

**MDOT** MARYLAND DEPARTMENT OF TRANSPORTATION  

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MARYLAND AVIATION ADMINISTRATION

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

	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>FY 2030</b>	<b>SIX - YEAR TOTAL</b>
<b>Major Construction Program</b>	<b>293.8</b>	<b>261.4</b>	<b>75.4</b>	<b>29.4</b>	<b>33.2</b>	<b>17.4</b>	<b>710.6</b>
System Preservation	94.1	66.9	34.2	12.2	15.1	4.3	226.8
Expansion/Efficiency	178.7	173.1	37.1	13.7	9.8	3.0	415.4
Safety & Security	16.7	17.3	0.6	0.0	4.9	6.5	46.0
Local Funding	3.5	3.5	3.5	3.5	3.5	3.5	21.0
Environment	0.0	0.0	-	-	-	-	0.0
Administration	0.9	0.6	-	-	-	-	1.5
<b>Major Development &amp; Evaluation Program</b>	<b>18.4</b>	<b>61.8</b>	<b>42.2</b>	<b>14.2</b>	<b>-</b>	<b>0.0</b>	<b>136.5</b>
System Preservation	7.6	47.8	30.3	4.0	-	-	89.6
Expansion/Efficiency	1.6	-	-	-	-	-	1.6
Safety & Security	6.7	11.5	11.9	10.2	-	0.0	40.3
Administration	2.5	2.5	-	-	-	-	5.0
<b>Minor Program</b>	<b>40.5</b>	<b>29.5</b>	<b>20.1</b>	<b>19.3</b>	<b>11.0</b>	<b>37.8</b>	<b>158.2</b>
System Preservation	19.1	13.7	15.6	10.6	6.3	30.5	95.8
Expansion/Efficiency	6.7	7.4	0.1	0.1	0.1	-	14.4
Safety & Security	8.0	3.9	-	-	-	0.3	12.2
Environment	4.4	3.4	2.5	6.1	1.9	3.5	21.9
Administration	2.3	1.0	1.9	2.6	2.8	3.4	14.0
<b>Capital Salaries, Wages &amp; Other Costs</b>	<b>6.3</b>	<b>6.4</b>	<b>6.6</b>	<b>6.6</b>	<b>6.6</b>	<b>7.1</b>	<b>39.5</b>
<b>TOTAL</b>	<b>358.9</b>	<b>359.2</b>	<b>144.2</b>	<b>69.4</b>	<b>50.8</b>	<b>62.3</b>	<b>1,044.9</b>
Special Funds	83.7	74.1	55.1	30.3	28.9	54.1	326.2
Federal Funds	100.6	84.7	58.3	32.2	21.9	8.2	305.9
Other Funds	174.6	200.5	30.8	6.9	0.0	-	412.8
<b>Special Funds Breakdown</b>							
Transportation Trust Fund	81.2	73.8	55.1	30.3	28.9	54.1	323.4
Reimbursement Funds	2.5	0.2	-	-	-	-	2.8
<b>SPECIAL FUNDS TOTAL</b>	<b>83.7</b>	<b>74.1</b>	<b>55.1</b>	<b>30.3</b>	<b>28.9</b>	<b>54.1</b>	<b>326.2</b>



**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

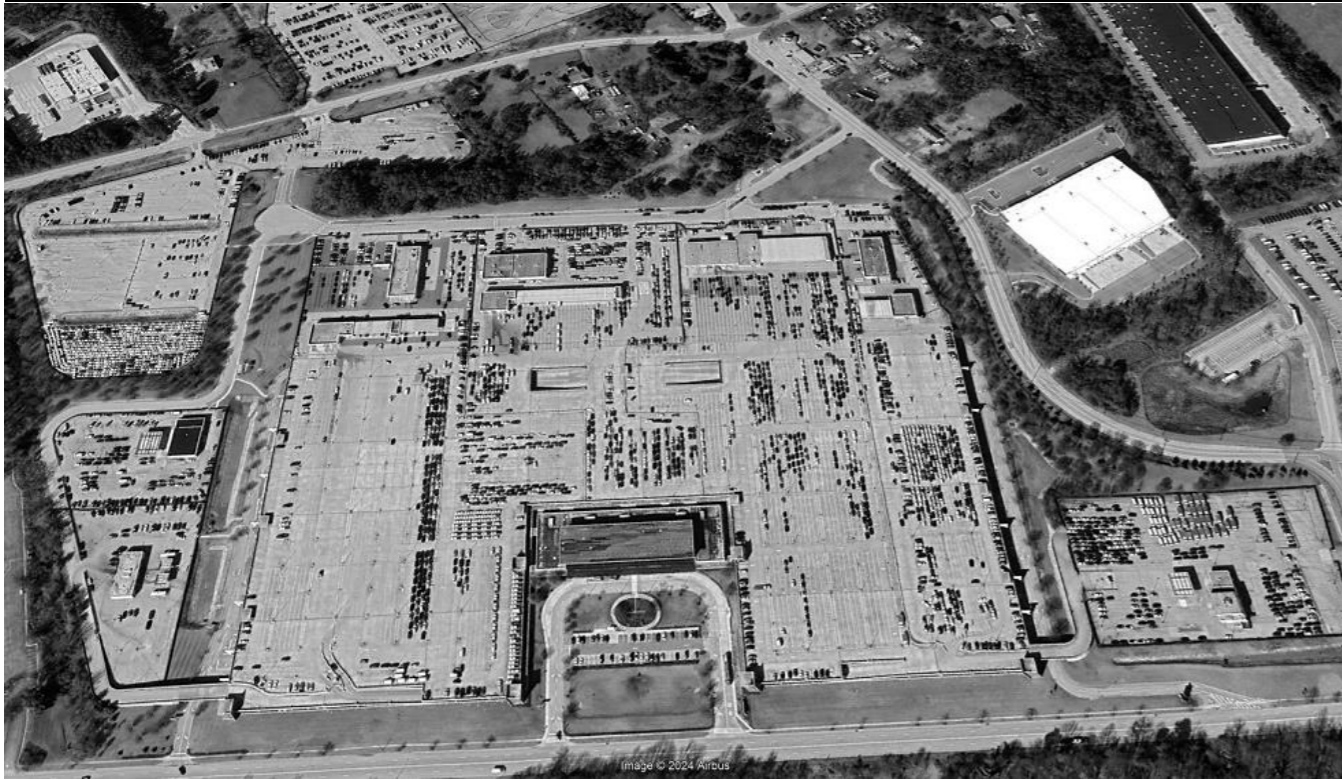
**STATUS:** The program has seventeen (17) active projects at the start of FY25 and expects to award 13 new projects at various airports across the State in FY25.

<u>POTENTIAL FUNDING SOURCE:</u>		<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				2024	2025	2026	...2027...		
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	95,970	74,970	6,368	3,500	3,500	3,500	3,500	3,500	3,500	21,000	0
<b>Total</b>	<b>96,199</b>	<b>75,199</b>	<b>6,368</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>21,000</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	96,199	75,199	6,368	3,500	3,500	3,500	3,500	3,500	3,500	21,000	0
Other	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
 \$15 million added to Program including allocation for FY 2030.

**USAGE:** N/A

**OPERATING COST IMPACT:** N/A



**PROJECT:** Consolidated Rental Car Facility Improvements at BWI Marshall Airport

**DESCRIPTION:** Improvements will be phased over multiple years and include the Consolidated Rental Car Facility's Parking Garage, Customer Service Building and Bus Maintenance Facility. Recommended improvements include mechanical, electrical, architectural, plumbing and fire protection. Also included is a reallocation study for the facility, new wayfinding/signage, infrastructure for electric vehicles and a new fire alarm & fire suppression system.

**PURPOSE & NEED SUMMARY STATEMENT:** A Facility Condition Assessment was completed for the Consolidated Rental Car Facility outlining the need for these improvements.

**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 replace aging infrastructure to maintain current and future levels of service.

- 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 started in July 2024.

