

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND AVIATION ADMINISTRATION

**MARYLAND AVIATION ADMINISTRATION
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>SIX - YEAR TOTAL</u>
<u>Major Construction Program</u>	221.7	287.5	228.5	42.2	28.5	25.3	833.8
System Preservation	71.1	101.3	45.2	18.0	18.1	11.4	265.1
Expansion/Efficiency	139.2	160.0	161.9	21.0	5.6	-	487.7
Safety & Security	5.5	22.4	19.4	1.9	3.5	13.9	66.5
Local Funding	4.9	1.4	1.4	1.4	1.4	-	10.3
Environment	0.6	1.6	0.8	-	-	-	3.0
Administration	0.4	0.8	-	-	-	-	1.2
<u>Major Development & Evaluation Program</u>	-	-	-	-	-	-	-
Expansion/Efficiency	-	-	-	-	-	-	-
Environment	-	-	-	-	-	-	-
<u>Minor Program</u>	56.7	77.2	39.1	28.8	15.5	42.0	259.3
System Preservation	36.1	48.3	16.2	12.7	9.1	37.4	159.7
Expansion/Efficiency	6.8	19.0	14.0	9.7	-	-	49.4
Safety & Security	4.1	1.9	3.4	-	-	-	9.4
Environment	4.2	6.1	4.7	4.3	2.4	1.8	23.4
Administration	5.5	1.9	1.0	2.1	4.1	2.8	17.3
<u>Capital Salaries, Wages & Other Costs</u>	6.1	6.3	6.4	6.6	6.6	6.6	38.5
TOTAL	284.4	370.9	274.1	77.7	50.6	73.8	1,131.5
Special Funds	88.6	97.5	73.5	30.9	28.1	54.8	373.4
Federal Funds	57.6	119.0	40.4	32.8	22.5	19.0	291.2
Other Funds	138.2	154.5	160.2	14.0	0.0	0.0	466.9
<u>Special Funds Breakdown</u>							
Transportation Trust Fund	87.2	97.5	73.5	30.9	28.1	54.8	372.0
Reimbursable Fund	1.4	-	-	-	-	-	1.4
SPECIAL FUNDS TOTAL	88.6	97.5	73.5	30.9	28.1	54.8	373.4



PROJECT: Regional Aviation Assistance Program

DESCRIPTION: The Statewide Aviation Grant Program provides State funding to match federal funding to government or public-owned airports for the repair and upgrade of runways, taxiways, ramps, and lighting systems, as well as, for the removal of trees and other obstacles from runway approaches. If the airport meets the program criteria, the Federal Aviation Administration (FAA) will cover 90% of the costs with the State and the airport each contributing five percent of the total project cost. Assistance is also provided to private-owned airports, open to the public, for financial grants to improve runways, taxiways, navigation aids, and other safety related projects.

PURPOSE & NEED SUMMARY STATEMENT: This program supports the goals of the Maryland Department of Transportation to meet air service needs of Maryland and to promote safety and security, environmental stewardship, and economic development. There are over 130 licensed and registered airports in the State, of which 34 are public use facilities with three offering air carrier service.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

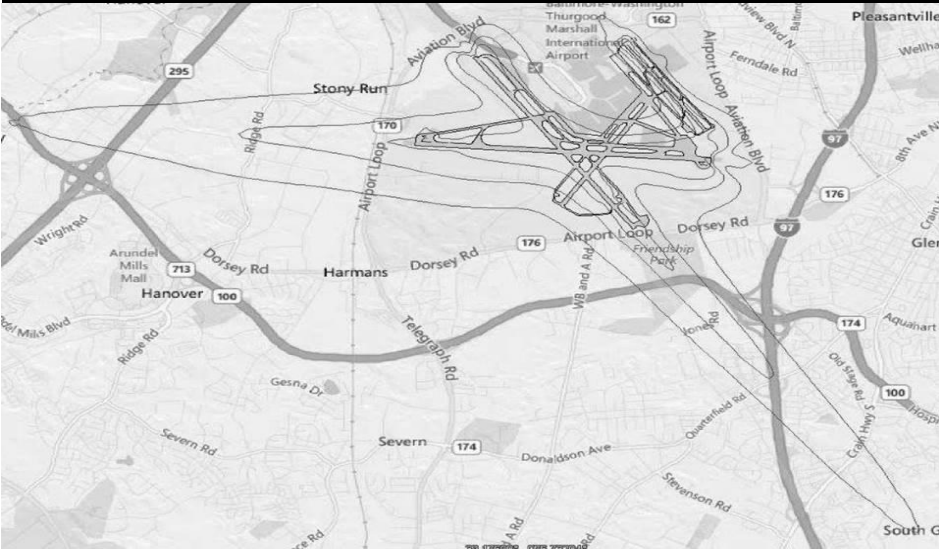
STATUS: The program has sixteen (16) active projects at the start of FY24 and expected to award 18 new projects at various airports across the State in FY24.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY	...2026...	...2027...	...2028...			...2029...
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	0	
Right-of-way	229	229	0	0	0	0	0	0	0	0	0	
Utilities	0	0	0	0	0	0	0	0	0	0	0	
Construction	81,441	68,602	2,671	7,390	1,399	1,350	1,350	1,350	0	12,839	0	
Total	81,670	68,831	2,671	7,390	1,399	1,350	1,350	1,350	0	12,839	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
Special	81,670	68,831	2,671	7,390	1,399	1,350	1,350	1,350	0	12,839	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Program cost increased by \$1.8M to provide additional funding to support obstruction removal at Montgomery County Airpark. MAA Funding will be reimbursed with FAA Grant.

USAGE: N/A

OPERATING COST IMPACT: N/A



PROJECT: Residential Sound Insulation Program

DESCRIPTION: This voluntary program provides for the mitigation of aircraft noise for residential properties that currently fall within the 65 DNL Noise Exposure Map (NEM) contours approved by the Federal Aviation Administration. Under this multi-year program, eligible homeowners may elect to have their homes sound insulated to an interior noise level of 45 DNL in accordance with MAA and FAA standards. The program also includes voluntary residential property acquisition for specific eligible properties within the approved 65 DNL contour. The State will receive an aviation easement for each property participating in the program.

PURPOSE & NEED SUMMARY STATEMENT: This program enhances the home environment for residents in communities neighboring BWI Marshall Airport that are located within the 65 DNL contour by providing sound insulation improvements to eligible homes. Long term compatible land use is promoted through voluntary property acquisition of eligible properties based on local land use plans and zoning.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This program enhances the environment of neighboring communities by providing residential sound mitigation for people living within designated noise zones near BWI Marshall Airport or acquires eligible residential parcels to accelerate transition to compatible land use.

STATUS: This is a multi-phase program. Five-year program manager contract awarded January 2020. Four Federal AIP grants have been received to date for program planning, design and construction. One phase in construction; one phase to be awarded and one phase to be bid in January 2024; two phases in design. Additional phases and additional funding requests from the AIP Noise and Environmental Set Aside will be pursued.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	9,029	1,931	779	3,661	2,597	840	0	0	0	7,097	0
Right-of-way	1,233	357	0	876	0	0	0	0	0	876	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	24,117	0	0	7,288	11,324	5,505	0	0	0	24,117	0
Total	34,379	2,288	779	11,825	13,921	6,345	0	0	0	32,091	0
Federal-Aid	27,802	2,244	769	9,345	11,137	5,076	0	0	0	25,558	0
Special	0	0	0	0	0	0	0	0	0	0	0
Other	6,577	44	10	2,480	2,784	1,269	0	0	0	6,533	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.

USAGE: This is a community-based program.

OPERATING COST IMPACT: N/A

2197 Other funding source is Passenger Facility Charge (PFC) revenue.



PROJECT: Shuttle Bus Service Fleet Replacement and Electric Bus Infrastructure at BWI Marshall Airport

DESCRIPTION: This project purchased twenty five 40-foot and fifteen 60-foot buses to be powered by clean diesel and will purchase eight electric buses for shuttle services to and from airport operated parking facilities and the Amtrak BWI Rail Station. This project includes preparing a site layout for electrical charging stations, which will allow for future expansion and site improvements such as new paving and curbs as necessary.

PURPOSE & NEED SUMMARY STATEMENT: The current fleet of 49 buses was purchased in 2004 and have far exceeded their useful life of 12 years. The timely replacement of the existing buses will ensure sufficient capacity to handle customer growth, maintain service levels, and ensure passenger delays are not due to equipment.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: Passenger ease of movement and airport access is a primary focus of the airport. These improvements provide reliable connections to and from airport operated parking facilities, and Amtrak/MARC rail station. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: Eight electric buses have been received and temporary charging infrastructure has been constructed. MAA expects the permanent charging infrastructure to be completed in FY 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	500	318	100	182	0	0	0	0	0	182	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	36,100	26,658	1,830	9,442	0	0	0	0	0	9,442	0
Total	36,600	26,975	1,930	9,624	0	0	0	0	0	9,624	0
Federal-Aid	95	95	0	0	0	0	0	0	0	0	0
Special	3,249	931	713	2,318	0	0	0	0	0	2,318	0
Other	33,256	25,949	1,217	7,306	0	0	0	0	0	7,306	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$1.5M due to modifications to remove tools and training.

