

**MARYLAND AVIATION COMMISSION
WEDNESDAY, NOVEMBER 15, 2023
ASSEMBLY ROOM A/B, THIRD FLOOR
BALTIMORE/WASHINGTON INTERNATIONAL THURGOOD MARSHALL AIRPORT**

OPEN SESSION

MARYLAND AVIATION COMMISSION MEMBERS

Paul Wiedefeld, Chairman
Ned Carey
Jesse Chancellor
T. Chineta K. Davis
Lisa Ellis
W. Drew Hawkins
José Morales
Raymond C. Nichols
Karen Price-Ward
Mary Reese
Dr. Cedric Sims
David L. Winstead, Esq.
Dr. Zafar Zafari
Colter Menke, Department of Commerce (*representing
Secretary Kevin Anderson*)

MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)

MARYLAND AVIATION ADMINISTRATION (MAA)

Ricky D. Smith, Sr.
Bernadette Bridges (*virtual attendee*)
Diana Leon-Brown
Niqui Clark (*virtual attendee*)
Jonathan Dean
Annette Fisher
Harold Fowler
Rachel Goodman
Staci Gorden
Janean Hazelton
Jordan Kayloe
William Lindsey
Shanae Murray
Wayne Pennell
Keiva Rodrigues
Robert Sager
Paul Shank

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Caleb Singer (*virtual attendee*)
Ashish Solanki
Todd Whittle (*virtual attendee*)
Tanya Wojtulewicz

OTHER EMPLOYEES OF THE STATE OF MARYLAND

None

MEMBERS OF THE PUBLIC

Laura Donovan
Benjamin Roberts
Ed Jones

Chairman Wiedefeld called the meeting to order at 10:03 a.m.

WELCOME AND APPROVAL OF MINUTES – Chairman Wiedefeld

Upon request for a motion to approve the minutes of the July 12th Commission meeting, it was so moved by Commissioner Winstead, seconded by Commissioner Chancellor and approved unanimously.

EXECUTIVE DIRECTOR’S REPORT – Executive Director Ricky Smith

Executive Director Smith introduced two new members of MAA’s Executive Management Team:

- Keiva Rodrigues, Chief Operating Officer
- Diana Leon-Brown, Chief of Staff

He also welcomed the following new Commissioners:

- Dr. Cedric Sims
- Mr. Edward “Ned” Carey
- Mr. Jesse Chancellor
- Ms. Karen Price-Ward
- Ms. Mary Reese
- Dr. Zafar Zafari

Commissioners introduced themselves and shared biographic information.

Executive Director Smith then provided an update on legislative activity pertaining to MAA.

State Activity

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Over the last several months, MAA held a series of briefings for federal and state legislators and their staff, as well as other government officials.

Visitors included:

- Comptroller Brooke Lierman
- A cohort of U.S. Congressional staffers from the Offices of Sen. Ben Cardin (D-MD), Rep. Mike Quigley (D-IL), Rep. Tracey Mann (R-KS), Sen. John Boozman (R-AR), Sen. Ted Cruz (R-TX).
- FAA officials
- Chairman Courtney Watson and members of the Maryland House Transportation & Environment Subcommittee
- Attorney General Anthony Brown and his staff
- Chairwoman Melony Griffith and members of the Maryland Senate Finance Committee
- Staffers from the Offices of U.S. Senator Chris Van Hollen (D-MD), Senator Ben Cardin (D-MD) and Congressman John Sarbanes (D-MD)

These briefings included presentations on MAA's priorities, forthcoming capital projects, and efforts to address noise concerns. Additionally, the presentations addressed MAA's financial standing and future air service. The visits concluded with guided tours of the airfield.

The Maryland General Assembly will reconvene in January 2024.

All modes within the Maryland Department of Transportation have recently completed a draft of the six-year Consolidated Transportation Program (CTP). The Secretary's team – comprised of administrators – traveled around the state to present an overview of what is in the draft CTP. They also collected feedback from representatives in each of the counties. The feedback will be used to prepare the final CTP. MAA participated in all of the CTP meetings and received important feedback.