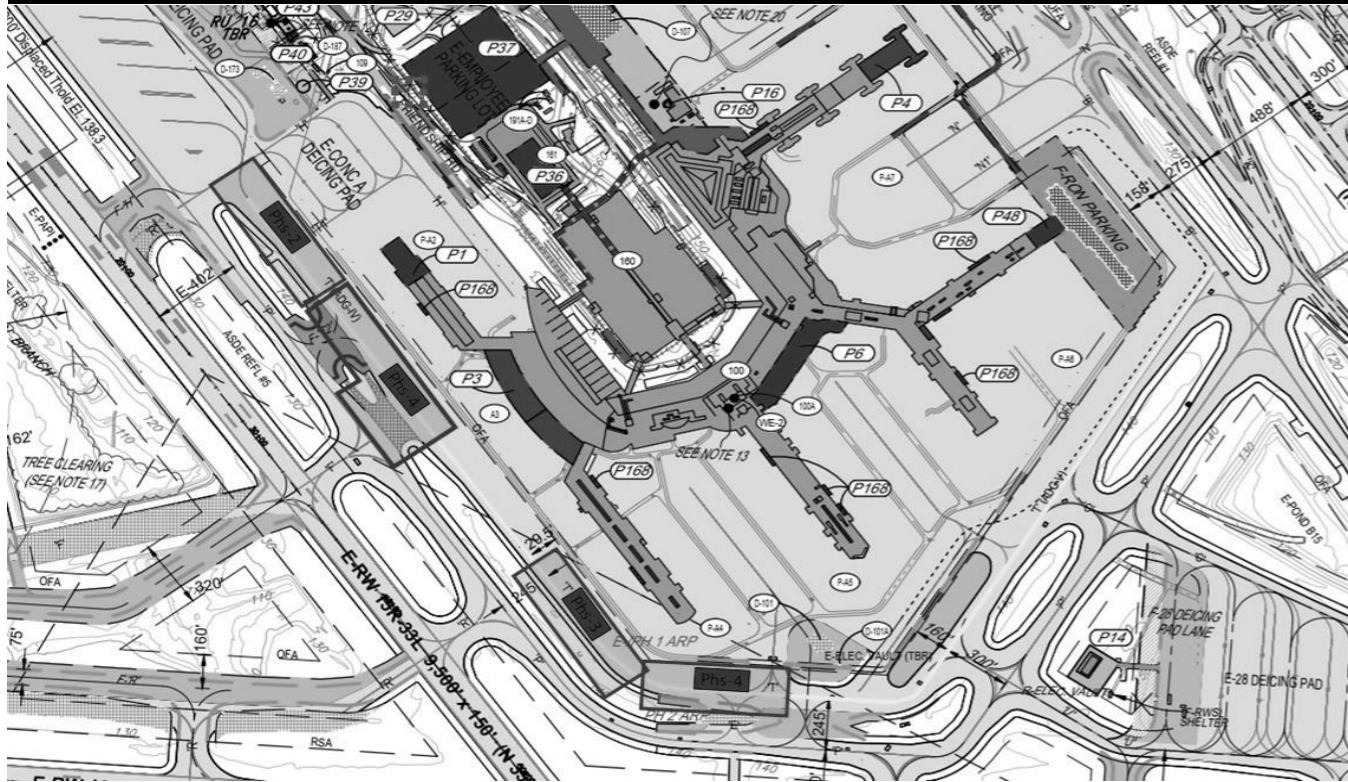
<u>POTENTIAL FUNDING SOURCE:</u>		<input type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,277	177	177	1,100	0	0	0	0	0	1,100	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	33,119	0	0	6,284	10,341	9,573	6,921	0	0	33,119	0	
<b>Total</b>	<b>34,396</b>	<b>177</b>	<b>177</b>	<b>7,384</b>	<b>10,341</b>	<b>9,573</b>	<b>6,921</b>	<b>0</b>	<b>0</b>	<b>34,219</b>	<b>0</b>	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
Special	0	0	0	0	0	0	0	0	0	0	0	
Other	34,396	177	177	7,384	10,341	9,573	6,921	0	0	34,219	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Added to Primary Construction Program.

**USAGE:** Accommodate projected annual rental car operations.

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

0486, 0487, 0509, 0516, 0662 Other funding source is Customer Facility Charge (CFC) revenue.



**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

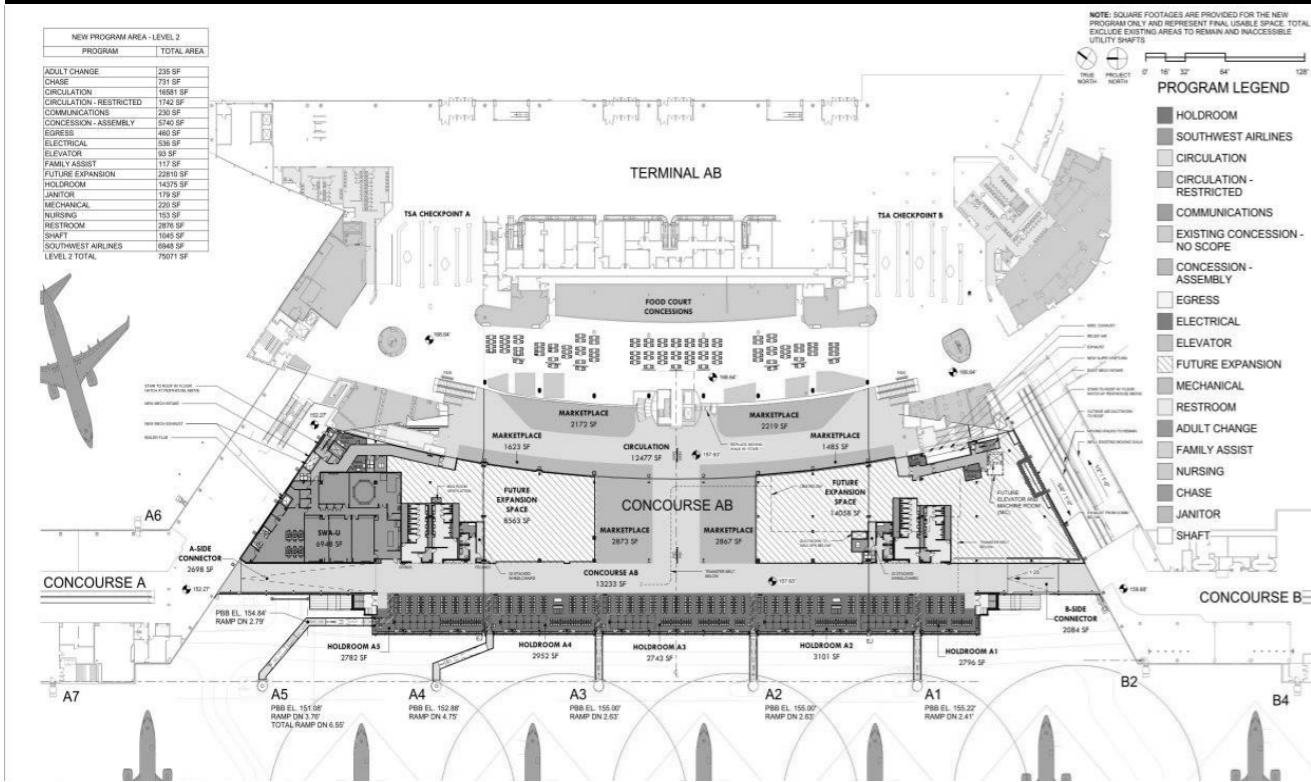
**STATUS:** Design completed. Construction began in May 2024; expected completion in December 2025.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2027...	...2028...	...2029...	...2030...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,055	3,228	1,908	248	413	165	0	0	0	827	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	36,337	10,724	0	10,684	14,517	412	0	0	0	25,613	0
<b>Total</b>	<b>40,392</b>	<b>13,952</b>	<b>1,908</b>	<b>10,932</b>	<b>14,931</b>	<b>577</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,440</b>	<b>0</b>
Federal-Aid	30,806	11,117	1,311	8,157	11,127	405	0	0	0	19,689	0
Special	9,587	2,835	597	2,775	3,803	173	0	0	0	6,751	0
Other	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost reduced by \$5.7 million due to favorable bids.