USAGE: 5.2 million public parking and BWI train station riders in FY 2023.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.

2210 Other funding source is Certificate of Participation (COPS) and Volkswagen grant. Federal funding was CARES stimulus.



PROJECT: Concourse D HVAC Replacement at BWI Marshall Airport

DESCRIPTION: This project will replace the existing HVAC systems serving Concourse D. Improvements will include: hydronic unit replacement, new 600 ton chiller, new piping and controls, concourse rooftop expansion unit replacement, and the replacement of ceiling systems.

PURPOSE & NEED SUMMARY STATEMENT: Existing HVAC systems in Concourse D were installed in 1987 and have reached the end of their service life. Replacement systems will improve operational efficiency, reduce operational costs, and improve overall reliability. Replacement of the ceiling will create a uniform appearance throughout the Concourse.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: Maintaining the infrastructure to provide passengers with a consistent travel experience throughout the airport is a primary focus at BWI Marshall Airport. These improvements represent an allocation of funding toward system preservation improvements to meet these goals. BWI Marshall Airport supports the movement of people, goods and the State's economy.

STATUS: Substantial completion was issued July 2023. Project completion pending specified seasonal commissioning of HVAC equipment in Fall 2023.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,024	2,893	203	131	0	0	0	0	0	131	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	21,039	19,508	10,911	1,531	0	0	0	0	0	1,531	0
Total	24,063	22,401	11,113	1,662	0	0	0	0	0	1,662	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	6,362	6,120	2,919	242	0	0	0	0	0	242	0
Other	17,701	16,281	8,194	1,420	0	0	0	0	0	1,420	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$2.1M due to realized cost savings.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.

2192 Other funding source is Passenger Facility Charge (PFC) revenue bonds.



PROJECT: Restroom Improvement Program at BWI Marshall Airport

DESCRIPTION: This multi-year program will renovate restroom facilities at BWI Marshall Airport. The improvements will vary by restroom depending on the current condition and projected usage. Renovations will range from circulation and cosmetic improvements to full reconstruction. Improvements also include the installation of nursing stations throughout the airport.

PURPOSE & NEED SUMMARY STATEMENT: Restrooms are consistently the top complaint in passenger service feedback. Many of the restrooms throughout the terminal have exceeded their design life as it has been 15-40 years since their last refurbishment. Other restrooms, particularly in Concourses A and B, were designed to handle 30% fewer passengers than the current demand resulting in a significant shortcoming in restroom capacity.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: The quality of the passenger experience is a primary focus of the airport and customer satisfaction with restrooms tops the list. These system preservation improvements will improve the condition of old and new facilities plus expand restrooms to address increased passenger traffic. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: First three sets of upgraded, expanded restrooms unveiled in Summer 2023. Remaining restrooms will be completed by Spring 2024.

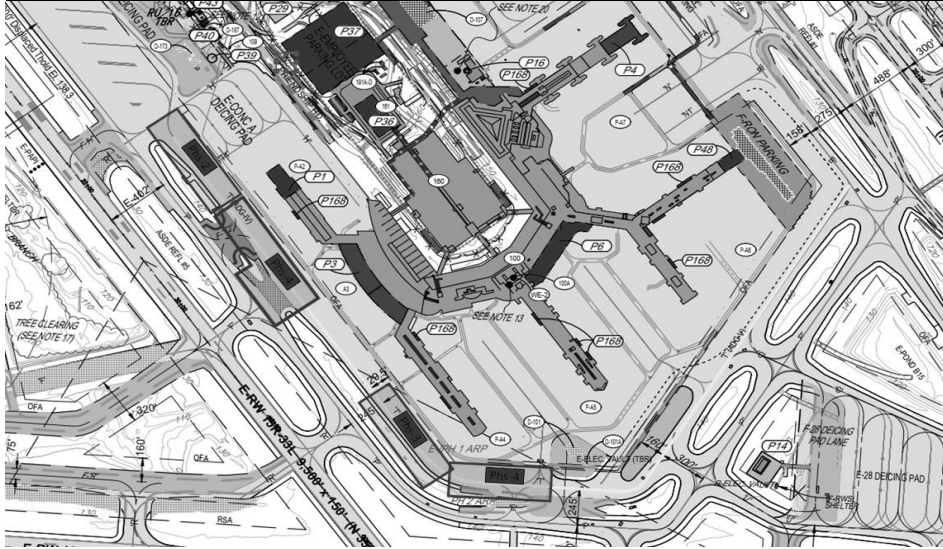
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	7,220	7,001	650	220	0	0	0	0	0	220	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	62,228	42,399	31,013	19,829	0	0	0	0	0	19,829	0
Total	69,448	49,399	31,663	20,049	0	0	0	0	0	20,049	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	515	515	0	0	0	0	0	0	0	0	0
Other	68,933	48,885	31,663	20,049	0	0	0	0	0	20,049	0

2194 Other funding source is Passenger Facility Charge (PFC) revenue bonds.

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost increased by \$1.9M to cover anticipated design revisions, unforeseen conditions, and material cost escalations. Final cost increases are expected to be made in Fall 2023.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Taxiway T Reconstruction at BWI Marshall Airport

DESCRIPTION: This project will reconstruct portions of Taxiway T from the existing asphalt pavement to concrete. The project is intended to address the existing pavement condition and meet FAA Design Standards for Taxiway Geometry. The Pavement Condition Index (PCI) for portions of this pavement ranges from fair to poor. All taxiway lighting and signage will be replaced with high efficiency LED lighting systems.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through reconstruction of pavement to meet FAA standards. The areas identified for upgrades were determined through independent pavement analysis as required by the FAA. Pavement sections within the limits of the project have PCI ranges from failed to fair according to the 2019 Pavement Management Plan (PMP) Update. In addition, the replacement of taxiway lighting and signage will enhance safety.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. The improvements enhance safety by reducing the risk of aircraft damage in the taxiway area. Pavement improvements and FAA standards ensure airfield pavement is free of cracks and minimize Foreign Object Debris (FOD) that could impact the aircraft. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

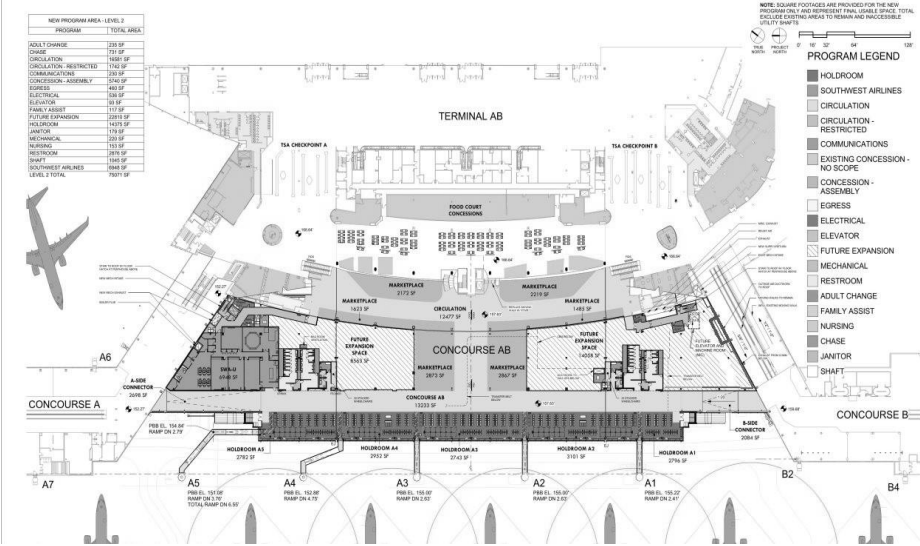
STATUS: Design efforts ongoing. Construction anticipated to begin Spring 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL					PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	FOR PLANNING PURPOSES ONLY					
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,623	1,320	342	1,606	1,414	283	0	0	0	3,302	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	41,414	10,724	7	276	15,345	15,069	0	0	0	30,690	0
Total	46,037	12,044	349	1,882	16,759	15,352	0	0	0	33,992	0
Federal-Aid	34,944	9,806	0	1,088	12,569	11,481	0	0	0	25,138	0
Special	11,093	2,238	349	794	4,190	3,871	0	0	0	8,855	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$22.7M due to revised Federal Funding priorities to include completion of only Phases 2 & 3 of Taxiway T Reconstruction.

USAGE: Accommodate projected annual flight operations.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Concourse A/B Connector and Baggage Handling System Replacement at BWI Marshall Airport

DESCRIPTION: This project will comprise a two-level building addition between Concourses A and B to provide space for a new fully in-line baggage handling system, operational spaces, a connector between the concourses, upgrades to the Central Utility Plant and lower level roadway improvements. The project will also provide expanded holdrooms, new Passenger Boarding Bridges, new restrooms, and concessions space.

