Ongoing



# SD 22-10: Safety Information & SMS

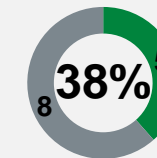
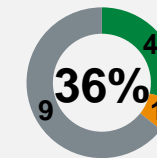
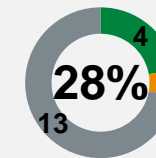
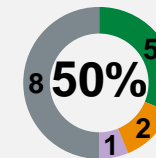
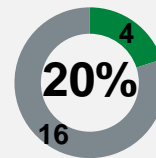
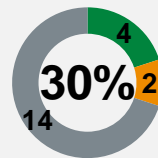
- F1: Reworking CAP in collaboration with FTA
- F2: Reworking CAP in collaboration with FTA
- F3: Reworking CAP in collaboration with FTA
- F4: Reworking CAP in collaboration with FTA
- F5: Reworking CAP in collaboration with FTA
- F6: Reworking CAP in collaboration with FTA
- Completed Safety Department Staffing Analysis and submitting weekly hiring updates to FTA

## By the Numbers:

- 6 Findings: 0 Closed, 6 Ongoing

Note – CAPs being re-written

SD 10.CAP 1      SD 10.CAP 2      SD 10.CAP 3      SD 10.CAP 4      SD 10.CAP 5      SD 10.CAP 6



Note – CAPs being re-written

Submissions Accepted  
Under FTA Review

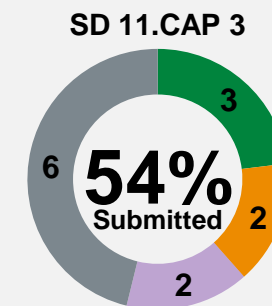
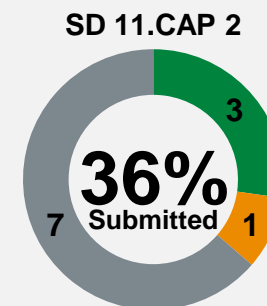
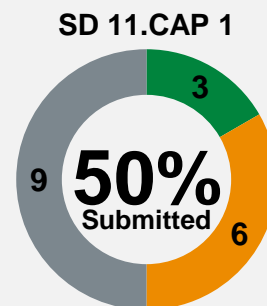
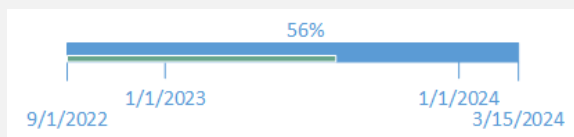
Resubmittal Required  
Not Yet Submitted

# SD 22-11: Safety Communication

- F1: Established Meeting Manager Cohort and Peer Sharing Submitted Best Practices
- F2: Scheduled & Published Local Safety Committee Meeting Series
- F3: Published Employee-Focused Safety Helpline SOP Submitted Plan for ESRP SRM Integration

## By the Numbers:

- 3 Findings: 0 Closed, 3 Ongoing



■ Submissions Accepted  
■ Under FTA Review

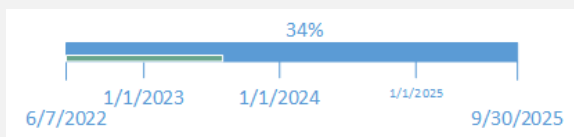
■ Resubmittal Required  
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# SD 22-12: Policies, Procedures & Training

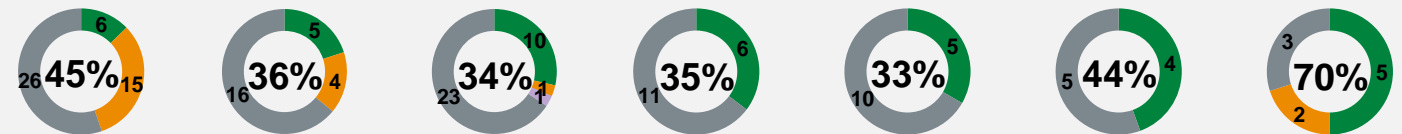
- **F1: Submitted rewritten CAP to FTA**
- **F2: Submitted rewritten CAP to FTA**
- F3: Revised Quality Management Plan based on FTA feedback
- F4: Assessed Current State Of Training And Developed Recommendations for Training Governance
- F5: Developing Workforce Feedback Workshop on Technology Tool needs
- F6: Selected Technical Support for Expanded Mentorship Program
- F7: Completed Repairs on 17 of 18 Radio Weak Spots

## By the Numbers:

- 7 Findings: 0 Closed, 7 Ongoing



SD 12.CAP 1   SD 12.CAP 2   SD 12.CAP 3   SD 12.CAP 4   SD 12.CAP 5   SD 12.CAP 6   SD 12.CAP 7



Note - CAPs being re-written