

**MINUTES**  
**MEETING OF THE BOARD OF DIRECTORS**  
**OPERATIONS & SAFETY COMMITTEE**  
**METROPOLITAN ATLANTA RAPID TRANSIT AUTHORITY**  
**July 30, 2015**

The Board of Directors Operations & Safety Committee met on July 30, 2015 at 10:04 a.m. in the Board Room on the 6<sup>th</sup> Floor of the MARTA Headquarters Building, 2424 Piedmont Road, Atlanta, Georgia.

**Board Members Present**

Roberta Abdul-Salaam  
Frederick L. Daniels, Jr.  
Jim Durrett, *Chair*  
Jerry Griffin  
Freda Hardage  
Barbara Babbit Kaufman  
Russell McMurry\*

MARTA officials in attendance were: General Manager/CEO Keith T. Parker, AICP; Chief Operating Officer Richard A. Krisak; Chief Financial Officer Gordon L. Hutchinson; Chief of Staff Rukiya S. Thomas; Chief Counsel Elizabeth O'Neill; AGMs Wanda Dunham, Robin Henry, Ming Hsi, Reginald Mason, Ryland McClendon, David Springstead (Interim), Terry Thompson and Donald Williams (Acting); Executive Director Ferdinand Risco; Sr. Directors Joseph Erves and Kevin Hurley; Directors Lyle Harris, Joel T. Larkins and Vivian Squire; Managers Greg Anderson, Deloris Jacobs and James Sibert; Executive Manager to the Board Rebbie Ellisor-Taylor; Sr. Executive Administrator Brenda L. Williams; Finance Administrative Analyst Tracy Kincaid. Others in attendance Davis Allen, Vickie Byer, Denise Coleman, Abebe Girmay, Don Lawrence, Courtne Middlebrooks, LaTonya Pope, Srinath Remala and Dansby Wade.

Also in attendance Pam Alexander of LTK Engineering; Max Blan of Atlanta Magazine; Jack Buckingham of MATC; Jim Schmid of HNTB; Sidney Sparks of Virginkar & Associates.

**Consent Agenda**

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- a) Approval of the June 26, 2015 Operations & Safety Committee Meeting Minutes

\* Russell McMurry is Commissioner, Georgia Department of Transportation (GDOT) and is therefore a non-voting member of the MARTA Board of Directors.

On motion by Mr. Daniels seconded by Mr. Hardage, the Consent Agenda was unanimously approved by a vote of 4 to 0, with 4 members present.

**Individual Agenda**

**Resolution Authorizing the Award of Cummins New Engine Exchange Program, Contract Proposal Number B35825**

Mr. Krisak presented this resolution for Board of Directors' approval authorizing the General Manager/CEO or his delegate to award a contract for the procurement of Cummins New Engine Exchange Program in the amount of \$4,116,457.

On motion by Mrs. Hardage seconded by Mr. Griffin, the resolution was unanimously approved by a vote of 4 to 0, with 5\* members present.

**Resolution Authorizing Award of a Contract for the Procurement of Sixty (60) Non-Revenue Administrative Vehicles, Contract Proposal Number B35234**

Mr. Krisak presented this resolution for Board of Directors' approval authorizing the General Manager/CEO or his delegate to award to Allan Vigil Ford Lincoln, Inc., for the procurement of Non-Revenue Administrative Vehicles, in the combined amount of \$1,298,461 and to Wade Ford, Inc., in the combined amount of \$202,498.

On motion by Mr. Daniels seconded by Mrs. Hardage, the resolution was approved by a vote of 3 to 0, with 5\* members present.

Mr. Griffin abstained.

**Safety Briefing – FY15 Bus and Mobility Collisions, 3rd Quarter**

Mr. Mason briefed the Committee on FY15, 3<sup>rd</sup> Quarter Bus and Mobility collision data and conclusions based on data analysis.

***Bus Collisions/100,000 Miles – Target Rate 3.70***

- January – 3.83
- February – 3.25
- March – 4.03
- Contributing Factors:

- From January to March, there was a 5.2% increase in the bus collision rate (7 collisions)

***Bus Collisions by Type & Grade (January – March 2015)***

- Preventable
  - Collision with Pedestrian – 3
  - Collision with Auto – 42
  - Collision with Fixed Object – 51
- Non-Preventable
  - Collision with Pedestrian – 1
  - Collision with Auto – 141
- Fixed Route
  - January
    - Collisions – 84
    - Miles – 2,193,171
  - February
    - Collisions – 66
    - Miles – 2,033,102
  - March
    - Collisions – 91
    - Miles – 2,255,289
- Contributing Factors:
  - Increase of 8.33%, 7 Collisions
  - Increase of 2.83%, 62,118 Miles

***Preventable/Non-Preventable Bus Collisions (January – March 2015)***

- January
  - Preventable – 40
  - Non-Preventable – 44
- February

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- Preventable – 22
- Non-Preventable – 44
- March
  - Preventable – 34
  - Non-Preventable – 57
- Bus Preventable Rate
  - January – 1.82
  - February – 1.08
  - March – 1.51

***Collisions by Route (January – March 2015)***

- 110 Peachtree – 16
- 21 Memorial – 14
- 2 Ponce de Leon Ave/Decatur – 8
- 16 Noble – 8
- 121 Stone Mountain/Memorial Drive – 7
- 3 MLK Jr./Auburn – 7
- 55 Jonesboro(Clayton) – 6
- 12 Howell Mill Rd/Cumberland – 6
- 42 Pryor Rd/McDaniel – 6
- 27 Cheshire Bridge/Ansley Mall – 6

