**Safety Reports presented by MBTA staff to the Fiscal and Management Control Board, the MassDOT Board, or the MBTA Board of Directors: 2018-Present**

\*Not intended to be exhaustive

\* **January 29, 2018: MBTA Quarterly Safety Report**

From Meeting Minutes: Chairman Aiello next called upon Ron Nickle, Chief Safety Officer to present Agenda Item I, the Quarterly Safety Update. General Manager Ramirez began the presentation by discussing FTA and DPU regulatory updates and changes and discussed the workplace safety improvement initiative. The General Manager noted that he signed an Occupational Health & Safety Plan on January 17, 2018 and discussed the program development and implementation.

Mr. Nickle continued the presentation and discussed facility inspections, employee injuries, assaults on employees, derailments, bus collisions and bus and subway fatalities, as set forth in the attached document labeled, “MBTA Quarterly Safety Report, January 18, 2018.”

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/january/2018-01-29-fmcb-quarterly-safety-report.pdf>

\* **February 26, 2018: GM Remarks concerning Red Line Derailment at Andrew Station**

 From Meeting Minutes: Next, Vice Chair Poftak called upon Deputy General Manager Jeffrey Gonneville to present Agenda Item D, the General Manager’s report on behalf of the General Manager and Agenda Item E, the report of the Deputy General Manager.

Mr. Gonneville first provided the General Manager’s Report which focused primarily on the February 21, 2018 derailment at Andrew Station, the investigation and findings to date, and noted that the Board will be provided further information when it becomes available. Mr. Gonneville concluded the GM report with an update on customer experience and customer communications, as set forth in the attached document labeled “General Manager’s Remarks, February 26, 2018.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/february/2018-02-26-fmcb-gm.pdf>

\* **March 12, 2018: Deputy GM Remarks concerning commuter rail Lowell Line derailment**

 From Meeting Minutes: Next, the Chair called upon Deputy General Manager Jeffrey Gonneville to present Agenda Item E, the Report from the Deputy General Manager. Mr. Gonneville updated the Board on the winter storm of March 8, 2018, specifically the Lowell Line derailment and downed trees over the Green Line. Mr. Gonneville continued with a brief update on the Red/Orange Line car procurement and announced the Winthrop Bus would now be accepting Charlie Cards on their bus fare boxes, as set forth in the attached document labeled “Deputy GM Remarks, March 12, 2018.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/march/2018-03-12-fmcb-dgm.pdf>

\* **April 30, 2018: Quarterly Safety Report [Written Submittal]**

 From Meeting Minutes: Due to time constraints, Agenda Item M, Safety Update, was presented in writing as set forth in the attached document labeled “MBTA Quarterly Safety Report, April 30, 2018.”

<https://www.mbta.com/events/2018-04-30/fiscal-management-control-board-meeting>

\* **June 18, 2018: Deputy GM remarks concerning Green Line service disruption**

 From Meeting Minutes: Next, Chair Aiello called upon Deputy General Manager Jeff Gonneville to present Agenda Item D, the Report of the Deputy General Manager. Mr. Gonneville briefed the Board on the Green Line Service Disruption that occurred on Tuesday, June 12, caused by a power issue on the Green Line. Mr. Gonneville continued to provide the Board with the results of a recent partnership with Emerson College that included a brief video of one to the films produced, as set forth in the attached document labeled, “Deputy General Manager Remarks, June 18, 2018.” Mr. Gonneville concluded with the introduction of Dina Allen, Mary Jane Bergeron, Mark Romaine, Todd Johnson from the MBTA and Brooke Knight from Emerson College who all took part in the production of the video.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/june/2018-06-18-fmcb-dgm.pdf>

\* **July 16, 2018: Quarterly Safety Report [Written Submittal]**

# From Agenda: Fiscal & Management Control Board Presentations and Actions

Public Comment on FMCB Agenda Items

1. Report from the General Manager
2. FMCB Public Schedule
3. Red/Orange Line Update (written)
4. Safety Update (written)
5. Commuter Rail Vision Update (written)
6. Commuter Rail Performance
	* Contract four year review
7. Bus Service and Planning

<https://www.mbta.com/events/2018-07-16/joint-meeting-the-fiscal-management-control-board-and-massdot-board>

\* **September 10, 2018: Deputy GM remarks concerning heavy rail power failure**

 From Meeting Minutes: Next, Chair Aiello called upon Deputy General Manager Jeffrey

Gonneville to

present Agenda Item E, the report from the Deputy General Manager. Mr.

Gonneville updated the Board on the major power issue which occurred on August

29, 2018 affecting the Green, Orange and Blue Lines. Director of Strategic Initiatives

Laurel Paget-Seekins contributed to the presentation updating the Board on

MBTAbackontrack reliability data, as set forth in the attached document labeled

“Deputy GM Remarks, September 10, 2018.” Discussion ensued.

<https://www.mbta.com/events/2018-09-10/fiscal-management-control-board-meeting>

\* **October 15, 2018: Quarterly Safety Report [Written Submittal]**

###  From Agenda: FMCB Presentations and Actions

Public Comment on Fiscal & Management Control Board (items 14-18 on this agenda only)

14. [Report from the General Manager](https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/october/2018-10-15-fmcb-gm.pptx)

15. [FMCB Public Schedule](https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/october/2018-10-15-fmcb-calendar.pptx)

16. [Red-Blue Connector Update: Constructability Analysis](https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/october/2018-10-15-fmcb-red-blue-connector-constructability.pptx)

17. [Safety Update](https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/october/2018-10-15-fmcb-safety-written-update.pptx) (written submittal)

18. [Operations Center Contract – Iron Horse](https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2018/october/2018-10-15-fmcb-iron-horse-operations-center.pptx)

* Discussion and Possible Action

<https://www.mbta.com/events/2018-10-15/joint-meeting-the-fiscal-management-control-board-and-massdot-board>

\* **January 14, 2019: Quarterly Safety Report [Written Submittal]**

###  From Agenda: Open Meeting

A. Call to order by the Chairperson

B. Public Comment for items appearing on this agenda

C. Meeting Minutes

* Approval of January 7, 2019

D. Report from the General Manager

E. Report from the Deputy General Manager

F. FMCB Public Schedule

* Review of upcoming FMCB agenda items

G. Capital Investment Program (CIP) and FY20 Operating Budget Timelines

H. Green Line Extension (GLX) Quarterly Update

I. Safety Quarterly Update (written)

J. FY19 Budget Update

K. Facilities Roofing Contract

* Discussion and Possible Action

L. Commuter Rail Performance Update

M. Better Bus Update

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/01-january/2019-01-14-fmcb-safety-update-original.pdf>

\* **February 11, 2019: GM remarks concerning power failure**

 From Minutes: Deputy General Manager Jeff Gonneville continued with the General

Manager’s report and discussed the Friday, February 8 power incident that occurred

at the Lincoln switching station affecting Blue, Green and Orange Line signals in the

Downtown core area. Mr. Gonneville said it was due to a faulty cable on Causeway

Street, emergency repairs were made and he discussed long-range plans to rebuild

duct banks. Mr. Gonneville informed the Board that a Power Modernization Study

had been initiated and would be completed and reported out in the summer, as set

for the attached document labeled, “General Manager’s Remarks, February 11,

2019.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/02-february/2019-02-11-fmcb-gm-accessible.pdf>

\* **February 25, 2019: Deputy GM remarks following up on power failure**

 From Minutes: Next, Chair Aiello called upon Deputy General Manager Jeffrey Gonneville to

present Agenda Item E, the Report from the Deputy General Manager. Mr.