**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.

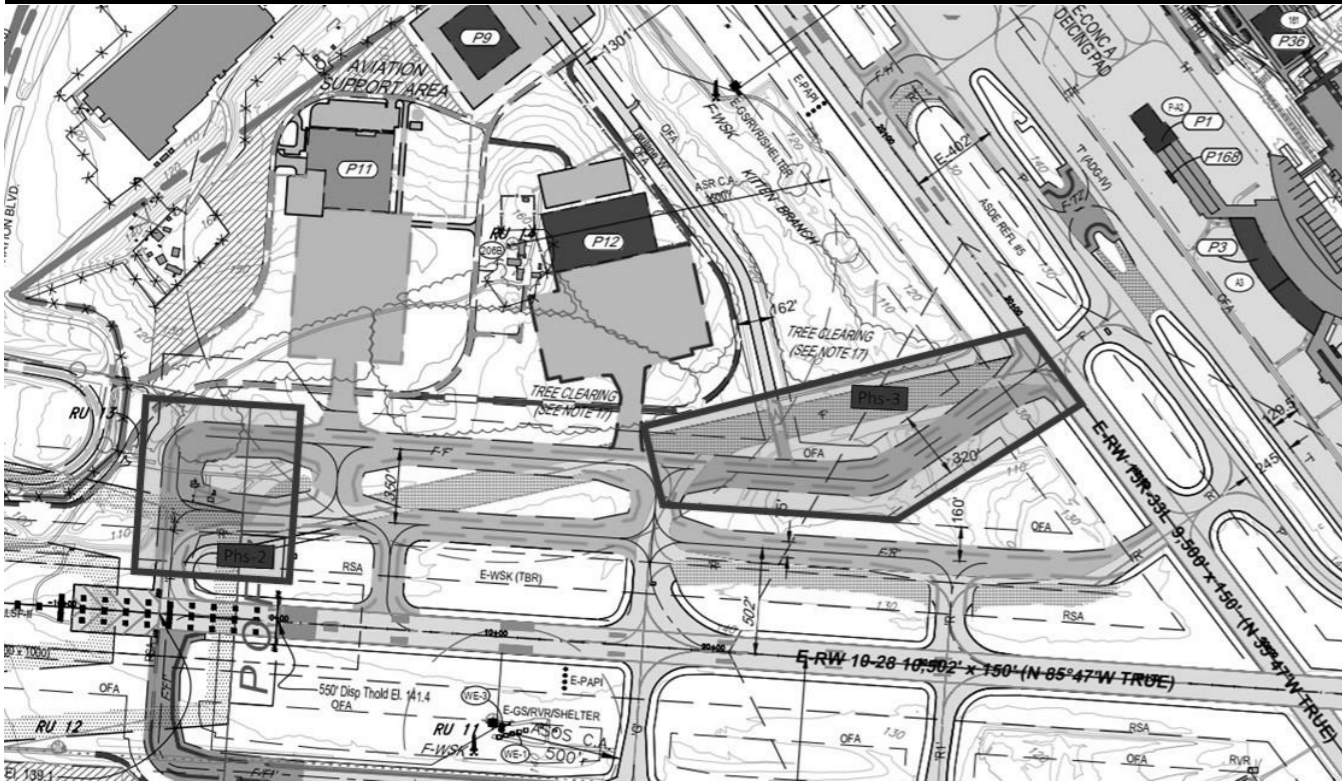
PHASE	POTENTIAL FUNDING SOURCE:					OTHER					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY	...	...	...	...		
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	94,710	64,460	9,829	18,010	12,240	0	0	0	0	0	30,250	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	396,122	149,365	95,500	120,637	125,024	1,096	0	0	0	0	246,757	0
<b>Total</b>	<b>490,832</b>	<b>213,825</b>	<b>105,329</b>	<b>138,647</b>	<b>137,264</b>	<b>1,096</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>277,007</b>	<b>0</b>
Federal-Aid	38,469	20,386	20,000	18,084	0	0	0	0	0	0	18,084	0
Special	27,378	27,268	169	110	0	0	0	0	0	0	110	0
Other	424,985	166,172	85,160	120,453	137,264	1,096	0	0	0	0	258,813	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Cost increased by \$28.7 million due to the addition of Automated Exit Lanes, new terrazzo flooring and associated design costs.

**USAGE:** Accommodate projected annual passenger growth.

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

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.



**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:** Phase 1 completed. Phase 2 under construction; project completion expected in January 2026.

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 ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	3,684	3,444	623	139	101	0	0	0	0	240	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	46,170	19,484	4,589	8,895	17,791	0	0	0	0	26,686	0	
<b>Total</b>	<b>49,854</b>	<b>22,928</b>	<b>5,212</b>	<b>9,035</b>	<b>17,892</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,927</b>	<b>0</b>	
Federal-Aid	33,847	18,321	3,548	5,197	10,329	0	0	0	0	15,526	0	
Special	16,008	4,607	1,664	3,838	7,563	0	0	0	0	11,401	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
None.

**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. Construction of hangar and apron is underway. Project completion expected in June 2025.

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				2024	2025	2026	...2027...			...2028...
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	5,085	5,085	65	0	0	0	0	0	0	0	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	46,186	39,186	8,425	7,000	0	0	0	0	0	7,000	0	0
<b>Total</b>	<b>51,271</b>	<b>44,271</b>	<b>8,489</b>	<b>7,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,000</b>	<b>0</b>	<b>0</b>
Federal-Aid	3,211	2,511	2,088	700	0	0	0	0	0	700	0	0
Special	48,059	41,759	6,401	6,300	0	0	0	0	0	6,300	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

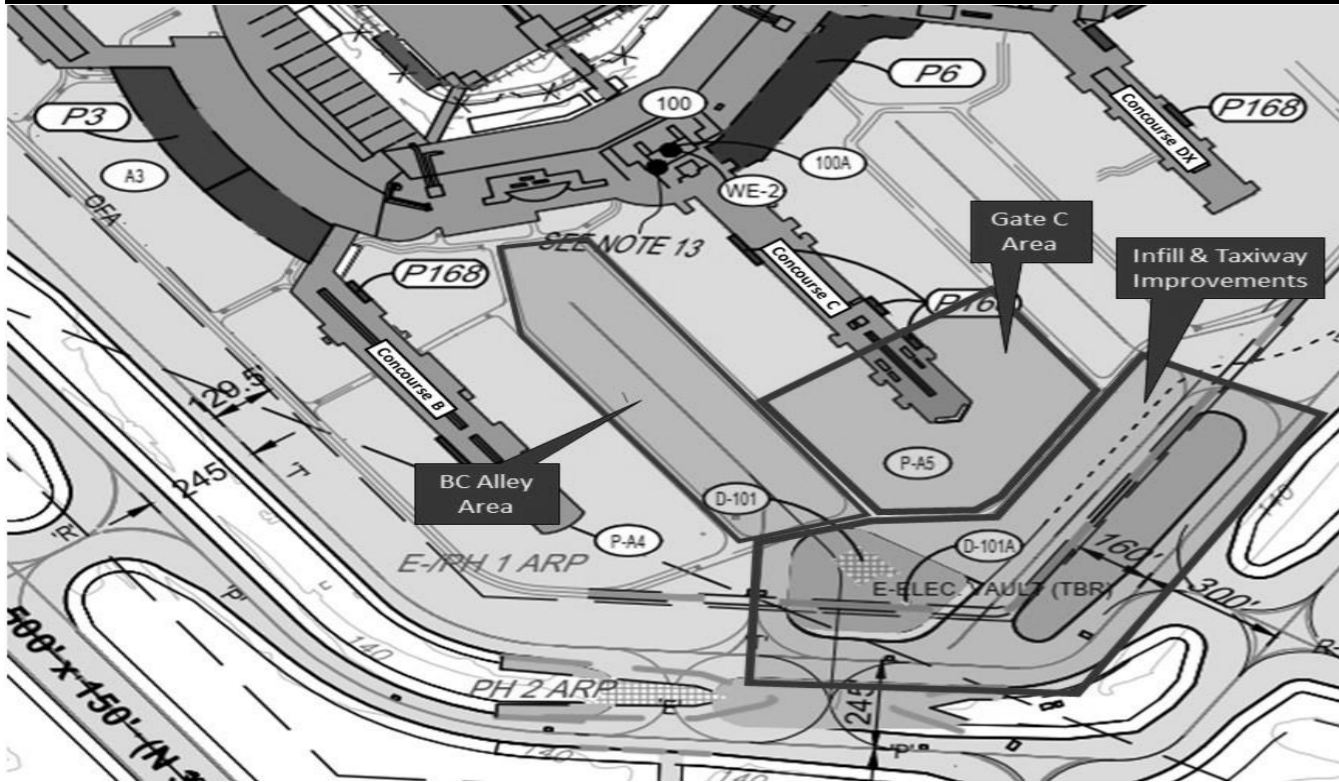
**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**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 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. BWI Marshall Airport supports the movement of people, goods and the State's economy.

