

MARYLAND AVIATION COMMISSION
WEDNESDAY, APRIL 19, 2023
ASSEMBLY ROOM A/B, THIRD FLOOR
BALTIMORE/WASHINGTON INTERNATIONAL THRUGOOD MARSHALL AIRPORT

OPEN SESSION

MARYLAND AVIATION COMMISSION MEMBERS

Paul Wiedefeld, Chairman
Vishal Amin
W. Drew Hawkins
Jose' Morales
Raymond C. Nichols
Calvin D. Peacock
Ivory E. Tucker
David L. Winstead

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION (MDOT MAA)

Ricky D. Smith, Sr.
Dean Christmon
Jeanette Cook
Jonathan Dean
Staci Gorden
Jordan Kayloe
William Lindsey
Wayne Pennell
Hazel Robinson
Robert Sager
Paul Shank
James Walsh

OTHER EMPLOYEES OF THE STATE OF MARYLAND

Colter Menke, Department of Commerce

MEMBERS OF THE PUBLIC

Jimmy Pleasant

Chairman Wiedefeld called the meeting to order at 1:03 p.m.

WELCOME AND APPROVAL OF MINUTES – Chairman Wiedefeld

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Upon request for a motion to approve the minutes of the February 15 Commission meeting, it was so moved by Commissioner Hawkins, seconded by Commissioner Tucker and approved unanimously.

Upon request for a motion to approve the minutes of the March 29 Commission meeting, it was so moved by Commissioner Hawkins, seconded by Commissioner Winstead and approved unanimously.

EXECUTIVE DIRECTOR'S REPORT – Ricky Smith

Ricky introduced Rachel Goodman as the new Chief of the Division of Airport Technology and Innovation. He then provided an update on legislative activity pertaining to the Maryland Aviation Administration (MAA).

A bill has passed in the Maryland legislature that will alter the composition of the Maryland Aviation Commission by adding four new members. The number of Commissioners will increase from nine to thirteen. The bill stipulates that the state senators in Anne Arundel County and in Howard County will each recommend a candidate to be appointed to the Commission. The bill also requires members of the Commission to participate in an orientation.

The four new appointments to the Commission have not been made yet. MAA is awaiting guidance from the Governor's Appointments Office.

MARKETING & AIR SERVICE DEVELOPMENT – Jonathan Dean and Jordan Kayloe

Recent Media Coverage

Since the last Commission meeting in February, MAA and BWI airport received the following media coverage:

- *BWI is a gem among East Coast airports*
- *What Makes BWI Different (and Better)*
- *Copa Airlines to Join Roster of International Carriers at BWI Thurgood Marshall Airport Starting June 28*
- *CIAA Tournament 2023: Welcome Pep Rally and Reception at BWI Marshall*

Air Service and Traffic Statistics

Looking at future capacity, Q2 seats are down 3% from Q2 2019. Q3 seats are up 3% from Q3 2019, though schedules may still change.

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In Q2 2023, Southwest offers over 70% of seat capacity.

On July 28, 2022, JetBlue announced its intent to acquire spirit. Regulatory approval is expected to take two years, with the Department of Justice suing to stop the merger on March 7, 2023. The State of Maryland joined the lawsuit March 31, 2023. The carriers will operate independently in the meantime.

In Q2 2023, BWI Marshall offers the most seats in the region. DCA's slot rules had meant carriers were operating all pre-pandemic flights, increasing capacity artificially. Without these restrictions, BWI Marshall's supply grows in summer to meet seasonal demand.

Airlines are restarting or launching many new routes in 2023.

Copa Airlines launched a new route from BWI to:
-Panama City, Panama

Southwest launched a new route from BWI to:
-Oakland, CA

Frontier launched new routes from BWI to:
-San Juan, Puerto Rico
-Dallas / Fort Worth, TX

Spirit launched a new route from BWI to:
-San Antonio, TX
-Austin, TX

Copa Airlines opens connections to most of Central and South America. Service from BWI starts Wednesday, June 28, 2023. Flights will occur four times a week.

TSA statistics provide the most immediate look at passenger volumes. While they do publish numbers daily, they only count departing passengers – not arriving or connecting passengers.

The first half of April—with spring break—saw the best recovery to date. December saw holiday operational issues.

International traffic returned strongly in 2023.

For air cargo, year-over-year cargo growth has slowed since the spring. Shoppers are returning to brick and mortar stores, so airlines are carrying less cargo as online ordering flattens. But

compared to 2019, cargo is generally up double digits. Cargo remains much stronger than pre-pandemic levels.

Regarding flight capacity, total operations have generally fallen less than passenger numbers.