Gonneville provided a follow-up to the Board on the February 8, 2019 power failure

incident, as set forth in the attached document labeled, “Deputy GM Remarks,

February 25, 2019.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/02-february/2019-02-25-fmcb-dgm-original-accessible.pdf>

\* **April 29, 2019: Quarterly Safety Update [Written Submittal]**

 From Agenda: A. Call to order by the Chair

B. Public Comment for items appearing on this agenda

C. Meeting Minutes

* Approval of April 8, 2019

D. Report from the General Manager

E. Report from the Deputy General Manager

F. FMCB Public Schedule

* Review of upcoming FMCB agenda items

G. Safety Quarterly Update (written submittal)

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/04-april/2019-04-29-fmcb-G-safety.pdf>

\* **June 17, 2019: GM/DGM Joint remarks concerning Red Line derailment at JFK**

 From Minutes: Chair Aiello continued with the agenda and called upon General Manager Steve Poftak to present the Report of the General Manager, Agenda Item 1. Mr. Poftak updated the Board on the recent Red Line derailment and apologized for the disruption of service to the riders. He continued with details of the actual derailment noting that operator error (including speed), foul play and infrastructure had been ruled out, and attention was aimed at the car itself. He said every effort was being made to expedite the repair work as safely and as soon as possible, and a comprehensive would be continuing with MBTA staff. The General Manager noted the MBTA had also coordinated with LTK Engineering Services (LTK) to perform a third-party independent review of MBTA in-service mainline derailments for a twoyear period from January 1, 2107 thru June 11, 2019, with a report detailing their analysis and finding due within 90 days. General Manager Poftak thanked MBTA staff and contractors for their nonstop efforts over the past several days and going forward for as long as it would take to make repairs and ensure a safe return to full service. Chair Aiello appreciated the General Manager’s thoughtfulness and proposed the Board reach out to other transit system experts within the next week to compare best practices. Secretary Pollack had further questions on inspections and findings of the cause of the derailment. Director Tibbits-Nutt requested to see a plan for emergency communication process and strategy. Deputy General Manager Jeff Gonneville continued with a discussion of the formal process as it related to derailments and the reporting of derailments on the National Transit Database. Mr. Gonneville concluded with a detailed review of all derailments that have occurred in 2017 through the present, as set forth in the attached document labeled, “General Manager and Deputy General Manager Report, June 17, 2019.” Extensive discussion ensued. Director Shortsleeve asked the Deputy General Manager if the upcoming Capital Investment Plan (CIP) included enough funding to fix the infrastructure. Mr. Gonneville indicated that the MBTA had a very robust capital plan and does have enough to invest in the system. Director Kornegay requested a further look back at derailments. Director Tibbits-Nutt questioned whether there was a specific internal process for corrective actions. Chair Aiello said the MBTA should think about a strategy of how to cease derailments. MassDOT Director Joe Sullivan had specific questions on the rail car involved in the derailment and the rebuilding of the signal bungalows. He inquired as to when the delays would be non-existent and requested some type of solution or mitigation plan to the affected commuters on the South Shore to offset the upcoming fare increase. Chair Aiello and the Board appreciated Mayor Sullivan’s concern and empathized with the riders but were not sure how the Authority could mitigate the customers on the South Shore. Secretary requested train counts for the affected area be made available at next week’s FMCB meeting.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/06-june/2019-06-17/2019-06-17-joint-fmcb-1-gm-dgm-accessible.pdf>

\* **June 24, 2019: GM/DGM Joint update concerning Red Line derailment; Quarterly Safety Report**

 From Minutes: Chair Aiello first called upon General Manager to present his report, Agenda Item D. Mr. Poftak started discussing the facts related to the Red Line derailment on June 11, 2019. In response to public comment, 61 individuals were on the train, there was one hand injury and one rider who left the scene and returned and requested ambulance assistance for a health issue. Mr. Poftak continued with a status update of the recent Red Line derailment and Red Line service restoration. Operator error, speed, foul play and track infrastructure had been ruled out as probable cause. The General Manager said the incident vehicle components were sent to a lab for metallurgical analysis and a rigorous inspection of all components of all the vehicles was completed. Major signal work continued in four areas: Broadway-JFK, JFK-Ashmont, JFK-North Quincy and JFK-Cabot. The General Manager said current service levels were up to 10 trains an hour and were expected to extend through Labor Day. Mr. Poftak continued to discuss the Red Line service restoration. Deputy General Manager Gonneville continued with a more detailed focus on the key signal bungalows damaged and noted manual operation was in place in Braintree and Ashmont and required approximately 50 personnel in the field per day. Mr. Gonneville continued to discuss incremental improvements and displayed affected damaged equipment. Mr. Gonneville concluded by thanking MBTA employees and contractors who were still actively working and focusing on repairs, as set forth in the attached document labeled, “General Manager and Deputy General Manager Remarks, June 24, 2019.” Discussion ensued. Chair Aiello expressed his appreciation to MBTA leadership on how quickly they improved service to the MBTA’s customers despite the major damage that occurred…

Next, Chair Aiello called upon Nancy Prominiski, Chief Environmental, Health and Safety Officer to present Agenda Item I, the Safety Quarterly Update. Ms. Prominski highlighted the MBTA’s ongoing efforts to improve safety across the system for both employees and customers, noting the Safety Department is involved with safety assessments and is responsible for writing safety reports. She discussed in-service mainline derailments, customer injury trends and bus collision trends. In March, the DPU published their 2018 Annual Update Report, conducting over 300 audit activities to assess compliance with the MBTA Safety Plan and Ms. Prominiski noted there were no hazards or findings identified requiring a Corrective Action Plan by the MBTA. Ms. Prominiski continued to discuss the four components of the Safety Management System (SMS): Safety Management Policy, Safety Risk Management, Safety Assurance and Safety Promotion, as set forth in the attached document labeled, “MBTA Safety Report, June 24, 2019.” Chair Aiello suggested the new Safety Review Panel meet with Ms. Prominiski as she was an important resource, and Secretary Pollack commented that the MBTA needed to get the Panel’s feedback and incorporate the recommendations into the Safety Plan. Discussion ensued.