**STATUS:** Construction for Airfield Lighting Vault Relocation - Phase 1 complete in July 2024. Phase 2 is anticipated to begin July 2026.

PHASE	POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
	TOTAL ESTIMATED COST (\$000)	TOTAL EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					...2027...	...2028...	...2029...	...2030...			
Planning	15	15	0	0	0	0	0	0	0	0	0
Engineering	7,921	2,662	594	754	2,050	1,228	482	610	134	5,259	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	69,006	16,044	12,924	10,046	0	4,380	15,153	19,180	4,204	52,962	0
<b>Total</b>	<b>76,942</b>	<b>18,721</b>	<b>13,518</b>	<b>10,800</b>	<b>2,050</b>	<b>5,608</b>	<b>15,635</b>	<b>19,791</b>	<b>4,337</b>	<b>58,221</b>	<b>0</b>
Federal-Aid	56,194	12,453	9,831	8,175	1,537	4,206	11,726	14,843	3,253	43,741	0
Special	20,748	6,268	3,686	2,625	512	1,402	3,909	4,948	1,084	14,480	0
Other	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost decreased by \$7 million due to removing the relocation of glycol dumps from the project.

**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. BWI Marshall Airport supports the movement of people, goods, and the State's economy.

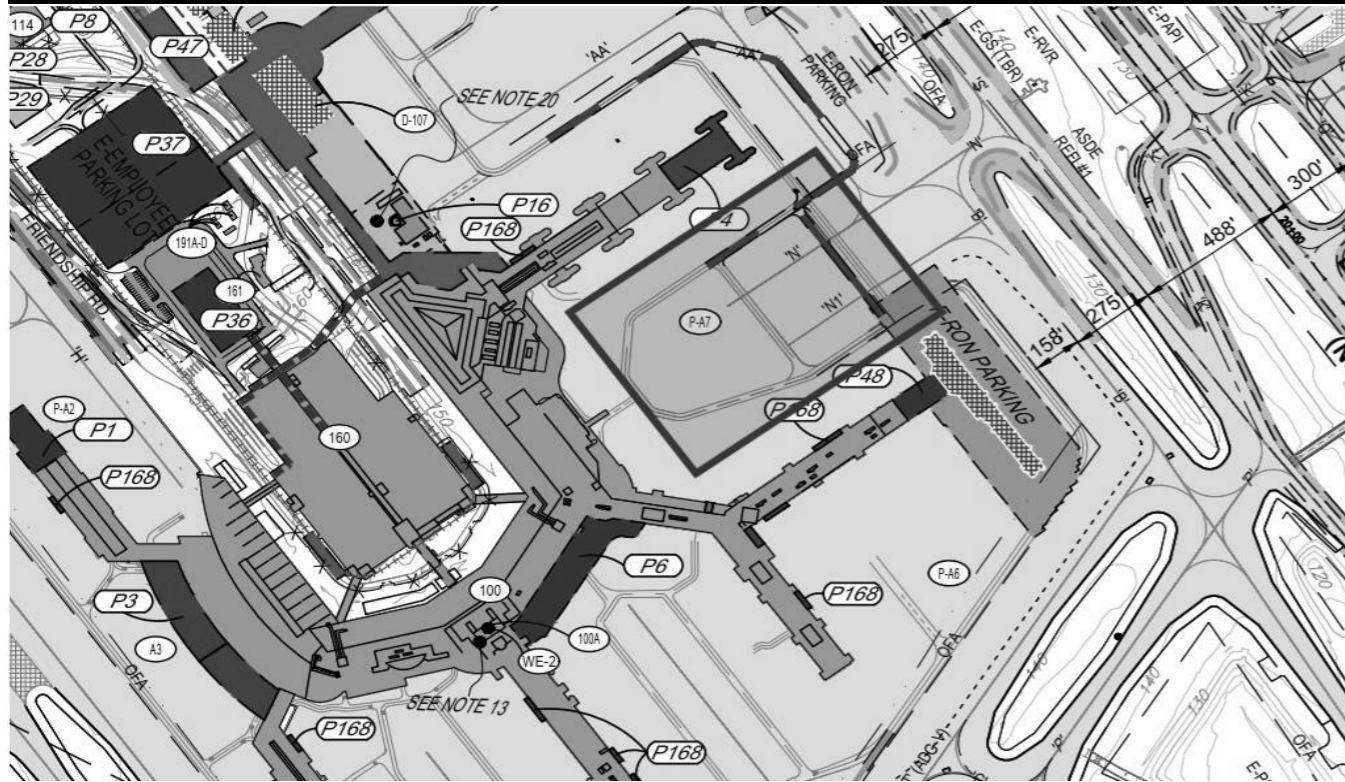
**STATUS:** Construction underway. Project completion anticipated Winter 2024.

<u>POTENTIAL FUNDING SOURCE:</u>		<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				2024	2025	2026	...2027...		
Planning	14	14	0	0	0	0	0	0	0	0	0
Engineering	1,437	1,201	302	236	0	0	0	0	0	236	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	9,395	9,357	7,895	7,333	0	0	0	0	15,228	0
<b>Total</b>	<b>26,074</b>	<b>10,610</b>	<b>9,659</b>	<b>8,131</b>	<b>7,333</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,464</b>	<b>0</b>
Federal-Aid	58	58	0	0	0	0	0	0	0	0	0
Special	26,016	10,552	9,659	8,131	7,333	0	0	0	0	15,464	0
Other	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**USAGE:** Accommodate projected annual flight operations.

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



**PROJECT:** Taxiways N and N1 Reconstruction at BWI Marshall Airport

**DESCRIPTION:** Taxiways 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

- 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 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.

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

PHASE	TOTAL		ESTIMATED COST (\$000)		EXPENDED THRU YEAR		PREVIOUS YEAR		CURRENT YEAR		BUDGET YEAR		PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU YEAR	PREVIOUS YEAR	CURRENT YEAR	PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	...2027...	...2028...	...2029...	...2030...	SIX YEAR TOTAL	BALANCE TO COMPLETE					
			2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	
Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Engineering	2,556	1,900	1,423	656	0	0	0	0	0	0	0	0	0	0	0	656	0	
Right-of-way	0	0	0	0	0	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	0	0	0	0	0	
Construction	21,610	9,724	6,671	11,885	0	0	0	0	0	0	0	0	0	0	0	11,885	0	
<b>Total</b>	<b>24,165</b>	<b>11,624</b>	<b>8,094</b>	<b>12,541</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,541</b>	<b>0</b>	
Federal-Aid	15,584	7,084	4,818	8,500	0	0	0	0	0	0	0	0	0	0	0	8,500	0	
Special	8,581	4,540	3,276	4,041	0	0	0	0	0	0	0	0	0	0	0	4,041	0	
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**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

**EXPLANATION:** The improvements enhance airport and passenger safety. BWI Marshall Airport Security 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 expected to start in August 2024.