PURPOSE & NEED SUMMARY STATEMENT: The ability to maintain 100 percent electronic baggage screening, while achieving the necessary capacity to meet projected airline departure flight schedules that are using aircraft with larger seating capacity is dependent upon attaining the maximum utilization of bag screening technology. In addition, the project will expand holdrooms to ensure required capacity relative to aircraft seats, improve passenger amenities, and provide a same level connection between the two concourses. Central Utility Plant upgrades are necessary to keep up with airport expansion in order to provide cooling of the terminal complex.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: Passenger ease of movement and travel options is a primary focus of the airport. These improvements provide travel flexibility and capacity for new or expanding airline service. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: Construction is underway and project completion expected in July 2026.

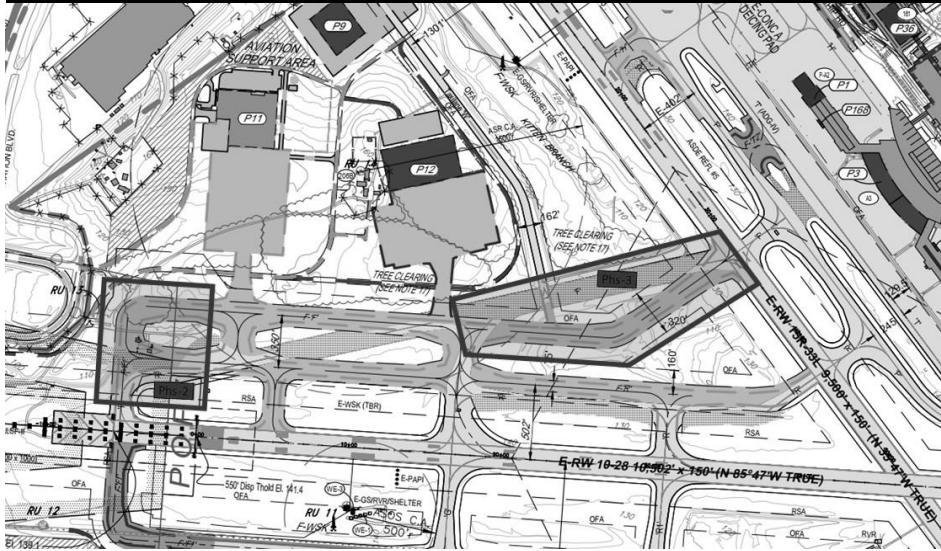
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	77,395	54,631	10,904	8,206	6,474	6,240	1,843	0	0	22,764	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	384,651	53,866	42,544	97,082	118,393	114,214	1,096	0	0	330,785	0
Total	462,046	108,496	53,449	105,288	124,868	120,455	2,939	0	0	353,549	0
Federal-Aid	38,469	386	0	20,000	18,084	0	0	0	0	38,084	0
Special	27,227	27,099	38	128	0	0	0	0	0	128	0
Other	396,349	81,011	53,410	85,160	106,784	120,455	2,939	0	0	315,338	0

0232, 0233, 0234 Other funding source is Special Transportation Project Revenue Bonds. Federal funding is past CARES stimulus and current Bipartisan Infrastructure Law Airport Terminal Program Grant.

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Program funding sources are adjusted to show receipt of \$38M in Airport Terminal Program Grant Funds under the Bipartisan Infrastructure Law (BIL).

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Taxiway F Relocation at BWI Marshall Airport

DESCRIPTION: This project will relocate Taxiway F as per the approved Airport Layout Plan and provide a new taxiway constructed in concrete and meeting current FAA Standards. The project is intended to address the existing pavement condition and meet FAA Design Standards for Taxiway Geometry. Specifically, the project will address separation from Runway 10-28. Additionally, the project will provide LED lighting, signage and drainage improvements. The project will be completed in two (2) phases:
 Phase 1-New alignment will provide access to a concurrent maintenance hangar development project and relocate a portion of Taxiway F to provide the required runway to taxiway separation.
 Phase 2-Relocate and extend Taxiway F west of Phase 1 to its connection with Taxiway R and the Runway 10 End to provide the required runway to taxiway separation.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through reconstruction of pavement to meet Federal Aviation Administration (FAA) standards. In addition, the proposed alignment will address deficiencies in the current alignment that do not meet current FAA Design Standards.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. The improvements enhance safety by reducing the risk of aircraft damage in the taxiway area. Pavement improvements and realignment to FAA standards ensure airfield pavement is free of cracks and maximizes aircraft safety. BWI Marshall Airport supports the movement of people, goods and the State's economy.

STATUS: Construction started December 2021. Phase 1 completed. Phase 2 start expected in Spring 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY	...2026...	...2027...	...2028...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,672	2,821	776	477	198	176	0	0	0	851	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	45,934	14,895	9,129	5,835	13,343	11,861	0	0	0	31,039	0
Total	49,606	17,715	9,905	6,312	13,541	12,037	0	0	0	31,890	0
Federal-Aid	33,835	14,773	9,093	4,267	7,833	6,963	0	0	0	19,063	0
Special	15,771	2,943	812	2,045	5,709	5,074	0	0	0	12,828	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost was decreased by \$19.4M due to revised Federal Funding priorities to defer Phase 3 of the project to later in the planning years.

USAGE: Improve standards.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Aircraft Maintenance Facility Infrastructure at BWI Marshall Airport

DESCRIPTION: This project provides infrastructure improvements in support of the development of a service aircraft maintenance facility at BWI Marshall Airport. The improvements include utility infrastructure and site grading. Landside and airside access routes will be provided to support operations.

PURPOSE & NEED SUMMARY STATEMENT: At BWI Marshall Airport, airlines need to perform periodic or incidental maintenance on their aircraft. There is insufficient space at either the airline gates or within the terminal and adjacent areas for airlines to perform aircraft maintenance functions. The site provides sufficient area for a facility that will support aircraft maintenance needs.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project provides airlines with a location to locally perform periodic or incidental maintenance on their aircraft fleet. Reliable aircraft ensures airlines maintain schedules and minimize delay impact on passengers. Opening of the facility will increase local employment. BWI Marshall Airport supports the movement of people, goods and the State's economy.

STATUS: Construction started December 2021. Site turned over to Southwest Airlines. Construction of hangar and apron is underway. Project completion expected in FY 2024.

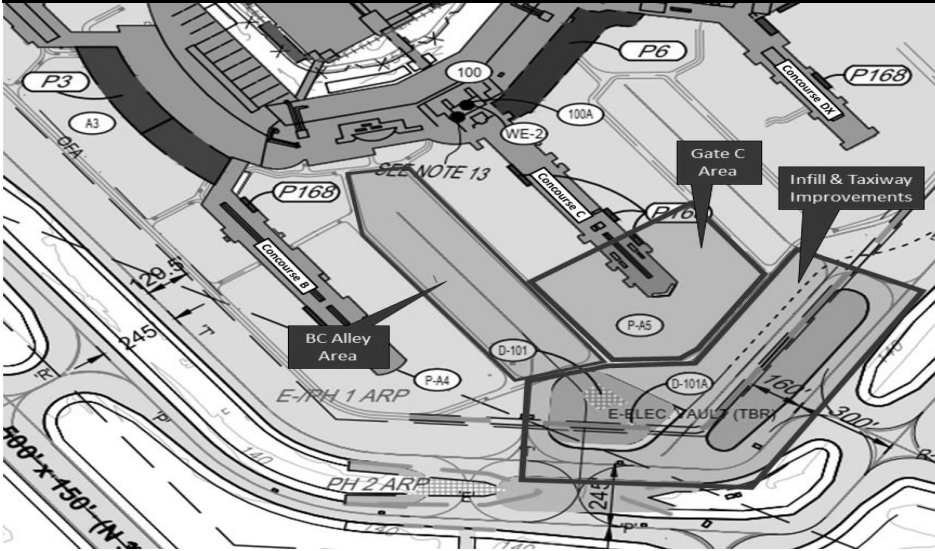
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	5,085	5,020	148	65	0	0	0	0	0	65	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	46,186	30,761	20,712	12,425	3,000	0	0	0	0	15,425	0
Total	51,271	35,782	20,861	12,489	3,000	0	0	0	0	15,489	0
Federal-Aid	3,211	423	0	2,788	0	0	0	0	0	2,788	0
Special	48,059	35,359	20,861	9,701	3,000	0	0	0	0	12,701	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.

USAGE: Accommodate projected airline maintenance needs.

OPERATING COST IMPACT: Cost responsibility of Southwest Airlines.

9720, 9721, 9722 Federal funding was CARES stimulus.



PROJECT: BC Apron Reconstruction, Infill & Taxiway Improvements at BWI Marshall Airport

DESCRIPTION: This program funds a series of projects to complete the overall development objective of BC Apron Reconstruction, Infill & Taxiway Improvements that is aligned with the FAA Airport Capital Improvement Plan (ACIP). The first phase of the program is the relocation of the Airfield Lighting Vault (ALV). Demolition of the existing vault, relocation of glycol dumps in the vicinity, and infill of those areas with apron pavement is included in the project. The remaining phases (BC Alley Reconstruction and Concourse C Apron Reconstruction) will follow after completion of the Concourse A/B Connector and BHS Program. This will provide enough gate capacity airport-wide to mitigate the operational impacts to airlines located in the BC alley.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through reconstruction of pavement to meet Federal Aviation Administration (FAA) standards. In addition, the proposed alignment will address deficiencies in the current alignment that do not meet current FAA Design Standards. Finally, the improvements will increase capacity at BWI Marshall by removing the operation constrictions at the entrance to BC Alley.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project provides compliance with FAA Part 139 regulations. New airfield lighting control and infrastructure combined with new aircraft travel patterns that increase airfield capacity ensure airfield movement and safety is maximized. The replacement of the Airfield Lighting Vault supports the movement of people, goods and the State's economy.