GM/DGM:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/06-june/2019-06-24/accessible/2019-06-24-fmcb-D-joint-gm-dgm-accessible.pdf>

Quarterly Safety Report

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/fmcb-meeting-docs/2019/06-june/2019-06-24/originals/2019-06-24-fmcb-I-safety.pdf>

\* **July 22, 2019: GM remarks concerning Blue Line service interruption and Red Line update**

 From Minutes: Chair Aiello called upon General Manager Poftak to present Agenda Item 1, the Report of the General Manager. Mr. Poftak first discussed the Blue Line Service interruption between Aquarium and Government Center on Wednesday, July 17. Mr. Poftak continued with a Red Line service update and ridership patterns since the derailment with a target of August 15 for signal restoration between Broadway and JFK/UMass.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-07/2019-07-22-FMCB-1-report-from-the-general-manager-accessible.pdf>

\* **August 12, 2019: DGM remarks concerning Green Line derailment and updates on Red Line derailment**

 From Minutes: Next, Chair Aiello called on Deputy General Manager Jeff Gonneville to present the report of the Deputy General Manager, Agenda Item D. Mr. Gonneville first reviewed last week’s Green Line derailment and noted it appeared to be operator error. Further investigation will continue into possible other causes. Mr. Gonneville continued with a status update of the Red Line derailment. The vehicle investigation is completed and the lab results are expected back in two weeks that should help determine the cause of this derailment. Service restoration is being completed in four phases. Mr. Gonneville said the first two phases are done and the last two are anticipated to be finished by the end of October, with the possibility of it being earlier. Train frequency and capacity continued to improve. Mr. Gonneville concluded with an update on the Better Bus Project and upcoming service changes, as set forth in the attached documented labeled, “Report of the Deputy General Manager, August 12, 2019.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-08/2019-08-12-fmcb-D-report-from-deputy-general-manager-accessible.pdf>

\* **September 16, 2019: GM/DGM remarks concerning updates on Red Line derailment**

 From Minutes: Chairman Aiello called on General Manager Steven Poftak to present Agenda Item 16, the Report of the General Manager. The General Manager asked Deputy General Manager Jeff Gonneville to begin the Report and provide an update on the Red Line derailment. Mr. Gonneville revealed that after a scientific investigation the cause of the derailment on June 11, 2019 was due to a fracture in the axle of car 1602. Engineers attributed the fracture to poor electrical connectivity between the ground bush and ground ring that surround the axle. The surface of the ground ring was pitted, not smooth, which caused electrical sparks to form which over time hardened the steel axle causing it to become brittle and crack. Mr. Gonneville indicated that the derailment was not due to the age of the axle, a material flaw or defect in the axle, or a failure of bearings that allow the axle to rotate. Mr. Gonneville reviewed preliminary corrections on all transit fleets and said that going forward all ultra-sonic inspections of rail cars would be changing from every two years to yearly, and that regular inspections would include close examination of the ground ring assembly for any damage that could emanate out to the axle or other parts. Lengthy discussion ensued. Mr. Gonneville concluded his portion of the GM’s report with an update of service resumption on the Red Line….

Chair Aiello next discussed the work of the Safety Review Panel and the reason this process was so important. He said new investments would create a more reliable, modern and efficient system, adding that safety needed to be a priority with a premier safety culture. With the current acceleration program and investments in vehicles, tracks and signals, along with new safety efforts, the MBTA can rebuild trust with its customers. The Chair noted that as the MBTA invested in the system, the federal government has separately launched a process to update federal safety management systems for transit systems across the country. He said the MBTA is not seeking to meet these standards, but to exceed them. Chair Aiello discussed the three phases of the Safety Panel’s work: 1) assessing the current safety culture; 2) analysis and recommendations; and 3) strategy and alignment. Chair Aiello continued with an overview of work conducted to date, as set forth in the attached document labeled, “MBTA Safety Panel Review Update, August 26, 2019.” Chairman Aiello asked General Manager Poftak to continue with the General Manager’s report. Mr. Poftak updated the Board on the new Orange Line train set that came into service on August 14. Mr. Poftak discussed the re-opening of the Wollaston station, making the Red Line 100% accessible people of all abilities, the Chelsea Commuter Rail Station groundbreaking on September 23, weekend work and diversion update. Mr. Gonneville concluded the General Manager’s presentation with a discussion of the Ride Software Go-live process, including accomplishments and risks, as set forth in the attached document labeled, “Report from the General Manager and Deputy General Manager, September 16, 2019.”

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-09/16.%20Report%20from%20the%20General%20Manager%20and%20Deputy%20General%20Manager.pdf>

\* **October 7, 2019: DGM remarks concerning updates with Red Line derailment; Quarterly Safety Report**

 From Minutes: Deputy General Manager Jeff Gonneville continued with the Report of the Deputy General Manager. Mr. Gonneville first updated the Board on the issue with the malfunctioning doors on the new Orange-Line trains. Mr. Gonneville continued with a brief review of the Red Line derailment that occurred on June 11, provided a system performance update and discussed departmental and personnel impacts. Mr. Gonneville thanked Director of Signals Joe McNall for playing a key role in the successful signal restoration. Mr. Gonneville announced Willis Rose was the winner at the 43rd Annual Bus Roadeo and Paul Gensheimer, Matt Dicecca and P.J. Skotniczny were the first place maintenance winners. Mr. Gonneville noted the winners would represent the MBTA at the APTA International Bus Roadeo in Texas in 2020, as set forth in the attached document labeled “Report from the Deputy General Manager, October 7, 2019.”

Next, Chair Aiello called on Nancy Prominiski, Chief of Environmental, Health and Safety to present Agenda Item J, the Safety Quarterly Update. Mr. Poftak prefaced the presentation emphasizing the MBTA’s commitment to safety and that at a future Board meeting the General Manager and Deputy General Manager would explain in detail the broader safety cultural aspects the MBTA has undertaken. Ms. Prominski introduced Chief Safety Officer Steven Culp who provided an overview of the Safety Department, its responsibilities, core functions and activities. Ms. Prominski next introduced Kelly Chronley, Director of Transportation Safety and continued with a discussion of the new Safety Management System (SMS) and an update of the Transit Safety Plan (TSP). Ms. Prominiski reviewed the MBTA Regulatory and Oversight Authorities and their respective roles and requirements. Discussion ensued.