Federal Activity

- The FAA Reauthorization Act of 2023 is a bipartisan legislation that reauthorizes the Federal Aviation Administration (FAA) and aviation safety and infrastructure programs for the next five years.
- The Senate voted on September 28, 2023 to advance a stopgap spending bill, using the House version of the five-year FAA reauthorization bill (H.R. 3935) as a vehicle. The bill extends government funding through November 17, 2023. The Senate CR would also extend the FAA reauthorization for 3 months through December 31, 2023.
- On October 25, 2023, the new Speaker of the House, Mike Johnson, indicated that the House would begin negotiations on the FAA as soon as the Senate passes it.

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- In May 2023, the Board of Public Works (BPW) approved \$1.1 million in state funding to provide 18 homes with sound insulation treatments. As part of the airport's Residential Sound Insulation Program.
- This approval was the first phase of a \$35 million, multi-year program that will ultimately improve more than 100 single-family homes and more than 300 multi-family units in 17 buildings.
- In March 2023, it was announced that through the Infrastructure Investment & Jobs Act, BWI Marshall would be receiving \$38 million of federal funding to support airport upgrades.
- The funding was made available through the FY2023 Airport Terminal Program, which was created by the Infrastructure Investment & Jobs Act. The grant will be used to support the A/B Baggage Handling & Terminal Renovation project.
- Additionally, it was announced in March 2023 that BWI Marshall will be receiving an additional \$15.5 million to reconstruct 1,800 feet of aging taxiway pavement.
- The funding comes through the FAA's Airport Infrastructure Grant Program as part of the Infrastructure Investment & Jobs Act.

ORIENTATION FOR THE MARYLAND AVIATION COMMISSION – Executive Director Ricky Smith State legislation (SB 0162) recently passed and became effective October 1, 2023. This legislation changed the composition of the Maryland Aviation Commission. In addition to increasing the size of the Commission, the legislation also requires that MAA provide a formal orientation to all Commissioners.

Executive Director Smith presented the orientation during the first half of this Commission meeting.

Topics covered:

- Agency Overview – information about MDOT and MAA's mission, MAA's governance structure, the role and responsibilities of the Maryland Aviation Commission, MAA's executive management team, timeline of Maryland's aviation history, the infrastructure of BWI Marshall and Martin State, the economic impacts of the airports, and facts about both airports.
- Air Service Development – information about the Use and Lease Agreement, passenger airlines serving BWI Marshall, passenger traffic, BWI Marshall's ranking among the busiest U.S. airports, BWI Marshall's route map of nonstop destinations, and the airline market share at the airport.
- Financial Overview – information about MAA's operating revenues and expenses with variance analysis for FY 2013 thru FY 2022.

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- **Cargo Overview** – information about Amazon Air’s cargo facility at BWI Marshall, the airport’s cargo capacity, cargo airlines serving BWI Marshall, and types of cargo at BWI Marshall.

During the orientation, commissioners asked questions about the infrastructure at both airports, BWI Marshall’s standing as the busiest airport in the region, the Glenn L. Martin Maryland Aviation Museum, hangar space at Martin State, preparations for the Thanksgiving holiday travel rush, slot control, the Southwest Airlines maintenance facility, signatory vs. non-signatory air carriers, and BWI Marshall’s future master plan.

Following the orientation, Commissioner Chancellor read a prepared statement. During his remarks, he commended the Executive Director for providing a thorough orientation for Commissioners. He also referenced the legislation that changed the composition of the Maryland Aviation Commission and added public health considerations to the Commission’s purpose. He encouraged all Commissioners to understand the context of the public health considerations, which include data, science and citizen experience. Commissioner Chancellor offered to provide information to the Commission regarding data, science and citizen experience.

Secretary Wiedefeld encouraged sharing the above referenced information publicly and with the entire Commission.