STATUS: Construction for Airfield Lighting Vault Relocation - Phase 1 began in Spring 2023 and is anticipated to be complete by Summer 2024. Phase 2 is anticipated to begin July 2026.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	15	15	0	0	0	0	0	0	0	0	0
Engineering	8,641	2,068	190	824	2,134	2,240	535	644	196	6,573	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	75,234	3,120	3,120	13,216	11,630	4,049	16,830	20,238	6,152	72,114	0
Total	83,890	5,203	3,310	14,040	13,764	6,288	17,365	20,882	6,347	78,687	0
Federal-Aid	61,221	2,622	2,370	10,062	10,379	4,713	13,024	15,662	4,760	58,600	0
Special	22,668	2,581	939	3,978	3,385	1,576	4,341	5,221	1,587	20,087	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$3.0M to match revised cost estimate.

USAGE: Improve standards.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Fuel Storage Tank Additions at BWI Marshall Airport

DESCRIPTION: This project expands the North Area Fuel Farm by adding two 16,800 BBL above ground storage tanks with new supply lines, filtration, and pumps to transport Jet-A fuel to designated locations. A new upsized water line will be installed to facilitate a completed fire protection loop around the fuel farm, expand the capacity, and modernize the existing infrastructure.

PURPOSE & NEED SUMMARY STATEMENT: BWI Marshall Airport continues to grow in flight operations, which requires an increased fuel farm capacity.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project will expand the fuel capacity at BWI Marshall Airport to meet the future demands of flight operations. The expansion of the North Area Fuel Farm supports the movement of people, goods, and the State's economy.

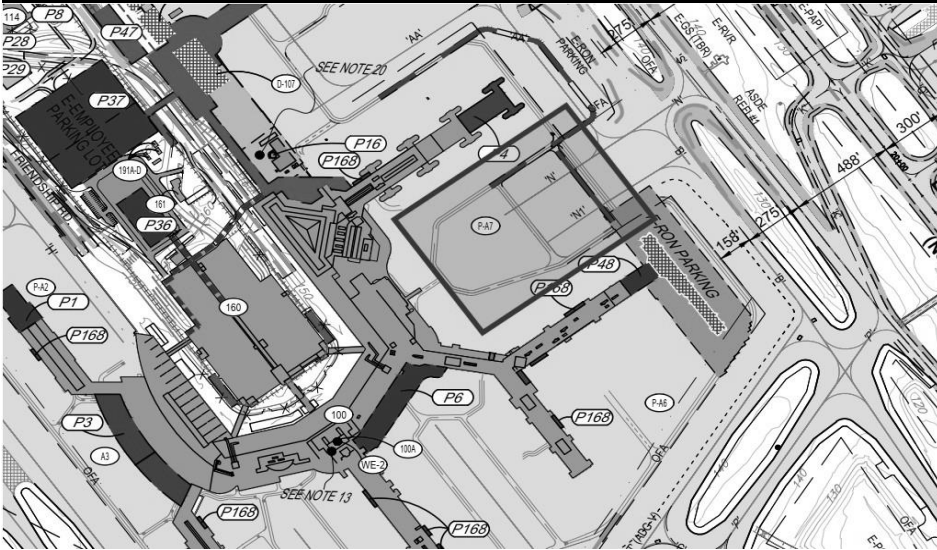
STATUS: Construction underway. Project completion anticipated Winter 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	14	14	0	0	0	0	0	0	0	0	0
Engineering	1,437	900	59	302	236	0	0	0	0	538	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	24,623	38	38	4,565	11,019	9,000	0	0	0	24,585	0
Total	26,074	952	97	4,867	11,256	9,000	0	0	0	25,122	0
Federal-Aid	58	58	0	0	0	0	0	0	0	0	0
Special	26,016	893	97	4,867	11,256	9,000	0	0	0	25,122	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost increased by \$6.2M due to receiving unfavorable bids.

USAGE: Accommodate projected annual flight operations.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: TaxiLANE N and N1 Reconstruction at BWI Marshall Airport

DESCRIPTION: TaxiLANE N & N1 provide access from aircraft gates located on the Concourse D and E alley to the airfield. Some of the largest design aircraft that utilize the airport transit the area and the existing asphalt pavement is in need of repairs. The 2019 Pavement Management Plan (PMP) identifies this area as “very poor” with an aggregate Pavement Condition Index (PCI) of 26 – 40 (out of 100). The project consists of complete reconstruction of the existing pavement with Portland Cement Concrete (PCC), utilities, associated pavement markings, signage and lighting improvements.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through reconstruction of pavement to meet FAA standards. In addition, the proposed alignment will address deficiencies in the current alignment that do not meet current FAA Design Standards.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. The improvements enhance safety by reducing the risk of aircraft damage in the taxiLANE area. Pavement improvements and FAA standards ensure airfield pavement is free of cracks and minimize Foreign Object Debris (FOD) that could impact the aircraft. BWI Marshall Airport supports the movement of people, goods and the State’s economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: Construction began Spring 2023 and is anticipated to complete in Winter 2024 (pending winter shutdowns due to weather).

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL					PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,556	477	131	1,423	537	119	0	0	0	2,079	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	21,610	3,053	3,053	6,671	9,724	2,161	0	0	0	18,557	0
Total	24,165	3,530	3,183	8,094	10,261	2,280	0	0	0	20,635	0
Federal-Aid	15,584	2,266	2,266	4,818	6,955	1,545	0	0	0	13,318	0
Special	8,581	1,264	917	3,276	3,306	735	0	0	0	7,317	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$4.2M due to receiving favorable bids.

USAGE: Improve standards.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Air Operations Area Fence Upgrade at BWI Marshall Airport

DESCRIPTION: This project includes enhanced security by removing and replacing 8' perimeter security fencing with 10' perimeter security fence. It also includes gate hardening by installing manual crash beam barriers at certain gates and automatic wedge plate barriers at others with integrated access control and bollards.

PURPOSE & NEED SUMMARY STATEMENT: The purpose of this project is to provide visual deterrents, additional security and enhanced protective measures for BWI Marshall Airport.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: The improvements enhance airport and passenger safety. BWI Marshall Airport Security supports the movement of people, goods and the State's economy.

STATUS: Bids received October 2023, pending BPW approval in January 2024.

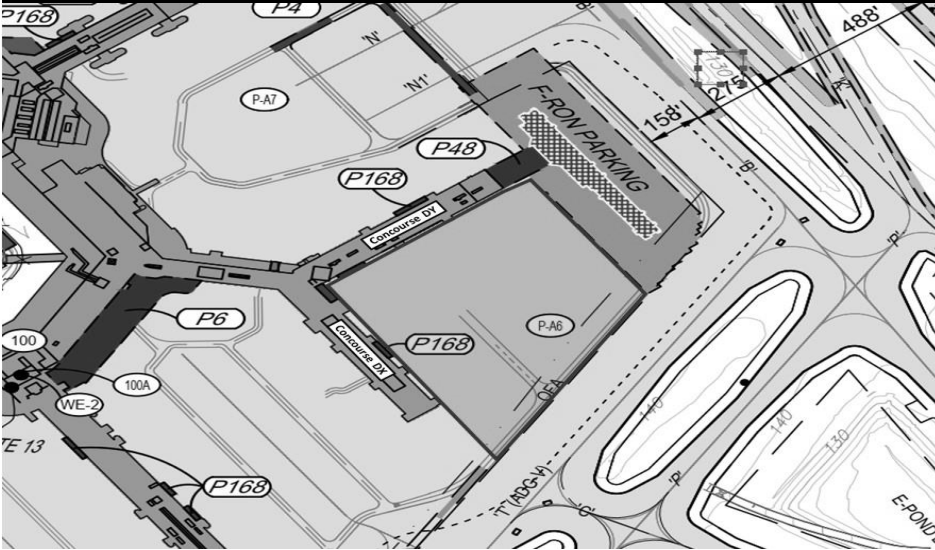
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				TOTAL	TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...			...2027...
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	909	683	56	197	29	0	0	0	0	226	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0
Construction	10,459	0	0	853	5,607	4,000	0	0	0	10,459	0	0
Total	11,368	683	56	1,050	5,635	4,000	0	0	0	10,685	0	0
Federal-Aid	64	64	0	0	0	0	0	0	0	0	0	0
Special	11,304	619	56	1,050	5,635	4,000	0	0	0	10,685	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

2352; Federal funding was CARES stimulus.

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.