Ms. Prominski continued defining SMS which builds on system safety concepts, adding increased commitment, oversight and accountability for safety, enhanced safety performance metrics, targets and date. She said the intent was to bring management labor together to collect, share and analyze data more effectively, identify and control risk better, detect and correct safety problems earlier, measure safety performance more precisely and strengthen safety culture. The full SMS implementation goal is 2025. Ms. Prominiski noted the TSP was a plan; the SMS was a process. Ms. Prominiski concluded with the TSP schedule, SMS development milestones, and key takeaways, as set forth in the attached document labeled, “Safety Update, October 7, 2019.” Discussion ensued.

DGM Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-10/2019-10-07-fmcb-D-report-from-deputy-general-manager-accessible.pdf>

Quarterly Safety Update:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-11/2019-10-07-fmcb-J-safety-quarterly-update-accessible.pdf>

\***December 9, 2019: Safety Review Panel Report Presentation**

 From Minutes: Next, Chairman Aiello announced that the Safety Review Panel had released their report this morning and would be making a presentation to the Board followed by Q & A. The Panel was formed in late June to review safety procedures and performance following the derailment of the Red Line in June where a train jumped the tracks as it headed into JFK/UMass station. Chair Aiello first acknowledged and thanked Vice Chair Tibbits-Nutt for her efforts in assisting in the formation of the panel and then welcomed and introduced the Safety Panel: former Secretary of Transportation Ray Lahood; former FTA Administrator Carolyn Flowers; and former New York City Transit President Carmen Bianco. Mr. LaHood began with an overview of the presentation and highlighted four points: the T is safe, but could be safer; there must be more focus on safety culture; additional resources needed to improve safety can be obtained with the help of Governor Baker and United States Transportation Secretary Chao; and that the work of the FMCB has done amazing work that everybody should be proud of. Ms. Flowers next discussed the Safety Management System in detail and the need for a proactive premier safety culture. Mr. Bianco continued with an overview of the Safety Review Panel (SRP) report. After conducting over 100 interviews, meetings with FTA, FRA, DPU, LTK, Keolis, visits with OCC, rail vehicle shops, GLX construction, ROW/RWP training, reviewing of policies, procedures and accident reports etc., the final report provided 34 recommendations, resulting in 61 individual corrective actions, several of which were already underway. Mr.Bianco noted major findings included a lack of safety culture and blame and retribution hindering safety efforts, lack of communications, poor use of data and lack of performance monitoring tools, insufficient staffing and budgetary obstacles, inadequacy of the Safety Department, and the frequency of FMCB meetings that takes an extraordinary toll on agency leadership, as set forth in the attached document labeled, “Safety Review Panel Overview of Final Report, December 9, 2019”. Discussion ensued relating to the prioritization of recommendations timetable, headcount, resources and best practices for senior managers. The Safety Panel noted that some recommendations could be handled in parallel and the stronger the culture the easier it would become. Mr. LaHood stated the MBTA had the leadership to get the work done, noting the situation was not unique and that other transit agencies with similar issues were now back on track. Director Tibbits-Nutt accepted the report of the SRP and acknowledged the MBTA owed much gratitude to Secretary Ray LaHood, Ms. Flowers, Mr. Bianco and the team of professionals who all contributed to the report. Ms. Tibbits-Nutt said the findings were significant and its recommendations far reaching, and noted the Report would provide a roadmap of tangible actions that needed to be taken to ensure a best-in class safety culture at the MBTA. Chair Aiello acknowledged it was the role of the Board to remain vigilant in monitoring the safety culture and practices and elevating its importance above competing priorities. The Chair noted the report was a reminder to hold the MBTA to the highest standards of safety, saying there was much work to be done. Chairman Aiello said, “This Board and our successor Board have a shared obligation with the Executive team, as we look forward to embarking on next steps.” General Manager Poftak thanked the SRP team and the FMCB for all their work noting it is clear that safety be the first priority at the MBTA. Mr. Poftak discussed initiatives already undertaken and said improving safety at the MBTA would require sustained attention from the senior management and additional financial resources. The General Manager stated he would return in March to further discuss initiatives underway and address additional findings in the report. Chair Aiello announced the Board would take a short break at 1:25 p.m. before the public comment session began.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-12/2019-12-09-fmcb-B-safety-review-panel-final-report-accessible.pdf>

\* **December 16, 2019: GM remarks on implementation of a Safety Management System (SMS)**

 From Minutes: Chair Aiello called on General Manager Steven Poftak to present Agenda Item 14, the Report from the General Manager. Mr. Poftak reviewed his efforts in communicating the Safety Panel’s report finding to the MBTA workforce. Mr. Poftak discussed the status of the implementation of the Safety Management System and the development of a work plan to address report findings and enact corrective actions. Mr. Poftak continued with a discussion of the Safety Investment and Capital Acceleration Plan (SICAP) with the goal towards increasing the speed of execution for critical infrastructure improvements and utilize weekend station closures to accelerate work, as set forth in the attached document labeled, “Report from the General Manager, December 16, 2019.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2019-12/2019-12-16-fmcb-14-report-from-general-manager-accessible.pdf>

 \* **January 13, 2020: DGM remarks concerning update on Safety Review Panel recommendations**

 From Minutes: Chair Aiello called on Deputy General Manager Jeff Gonneville to present Agenda Item D, the Report from the Deputy General Manager. Mr. Gonneville updated the Board on the status of safety evolution at the Authority with the implementation of tactical and strategic recommendations from the Safety Review Panel Report. A working group has been established to monitor and track progress and the General Manager would be holding regular meetings with senior staff to review progress. Mr. Gonneville continued with a review of the Bowdoin Blue Line emergency drill held on January 12, 2020 in conjunction with various MBTA departments, Transit Police, Boston Fire Department and Boston Emergency Medical Services, designed to exercise emergency response plans, policies and procedures. Mr. Gonneville concluded with an update of the new Orange Line Cars, noting that six cars returned to service and the source of noise was caused by interface between truck frame and bolster, as set forth in the attached document labeled, “Report from the Deputy General Manager, January 13, 2020.” Discussion ensued, and the **Chair requested that going forward Safety should be a specific item on each agenda for FMCB meetings.**

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-01/2020-01-13-fmcb-D-report-from-deputy-general-manager-accessible.pdf>

\* **January 27, 2020: GM remarks concerning update on safety [linker report lists year as 2019 not 2020]**

 From Minutes: The Vice-Chair next called on General Manager Steve Poftak to present Agenda Item E, the Report from the General Manager. Mr. Poftak updated the Board on his proposed safety update presentation schedule for upcoming meetings. Mr. Poftak continued with a recap of the Governor’s FY21 Budget Proposal on funding and other additional provisions. Mr. Poftak continued to discuss diversion work on the Orange Line, Red Line weekend work and the development of a public engagement plan, as set forth in the attached document labeled, “Report from the General Manager, January 27, 2020.” Discussion ensued.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-01/2020-01-27-fmcb-E-report-from-general-manager.pdf>