BUSINESS DEVELOPMENT & MANAGEMENT – Tanya Wojtulewicz, Deputy Chief of Business Development & Management

Approval of MAA Six Year Capital Program FY 2024-2029

The Maryland Aviation Commission is mandated to approve major capital projects at State-owned BWI Marshall and Martin State airports prior to submitting the projects to the General Assembly.

MAA submitted its Final Consolidated Transportation Program (CTP) to The Secretary’s Office (MDOT TSO) on October 27, 2023. MAA’s final capital program submission totals \$1.1 billion for the FY 2024-2029 period and includes two (2) new major capital projects added to the Construction Program.

The two new major capital projects added to the Construction Program and their total estimated costs are listed below:

- D/E Bag Claim Expansion at BWI Marshall Airport - \$27.4M
- Runway Improvement Program at Martin State Airport - \$34.3M

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MAA continues to implement the following previously approved major capital projects at BWI Marshall and Martin State airports. The projects and their total estimated costs are listed below.

- Taxilanes N and N1 Reconstruction at BWI Marshall Airport- \$24.1M
- Fuel Storage Tank Additions at BWI Marshall Airport - \$26.1M
- Air Operations Area Fence Upgrade at BWI Marshall Airport - \$11.3M
- DX/DY Apron Pavement Rehab at BWI Marshall Airport - \$12.7M
- Deicing Pad Expansion at BWI Marshall Airport - \$61.8M
- 15L/33R & Associated TWs - Pavement Rehab at BWI Marshall Airport - \$14.2M
- Taxiway F Extension at Martin State Airport - \$6.8M
- Concourse A/B Bag 0-5 Reconfiguration at BWI Marshall Airport - \$26.5M
- Snow Equipment Replacement - \$24.3M
- Electrical Substations Reconstruction at BWI Marshall Airport - \$30.5M

Upon request for a motion to approve the Major Capital Projects and Existing Projects Previously Approved for inclusion in the Final FY 2024-2029 CTP, it was so moved by Commissioner Hawkins, seconded by Commissioner Carey, and approved unanimously.

PLANNING & ENGINEERING – Paul Shank, Chief of Planning & Engineering

Construction Progress Report

Concourse A/B Connector and Baggage Handling System – Anticipated Completion-July 2026

This is a two-level terminal expansion project that includes a new connector between Concourses A and B, expanded holdrooms, new concessions, renovated restrooms, new in-line baggage system, and airline operations space. The project also includes capacity improvements to the Central Utility Plant and lighting improvements at the Lower Roadway. The program is using a Construction Manager at Risk (CMAR) project delivery method.

Key Milestones and Commitments:

- Design/Program Manager/CMAR Notice to Proceed: **January 2019**
- Mobilization, Selective Demo and Site Prep NTP (GMP-1 of 2): **January 2022**
- Connector Construction NTP (GMP-2 of 2): **November 2022**
- In-Line Screening Baggage Handling System Operational: **October 2025**
- Gates A1 through A5 with Open Market Concessions Operational: **December 2025**
- Project Complete: **July 2026**

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Project Goals:

- Provide New & Increased Capacity In-line Screening Baggage Handling System
- Optimize BHS Tug Operations
- Consolidate SWA Facilities
- Connect Concourses A & B
- Relieve Passenger Congestion
- Increase Concessions Opportunities
- Enhance Passenger Level of Service
- Improve Inbound Baggage Performance
- Modernize Passenger Restrooms
- Improve Project Design and Delivery Methodology - CMAR

Highlights

- **SINGLE** Phase CBRA/CBIS Commissioning/Turnover
- Oversized BHS Screening
- Consolidated SWA Operations
- Badged Employee Entry
- Additional Substation
- Concession Storage
- Concession Receiving
- Concessions Freight Elevator
- Additional Outbound BHS Bag Make-Up Operations
- Improved Inbound Tug Operations
- Unrestricted Vehicle Service Road (VSR)

Airline Maintenance Facility and Taxiway F (Phase 1/ Segment 1) – Anticipated completion – June 2025.

