

MINUTES
MEETING OF THE BOARD OF DIRECTORS
OPERATIONS & SAFETY COMMITTEE
METROPOLITAN ATLANTA RAPID TRANSIT AUTHORITY

March 27, 2014

The Board of Directors Operations & Safety Committee met on March 27, 2014 at 10:07 a.m. in the Board Room on the 6th Floor of the MARTA Headquarters Building, 2424 Piedmont Road, Atlanta, Georgia.

Board Members Present

Juanita Jones Abernathy
Harold Buckley, Sr.
Jim Durrett
Roderick E. Edmond, *Chair*
Kirk Fjelstul*
Freda B. Hardage

MARTA officials in attendance were: General Manager/CEO Keith T. Parker, AICP; Chief Operating Officer Richard A. Krisak; Chief of Staff Rukiya S. Eaddy; Chief Administrative Officer Edward L. Johnson; Chief Financial Officer Gordon L. Hutchinson; Chief Counsel Elizabeth O'Neill; AGMs LaShanda Dawkins (Interim), Wanda Dunham, Rod Hembree (Acting), Ming Hsi, Ryland McClendon and Terry Thompson; Executive Director Ferdinand Risco; Senior Directors Bernard Guida and David Springstead; Director Anton Bryant; Managers James Sibert, Beverly Williams; Executive Manager to the Board Rebbie Ellisor-Taylor; Senior Executive Administrator Brenda L. Williams; Finance Administrative Analyst Tracy Kincaid. Others in attendance Davis Allen, Shyam Dunna, Mary Eady, Abebe Girmay, Anthony Pines, Srinath Remala, Tuan Vo, Dansby Wade and Nicholas Waters.

Also in attendance Helen McSwain and Matt Pollack of MATC; Marsha Anderson Bomar, Davis Gene and Woody Moore of Stantec; Paul Schlosser of VAZ; Sid Sparks of Virginkar & Associates.

Consent Agenda

1. Approval of the February 27, 2014 Operations and Safety Committee Meeting Minutes

*Kirk Fjelstul is Acting Executive Director of Georgia Regional Transportation Authority (GRTA) and is therefore a non-voting MARTA Board Member

2. Resolution Authorizing the Award of Contracts for the Procurement of Engine Oil, CP B32040

On motion by Mr. Durrett seconded by Mr. Daniels, the Consent Agenda was unanimously approved by a vote of 5 to 0, with 6* members present.

Individual Agenda

Resolution Authorizing Award of a Contract for the Procurement of Ninety-Four (94) Paratransit Lift Vans, RFP P31610

Mr. Bryant presented this resolution for Board of Directors approval authorizing the General Manager/CEO or his delegate to enter into a contract with Alliance Bus Group, Inc., a State of Georgia National Joint Powers Alliance (NJPA) Mass Transit National Contract Vendor number 022210-IBG, in the amount of \$6,512,100.98 for the procurement of ninety-four (94) paratransit lift vans.

On motion by Mr. Durrett seconded by Mr. Daniels, the resolution was unanimously approved by a vote of 5 to 0, with 6* members present.

Other Matters

Mr. Hembree provided the Committee a Safety Department Informational Briefing.

Department of Safety and Quality Assurance (DSQA)

- Mission – Develop and successfully implement comprehensive Safety and Quality Assurance management programs that will ensure safe and reliable service locally and regionally
- Key Responsibilities
 - Manage and monitor the Authority's compliance with applicable federal and state system safety regulatory requirements
 - Provide safety and quality oversight of the Authority's capital projects and operational processes
- Business Structure
 - Office of Safety
 - Office of Quality Assurance and Configuration Management

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Office of Safety

- Environmental Health and Safety
 - Newly formed in FY15
 - Oversight responsibilities include – compliance requirements for air, water, wastewater quality, underground tank upkeep, asbestos abatement, hazardous materials, spills handling, and stream upkeep
- Operational Safety
 - Formally Accident/Incident Investigations
 - Monitors trends in operational safety data, collision investigations, accident grading, transportation hazard identifications, vehicle/facility inspections, rules compliance
- System Safety Programs
 - Oversees and conducts Industrial, Construction, Fire/Life Safety inspections in support of CIP and JOC programs