\* **February 10, 2020: GM Safety Update**

 From Minutes: Chair Aiello skipped to Agenda Item 20 and asked General Manager Poftak to present the Safety Initiatives Update. Mr. Poftak reviewed the MBTA process to obtain and strengthen the safety culture: to align MBTA around safety as a core value; use new-hire onboarding system (NH) to embed safety as a core value from the beginning; and demonstrate that reporting is a priority over discipline. Mr. Poftak continued with a review of the objective to better inform employees and the public about safety performance and the objective to perform preventative maintenance and inspections at the highest level. Mr. Poftak concluded with a discussion of the restructuring of the Safety Department to meet goals for safety oversight and SMS implementation, as set forth in the attached document labeled, “Safety Update, February 10, 2020.” Discussion ensued. Chair Aiello acknowledged the great work that the General Manager and his team have done to create the new safety culture at the MBTA.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-02/2020-02-10-fmcb-20-safety-initiatives-update.pdf>

\* **February 24, 2020: Safety Initiatives Key Performance Indicator Presentation**

 From Minutes: Next, Chair Aiello called on Director of Transportation Safety Kelly Chronely and Deputy Director of Research and Analysis Jen Elise Prescott to present Agenda Item E, the Safety Initiative: Key Performance Indictors. Mr. Gonneville previewed the agenda Item discussing the improvements the agency was making towards improving safety, including maintenance. Ms. Prescott discussed the peer-to-peer benchmarking and literature reviews conducted on KPI indicators for bus, rail and transit, and The RIDE. Staff reached out to nine agencies with six responding, and the major takeaways were that all KPI themes or areas of focus presented were ongoing efforts measured and captured already at the MBTA. In addition, based on the reports provided, most other agencies reviewed do not separate out safety as a concern from Engineering and Maintenance or Operations, safety metrics are embedded throughout all of those reports. Ms. Prescott said that using the MBTA’s existing data sources, they have been working to take best practices learned from the peer and literature review for monitoring safety indicators. She said currently there were monthly, weekly and daily dashing in progress, and the transition to the monthly operations report will include information that incorporates the lessons learned from the peer and literature review. Ms. Prescott concluded her portion of the presentation with next steps for reporting and monitoring. Next, Ms. Chronely discussed measuring safety performance metrics noting that the FTA Public Transportation Agency Safety Plan Rule required transit agencies to set targets for the following four KPIs: fatalities, injuries, and system reliability and safety events. Ms. Chronely next discussed additional proposed KPIs not required by the FTA: customer injuries; derailments, transit vehicle collisions; reportable fire/smoke incidents; and incorporating commuter rail and ferry. Ms. Chronely concluded discussing next steps on data collection, data evaluation and communication, as set forth in the attached document labeled “Safety Initiatives: KPI Update, February 24, 2020.” Discussion ensued concerning the need to have contractors held to the same reporting standards as the MBTA. Mr. Gonneville agreed that the T should have more oversight over the contractors and Operations was already addressing that.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-02/2020-02-24-fmcb-E-safety-initiative-key-performance-indicators-accessible.pdf>

\* **March 9, 2020: Safety Update**

 From Minutes: Next, Mr. Poftak presented Agenda Item F, the Safety Update. Mr. Poftak provided a brief update on the project management process. Mr. Poftak continued discussing an implementation of a safety management system (SMS), aligning the MBTA around safety as a core value, refreshing right-of-way (ROW) training and reducing Green Line speeding. Mr. Poftak continued discussing the establishment of a QA/QC department to support monthly audits of PMIs. He also discussed the restructuring of the Safety Department to meet goals for safety oversight and SMS implementation, as set forth in the attached document labeled, “Safety Update, March 9, 2020”

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-03/2020-03-09-fmcb-F-safety-update.pdf>

\* **April 27, 2020: Safety Update – Preventative Maintenance and Inspections**

 From Minutes: Next, Chair Aiello called on Senior Director of Engineering and Maintenance Joe Cheever to present Agenda Item F, the Safety Update, a discussion of preventative maintenance inspections. Mr. Cheever provided a brief background and update on the Asset Management Systems and reviewed the four departments of E&M critical assets: the Transit Facilities Maintenance, the Maintenance of Way, the Power Systems Maintenance and Signals and Communications Maintenance. He noted the MBTA would be working to convert its paper work management processes to digital processes that could be managed with tablets operated by technicians in the field, enabling real time asset status and work tracking. Mr. Cheever continued with a discussion of modernized maintenance and the confluence of efforts. Mr. Cheever noted that in developing full cycle asset management for the MBTA transit infrastructure, employee technicians would be given the tools to be efficient and to build competence in all aspects of systems maintenance. He said data driven decisions were now accessible through real-time tools, such as trending to highlight early indicators, work management and clear management view of compliance. Mr. Cheever noted that Engineering and Maintenance was now better positioned to succeed at infrastructure maintenance to support a best-in-class transit system that was reliable and safe, as set forth in the attached document labeled, “Preventative Maintenance and Inspection Improvements, April 27, 2020.” Discussion ensued on the ownership of assets, inspections related data, future transparency and auditing.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-04/2020-04-27-fmcb-F-safety-update-preventative-maintenance-inspections-accessible.pdf>

\* **May 11, 2020: GM Safety Update**

 From Minutes: Next, Chair Aiello called on General Manager Poftak to present Agenda Item 14, the General Manager’s Report. Mr. Poftak updated the Board on: safety Initiatives; a construction restart plan including the Blue Line and GLX/commuter rail Lowell line; employee availability and challenges; ridership trends for all modes and by time of day; protecting employees and riders during the COVID-19 pandemic; health testing; enhanced decontamination protocols at stations, facilities and vehicles; service delivery data; preparations to ramp up service; adopting supplyside strategies; and strategies to reshape commuting patterns in Metro Boston, as set forth in the attached document labeled, “Report from the General Manager, May 11, 2020.”

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-05/2020-05-11-fmcb-14-report-from-general-manager.pdf>

\* **May 21, 2020: Safety Update – Internal Communications**

 From Minutes: Next Vice-Chair Tibbits-Nutt called upon Chief Customer Officer Danny Levy to present Agenda Item E, an update on safety and internal communications. Ms. Levy reviewed the internal communications challenges and the multiple platforms used to engage with employees: emails, you-tube videos, a quarterly newsletter, safety posters, and social media spotlights. Ms. Levy concluded her presentation with a discussion of the internal digital communications pilot project running from May 12 through May 26, with a mobile website launch scheduled for this summer, as set forth in the attached document labeled, “Safety Update: Internal Communications, May 21, 2020.”