BUSINESS DEVELOPMENT & MANAGEMENT – James Walsh

Federal Relief Sources and Uses

Coronavirus Aid, Relief, and Economic Security Act, March 27, 2020 (CARES Grant)

Total MAA FY 2020 CARES funding allocation: \$87.6 million

CARES Grant Allocation as Directed by TSO:

- Allocation of CARES Act funding for recoverable expenses reduced FY21 airline revenues/fees by \$36 million.
- Airlines were credited back CARES grant thereby reducing the Transportation Trust Fund (TTF) revenues.

MAA Allocation for Expenses:

- \$12.6 million – Capital Project Expenses
- \$14.3 million – Debt Service
- \$60.8 million – Operating Expenses

Coronavirus Response and Relief Supplemental Appropriation Act, December 27, 2020 (CRRSAA)

Total MAA FY 2021 CRRSAA Funding Allocation: \$24.1 million

MAA Allocation for Expenses:

- \$2.8 million – TTF Revenue (will be directly remitted to TTF as revenue for concession relief.)
- \$1.3 million – COVID Projects
- \$20 million – PFC Debt / MDOT Loan

American Rescue Plan Act, March 11, 2021 (ARP)

Preferred Option – Pending FAA Approval:

- MDOT Loan payment \$80 million. Debt obligation completed.
- \$4.1 million for other COVID Projects.
- Remaining \$11.4 million direct concession relief.

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Benefits of Paying MDOT Loan:

- Free up PFC capacity for New Application

MAA Requested Allocation for Expenses:

- \$4.1 million – COVID projects
- \$11.4 million – TTF Revenue
- \$80 million – PFC Debt / MDOT Loan

FEDERAL RELIEF TO MAA¹

(\$millions)

	Expenses ²	Concession ³	AIP 100%	Total
CARES	\$87.6		\$2.9	\$90.5
CRRSAA	\$21.3	\$2.8		\$24.1
ARP (estimate)	\$84.1	\$11.4	\$6.7	\$102.2
TOTAL	\$193.1	\$14.2	\$9.6	\$216.9

Notes:

- 1) CARES - Coronavirus Aid, Relief, and Economic Security Act, March 27, 2020
CRRSAA - Coronavirus Response and Relief Supplemental Appropriation Act, December 27, 2020
ARP – American Rescue Plan Act, March 11, 2021. Guidance not yet available.
AIP – Airport Improvement Program
- 2) Includes BWI and Martin State. For debt service or COVID related expenses.
- 3) Revenue relief remitted to the TTF as Revenue.

Bipartisan Infrastructure Law (BIL)

In 2021, Congress passed the Bipartisan Infrastructure Law which provided \$20 billion in Federal Funding over five years to support airport infrastructure across the nation. MAA anticipates receiving \$135 million, which will be used for infrastructure projects.

Program	Program Type	Amount
Airport Infrastructure Funding	<i>Entitlement</i>	\$15B
Airport Terminal Program (ATP)	<i>Competitive</i>	\$5B
FAA Airport Traffic Facilities		\$5B

Airport Infrastructure Funding

FAA uses a formula based process, similar to the Airport Improvement Program (AIP), to allocate these funds annually to airport sponsors. Funds can be used on AIP eligible project expenses and must be obligated within 3 years.

MAA is currently planning on using infrastructure funding in next few years.

Airport Terminal Program

FAA awards \$1B annually under the Airport Terminal Program (ATP) through a competitive application process. In FY 2023, MAA was awarded the 3rd largest grant (\$38 million) for the baggage handling system (BHS) project. Grant application submissions are planned for FY 2024.

Airport Traffic Facilities

FAA has set aside \$20M for the Contract Tower (FCT) Competitive Grant Program. MAA has been actively seeking an award for the MTN Airport Tower Replacement.

PLANNING & ENGINEERING – Paul Shank

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. Project also includes capacity improvements to the Central Utility Plant and lighting improvements at the Lower Roadway. Program is using a Construction Manager at Risk (CMAR) project delivery method.

Final Funding Approved: BPW 100% Special (Transportation Trust Fund):

The CMAR contract was initially awarded for the pre-construction costs. As the design progressed and design information became more available, the contractor sequentially and competitively bid construction packages.

In December 2021, the BPW approved the CMAR to provide two (2) Guaranteed Maximum Price packages.

The first package, GMP1 awarded construction mobilization, site & facility preparation, utility surveying and test pitting, selective apron demolition.

The second package, GMP 2 awarded foundations, structures, baggage handling system, glazing systems, fit-out, airfield pavements, lower roadway lighting improvements, and central utility plant upgrades.

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Trade packages include passenger boarding bridges & equipment; baggage handling system; earthwork & site utilities; civil; mechanical; electrical; communications; plumbing; HVAC; structural steel; roofing; interior glass wall panels; glazing curtainwall and skylights; terrazzo; flooring; tile; signage; elevators; fire suppression; interior and exterior doors; overhead coiling doors; staff inspectors; BIM consulting; commissioning.

