



**Massachusetts Bay
Transportation Authority**

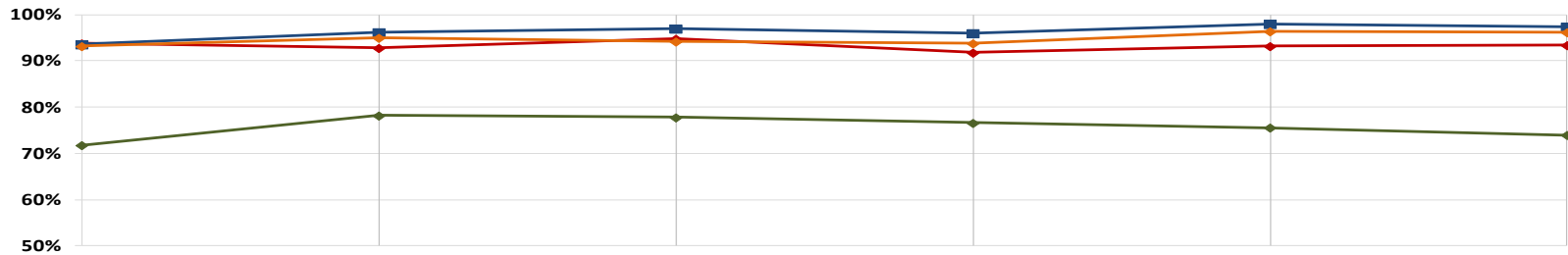
COO Remarks

January 30, 2017

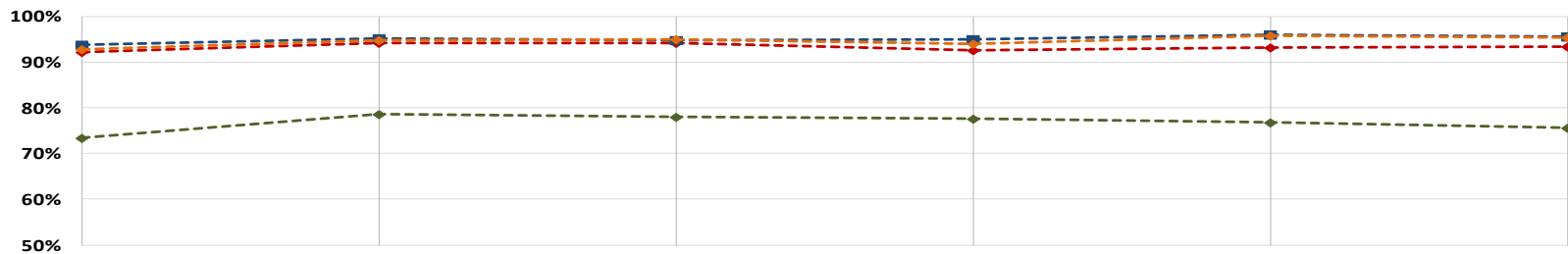


Weekly Reliability

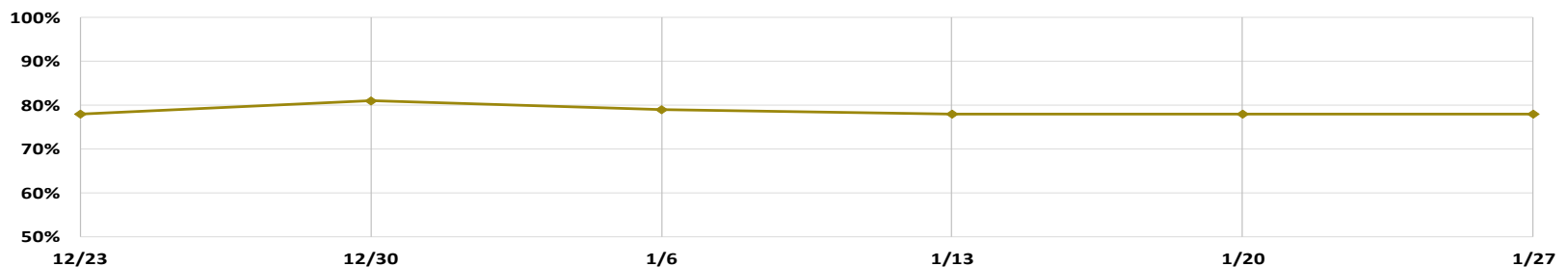
Rail Reliability: Peak



Rail Reliability: Offpeak



Bus Headway Adherence





Power Department- Employee Safety

On December 29, 2016 a Power Department Employee was seriously injured while cable slicing.

Follow-up actions:

1. Safety Consultant hired to conduct work place safety assessment for all Engineering and Maintenance Divisions.
2. Third party job site random safety assessment contract under development.
3. Senior Power Department Management coordinating with IBEW on future training partnership.
4. Power Dept. actively researching alternative methods and practices.