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-05/2020-05-21-fmcb-E-safety-update-internal-communications-accessible.pdf>

\* **June 15, 2020: Safety Update – Strategic Planning**

 From Minutes: Next, Vice-Chair Tibbits-Nutt called upon Deputy Director of Policy and Strategic Planning Lynsey Heffernan to present Agenda Item G, the Safety Update: Strategic Planning. Ms. Heffernan discussed the need of changing the culture at the MBTA to provide a safe, modernized, and robust transit system to the region, and to focus the workforce on improving employee culture. In the fall of 2019 through the winter of 2020, workshops were held and employees were engaged in deep dialogue and discussion. She said employee input was needed and appreciated, problems were identified, analyzed and relationships were formed, trust was built and consensus was achieved. The group refined the MBTA mission statement and developed a new set of MBTA values. Ms. Heffernan concluded with next steps and the continuation of change, as set forth in the attached document labeled, “Strategic Planning: Changing Our Culture and Improving HOW We Function, June 15, 2020.” Discussion ensued about culture changes relating to racism, sexism and gender. Director Lang suggested the formation of an external group to assess those issues at the MBTA, and other Board members agreed with the importance of moving forward with this initiative soon

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-06/2020-06-15-fmcb-G-strategic-planning-accessible.pdf>

\***June 22, 2020: MBTA Transit Safety Plan**

 From Agenda: Listed as item 21

21. MBTA Agency Safety Plan

* Discussion and Possible Action

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-06/2020-06-22-fmcb-21-agency-safety-plan.pdf>

\* **August 24, 2020: Introduction of new Chief Safety Officer, Ronald Ester, Jr.**

 From Minutes: Chair Aiello introduced MBTA General Manager, Steve Poftak and his update, Agenda Item 1, the Report from the General Manager. Mr. Poftak began his presentation by introducing the new Chief Safety Officer, Ronald Ester, Jr. Mr. Poftak gave a brief update of fare policies, then introduced Deputy General Manager, Jeff Gonneville who presented the remainder of the update to the Board.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-08/2020-08-24-fmcb-1-report-from-general-manager.pdf>

\* **September 14, 2020: Safety Update**

 From Minutes: Ron Ester, the MBTA’s new Chief Safety Officer, provided an update on safety goals, including implementing the Safety Management System (SMS), providing 24/7 coverage and improving safety reporting and the T’s safety culture. The Transit Safety plan has been underway since mid-2018, focusing on safety performance and system reliability. Mr. Ester 6 reported that the MBTA has exceeded injury goals while slightly behind on system reliability and safety events

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-09/2020-09-14-fmcb-G-safety-update-accessible.pdf>

\***September 21, 2020: Safety Report from Department of Public Utilities; Safety Update**

 From Minutes: Vice-Chair Tibbits-Nutt thanked the presenters and moved on to Agenda Item 16, introducing Assistant Director of the Transportation Oversight Division Liz Leaman to present the Safety Report from the Department of Public Utilities. Vice-Chair Tibbits-Nutt thanked Ms. Leaman for presentation and upon hearing no further comments or questions, introduced Chief Investigation and Safety Assurance Officer Steven Culp to discuss Agenda Item 17. Mr. Culp presented information on current safety initiatives. Chair Aiello congratulated Mr. Culp on his new position and his presentation to the Board. Vice-Chair Tibbits-Nutt echoed Chair Aiello’s comments

DPU Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-09/2020-09-21-fmcb-16-report-from-DPU-accessible.pdf>

Safety Update:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-09/2020-09-21-fmcb-16-safety-update-event-investigation-training-accessible.pdf>

\* **October 5, 2020: Safety Update**

 From Minutes: Hope Patterson and Deputy Director of Policy & Strategic Planning Lynsey Heffernan presented Item H on the agenda, the safety update. Ms. Heffernan reported that staff are aligning strategic planning and safety initiatives and provided an overview of the Safety Review Panel report. Ms. Patterson stated that four new “core teams” were formed to address safety panel recommendations. The teams have created a new aligned process to address initiatives and project management structure. Ms. Patterson concluded by reviewing the safety initiatives governance structure and discussed process benefits. Director Kornegay asked how this process translates into safety outcomes. 8 Mr. Poftak explained that this initial report was meant to be a process update, and that subsequent meetings will address outcomes. Staff are hoping to feature a specific initiative that has been realized soon; accordingly, the November schedule is not finalized yet. Director Kornegay asked how safety training ties into decreased risks and achieving our goals, requesting that staff connect these in the quarterly updates.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-10/2020-10-05-fmcb-H-safety-update-accessible.pdf>

\* **October 19, 2020: Safety Update**

 From Minutes: Chair Aiello moved on to Agenda Item 17, and introduced Chief Safety Officer Ron Ester, who presented on “Lost Time Injuries,” defined as injuries that cause an employee to miss one day of work or one shift. Mr. Ester said that rail transit is showing slight improvements on long-term injuries, while buses have an overall favorable trend. There has also been a reduction in the main lost time injury types for commuter rail workers. He concluded that bus and rail operator barriers have been installed for Covid-19 and staff are hopeful that these barriers could also reduce altercations. The department is also working to identify daily hazards and improve their equipment catalogue. Chair Aiello thanked Mr. Ester and stated that he hoped that altercation injuries can be reduced to zero. He also asked how we received the commuter rail data, given that commuter rail is operated by Keolis. Mr. Ester explained that Keolis and railroad operations provided the information directly.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-10/2020-10-19-fmcb-17-safety-update-accessible.pdf>

\* **November 9, 2020: Safety Update**

 From Minutes: Director of Safety Engineering John Connell provided an update on a new incident reporting process for the MBTA. Chair Aiello asked if, with this new system, all engineering and construction contracts require utilization of eBuilder. Mr. Connell stated that he thought it would be required but would need to confirm with another. Chief of Capital Projects Jay Neider confirmed that a full integration is occurring across the board.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-11/2020-11-09-fmcb-I-safety-update-accessible.pdf>

\* **December 7, 2020: One Year Lookback at Safety Review Panel**

 From Minutes: Chief Safety Officer Ron Ester presented an update on safety progress, beginning by reviewing the findings of last year’s safety review panel and discussing how staff have addressed those recommendations. He noted that the MBTA has hired subject area professionals to aid with certain concerns and that they are ramping up infrastructure and vehicle inspections. Director of Security and Emergency Management Nick Boyd provided an update on the internal Covid-19 response and adaptation planning. He reviewed the MBTA’s internal processes and discussed recent initiatives. Mr. Ester discussed Covid-19 impacts on safety initiatives. Director of Transportation Safety Kelly Chronley provided an update on the SMS implementation plan. Deputy Director of Policy and Strategic Planning Lynsey Heffernan discussed efforts to improve alignment across departments. Chief 9 Railroad Officer Ryan Coholan discussed the implementation of the commuter rail’s sleep apnea program. Green Line Supervisor Alicia Gomes discussed the progress of the Green Line speeding program, which now provides real-time notifications to supervisors. Chief Customer Officer Danny Levy reviewed the status of ongoing employee communications. Deputy Director of Administration Lisa Radosta provided an update on TSTOP, the new internal digital communications platform available to all employees. Kelly Chronley returned to discuss improvements to the MBTA’s safety hotline. Director Lang said he appreciated the depth and breadth of work the department has done. Vice-Chair Tibbits-Nutt said the team had completed a huge amount of work and are leading within the industry. Director Kornegay said she appreciated the level of detail and hearing from many employees. The General Manager commended specific employees

