

Washington Metropolitan Area Transit Authority
Board Action/Information Summary

Action Information

MEAD Number:
201663

Resolution:
 Yes No

TITLE:

FTA Safety Management Inspection Plan Update

PRESENTATION SUMMARY:

The Federal Transit Agency (FTA) Safety Management Inspection Report included recommendations and required a final corrective action plan within 90-days. WMATA's final response to the recommendations and summary are included within this presentation.

PURPOSE:

To provide the Safety & Security Board Committee an update on the recommendations and Metro's ongoing activity in submitting the final corrective action plans for FTA's approval.

DESCRIPTION:

On September 11, 2015, WMATA submitted the final corrective action plans for all 91 recommendations to the FTA for approval. These plans clearly detail the steps and action owners to remediate all recommendations as required by the FTA.

Key Highlights:

- The FTA's Safety Management Inspection (SMI) documents 54 findings (44 for Metrorail and 10 for Metrobus) and requires WMATA to respond to 91 actions. These findings mirror many of the concerns already being addressed by WMATA. The report also recognizes "clear and substantial progress" over the last several years, industry leading progress in fatigue risk management and safety measurement systems.
- WMATA is aggressively and systematically moving towards closing all these recommendations through documenting the appropriate corrective action plans, communicating these plans to external agencies and stakeholders, and providing progress updates.
- WMATA and FTA staff worked collaboratively allowing the corrective action plan to be submitted prior to deadline, on Friday, September 11th.

Background and History:

The smoke and arcing insulator incident in the tunnel near L'Enfant Plaza Station on January 12th resulting in multiple injuries and a fatality has driven several external agencies to examine WMATA practices. In each of the separate welcomed reviews, WMATA has provided countless documents, access and cooperation in an effort to use

any recommendations as a roadmap towards improving safety for our customers and employees. The FTA Safety Management Inspection conducted March 16 through April 3, 2015 with the final report issued to WMATA on June 17, 2015 included 91 actions; 78 for Metrorail and 13 for Metrobus.

Discussion:

WMATA has reviewed the final report and identified corrective actions to be implemented to address many of the issues provided in the external reviews. These actions will be highlighted, along with reviewing and reprioritizing resources to ensure timely closures. On the July 13, 2015, WMATA formally responded to the FTA addressing all actions, whether identifying correction actions already ongoing, planned actions to close findings, and/or request for clarification. In addition, WMATA has met with representatives of the FTA on July 24th and August 27th to clarify and further discuss some recommended actions. The official and final corrective action plan was submitted to the FTA on September 11, 2015.

FUNDING IMPACT:

At this time, this is an informational item presented to the Board Committee.

TIMELINE:

Previous Actions	Present FTA SMI Action Plan as an information to the Safety and Security Committee on 23rd of July 2015.
Anticipated actions after presentation	Upon FTA acceptance of corrective action plan, the Authority will track, report and close all 91 recommendations.

RECOMMENDATION:

To inform the Board's Safety & Security Committee of the status of the developing FTA Safety Management Inspection Corrective Action Plan.



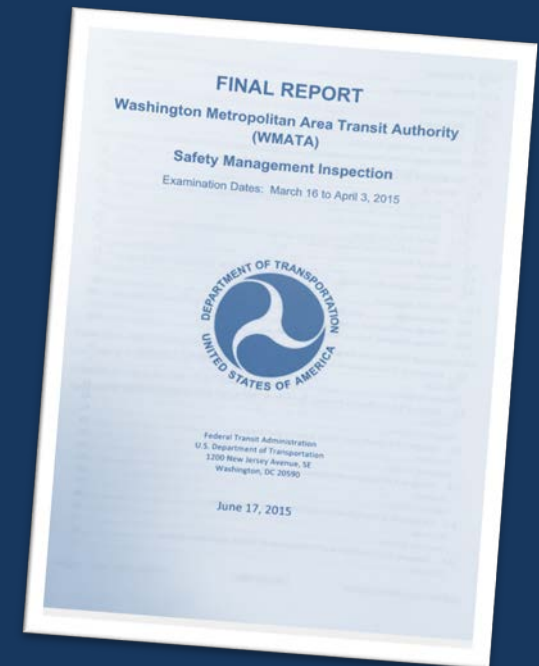
Washington Metropolitan Area Transit Authority

Action Plan in Response to FTA Safety Management Inspection

Moving Metro Forward **Safely**

Safety and Security Committee
September 25, 2015

- 2012: MAP-21 provides FTA authority to conduct inspection
- March 16 – April 3, 2015: FTA Safety Management Inspection (SMI)
- June 17, 2015: FTA Final Report issued
- July 13, 2015: WMATA filed initial response
- July 24, 2017: 1st Meeting with FTA
- August 27, 2015: 2nd Meeting with FTA
- September 11, 2015: Official submittal of plan





Overview of Findings



Federal Transit Administration
Safety Management Inspection

44 Metrorail Findings

1. ROCC Staffing and Procedures (14)
2. Ineffective Training & Compliance (8)
3. Insufficient Track Time for Maintenance (4)
4. System-wide Maintenance Issues (7)
5. Fire Life Safety (2)
6. Performance of Information Technology (4)
7. Tunnel Ventilation System (3)
8. Outstanding items (2)

10 Metrobus Findings

1. Protection of Bus Operators (1)
2. Insufficient Training (2)
3. Inconsistent Testing & Compliance (3)
4. System-wide Maintenance (2)
5. Performance of Information Technology (2)

Required Actions: 91

Metrorail 78, Metrobus 13



Hazard Categorization

- All 91 recommendations rated for hazard “severity” and “probability” of occurrence
 - No unacceptable hazards (highest hazard)
 - 50 are rated undesirable
 - 18 are rated acceptable with management review
 - 23 are rated acceptable without need for review
- Regardless of rating ALL will be mitigated
- Hazard identification based on Military Standard 882-C
- Used to prioritize hazards / focus resources

Frequency of Occurrence	Hazard Categories			
	Catastrophic 1	Critical 2	Marginal 3	Negligible 4
A = Frequent	1A	2A	3A	4A
B = Probable	1B	2B	3B	4B
C = Occasional	1C	2C	3C	4C
D = Remote	1D	2D	3D	4D
E = Improbable	1E	2E	3E	4E

External Reviews of WMATA



American Public Transportation Association
Peer Review of Rail Operations Control Center &
Ventilation Controls



Federal Transit Administration
Safety Management Inspection (SMI)



National Transportation Safety Board
Investigation of Smoke / Electrical Arcing Incident



Government Accounting Office
Examination of WMATA's Progress Towards
FTA and NTSB Recommendations



Next Steps

- Finalize financial impact to FY16 budget
- Track through internal (SAFE) CAP database
- Add regular status reporting to internal/external stakeholders