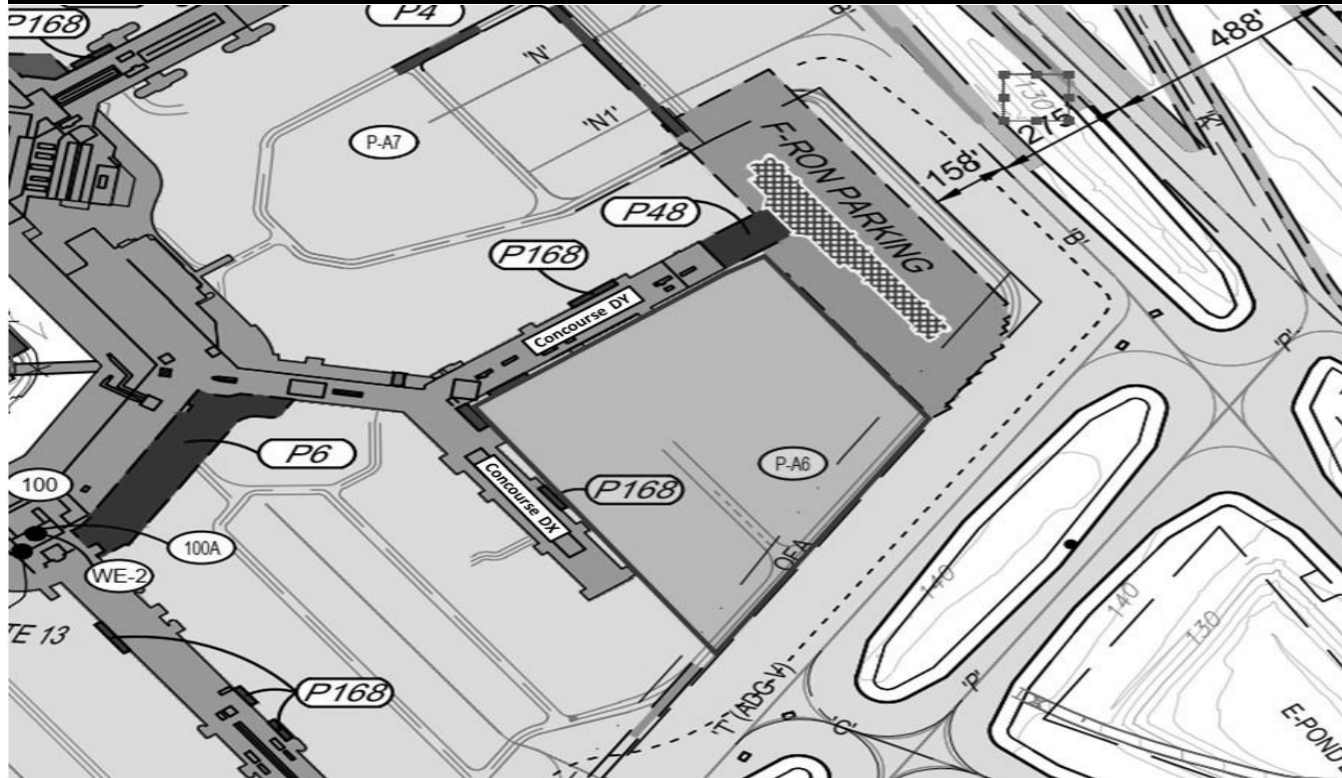
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	909	880	197	29	0	0	0	0	0	29	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	8,685	583	583	5,703	2,400	0	0	0	0	8,103	0	
<b>Total</b>	<b>9,595</b>	<b>1,463</b>	<b>780</b>	<b>5,731</b>	<b>2,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,131</b>	<b>0</b>	
Federal-Aid	64	64	0	0	0	0	0	0	0	0	0	
Special	9,530	1,399	780	5,731	2,400	0	0	0	0	8,131	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost decreased by \$1.8 million due to favorable bids.

**USAGE:** Safety and security.

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

2352; Federal funding was CARES stimulus.



**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

- 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 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.

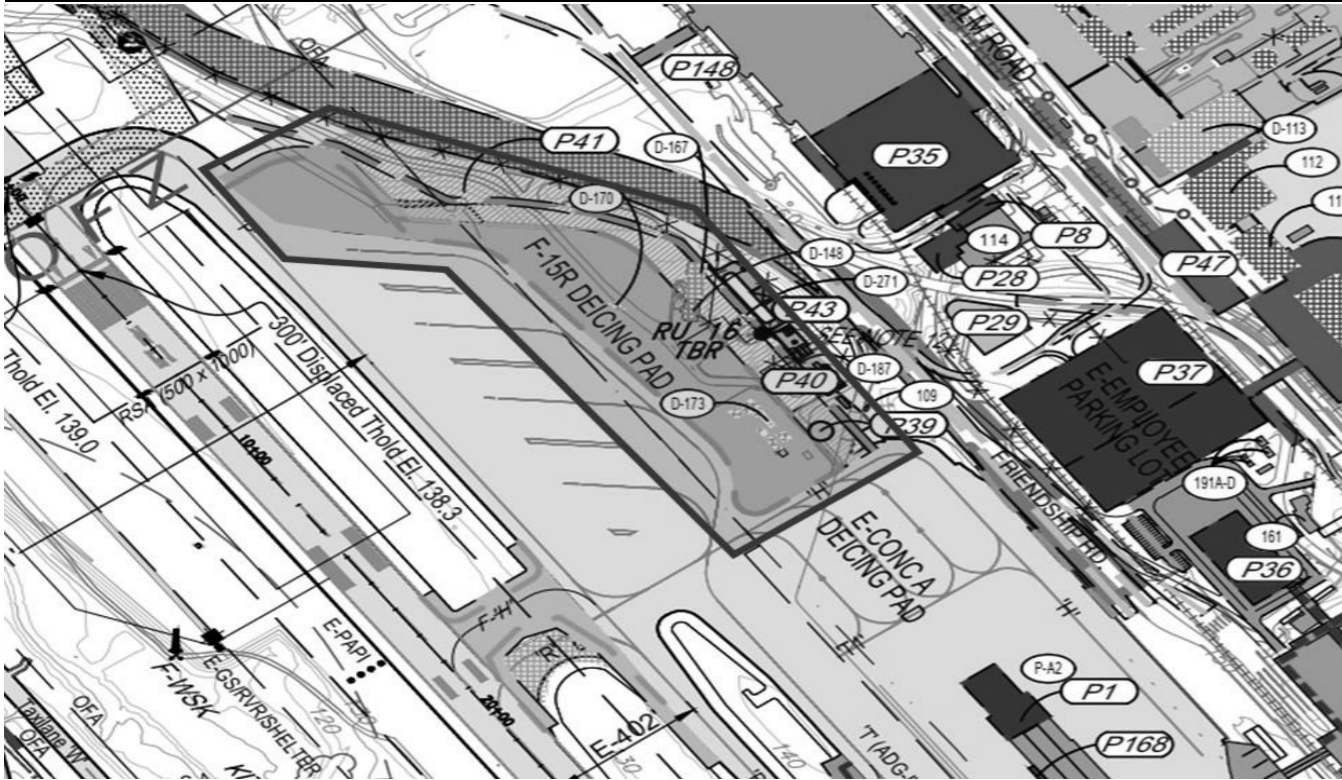
**STATUS:** Design completed. Construction start anticipated Spring 2025.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	849	664	658	18	74	92	0	0	0	185	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	37,455	0	0	3,745	14,982	18,727	0	0	0	37,455	0	
<b>Total</b>	<b>38,304</b>	<b>664</b>	<b>658</b>	<b>3,764</b>	<b>15,056</b>	<b>18,820</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,640</b>	<b>0</b>	
Federal-Aid	28,723	488	488	2,823	11,294	14,117	0	0	0	28,235	0	
Special	9,581	176	170	941	3,762	4,703	0	0	0	9,405	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost increased by \$25.5 million due to increase scope and revised engineer's 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 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

- 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 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.