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2020-12/2020-12-07-fmcb-K-safety-progress%20update.pdf>

**\* February 8, 2021: Safety Update**

 From Minutes: Chief Safety Officer Ron Ester presented his report on safety performance measures and targets. He reviewed each target area, highlighting goals met. Chairman Aiello asked if data collection captures safety performances in areas that are outsourced. Mr. Ester replied that it was capturing information for The Ride, and Mr. Poftak added that data is being captured for bus contractors as well. Chairman Aiello stated that it would be helpful to see what is being reported to the FRA and Coast Guard, even if the data does not match the MBTA metrics exactly. Mr. Ester agreed and said that the FRA and ferry data can be included in the next presentation. Director Sullivan asked if Mr. Ester could re-review the increase in incidents for rail based on a decline in ridership. A discussion of the data regarding such incidents ensued. General Manager Poftak added that another way of looking at the data is to note that, during the pandemic, the denominator – the number of customer trips – dropped much more dramatically than the numerator, which resulted in an increase in incidents as compared to 6 the three-year average.

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-02/2021-02-08-fmcb-F-safety-update-accessible.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-02/2021-02-08-fmcb-F-safety-update-memo-accessible.pdf>

\***March 8, 2021: Safety Update**

 From Minutes: Chief Safety Officer Ron Ester presented a safety update, beginning with workplace safety. Chief Environmental and Health Officer Nancy Prominski discussed occupational health and safety. She said that the update allows the MBTA to better understand its injury rates. Vice-Chair Tibbits-Nutt asked if the MBTA provides services to employees who experience or witness assaults or witness attempted suicides. Director of Occupational Health Services Kate LeGrow said that the MBTA has an internal employee assistance 6 program to provide such services to affected employees. The Secretary thanked the team for bringing the MBTA into OSHA compliance.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-03/2021-03-08-fmcb-G-safety-update-accessible.pdf>

\***April 12, 2021: Safety Update**

 From Minutes: Acting Director, Commuter Rail Safety Timothy P. Lesniak and Chief Railroad Officer Ryan D. Colohan presented a railroad and operator safety update. Their presentation included a review of a railroad system safety plan, which was recently submitted by the Federal Railroad Administration. 8 Chairman Aiello commended the team for their work and asked if there was one comprehensive location for future board members to able to review once this plan is adopted. Mr. Colohan replied that railroad safety and operations now coordinate well and that huge advances have been made with internal reporting on safety issues.

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-04/2021-04-12-fmcb-G-safety-update-accessible.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-04/2021-04-12-fmcb-G-safety-update-supplemental-memo.pdf>

\***April 26, 2021: Safety Update**

 From Minutes: Chief Safety Officer Ron Ester presented Agenda Item 4, an update on safety performance targets for the first quarter of 2021.

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-04/2021-04-26-fmcb-4-safety-update-accessible.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-04/2021-04-26-fmcb-4-safety-update-supplemental-memo-accessible.pdf>

\* **May 10, 2021: Safety Update**

 From Minutes: Chief Investigation and Safety Assurance Officer Steve Culp discussed investigation training accomplishments. Mr. Culp said that the new investigation manual would be fully implemented in July and provided an overview of the investigation team. Chairman Aiello said the hiring of more subject-matter experts and 24/7 deployment is a huge improvement.

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-05/2021-05-10-fmcb-G-safety-update-accessible_0.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-05/2021-05-10-fmcb-G-safety-update-supplemental-memo-accessible_0.pdf>

\* **May 24, 2021: Safety Update**

 From Minutes: Chief Safety Officer Ron Ester and Deputy Director of Safety Oversight Matthew DeDonato presented Agenda Item 17, an update on the safety management system. Mr. DeDonato explained that SMS fundamentals training is intended to establish SMS as the medium for safety communications

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-05/2021-05-24-fmcb-17-safety-update.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-05/2021-05-24-fmcb-17-safety-update-supplemental-memo-accessible.pdf>

\***June 7, 2021: Safety Update**

 From Minutes: Chief Safety Officer Ron Ester introduced Deputy Director of Safety Assurance and SMS Implementation Michael Catsos, who presented information on internal safety audits. He reviewed the process and status of current audits. Chairman Aiello commented that the Safety Department has grown in positive ways and asked if there would be a cross reporting of previous findings and issues paired with a 7 report on final resolutions for outstanding audits. Mr. Catsos replied that he could do this in future report.

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-06/2021-06-07-fmcb-G-safety-update.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-06/2021-06-07-fmcb-G-safety-update-supplemental-memo-accessible.pdf>

\* **June 21, 2021: Safety Update – Transit Safety Plan**

 From Agenda: 13. Safety Update

* Discussion and Possible Action

Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-06/2021-06-21-fmcb-13-safety-update-accessible.pdf>

Memo:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-06/2021-06-21-fmcb-13-safety-update-supplemental-memo-accessible.pdf>

\* **November 10, 2021: MBTA Board Safety Subcommittee**

Agenda:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-11/2021-11-10-mbta-safety-subcommittee-meeting.pdf_0.pdf>

Livestream:

<https://www.mbta.com/events/2021-11-10/board-meeting-mbta-safety-subcommittee-virtual>

\* **December 9, 2021: MBTA Board Safety Subcommittee**

Agenda:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-12/2021-12-09-mbta-safety-health-subcommittee-agenda.pdf>

Livestream:

<https://www.mbta.com/events/2021-12-09/board-meeting-mbta-safety-health-environment-subcommittee-virtual>

\***December 16, 2021: MBTA Board Meeting – DPU report**

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-12/2021-12-16-mbta-bod-5-DPU.pdf>

Agenda:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2021-12/2021-12-16-mbta-board-of-directors-agenda.pdf>

Livestream:

<https://www.mbta.com/events/2021-12-16/board-meeting-mbta-board-directors-virtual>

\***January 26, 2022: MBTA Board Safety Subcommittee**

Agenda:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-01/2022-01-26-mbta-pwdc-subcommittee-agenda_0.pdf>

Livestream:

<https://www.mbta.com/events/2022-01-26/board-meeting-mbta-safety-health-environment-subcommittee-virtual>

\***February 10, 2022: MBTA Board Safety Subcommittee**

Minutes:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-03/2.10.22%20MBTA%20Safety%20Meeting%20Minutes.pdf>