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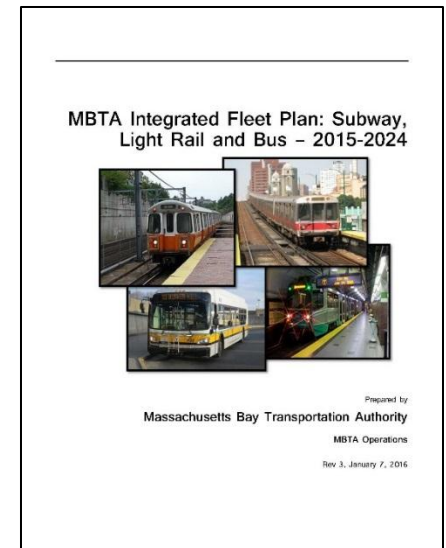
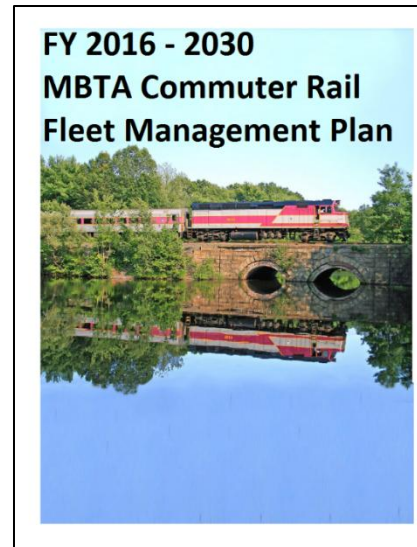
Revenue Vehicles Fleet and Facilities Plan

January 30, 2017



Past Fleet Plans

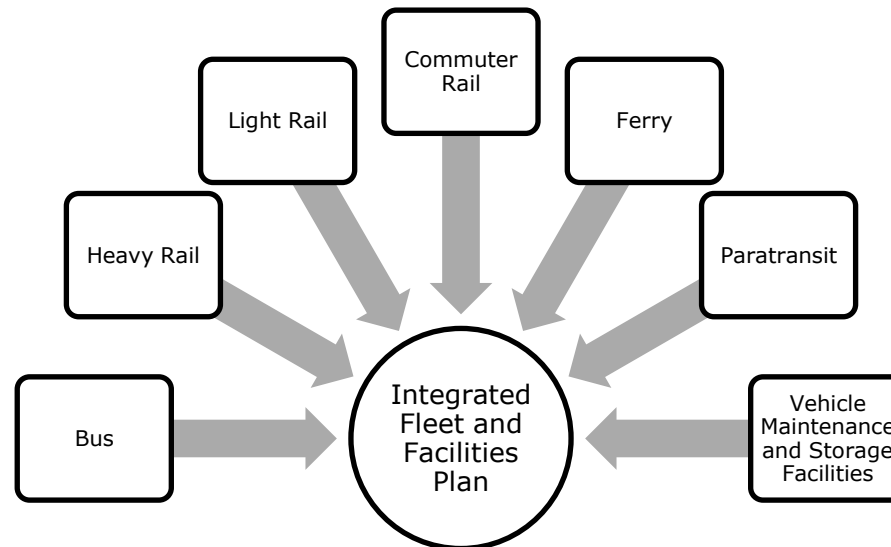
- Previous Fleet Plans were separated into three focus areas
 - Subway, Light Rail and Bus
 - Commuter Rail
 - Paratransit





Objectives of Combined Fleet and Facilities Plan

- Transition to complete and fully integrated approach
- Provide baseline for proactive vs. reactive maintenance planning
- Refresh recommendations to reflect evolving/shifting fleet needs
- Enhance capacity through improved vehicle management





New Fleet and Facilities Plan -- Scope and Core Objectives

- Develop **Integrated Fleet and Facilities Plan** covering 1, 5, 10, and 15 year time
 - Establish accurate baseline inventory of fleet and facility assets
 - Identify major capital funding needs (current and upcoming)
 - Document overall goals/mission to guide fleet and facilities strategy
 - This document will be used to plan future CIP requests
 - This plan will be drafted in close coordination with Focus 40 and the FMCB Strategic Plan



Key Proposed Elements and Vehicle Projects

- Optimal fleet size and replacement plan
- Constraints on fleet size
- Alternative procurement and financing methods
- Efficient propulsion systems (GHG reduction)



Green Line fleet replacement



Commuter rail procurement vs. rehabilitation



Capacity increases and review of facility requirements



PCC car due diligence evaluation



Project Schedule

- Initial authorization issued December 21, 2016
- Fleet and Facility assessment activities underway
 - Estimated completion March 2017
- Industry Peer survey and interviews
 - Estimated completion March 2017
- Evaluate and define major Capital needs
 - Estimated completion April 2017
- Progress updates to FMCB
 - Mid March 2017
 - Mid May 2017
- Development of Fleet and Facilities Plan
 - May through July 2017