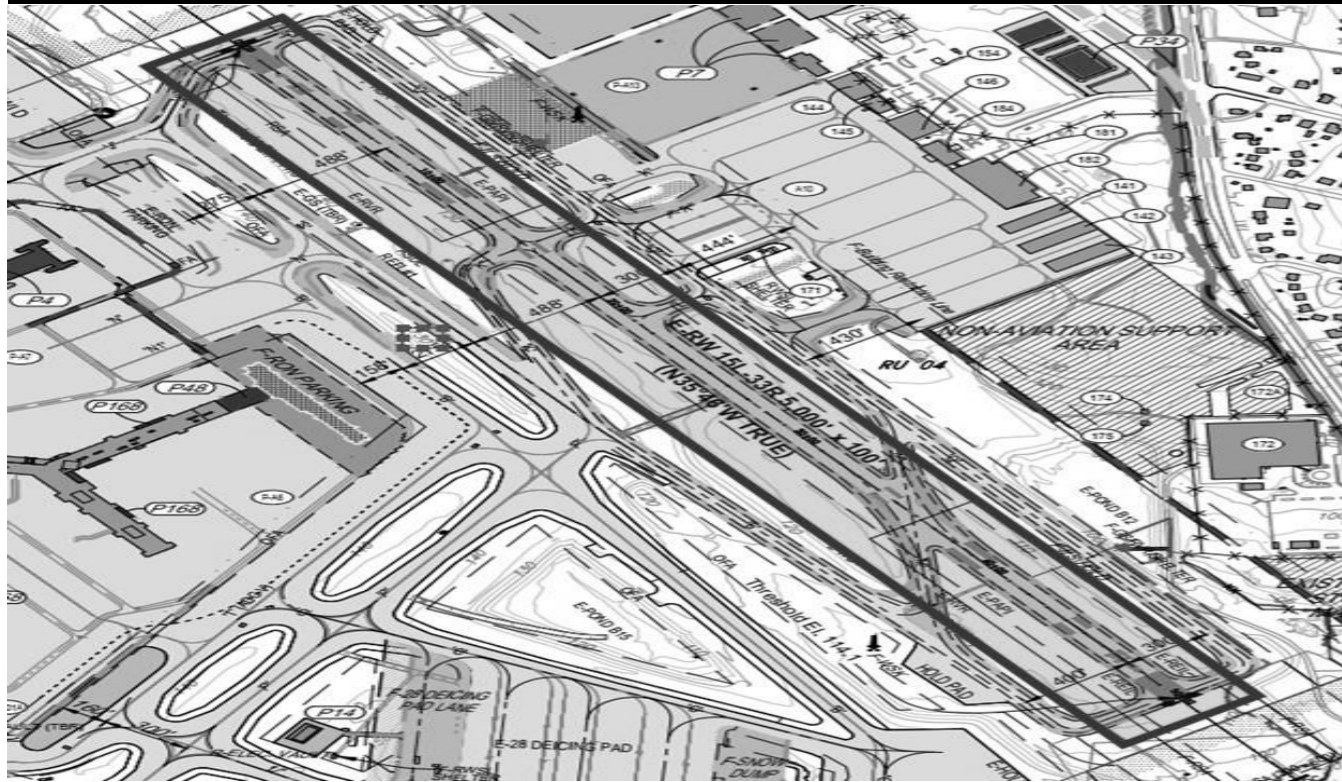
**STATUS:** Project deferred due to reprioritization of Federal projects and programs.

PHASE	POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY						
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,486	0	0	0	0	0	0	637	849	1,486	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	9,947	0	0	0	0	0	0	4,263	5,684	9,947	0	0
<b>Total</b>	<b>11,433</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,900</b>	<b>6,533</b>	<b>11,433</b>	<b>0</b>	<b>0</b>
Federal-Aid	9,800	0	0	0	0	0	0	4,900	4,900	9,800	0	0
Special	1,633	0	0	0	0	0	0	0	1,633	1,633	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost decreased by \$50.4 million due to removal of Runway 15R Deicing Pad expansion.

**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

- 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.

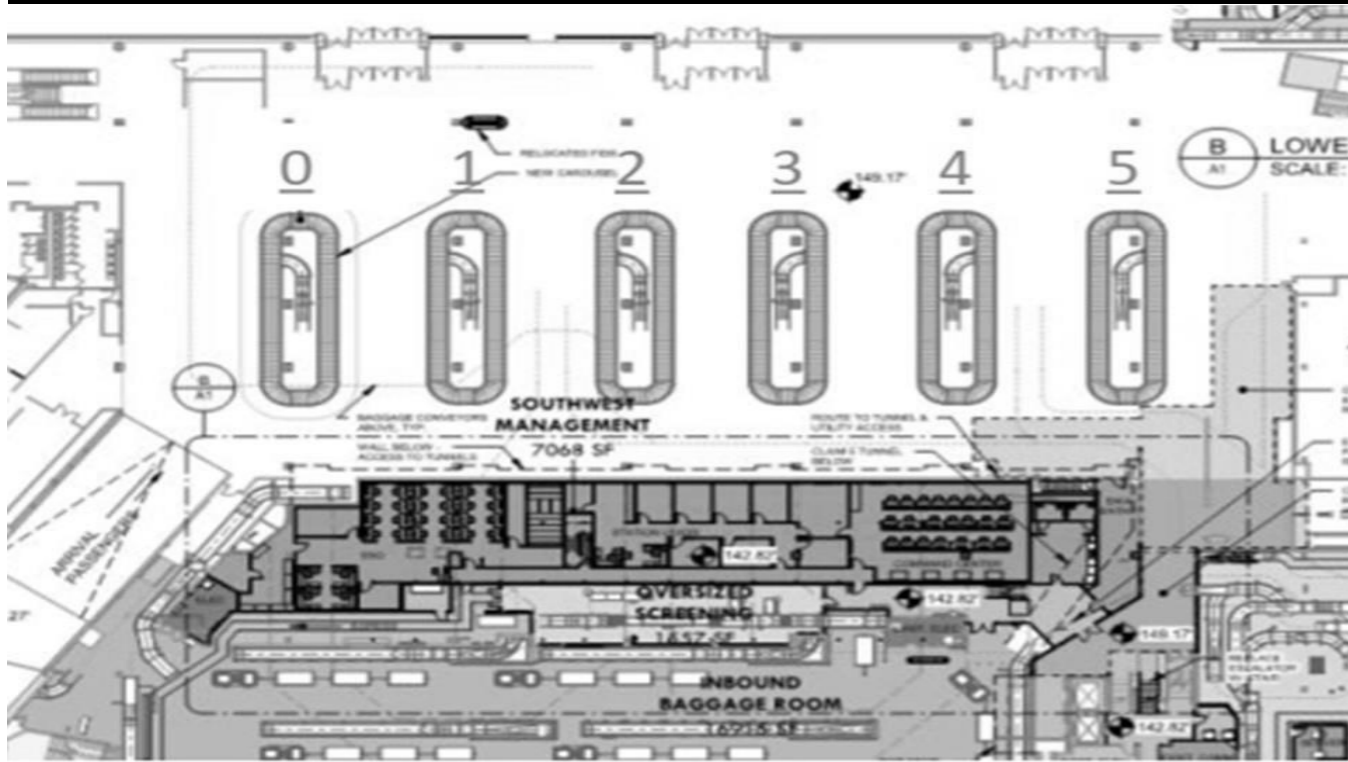
**STATUS:** Design and engineering expected to start in 2026.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,502	0	0	329	768	303	101	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	9,529	3,176	0	0	12,705	0	
<b>Total</b>	<b>14,207</b>	<b>0</b>	<b>0</b>	<b>329</b>	<b>768</b>	<b>9,832</b>	<b>3,277</b>	<b>0</b>	<b>0</b>	<b>14,207</b>	<b>0</b>	
Federal-Aid	10,655	0	0	247	576	7,374	2,458	0	0	10,655	0	
Special	3,552	0	0	82	192	2,458	819	0	0	3,552	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 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 five (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						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	5,921	221	38	2,561	2,568	570	0	0	0	5,699	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	24,625	0	0	7,387	14,775	2,462	0	0	0	24,625	0	
<b>Total</b>	<b>30,545</b>	<b>221</b>	<b>38</b>	<b>9,949</b>	<b>17,343</b>	<b>3,033</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,324</b>	<b>0</b>	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
Special	219	219	36	0	0	0	0	0	0	0	0	
Other	30,326	2	2	9,949	17,343	3,033	0	0	0	30,324	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**

Cost increased by \$4.0 million due to revised estimate for design and engineering.