Office of Quality Assurance and Configuration Management

- Contracts Management
 - Monitor and assess contracts to ensure compliance with specified requirements –accomplished through:
 - Test Witnessing
 - Contract Reviews
 - Receiving Inspections
 - Vendor and Site Visits
- Quality Assurance – Audits
 - Routine evaluation of operation and maintenance procedures to ensure compliance with established processes and documentation
 - Triennial safety and security review of internal processes and documentation to ensure compliance with federal and state regulatory requirements

National Transportation Safety Board (NTSB) Directives

- Require redundant protection for roadway workers
 - Forwarded to FTA on December 19, 2013

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- Authority's response on January 2, 2014: MARTA has always had redundant protection
- Review and revise as necessary to prevent the worker from being the sole source of protection
 - Forwarded to FTA on December 19, 2013
 - Authority's response on January 2, 2014: immediate adjustment made to the Wayside Access Procedure to ensure beyond compliance
- FTA Safety Advisory Requests
 - Inventory current practices and complete a 64-item checklist
 - Issued to MARTA on December 31, 2013
 - Authority's response on January 2, 2014: QA auditors used the checklist in the same manner as an audit; expanded answers beyond simple yes/no
 - Conduct a formal hazard analysis regarding workers' access to the right-of-way
 - Issued to MARTA on December 31, 2013
 - Authority's response on January 2, 2014: QA Engineers and Safety Officers are conducting Hazard Identification and Risk Assessments (HIRAs) on the elements of the MARTA RWP procedures

Milestones

- 64-Item Checklist – Due February 28, 2014
 - Forwarded the completed checklist to the State Safety Oversight office on February 25, 2014
- Hazard Analysis – Due May 16, 2014
 - Staff has completed the first scrub of the Wayside Access Procedure
 - Begun first scrubs of the Rail Transportation Operating Rules and the Automatic Train Control Rulebook

Mr. Krisak briefed the Committee on Positive Train Control Update.

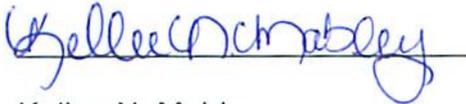
- Positive Train Control Update (PTC) is a new requirement mandated by Congress and imposed by the Federal Railroad Administration (FRA) as a result of the 2008 commuter train accident in Chatsworth, CA
- Federal law, 49 CFR 236.1005 – Requirements for Positive Train Control systems, requires PTC as a system designed to prevent:
 1. Collisions (by maintaining proper separation)
 2. Derailments (from over speed)
 3. Entry into work zones
 4. Improperly aligned switches
- Primarily for freight railroads carrying inter-city, commuter rail and/or transporting Hazardous Material
- Since 1979, MARTA has utilized an advanced form of PTC together with nine other transit peer agencies (* indicates partial application):
 - Bay Area Rapid Transit (BART)
 - Washington Metropolitan Area Transit Authority (WMATA)
 - South Eastern Pennsylvania Transit Authority (SEPTA)*
 - Massachusetts Bay Transportation Authority (MBTA)*
 - Maryland Transit Authority (MTA)
 - Greater Cleveland Regional Transit Authority (GCRTA)*
 - Los Angeles Metropolitan Transit Authority (LAMTA)*
 - Port Authority Transit Corporation, New Jersey (PATCO)
 - Miami-Dade Transit
- Automatic Train Control (ATC) System
 - MARTA's ATC has three essential elements:
 - Automatic Train Protection (ATP) controls speed and train separation; ATP makes MARTA fully compliant with PTC)
 - Automatic Train Operation (ATO) regulates start, stop and train speed
 - Automatic Line Supervision (ALS) includes dispatch, routing and train-wayside communication
- New Initiatives and Safety Enhancements
 - Train Control Supervisory Control and Data Acquisition Upgrade (TCSU) project:
 - Replacing legacy system with a new modern microprocessors

- Performance levels and dwell control to regulate arrival/departure
- Incorporate tunnel ventilation scenarios
- New on board display with work zones and vehicle diagnostics
- Audio Frequency Track Circuit Module Replacement
- A/C Track Circuit Upgrade Project

Adjournment

The meeting of the Operations & Safety Committee adjourned at 11:13 a.m.

Respectfully submitted,



Kellee N. Mobley
Sr. Executive Administrator to the Board