The project includes 26-acre site development for airline maintenance facility. MAA is preparing the site, and Southwest Airlines will build on it. Utilities brought into the site for connection to the facility. Construction of perimeter roads will be realigned to allow for both landside and airside access to the facility and connectivity to the existing perimeter road near Taxiway 'W'. In addition, a portion of Taxiway 'F' will be relocated.

Progress:

- AMF site mass excavation is complete, apron site turned over to SWA.
- Taxilane W1 ("Bowtie" APRON) in progress and nearing completion.
- Stone placement ongoing at the VSR, base paving upcoming.

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- Stormwater pipe, sanitary line and waterline installation complete.
- BGE gas and electric work complete to hangar, work ongoing to establish temporary power at hangar site.
- Remaining work 2024/25 - final stormwater management controls, final SIDA fence and surface course paving, close out stockpile permit.

Airline Maintenance Facility and Taxiway F (Phase 1/ Segment 2) – Substantially Completed – September 2022.

The project relocated 1,300 feet of Taxiway F from the existing intersection with Taxiway G to a point east of the new taxiway entrance to the airline maintenance facility. It will also address taxiway/runway FAA geometric standards.

Progress:

- Taxiway F Ph 1 Segment 2 completed 9/22/22, ahead of schedule.
- Taxiway F and Taxiway G to Runway 10 reopened on schedule.
- Awaiting final close out documentation for final payment.

BWI Terminal Restroom Improvement Program – Anticipated Completion – April 2024

Renovations of six (6) sets of existing airside restrooms including demolition, renovation work, extension of building envelope and alternate finishes. Two sets each in Concourses B, C, and D. The renovation will vary for each restroom depending on the current condition and projected usage.

Restroom Opening Schedule:

- B.R1 – Open
- DY.R2 Women’s – Open
- C.R2 – Open
- C.R3 – Open
- DX.R2 – Open
- B.R2 Women’s – November 30
- DY.R2 Men’s – December 15
- B.R2 Men’s – April 16, 2024

Progress at B.R1 - Gate B3

Upper Level Activities

- Restroom opened to public April 10, 2023.

Lower Level Activities

- Staging area used for B.R2 material storage.

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Progress at C.R2 - Gate C2

Upper-Level Activities

- Restroom opened to public July 17, 2023.

Shell Spaces

- Framing and MEP rough in ongoing in future tenant spaces.

Progress at C.R3 - Gate C9

Upper-Level Activities

- Restroom opened to public September 13, 2023.
- Framing and MEP rough-in ongoing in future tenant space.
- Removal of hot water tank in progress.

America's Best Restroom contest

In September 2023, Cintas Corporation named BWI Marshall the winner of the 2023 America's Best Restroom® contest. In its 22nd year, the America's Best Restroom contest, hosted by Cintas, celebrates innovative and hygienic public restrooms across the country. BWI Marshall was one of 10 finalists that were selected based on cleanliness, visual appeal, innovation, functionality and unique design elements. The public had the opportunity to vote for the 10 finalists between July 11th and August 11th at BestRestroom.com.

MAA's Efforts to Address Aviation Noise

Long-Standing Initiatives:

- Dedicated noise office staff
- Noise monitoring system
- Noise studies
- Voluntary Residential Sound Insulation Program and Voluntary Acquisition Program

Additional Current Initiatives:

- DC Metroplex BWI Community Roundtable
- Industry Participation

BWI Marshall Operations, Proposed Procedure Changes, and MAA, Industry and Roundtable Response to FAA Implementation of NextGen

NextGen Implementation Timeline

2017:

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- FAA completes NextGen implementation (March 2016)
- Roundtable Established (March 2017)
- First meeting with FAA PBN Working Group - Industry and MAA (August 2017)

2018:

- FAA presents proposed departure solutions (April 2018)
- Maryland files Administrative Petition to Review (June 2018)

2019:

- Roundtable approves departure solutions; requests arrival solutions (January 2019)
- Roundtable Technical Committee formed, including RT, Industry and MAA (February 2019)
- Developed Roundtable Technical Committee proposed changes to arrival procedures at BWI

2020:

- COVID delays FAA, Industry and MAA
- Performance Based Navigation (PBN) Working Group Meeting (November 2020)

2021:

- PBN Working Group Meetings (March, April, June, November 2021)

2022:

- FAA presents revised procedure proposal (August 2022)
- MAA and Industry analysis of FAA procedures

2023:

- Final review of FAA procedures
- MAA and RT concur (September 2023)

The FAA planned implementation for departures is in May 2024 and for arrivals and IAPs is in July 2024.