Safety Panel Report Update:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-02/2.%20Safety%20Subcommittee%20Mtg%202.10.22%20-%20Safety%20Panel%20Report%20Update.pdf>

\***February 24, 2022: MBTA Board of Directors – GM remarks; Safety Review Panel Update**

 From Minutes: General Manager Steve Poftak presented his report, beginning by discussing ridership. Director Tesler said he was pleased to see resilient ridership and asked staff to provide more detail on their work on ridership. Director McCready requested more context on how ridership compares to pre-pandemic levels. Director Mello asked the General Manager to provide a review of ridership outreach efforts at a future meeting. General Manager Poftak continued with a briefing on the January 21st Wilmington incident, discussing findings of the related investigation and the corrective actions that have been taken to prevent reoccurrence. The General Manager said he would get back to Director Darling on details of the process for confirming that railroad crossing gates are functioning properly. Director Darling asked if the MBTA verifies the work of the Keolis safety team and suggested that staff assemble an audit of the work. The General Manager said that the MBTA does verify the Keolis team’s work and agreed to provide more information on the process. Director Tesler added that staff should follow up on implementation with the Safety Subcommittee. Director Butler asked a question about crossing gates and the General Manager said that there are ongoing discussions with the manufacturer regarding the gates. Responding to questions from Director McCready, the General Manager said that the physical operation of the crossing arms does not change for pedestrians and motorists depending on whether the arms are manually or automatically controlled. Director Darling asked if all gates are belled and whistled. General Manager Poftak said that he would provide an inventory of areas with quiet orders in place. The General Manager continued by discussing the ongoing investigation of the Back Bay escalator incident. In response to Director Darling’s questions about the repair work, the General Manager said that an MBTA employee oversees a maintenance and repair contract with Kone. Director Darling said he looked forward to an audit of the work. Director Butler asked if there have been past issues with this escalator and General Manager Poftak said he would check. Director Tesler clarified that the escalator engineering specialist aiding in technical aspects of the investigation, which the General Manager had mentioned, is independent of the MBTA’s existing relationship with Kone

9. Safety Review Panel Update Chair Taylor expressed concern with the number of delayed items in the Safety Review Panel Update and asked Chief Safety Officer Ron Ester to comment on the operating budget and the needs of the Safety Department at a future meeting. General Manager Poftak briefly commented on the on-hold items in the report and said that the department is fully budgeted on hiring. Director Tesler suggested that Director Darling, as Chair of the Safety subcommittee, could introduce the update. Director Darling asked Chief Ester to present the first set of slides from his presentation, given time constraints. Chief Ester presented on the Safety Review Panel report, discussing the recommendations where implementation is on hold. Director Darling said that the General Manager and Secretary Tesler would return with more details on the financial review portions of the Panel recommendations. General Manager Poftak added that some items will always be in progress. Director Tesler said the purpose of reviewing the Panel recommendations is to talk about the ongoing Safety process and that updates from the subcommittee could also highlight progress. Directors Mello and Butler expressed appreciation for the presentation.

GM Comments:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-02/GM%20Remarks%202.24.22.pdf>

Safety Review Panel:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-02/9.%20Safety%20Presentation%20as%20presented%2002.24.2022.pdf>

\* **March 11, 2022: MBTA Board Safety Subcommittee – Data Analysis Report**

Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-03/2022-03-11-3-safety-data-analysis-report.pdf>

Livestream:

<https://www.mbta.com/events/2022-03-11/board-meeting-mbta-safety-health-environment-subcommittee-virtual>

\***March 24, 2022: MBTA Board – Safety Data Analysis Report**

From Minutes: Director Darling, who serves as Chair of the Safety, Health, and Environment Subcommittee, presented an overview of the subcommittee’s work, including SMS implementation and discussion of the Safety Review Panel Final Report. Director Darling then introduced Chief Safety Officer Ron Ester, who delivered a presentation on the Safety Data Analysis Report.

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-03/03.24.2022%20Safety%20Data%20Report%20for%20SHE%20Subcommittee.pdf>

\***April 14, 2022: MBTA Board Safety Subcommittee**

<https://www.mbta.com/events/2022-04-14/board-meeting-mbta-safety-health-environment-subcommittee-virtual>

Safety Update:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-04/Safety%20Subcommittee%20Mtg%204.14.22%20-%20Safety%20Engineering.pdf>

SDAR:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-04/Safety%20Subcommittee%20Mtg%204.14.22%20-%20February%20SDAR.pdf>

\***April 28, 2022: MBTA Board – Report from Safety Subcommittee; GM comments on Red Line incident**

Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-04/04.28.2022.%20SHE%20Chair%20board%20meeting%20brief.pdf>

Livestream:

<https://www.mbta.com/events/2022-04-28/board-meeting-mbta-board-directors-virtual>

\***May 16, 2022: MBTA Board Safety Subcommittee**

Livestream:

<https://www.mbta.com/events/2022-05-16/board-meeting-mbta-safety-health-environment-subcommittee-virtual>

\***May 26, 2022: MBTA Board**

GM Comments on RL/OL fleet braking issues:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-05/GM%20Report%20to%20Board%2005.26.2022Final.pdf>

Safety Data Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-05/05.26.2022.board%20brief.pdf>

\***June 13, 2022: MBTA Board Safety Subcommittee**

Livestream:

<https://www.mbta.com/events/2022-06-13/board-meeting-mbta-safety-health-environment-subcommittee-virtual>

DPU Corrective Action Plan Presentation:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-06/MBTA%20Safety%20Committee%20CAP%20process%206%2010%2022%20.pdf>

Safety Events Investigations:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-06/Safety%20Update_SHE%20Sub-Committee_DRAFT_Safety%20Events%20Investigation_REV1-%20jb.pdf>

Safety Data Analysis Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-06/6.%20%20Safety%20Subcommittee%20Mtg%206.9.22%20-%20April%20SDAR.pdf>

\***June 23, 2022: MBTA Board of Directors**

GM Comments:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-06/2.%20GM%20Report%20to%20Board%2006.23.2022-Final2.pdf>

Safety Management Inspection:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-06/5.%20Update%20on%20Safety%20Management%20Inspection%20v3.pdf>

Safety Data Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-06/4.%2006.23.2022%20Board%20SDAR%20Brief.pdf>

\***July 14, 2022: MBTA Board Safety Subcommittee**

FTA Inspection Update:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-07/Safety%20Subcommittee%20Mtg%207.14.22%20-%20SMI%20Update%20v2.pdf>

Safety Data Report:

<https://d2o8eokdkim9o8.cloudfront.net/sites/default/files/2022-07/Safety%20Subcommittee%20Mtg%207.14.22%20-%20May%20SDAR%20v2.pdf>