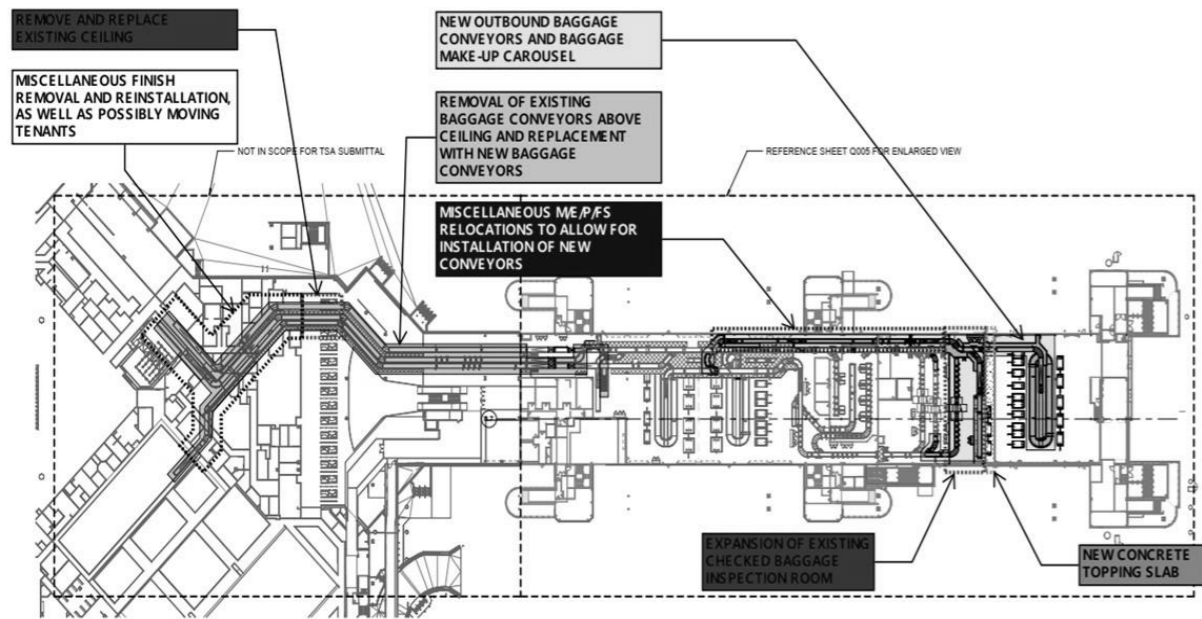
**USAGE:** Accommodate projected annual passenger growth.

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

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



**PROJECT:** 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 complete. Bids due in August 2024. Construction expected to start in Fall 2024.

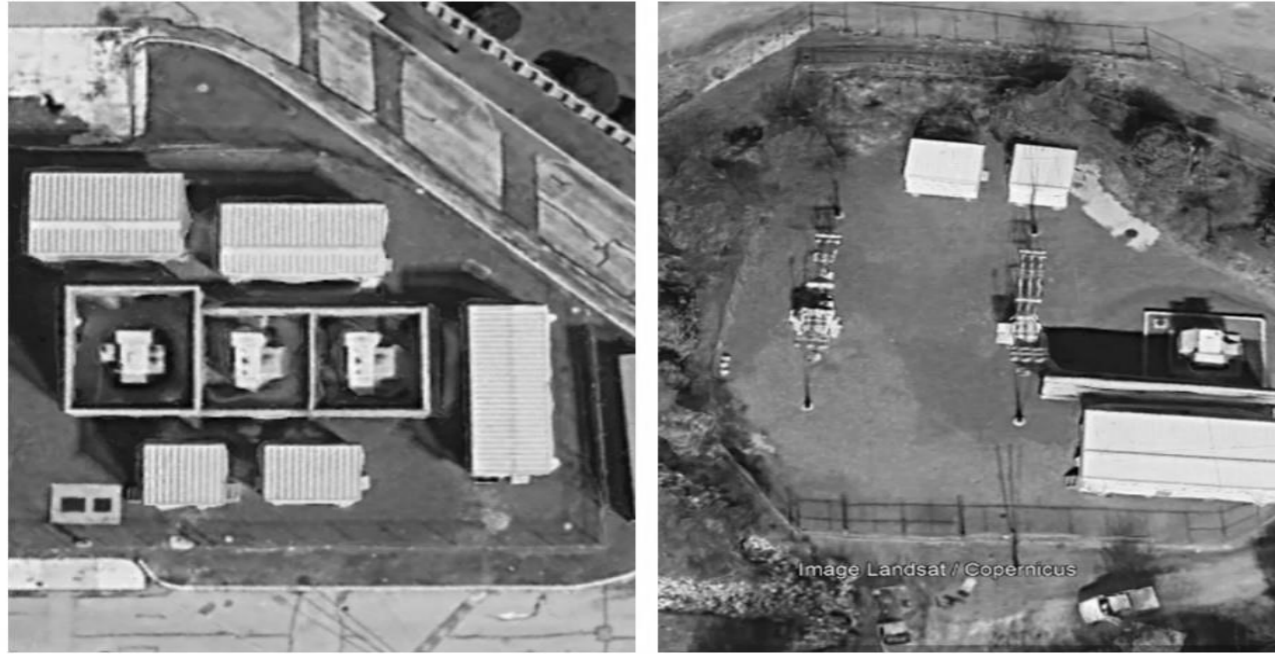
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	4,253	1,508	472	2,141	508	96	0	0	0	2,745	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	37,378	0	0	7,998	13,760	15,620	0	0	0	37,378	0	
<b>Total</b>	<b>41,631</b>	<b>1,508</b>	<b>472</b>	<b>10,139</b>	<b>14,268</b>	<b>15,716</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,123</b>	<b>0</b>	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
Special	1,035	1,035	0	0	0	0	0	0	0	0	0	
Other	40,596	472	472	10,139	14,268	15,716	0	0	0	40,123	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Cost increased \$6.5 million due to increased scope and revised cost estimate.

**USAGE:** Accommodate projected annual passenger growth.

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

0251 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

**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.

- 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 underway for North/South BGE Substations and replacement of Substation ST-AB.

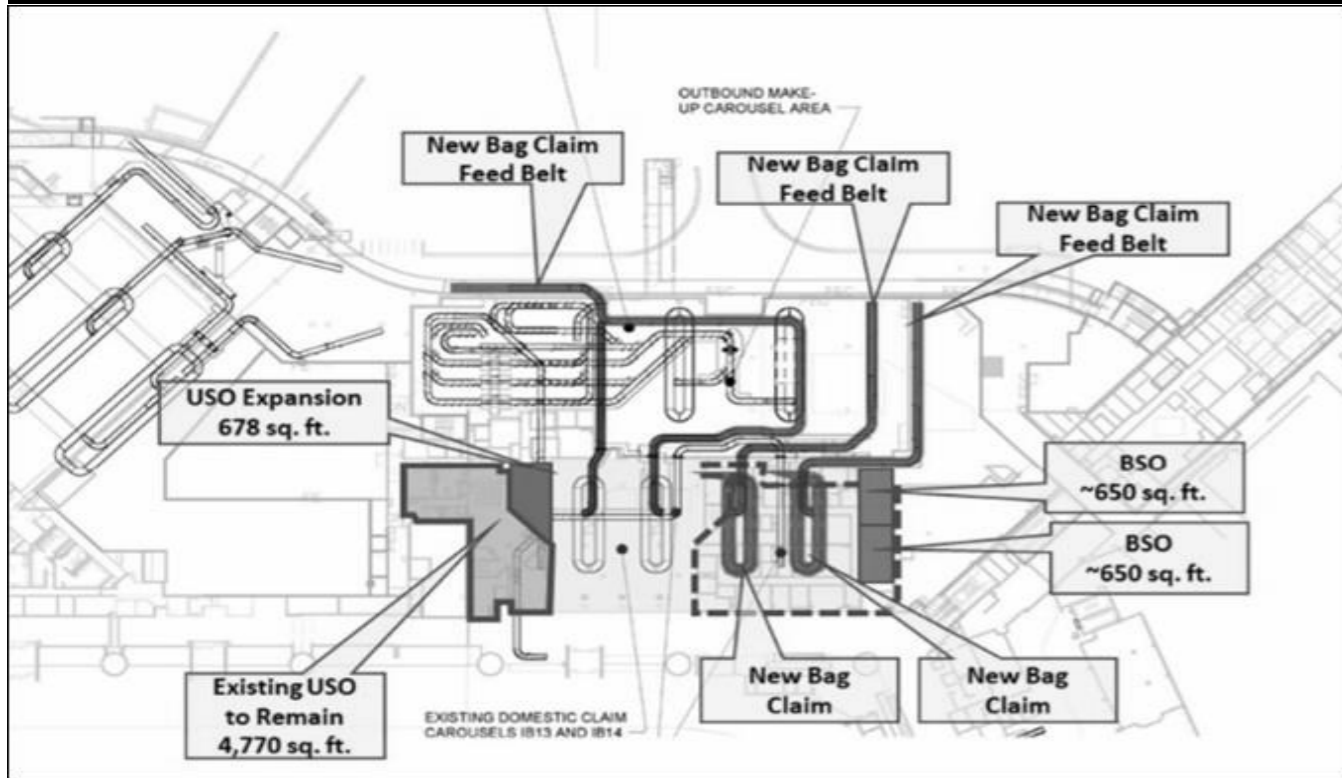
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	3,679	2,392	1,175	1,193	74	19	0	0	0	1,286	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	25,551	9,637	8,004	8,436	5,639	1,838	0	0	0	15,913	0	
<b>Total</b>	<b>29,229</b>	<b>12,029</b>	<b>9,179</b>	<b>9,629</b>	<b>5,713</b>	<b>1,857</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,200</b>	<b>0</b>	
Federal-Aid	1	1	0	0	0	0	0	0	0	0	0	
Special	11,070	6,911	4,062	1,507	2,011	641	0	0	0	4,159	0	
Other	18,159	5,118	5,118	8,123	3,702	1,216	0	0	0	13,041	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost decreased by \$1.3 million due to favorable bids.