USAGE: Safety and security.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: DX/DY Apron Pavement Rehab at BWI Marshall Airport

DESCRIPTION: This project will provide a comprehensive pavement rehabilitation to the DX-DY Apron. The Pavement Condition Index for these pavements ranges from 45-59 (out of 100) which ranks in the poor to low-end of fair range. The pavement distresses include medium and high severity weathering, alligator cracking and block cracking. The Project will include all grading, pavement, lighting, signage and all related infrastructure.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through reconstruction of pavement to meet FAA standards. In addition, the proposed alignment will address deficiencies in the current alignment that do not meet current FAA Design Standards.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. The improvements enhance safety by reducing the risk of aircraft damage in the apron area. Pavement improvements and FAA standards ensure airfield pavement is free of cracks and minimize Foreign Object Debris (FOD) that could impact the aircraft. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

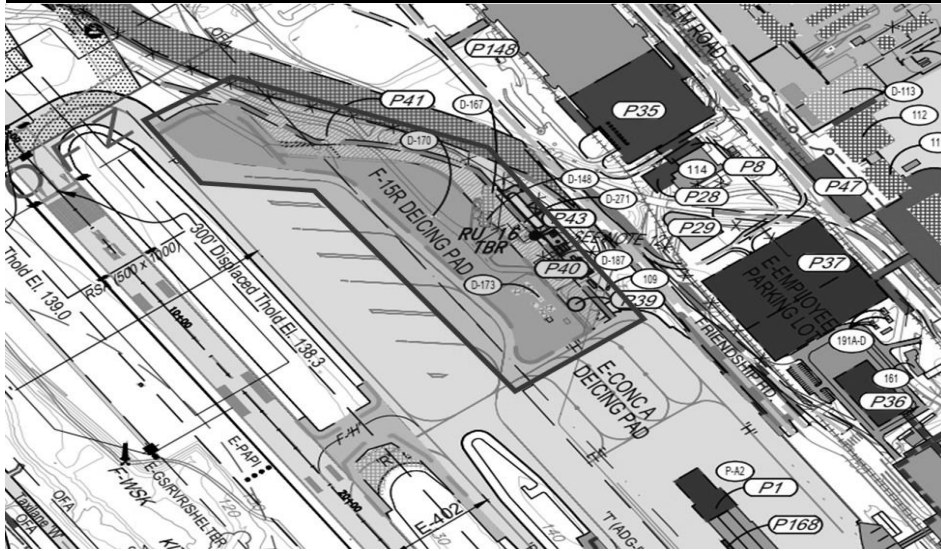
STATUS: Design underway. Construction start anticipated Spring 2025.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,359	6	6	988	255	109	0	0	0	1,352	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	11,433	0	0	0	8,001	3,432	0	0	0	11,433	0
Total	12,792	6	6	988	8,256	3,541	0	0	0	12,786	0
Federal-Aid	9,594	0	0	741	6,197	2,656	0	0	0	9,594	0
Special	3,198	6	6	247	2,059	885	0	0	0	3,192	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost increased by \$1.8M to match revised cost estimate.

USAGE: Improve standards.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Deicing Pad Expansion at BWI Marshall Airport

DESCRIPTION: This project will expand the Runway 15R Deicing Pad to meet capacity demand, improve circulation and queuing, enhance operational utility and on-time performance by providing simultaneous deicing capability, improve efficiency of glycol application and recovery including a new snow dump area, and provide needed remain overnight parking that was impacted by the 2020 extension of Concourse A in 2020. The Project will include all grading, pavement, lighting, signage and all related infrastructure. Separate enabling work associated with this project includes Relocation of Taxi/Bus Stage Area, Gate 55 Modifications, Glycol Building and Tank Relocations, and Lift Station Modifications. Additionally, this project will enlarge the Runway 28 Deicing Pad to meet current FAA design standards per AC 150/5300-14C, Design of Aircraft Deicing Facilities while maintaining existing capacity and number of aircraft positions and providing a new area for snow dumping.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield capacity by allowing efficient movement of aircraft during deicing operations and increases the capacity of the existing facilities.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project will expand the deicing capacity at BWI Marshall Airport to meet the future demands of flight operations. Pavement improvements and realignment to FAA standards ensure airfield pavement is free of cracks and maximizes aircraft safety. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

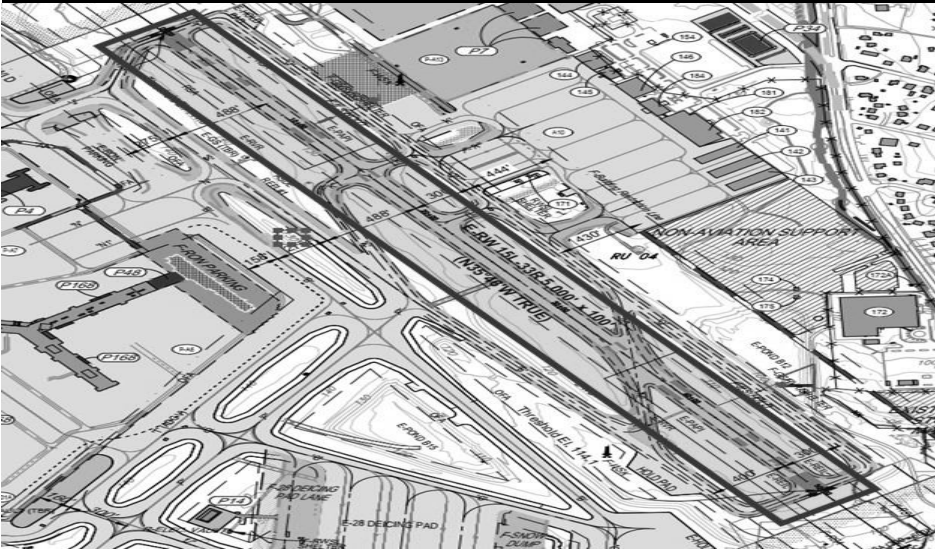
STATUS: Design schedule deferred until FY 2027 due to reprioritization of Federal projects and programs.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL			CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR			2025	...2026...	...2027...	...2028...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	6,532	0	0	0	0	0	1,938	2,943	585	5,466	1,067
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	55,272	0	0	0	0	0	0	3,365	18,387	21,752	33,520
Total	61,804	0	0	0	0	0	1,938	6,308	18,972	27,217	34,587
Federal-Aid	46,353	0	0	0	0	0	1,453	4,731	14,229	20,413	25,940
Special	15,451	0	0	0	0	0	484	1,577	4,743	6,804	8,647
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost increased by \$32.8M due to remaining project costs now shown in Balance to Complete.

USAGE: Accommodate projected annual flight operations.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: 15L/33R & Associated Taxiways - Pavement Rehabilitation at BWI Marshall Airport

DESCRIPTION: This project will provide a comprehensive pavement rehabilitation to Runway 15L-33R and connecting taxiways. The 2019 Pavement Management Plan (PMP) Pavement Condition Index (PCI) for these pavements ranges from 54 to 84 (out of 100). The pavement distresses include alligator cracking, block cracking and weathering. The Project will include all grading, pavement, lighting, signage and all related infrastructure.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through reconstruction of pavement to meet FAA standards. In addition, the proposed alignment will address deficiencies in the current alignment that do not meet current FAA Design Standards.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. The improvements enhance safety by reducing the risk of aircraft damage in the taxiway area. Pavement improvements and realignment to FAA standards ensure airfield pavement is free of cracks and maximizes aircraft safety. BWI Marshall Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

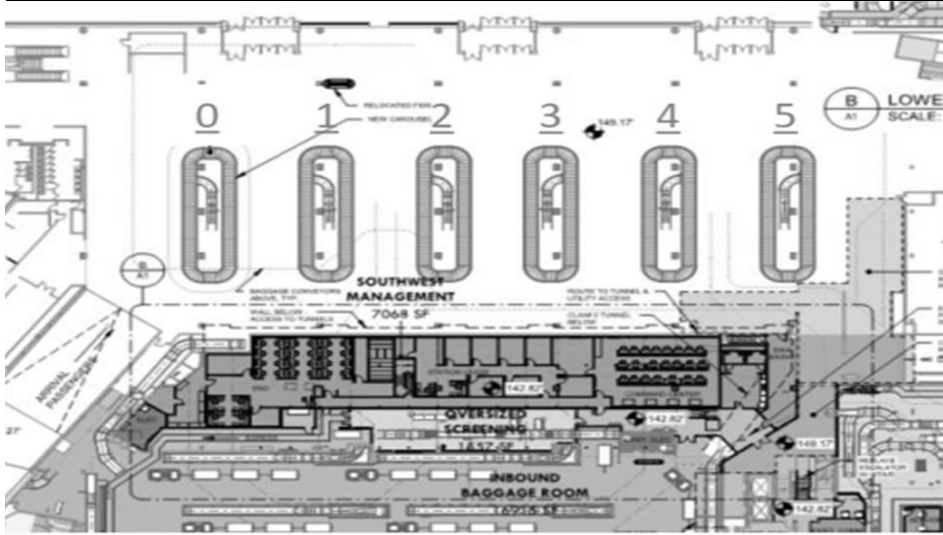
STATUS: Design and engineering expected to start in 2026.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,502	0	0	0	1,097	32	372	0	0	1,502	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	12,705	0	0	0	0	1,016	11,689	0	0	12,705	0
Total	14,207	0	0	0	1,097	1,049	12,061	0	0	14,207	0
Federal-Aid	10,655	0	0	0	823	787	9,045	0	0	10,655	0
Special	3,552	0	0	0	274	262	3,015	0	0	3,552	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.