MAA Concurrence Letter

- MAA requested the FAA conduct public meetings for the SIDs, STARs and IAPs environmental reviews, including outreach to all interested stakeholders, elected officials and the general public.

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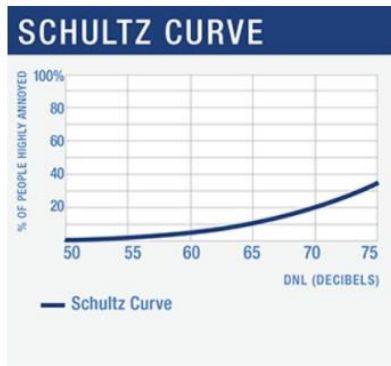
- MAA offered to assist the FAA in preparing for the public meetings and identifying locations for those meetings.

FAA Noise Policy Review Process

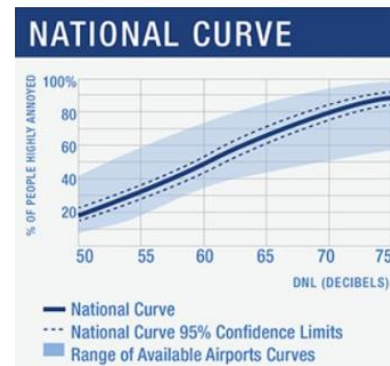
- FAA published a Federal Register Notice on May 1, 2023 in response to their Neighborhood Environmental Survey, published in 2018
- Key question: Should FAA transition away from a monolithic noise policy with a single noise metric (DNL) in favor of an expanded system of noise metrics?
- Over 4,800 comments received:
 - Industry trade groups including ACI-NA, ALPA, AOPA, NBAA, A4A, IATA, AAAE
 - Airport Sponsors
 - Congressional Quiet Skies Caucus
 - Roundtables and community groups
 - More than 4,700 citizens from across the country

Community Sentiments on Noise

Community annoyance has increased. Although the number of people exposed to aircraft noise has been reduced through quieter aircraft and noise abatement procedures, people surveyed are more annoyed at the same cumulative noise levels.



Historic (1978): Approximately 12% of people "Highly Annoyed" at a level of 65 DNL.



Today: Approximately 60% of people "Highly Annoyed" at a level of 65 DNL.

MAA Response

- MAA looks to the FAA to conduct, analyze, and ultimately base future policy on scientific peer-reviewed research.
- MAA supports the use of the DNL as the primary metric for the analysis and reporting of noise exposure. Using supplemental metrics may help stakeholders understand potential changes to the noise environment.

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- MAA recommends FAA consider lowering the threshold for noise mitigation and changing thresholds for a significant impact under NEPA if supported by peer-reviewed medical research.
- MAA encourages FAA to consider research that identifies psychological and physiological impacts on a percentage of the public that are highly sensitive to noise exposure.
- FAA should take a more proactive role in communicating changes in noise exposure due to changes in flight procedures.

Looking Forward

- FAA evaluating NPR comments
- MAA will continue to follow relevant Federal and State Guidance
- Conclusion of the current PBN process – procedures scheduled for implementation in May 2024 (Departures) and July 2024 (Arrivals and IAPs)
- 14 CFR Part 150 study following implementation of new procedures
- Continue Federally-funded sound insulation program

Meeting Adjourned

There being no further business, a motion to adjourn was made by Commissioner Winstead, seconded by Commissioner Hawkins, and approved unanimously. The meeting adjourned at 12:09 p.m.