Progress:

- 456 Days of Construction – Zero Safety Incidents.
- Project site is Non-SIDA excluding SWA dedicated tug lanes.

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:

- Mass AMF site excavation is 75% complete and continues through 2023.
- Completed TW-F Ph 1 Segment 1.
- Completed temporary Vehicle Service Road
- Completed AMF Hanger and Apron Sites. Turned over for permit work.
- Stormwater pipe, sanitary line and waterline installation ongoing in Phases 2B and 4.
- BGE gas and electric work ongoing.

BWI Terminal Restroom Improvement Program – Anticipated Completion – January 2024

Work includes the renovation of six sets of restrooms; two sets each in Concourses B, C, and D. A phased approach for construction is reducing the impact on operations.

Tentative Restroom Opening Schedule:

- Three Restrooms open by end of June.
- All Restrooms (six sets) open by end of the year.

Progress at B.R1 - Gate B3

Upper Level Activities

- Restroom completed.
- Any remaining punch list items will be performed off hours.

Lower Level Activities

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- Insulation ongoing.
- Ceiling close-in and finishes ongoing.

Progress at B.R2 - Gate B8

Exterior Activities

- Completing metal panels.
- Fireproofing lower level
- Completing MEP Rough-in

Interior Activities

- Preparing to close women's restroom for demolition and renovation.

Progress at C.R2 - Gate C2

Interior Activities

- Water leak test
- Installed knee walls
- Poured Sand / level floor

Exterior Activities

- Completed roof
- Install metal panels
- Insulated plumbing on lower level
- Started ceiling framing on lower level

Progress at C.R3 - Gate C9

Exterior Activities

- Demo temporary enclosure
- Air & Vapor barrier
- Installed windows

Interior Activities

- Fireproofed new steel beams
- MEP wall rough-in
- Installed blocking

Progress at DX.R2 - Gate D7

Exterior Activities

- Installed insulation
- Installed windows

Interior Activities

- Installed framing
- MEP Ceiling rough-in
- Framing ancillary rooms

Progress at DY.R2 – D23

Exterior Activities

- Insulated pipe
- Edge of slab firestopping
- Sawcut pavement

Interior Activities

- Ceiling inspections
- Installed trench drains
- Installed knee walls

Concourse DX-DY HVAC Upgrades – Anticipated Completion – July 2023

Work includes Concourse D Chiller Plant Expansion and replacement of existing air handlers in Concourse DY and the Commuter Concourse. Project also includes ceiling replacement and lighting improvements.

Progress:

- All HVAC work is complete, tested and commissioned.
- Chiller System: New system tested and accepted.
- Rooftop Air Handling Units are installed and start up complete successfully.
- Ceiling Replacement in DX is complete.
- DY hold rooms and corridor are 78% complete.
- Field Revision work executed for existing AHU BAS Upgrades 3/24/23.

Airfield Lighting Vault Relocation (ALV) – Anticipated Completion – June 2024

Project includes building a new replacement ALV with dedicated rooms for each R/W system with fire separation for improved reliability and redundancy. The current program is being designed as a single project covering both the building and fit outs.

Progress:

- Submittals and stakeholder coordination ongoing.
- Construction Safety Plan approved.
- Duct bank and building work to occur concurrently.

Taxilanes N & N1 Rehabilitation – Anticipated Completion – Summer 2024 (pending OWS)

Work includes concrete reconstruction of Taxiways N & N1. Project includes all areas of existing asphalt and an evaluation of adjacent gate aprons that have significant cracking.

Progress:

- Contractor mobilizing to site week of April 17th.
- 20-week lead time for OWS.
- Phasing sequence changed to accommodate the oil/water separator in Phase 1.

BGE Feeder Upgrade – Phase 2 – Anticipated Completion – Winter 2025 (*estimate*)

The project will improve electric system reliability at the 34.5 kV down to (3) 13.8 kV switchgear lineups. Phase 1 is the replacement of transformer T1, which was in service for over 43 years. Add liquid containment for T1, install underground ducts for Phase 2, and upgrade site lighting to LED for added safety. Phase 2 is the installation of new double-ended 35kV switchgear housings at the north and south substations, new BGE service feeders into the north and south switchgears, replacement of meters and relays in the 15kV switchgears.

Progress:

- Received FAA Funding Concurrence.
- Baseline schedule approved 3/13/23.
- BPW approved funding March 15th.
- NTP anticipated April 2023.

Upcoming Capital Projects at BWI Marshall

Concourse C/D Connector and Air Traffic Control Tower (ATCT)

This contract will construct the final secure-side connector in the BWI Terminal. Project also programmed to include a new Airport Traffic Control Tower, Airport Operations Center, FAA office space, relocated gates and holdrooms, TSA screening, new inline baggage system, new passenger bag claim, and Airport Hotel.