***Route Collisions by Type: Preventable Collisions (January – March 2015)***

- 21 Memorial Dr.
  - Collision with Fixed Object – 4
  - Collision with Auto – 1
- 12 Howell Mill Rd/Cumberland
  - Collision with Fixed Object – 2
  - Collision with Auto – 2

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- 110 Peachtree
  - Collision with Fixed Object – 1
  - Collision with Auto – 3

***Bus Collisions by Years of Experience (January – March 2015)***

- 0-5 Years – 43%
- 6-10 Years – 29%
- 11-20 Years – 20%
- 21-30 Years – 7%
- 31-40 Years – 2%
- Contributing Factors:
  - Operators with 0-5 years of experience are contributing to 43% of total collisions
  - 50.6% of collisions are due to sideswipes
  - 22.4% of collisions are due to contact with fixed objects

***Bus Collisions by 0-5 Years of Experience (January – March 2015)***

- Preventable
  - Collision with Pedestrian – 1
  - Collision with Auto – 22
  - Collision with Fixed Object – 21
- Non-Preventable
  - Collision with Auto – 58
- Contributing Factors:
  - 50.9% of collisions are due to sideswipes
  - 22.1% of collisions are due to contact with fixed objects

***Bus Collisions by Quarter***

- 1<sup>st</sup> Quarter
  - FY15 – 1.98

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- FY14 – 1.54
- 2<sup>nd</sup> Quarter
  - FY15 – 1.46
  - FY14 – 1.25
- 3<sup>rd</sup> Quarter
  - FY15 – 1.48
  - FY14 – 1.62
- Contributing Factors:
  - From 1<sup>st</sup> Quarter to 3<sup>rd</sup> Quarter FY15, there was a decrease in bus collisions (48 collisions)

***Mobility Collisions/100,000 Miles – Target Rate 2.85***

- January – 2.94
- February – 1.45
- March – 3.03
- Contributing Factors:
  - From January to March, there was a 3.1% increase in the Mobility Collision Rate (2 collisions)

***Preventable/Non-Preventable Mobility Collisions (January – March 2015)***

- January
  - Preventable – 11
  - Non-Preventable – 9
- February
  - Preventable – 6
  - Non-Preventable – 3
- March
  - Preventable – 14
  - Non-Preventable – 8
- Mobility Preventable Rate

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- January – 1.62
- February – 0.96
- March – 1.93

***Mobility Collisions by Type & Grade (January – March 2015)***

- Preventable
  - Collision with Auto – 15
  - Collision with Fixed Object – 16
- Non-Preventable
  - Collision with Auto – 17
  - Collision with Fixed Object – 2
  - Collision with Pedestrian – 1
- Fixed Route
  - January
    - Collisions – 20
    - Miles – 679,626
  - February
    - Collisions – 9
    - Miles – 622,524
  - March
    - Collisions – 22
    - Miles – 725,171
- Contributing Factors:
  - Increase of 3.1%, 2 Collisions
  - Increase of 6.3%, 76,075 in Mileage

***Mobility Collisions by Years of Experience (January – March 2015)***

- 0-5 Years – 69%
- 6-10 Years – 18%

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- 11-20 Years – 12%
- 21-30 Years – 2%
- Contributing Factors:
  - Operators with 0-5 years of experience are contributing to 69% of total collisions
  - 35.3% of collisions are due to contact with fixed objects

***Mobility Collisions by 0-5 Years of Experience (January – March 2015)***

- Preventable
  - Collision with Auto – 12
  - Collision with Fixed Object – 11
- Non-Preventable
  - Collision with Auto – 11
  - Collision with Fixed Object – 1
- Contributing Factors:
  - 66% of collisions are due to contact with autos
  - 23.5% of collisions are due to contact with fixed objects

***Mobility Collisions by Quarter***

- 1<sup>st</sup> Quarter
  - FY15 – 0.86
  - FY14 – 1.00
- 2<sup>nd</sup> Quarter
  - FY15 – 1.88
  - FY14 – 1.37
- 3<sup>rd</sup> Quarter
  - FY15 – 1.53
  - FY14 – 1.95
- Contributing Factors:



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- From 1<sup>st</sup> Quarter to 3<sup>rd</sup> Quarter FY15, there was a 8.5% increase in mobility collisions

*Corrective Actions Moving Forward*

- Continue to focus on reducing preventable accidents
- Continue performing Route Hazard Analysis
- Continue implementing Operator Retraining
- Continue to conduct Safety Ride Checks
- Continue use of Mirror Stations at Laredo Garage

Mr. Daniels said preventable accidents are at a high percentage. He asked if there is some type of machine to train new operators.

Mr. Mason said MARTA is looking at purchasing a bus simulator through the Capital Improvement Program (CIP).

Mr. Daniels asked how are bus cameras being implemented into training.

Mr. Mason said operators that are involved in preventable accidents watch the video of the incident and are shown ways it could have been avoided.

Mrs. Hardage asked how does MARTA compare with other agencies.

Mr. Mason said MARTA categorizes its accidents differently from other agencies. APTA does not have a set standard, yet MARTA is in line with other agencies' overall collision rates.

Mr. Krisak said it is important to note that the percentages refer to the accident rate not the number of operators involved in accidents.

Mr. Daniels asked how will the accident rate be impacted by the use of articulated buses.

Mr. Krisak said articulated buses are actually easier to drive.

Mr. Mason added that most agencies see less accidents with articulated buses.

Mr. Parker said staff brings the Board information on relatively minor accidents. In the future, staff may need to differentiate the accidents. However, MARTA is hesitant to

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change its accident reporting standard with the current trend until all the new operators are trained. The biggest thing is paying attention to the trends, and more data is needed.

**Other Matters**

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No other matters came before the Committee.

**Adjournment**

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The meeting of the Operations & Safety Committee adjourned at 10:35 a.m.