USAGE: Improve standards.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Concourse A/B Bag Claim 0-5 Reconfiguration at BWI Marshall Airport

DESCRIPTION: This project will replace the 5 existing baggage claim carousels and inbound lines with new carousels in Concourse A/B as well as install one new additional baggage claim carousel.

PURPOSE & NEED SUMMARY STATEMENT: The existing baggage claim carousels are 20 years old and beyond their useful life. Additional baggage claim capacity is needed to meet passenger demand on Concourse A/B.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for modernizing aging bag claim equipment as well as expands capacity to by providing an additional bag claim carousel. BWI Marshall Airport supports the movement of people, goods and State economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
- Grandfathered
 Exception Will Be Required
 Exception Granted

STATUS: Design efforts ongoing.

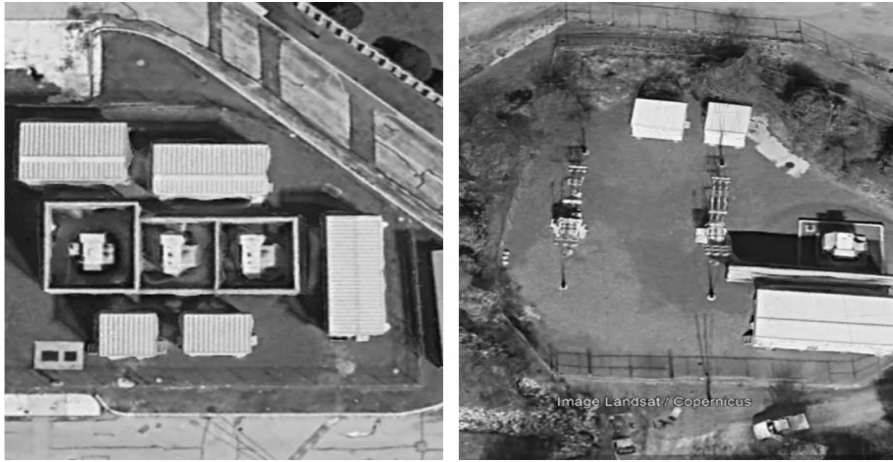
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL					PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,060	183	177	877	0	0	0	0	0	877	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	25,493	0	0	4,821	9,726	10,946	0	0	0	25,493	0
Total	26,553	183	177	5,698	9,726	10,946	0	0	0	26,370	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	223	183	177	40	0	0	0	0	0	40	0
Other	26,330	0	0	5,658	9,726	10,946	0	0	0	26,330	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$1.3M due to revised cost estimates.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Cost fully recovered through airport user fees.

0258 Other funding source is Passenger Facility Charge (PFC) revenue.



PROJECT: Electrical Substations Reconstruction at BWI Marshall Airport

DESCRIPTION: This project will provide funding to reconstruction and replace aging utility infrastructure at the airport. Specifically this project will (1) reconstruct the North and South BGE Substations, replacement of 35kV switchgears, replacement of meters and relays in the 15kV switchgears and (2) replace electrical Substation ST-AB including new switchgear, main load interrupters, and transformers.

PURPOSE & NEED SUMMARY STATEMENT: The equipment is 25 to 30 years old and has reached the end of its useful life. The reconstruction of the BGE substation will consolidate equipment into one location and provide a connection to BGE source. In addition, the replacement of switchgear and transformer equipment will increase reliability of electrical distribution system.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project provides for funding to maintain utility infrastructure that supports airport operations. BWI Marshall Airport supports the movement of people, goods and State economy.

STATUS: Construction notice to proceed was issued in April 2023 for reconstruction of North/South BGE Substations. Anticipate construction to begin on the replacement of Substation ST-AB in Spring 2024.

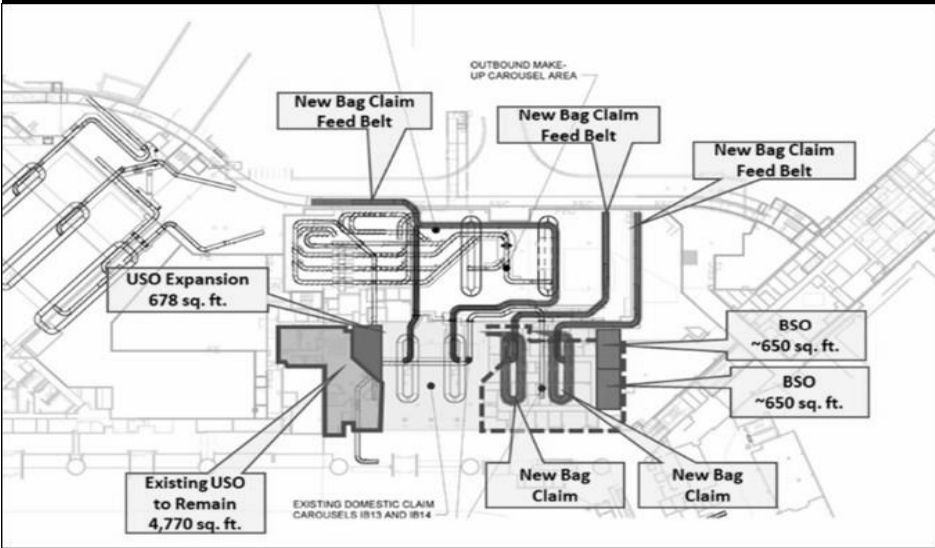
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,116	1,218	294	1,347	1,252	148	152	0	0	2,898	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	26,465	1,633	1,626	6,523	14,407	1,951	1,951	0	0	24,832	0
Total	30,581	2,850	1,921	7,869	15,659	2,099	2,103	0	0	27,731	0
Federal-Aid	1	1	0	0	0	0	0	0	0	0	0
Special	12,281	2,849	1,921	2,679	5,324	714	715	0	0	9,432	0
Other	18,299	0	0	5,191	10,335	1,385	1,388	0	0	18,299	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost increased by \$2.5M to match revised cost estimate and PFC Program eligibility.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Cost fully recovered through airport user fees.

0170, 0254 Federal funding was CARES stimulus; Other funding source is Passenger Facility Charge (PFC) revenue.



PROJECT: D/E Bag Claim Expansion at BWI Marshall Airport

DESCRIPTION: This project will construct two new baggage claim carousels along with the associated bag feed belts in Concourse D & E. To enable construction, Phase I will relocate the existing MDTA Police detachment from the lower level of the Concourse D/E to Building 113 and replace with a new smaller MDTA Police substation relocated to the lower-level central terminal. The current salt dome near Building 113 will also be relocated as part of the MDTA Police project. Phase II will address the new baggage claim carousels.

PURPOSE & NEED SUMMARY STATEMENT: Additional inbound baggage claim capacity is needed to accommodate increased traffic from airlines on Concourses D & E.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project expands capacity by providing two additional bag claim carousels. BWI Marshall Airport supports the movement of people, goods and State economy.

STATUS: Construction of Phase 1, MDTA Police Relocation, is expected to start in FY 2024. Design for Phase II is underway (30% complete).

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY	...2026...	...2027...	...2028...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,737	1,330	1,039	1,295	413	1,700	0	0	0	3,407	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	22,671	0	0	1,553	7,618	12,000	1,500	0	0	22,671	0
Total	27,408	1,330	1,039	2,847	8,031	13,700	1,500	0	0	26,078	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	25,608	1,330	1,039	2,547	8,031	12,200	1,500	0	0	24,278	0
Other	1,800	0	0	300	0	1,500	0	0	0	1,800	0

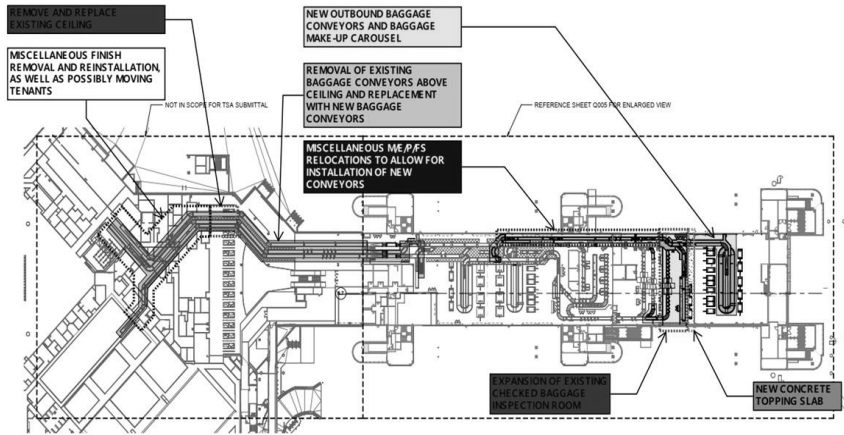
SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to Primary Construction Program.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Cost fully recovered through airport user fees.

0236, 0342; Other funding source is Passenger Facility Charge (PFC) revenue.