Project Status:

- Concept Schematic Design ongoing draft under review.
- Supplementary ATCT Program Definition complete.

North Area Fuel Farm Storage Tanks

This contract will provide two new 700,000 gallon above ground storage tanks for storage of Jet-A aircraft fuel. The existing site will be improved to allow fuel truck delivery between the

limits of the North Area Fuel Farm and Southwest Fuel Farm. A new upsized waterline will also be included for added fire suppression.

Contract award is under review.

Taxiway F Relocation - Phase 2

Work includes relocation of the taxiway to rectify deficiencies in geometry and pavement conditions. Project includes TW lighting and signage.

Project Status:

- Design complete.
- Advertised January 30, 2023
- Bids due May 18, 2023.

MDTA Police Relocation and D/E Bag Claim Improvements

The first phase of the project will relocate the Maryland Transportation Authority Police (MDTA) to Building 113 in the North Cargo area as well as a sub-station at the Central Terminal "Rabbit Warren." The second phase of the project will install two (2) new baggage carousels between Concourses D and E.

Project Status:

- Design started for DE Baggage Claim.
- Design for the MDTA Police relocation is 60% complete.

Concourse E Baggage Handling System (BHS)

Expansion of the baggage handling system (BHS) on Concourse E to accommodate increased demand. Preferred alternative includes a third EDS, new diverter, and new make-up carousel. An expanded checked baggage reconciliation area (CBRA) may be necessary per TSA.

Project Status:

- Planning study complete.
- 30% Design submitted to TSA for review.
- Waiver from TSA to reduce the number of resolution tables required for screening baggage was approved.

Concourse A/B Bag Claim 0-5 Reconfiguration

This project will first provide and install a new Carousel 0 conveyor and controls, then demolish and replace Carousels 1-5 conveyors and controls. Existing carousels were installed in 2004 and have been used heavily by Southwest and are becoming unreliable.

Project Status:

- Design initiated

Upcoming Capital Projects at Martin State

MTN Air Traffic Control Tower Replacement

This project includes design and construction of a replacement air traffic control tower at MTN. The existing tower was built in 1942 and is past its useful life.

Project Status:

- Design Initiated
- 30% Design to be completed by June 2023

MTN Runway 15-33 Rehabilitation

This contract includes the full-length rehabilitation of Runway 15-33 at MTN to support the Maryland Air National Guard (MDANG) and General Aviation tenants.

Project Status:

- 30% Design complete
- Advertisement summer 2023.
- Construction 2024.

MARTIN STATE AIRPORT (MTN) – Harold Fowler

Q2 MTN Operational Statistics

Fuel Activity and Terminal Operations (Q2 FY 2022 vs Q2 FY 2023) – There has been a decline in both gallons of fuel sold and the number of aircraft operations. However, MTN has an increase in revenue because of adjustments to the sales prices of fuel.

MTN Aircraft Hangar Occupancy

- Corporate and Community Hangars – 100% occupancy
- T-Hangars – 95% occupancy
- Tie Downs – 32% occupancy

BWI OPERATIONS & MAINTENANCE – Wayne Pennell

Overview of Security Management System

Airport Security Policies

- BWI Airport Security Program
- MD COMAR 11.03.01.09 Airport Security
- CFR 1542, 1540, 1520, etc. Regulations
- MD Code Criminal Law, § 578, Refusal to leave public buildings or grounds
- Applicable Law for UAS/ Drone Safety and Security Concerns (4-mile radius BWI)
Articles: Transportation
Section: 5-501 thru 511

Airport Security Risk Management

- Proper vetting, screening, and continuous access monitoring
- Security breaches
- Campus-wide situational awareness
- Non-compliant UAS/Drone activity
- Incident tracking and trend analysis
- Continuous cybersecurity/ information security threat assessments

Airport Security Assurance

- US Congressionally Mandated Joint Vulnerability Assessments
- Daily safety and security compliance audits
- Numerous monthly stakeholder meetings on security and crime prevention efforts
- Top secret – secret intel sharing capabilities
- Security, AEP, cyber and Drone incident response training and detection technologies

Airport Security Promotion (Culture)

- Public safety partnership initiatives with ground transportation
- Public safety briefings at tenant meetings*
- Mental Health First Aid*
- Public safety campaigns, See - Say Something, brochures, TSA Prohibited Items and visual displays*
- Behavioral Detection
- Human Trafficking Training*
- Homelessness Outreach*

* Community-wide initiatives

PUBLIC COMMENT PERIOD – Comments from Members of the Public

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Mr. Jimmy Pleasant commented on the issue of airplane noise. He expressed his concerns about aviation-related noise and spoke about the impact that airplane noise has on his daily life.

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 2:32 p.m.