PROJECT: Concourse E Baggage Handling System Expansion at BWI Marshall Airport



DESCRIPTION: The project includes replacement of the existing legacy outbound baggage conveyors dating from the original opening of Concourse E in 1997 and is nearing the end of its useful life. Also included is the installation of one additional baggage make-up belt and one additional explosive detection system (EDS) machine on Concourse E.

PURPOSE & NEED SUMMARY STATEMENT: The replacement of the legacy conveyors is needed to preserve the capacity of the outbound baggage handling system in Concourse E to get checked baggage to the outgoing aircraft from the ticket counters and Federal Inspection Services recheck area. The installation of the third explosive detection system machine and baggage makeup unit is needed to enhance the capacity of the outbound baggage handling system to meet current demand. The third explosive detection system machine will also enhance the security of the airport by ensuring all outbound baggage is screened in a timely manner.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for funding to replace infrastructure that supports airport operations and enhances security. BWI Marshall Airport supports the movement of people, goods and State economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: Design is underway.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL					PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY ...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,460	1,035	1,014	1,374	50	0	0	0	0	1,424	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	32,602	0	0	0	9,681	13,241	9,681	0	0	32,602	0
Total	35,062	1,035	1,014	1,374	9,731	13,241	9,681	0	0	34,027	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	1,094	1,035	1,014	59	0	0	0	0	0	59	0
Other	33,968	0	0	1,315	9,731	13,241	9,681	0	0	33,968	0

0251 Other funding source is Passenger Facility Charge (PFC) revenue.

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to Primary Construction Program.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Operating cost recovered through airport user fees.



PROJECT: Snow Equipment Replacement at BWI Marshall and Martin State Airports

DESCRIPTION: Replacement of 39 existing pieces of snow removal equipment dating from 1999 to 2013 with 32 pieces of new equipment. Some equipment will be multi-function and replace the equivalent of two existing pieces. New equipment replaced includes: plow and broom trucks, plow trucks, tow behind brooms, spreaders, and snow blower equipment.

PURPOSE & NEED SUMMARY STATEMENT: BWI Marshall Airport has approximately 20 million square feet of priority 1 airfield pavement area to keep clear of snow and receives approximately 18 inches of snow per year. The current snow equipment has reached the end of its useful life and needs to be replaced.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project provides the equipment necessary to maintain airport operations safely during a snow event. BWI Marshall Airport supports the movement of people, goods and State economy.

STATUS: Procurement currently underway.

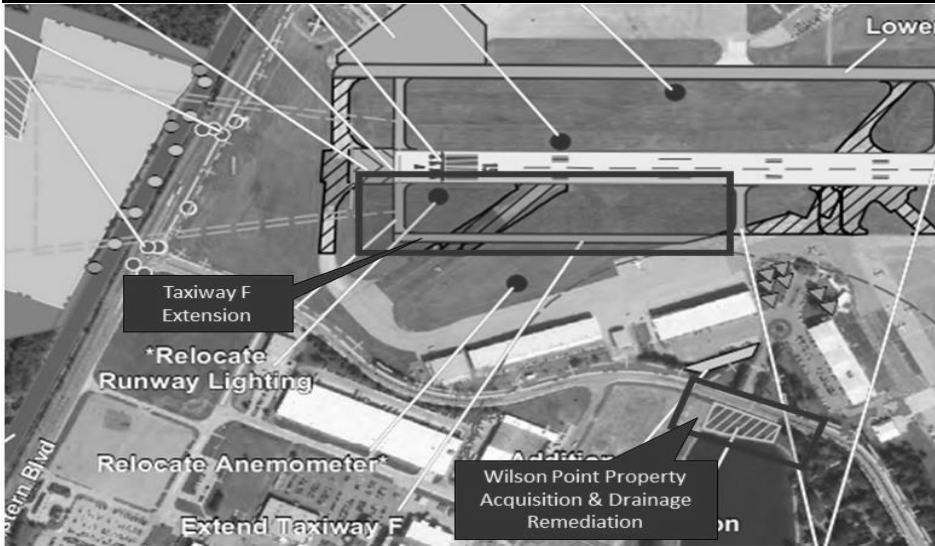
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	19,452	1,750	1,750	4,980	6,004	6,718	0	0	0	17,702	0
Total	19,452	1,750	1,750	4,980	6,004	6,718	0	0	0	17,702	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	1,750	1,750	1,750	0	0	0	0	0	0	0	0
Other	17,702	0	0	4,980	6,004	6,718	0	0	0	17,702	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Cost fully recovered through airport user fees.

0262 Other funding source is Passenger Facility Charge (PFC) revenue.



PROJECT: Taxiway F Extension at Martin State Airport

DESCRIPTION: The extension of Taxiway F (the primary civilian taxiway) to the Runway 15 end will result in a full-length parallel taxiway which will provide unobstructed line-of-sight from the future Air Traffic Control Tower (ATCT), and it will improve airfield circulation and reduce aircraft taxi time. All taxiway lighting and signage will be replaced with LED infrastructure and drainage improved to alleviate runoff onto Wilson Point Road. Property acquisition for the drainage outfall is included.

PURPOSE & NEED SUMMARY STATEMENT: The project will enhance airfield safety and operations through provision of clear line of sight from the existing and proposed ATCT sites to all operational areas. In addition, the revised parallel alignment will reduce taxi length and meet all current FAA Standards.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. The improvements enhance safety by improving line of sight. Pavement improvements to FAA standards ensure airfield pavement maximizes aircraft safety. Martin State Airport supports the movement of people, goods and the State's economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: Design and engineering expected to start in 2025.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	394	0	0	294	40	60	0	0	0	394	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	6,189	0	0	0	1,572	1,629	2,988	0	0	6,189	0
Total	6,583	0	0	294	1,612	1,689	2,988	0	0	6,583	0
Federal-Aid	6,202	0	0	243	1,451	1,520	2,988	0	0	6,202	0
Special	381	0	0	51	161	169	0	0	0	381	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Project cost decreased by \$7.7M due to revised Federal Funding priorities shifted to other MTN Airport projects.

USAGE: Accommodate projected annual flight operations.

OPERATING COST IMPACT: Some operating costs recoverable from Martin State Airport user fees.



PROJECT: Runway Improvement Program at Martin State Airport

DESCRIPTION: The program will fund a series of projects that include rehabilitation of the runway and taxiway pavements, lowering of the Amtrak catenaries north of the airfield, vegetative obstruction removal both on- and off-airport property, and replacement of outdated systems that are at the end of their useful life. Phase I of the program will include the runway and taxiway pavement rehabilitation, Amtrak catenary lowering and necessary planning and environmental review activities to reclaim and obtain the published 8,100 feet of usable runway. Phase II of the program will complete the necessary obstruction removal and associated environmental mitigation as well as Navaid relocations.

PURPOSE & NEED SUMMARY STATEMENT: Runway 15-33 at MTN needs significant pavement rehabilitation/reconstruction. The concrete section has expanded due to reactivity with the ground water, which causes cracking and heaving. The existing runway does not meet FAA Standards in several aspects including width, profile, and transverse grade. Likewise, the connecting taxiway geometry needs improvements and the Amtrak catenary needs lowering to ensure they meet FAA Standards. Rehabilitation efforts will coincide with the Maryland Air National Guard’s infrastructure needs to support a continued flying mission in Maryland. Partnership with the Maryland Air National Guard has helped secure \$32M in Department of Defense Federal Funds towards completion of this project.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Enhance Safety and Security
- Deliver System Quality
- Serve Community and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: Improvements enhance safety by reducing the risk of aircraft damage and maintaining navigable airspace per FAA standards. Pavement improvements and realignment to FAA standards ensure airfield pavement is free of cracks and maximizes aircraft safety. Martin State Airport supports the movement of people, goods and the State’s economy.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

STATUS: Design underway. MDOT has committed \$16M total (\$10M currently budgeted and \$6M later this year). Construction start anticipated Spring 2024 with target completion by end of 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER							
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR			
Planning	1,200	0	0	400	800	0	0	0	0	1,200	0	
Engineering	2,450	1,032	1,032	1,029	390	0	0	0	0	1,419	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utilities	0	0	0	0	0	0	0	0	0	0	0	
Construction	46,677	0	0	0	34,977	11,700	0	0	0	46,677	0	
Total	50,327	1,032	1,032	1,429	36,167	11,700	0	0	0	49,295	0	
Federal-Aid	34,454	26	26	434	32,199	1,795	0	0	0	34,428	0	
Special	15,873	1,005	1,005	995	3,967	9,905	0	0	0	14,868	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to Primary Construction Program.

USAGE: Standards compliance, improved utility, enhanced operational safety and level of service.

OPERATING COST IMPACT: Some operating costs recoverable from Martin State Airport user fees.

0274, 0275, 0451, 0452 Federal Funding secured through the Department of Defense (DOD).

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 24

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Annual Fees and Inspection Program</u>			
MAA7000	Terminal Spaceframe Inspection	\$ 852	Ongoing
<u>Architecture</u>			
MAAPRJ000231	Architect Initiatives	\$ 383	Ongoing
<u>Building Permits & Inspections</u>			
MAAPRJ000164	Building Permits and Inspections	\$ 781	Ongoing
<u>Commercial Management</u>			
MAAPRJ000227	Facility Condition Assessments	\$ 1,716	Ongoing
<u>Consolidated Rental Car Facility</u>			
MAA2132	CRCF - BMF Equipment Replacement	\$ 2,093	Completed
MAAPRJ000242	CRCF - Facility Improvements	\$ 429	Ongoing
MAAPRJ000486	CRCF Facility Improvements	\$ 500	Planning Underway
MAAPRJ000487	CRCF Electrical Infrastructure for EV	\$ 1,000	Planning Underway
<u>Construction Management & Inspection</u>			
MAAPRJ000208	Comp CMI SBR AE19-006 (Drive)	\$ 3,403	Ongoing
MAAPRJ000209	Comp CMI SBR AE19-002 (Brudis)	\$ 557	Ongoing
MAAPRJ000210	Comp CMI SBR AE19-004 (Specialized)	\$ 1,085	Ongoing
MAAPRJ000211	Comp CMI SBR AE19-005 (Mimar)	\$ 1,074	Ongoing
<u>Critical Technology</u>			
MAAPRJ000166	IT Equipment	\$ 16,096	Ongoing
MAAPRJ000225	Comprehensive AIT Master Plan SV22-002	\$ 300	Ongoing
MAAPRJ000281	PARCS Maintenance	\$ 1,607	Underway

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 24

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Critical Utility</u>			
MAAPRJ000415	Airfield Lighting Cable Replacement	\$ 5,081	Design Underway
MAAPRJ000477	Fire Sprinklers for Fleet Maintenance Bldg 137	\$ 41	Design Underway
<u>D/E Connector</u>			
MAAPRJ000371	Concourse D/E Connector Patio Roof Leak Repair	\$ 555	Design Underway
<u>Elevators, Escalators, and Walkways</u>			
MAAPRJ000261	Airport Elevator, Escalator and Moving Walkway Rehab	\$ 9,583	Design Underway
<u>Environmental Compliance</u>			
MAAPRJ000199	Comp Environmental Compliance SV20-007	\$ 8,675	Ongoing
MAAPRJ000222	Terminal Environmental Mitigation MC21-006	\$ 397	Ongoing
<u>Environmental Planning</u>			
MAAPRJ000195	Comp Environmental Planning AE-21-001	\$ 2,301	Ongoing
MAAPRJ000214	Stream & Wetland Restoration Mitigation Services MC 20-014	\$ 350	Ongoing
MAAPRJ000223	USDA Wildlife Management Services	\$ 2,334	Ongoing
MAAPRJ000440	BWI On Airport Obstruction Removal	\$ 6,667	Design Underway
MAAPRJ000453	MTN Decarbonization Study	\$ 503	Study Underway
MAAPRJ000454	BWI Decarbonization Study	\$ 1,253	Study Underway
MAAPRJ000478	Solar Feasibility	\$ 139	Study Underway
<u>Future Development</u>			
MAA2044	Airport Road Electronic Signage Repl	\$ 978	Deferred
MAA2354	Concourse D/E Ambiance	\$ 63	Design Underway
MAAPRJ000153	BWI Courtesy Phones ADA Issue	\$ 142	Completed
MAAPRJ000154	Terminal Crosswalk Rehabilitation - Phase 2	\$ 889	Completed
MAAPRJ000309	Erosion Repairs FY 2023	\$ 300	Design Underway

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 24

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
GIS			
MAA2040	Airport Project Administration System (AirPass)	\$ 2,664	Underway
MAA2079	Security and Life Safety Systems CAD Update	\$ 1,290	Ongoing
MAA2222	MDOT Asset Management	\$ 3,128	Underway
MAA7600	Facility Management Program	\$ 2,280	Ongoing
Information Technology CTIPP			
MAA7405	Permanent Noise Monitoring System	\$ 2,037	Ongoing
MAAPRJ000479	IT Studies	\$ 1,135	Study Underway
Loading Bridges			
MAAPRJ000269	Passenger Boarding Bridges	\$ 300	Design Underway
Misc Office Support			
MAA2311	Safety Management Support	\$ 455	Underway
MTN Facilities			
MAA1121	MTN Air Traffic Control Tower	\$ 7,950	Design Underway
MAA9431	MTN Tree Obstruction Removal	\$ 2,211	Study Underway
MAAPRJ000444	MTN Airport Catenary Lowering - Amtrak Design Agreement	\$ 289	Design Underway
Noise Support			
MAA2307	BWI Part 150 / Airport Noise Zone Update	\$ 2,834	Underway
MAA2309	BWI Community Roundtable	\$ 992	Ongoing
MAA2318	Comp Acoustical Services Contract SV 19-001	\$ 2,783	Ongoing
Operating Facilities			
MAA1931	Hourly Garage Parking Guidance System Replacement	\$ 4,395	Under Construction
MAA2211	RTR Relocation	\$ 8,780	Completed

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 24

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Operating Facilities</u>			
MAAPRJ000250	ARFF Heating and Vehicle Exhaust Systems Replacement	\$ 1,577	Under Construction
MAAPRJ000338	ARFF Kitchen	\$ 754	Design Underway
MAAPRJ000418	BWI ATCT Refurbishment	\$ 125	Planning Underway
MAAPRJ000438	Additional Runway Deicing Tank Loading Facility	\$ 33	Design Completed
<u>Pavement Mgmt - BWI Airside</u>			
MAAPRJ000341	Expand Group V Aircraft Parking Position (Convert Manager's Lot)	\$ 4,516	Design Underway
MAAPRJ000345	B/C Alley Depression - Emergency Pavement Repairs	\$ 73	Completed
MAAPRJ000434	Emergency Pavement Repairs at Taxilane H and T1	\$ 99	Completed
MAAPRJ000441	Cargo Ramp ACC Reconstruction	\$ 6,904	Study Underway
MAAPRJ000442	Runway 10/28 Reconstruction	\$ 6,780	Study Underway
<u>Pavement Mgmt -BWI Landside</u>			
MAAPRJ000155	Long Term Lot B Pavement Rehab	\$ 4,389	Under Construction
MAAPRJ000255	Pedestrian Walkway Joint Repairs	\$ 909	Under Construction
MAAPRJ000366	Comprehensive Paving Improvements CO22-005	\$ 3,825	Ongoing
<u>Planning</u>			
MAA2193	FIS Hall Reconfiguration	\$ 354	Study Underway
MAA2216	BWI ATCT and C/D Connector Planning	\$ 3,707	Planning Underway
MAAPRJ000167	Regional Air Passenger Survey	\$ 132	Ongoing
MAAPRJ000303	BWI Master Plan & ALP Update	\$ 3,006	Ongoing
MAAPRJ000310	Roadway & Curbside Capacity Analysis	\$ 500	Planning Underway
<u>Pre-Construction Project Env, Plan, Eng</u>			
MAA1943	Pavement Management Plan - BWI/MTN	\$ 4,387	Ongoing
MAA1959	BWI Aerial Photogrammetry & Airspace Analysis	\$ 458	Ongoing
MAAPRJ000481	MAC Building Procurement Office Renovations	\$ 150	Design Underway

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 24

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Real Estate Services</u>			
MAA7018	Real Estate Property Services	\$ 679	Ongoing
MAA7810	10-01 RPZ Property Acquisition	\$ 1,701	Underway
MAAPRJ000163	Real Estate Services	\$ 560	Underway
<u>Regional Aviation</u>			
MAAPRJ000181	MD Aviation System Plan Update	\$ 346	Underway
<u>Roofs and Windows</u>			
MAAPRJ000490	BWI Terminal Complex Roofing Study	\$ 279	Design Underway
<u>Security</u>			
MAA2345	MTN AOA Fence Upgrade	\$ 1,956	Under Construction
MAAPRJ000374	Integrated Airport Security System (IASS) Replacement - Ph 1	\$ 4,800	Underway
<u>Taxiway F</u>			
MAAPRJ000443	Taxiway F Relocation - Phase 2 (Wetland)	\$ 1,200	Design Underway
<u>Tenant Facilities</u>			
MAA7500	Terminal Leasehold Modifications	\$ 2,474	Ongoing
MAAPRJ000340	DuClaw Space Conversion to Ticket Counters	\$ 85	Planning Underway
<u>Terminal Facilities</u>			
MAAPRJ000235	Delta Ticket Counter Relocation	\$ 1,839	Planning Underway
MAAPRJ000259	Terminal A/B Roof Replacement	\$ 959	Design Underway
MAAPRJ000270	PC Air and 400Hz Electrical Equipment Installation at Four Gates	\$ 2,356	Under Construction
MAAPRJ000279	Checkpoint D/E Expansion	\$ 6,222	Design Underway
MAAPRJ000480	Landside Trash Compactor	\$ 150	Design Underway

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 24

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Vehicles and Equipment			
MAA2053	Operating Vehicles	\$ 5,039	Ongoing
MAA2198	BWI Mobile Stairs and Medical Lift	\$ 1,185	Underway
MAAPRJ000228	BWI Equip Replacement FY 2023	\$ 1,881	Underway
MAAPRJ000229	MTN Equip Replacement FY 2023	\$ 632	Underway
MAAPRJ000455	BWI Snow Removal Equipment Shelter	\$ 220	Design Underway