**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. The relocation of the MDTA Police Headquarters is necessary to enable this project.

**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 I, MDTA Police Relocation, deferred. Design for Phase II is underway.

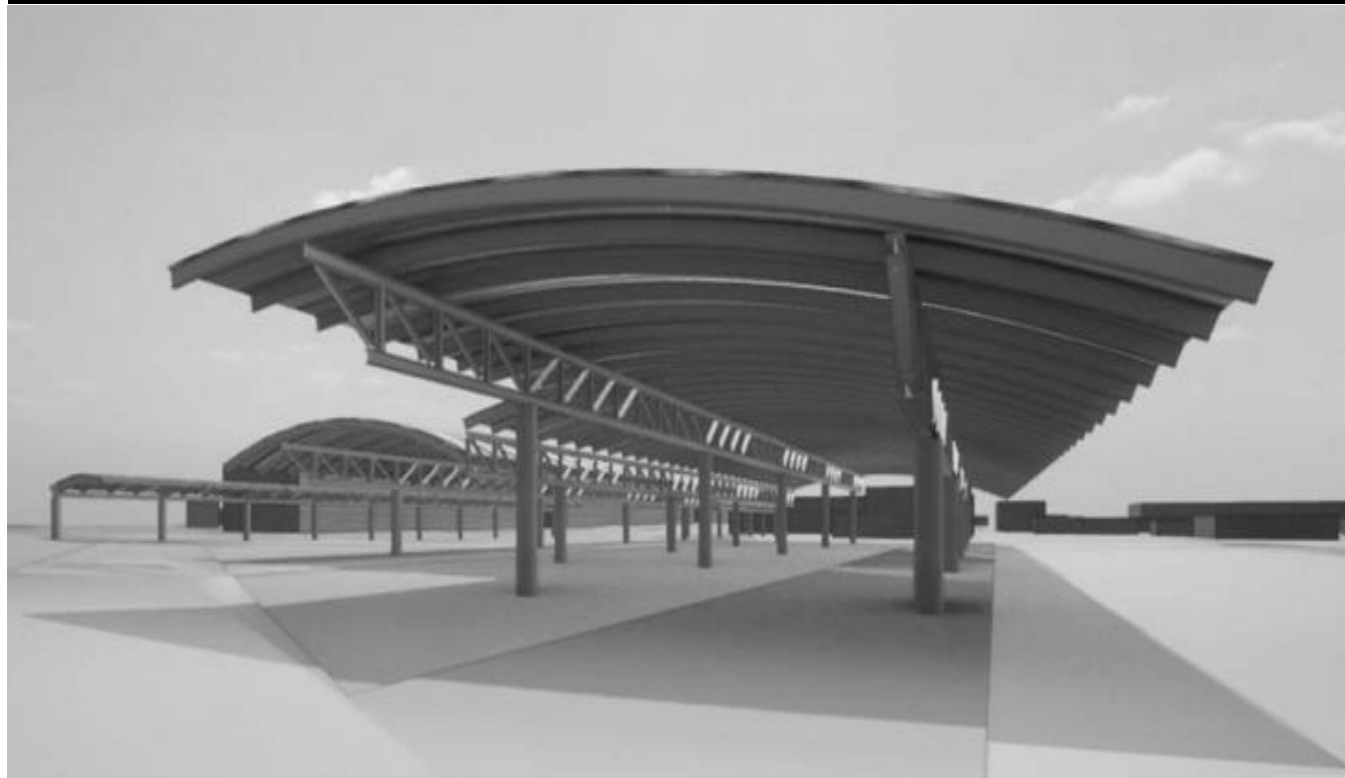
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2024	2025	2026	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,890	2,390	1,060	1,500	0	0	0	0	0	1,500	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	6,053	53	53	0	0	0	0	3,001	3,000	6,001	0
<b>Total</b>	<b>9,944</b>	<b>2,443</b>	<b>1,113</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,001</b>	<b>3,000</b>	<b>7,501</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	8,144	2,143	813	0	0	0	0	3,001	3,000	6,001	0
Other	1,800	300	300	1,500	0	0	0	0	0	1,500	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Phase 1 of project (MDTA Police Relocation) deferred due to fiscal constraints.

**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:** Snow Removal Equipment Shelter at BWI Marshall Airport

**DESCRIPTION:** Construction of a new, free-standing Snow Removal Equipment (SRE) shelter building in the existing uncovered equipment storage yard adjacent to the BWI Marshall fuel farm.

**PURPOSE & NEED SUMMARY STATEMENT:** Snow removal equipment is expensive and critical to maintaining airfield operations during snow and inclement weather events. Currently the equipment is stored outside subject to the elements, which lessens the usable life and increases maintenance cost of the equipment. A covered storage area will extend the life and protect the investment in the equipment, ensuring operational resiliency.

**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 ensure that snow removal equipment is properly maintained throughout its useful life.

**STATUS:** Design underway. Construction expected in early 2026.

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 ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,616	172	172	1,017	213	213	0	0	0	1,444	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	13,415	0	0	0	6,707	6,707	0	0	0	13,415	0	
<b>Total</b>	<b>15,031</b>	<b>172</b>	<b>172</b>	<b>1,017</b>	<b>6,921</b>	<b>6,921</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,859</b>	<b>0</b>	
Federal-Aid	12,000	93	93	834	5,537	5,537	0	0	0	11,907	0	
Special	3,031	80	80	183	1,384	1,384	0	0	0	2,951	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Added to Construction Program, from the System Preservation Minor Projects.

**USAGE:** Preserve snow removal equipment to maintain its useful life.

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



**PROJECT:** Runway 10/28 Rehabilitation at BWI Marshall Airport

**DESCRIPTION:** Resurfacing the longest runway at BWI Marshall. The project will include additional pavement repairs as needed, tie-ins to adjacent taxiways and runway. The runway edge lights, centerline lights, threshold lights and touchdown zone lights will all be updated to the latest LED lights. The runway surface sensors will also be replaced.

**PURPOSE & NEED SUMMARY STATEMENT:** To maintain a safe runway with minimal surface defects, periodically the pavement surface needs to be replaced. The 2023 Airport PCI survey identified Runway 10-28 in the recommended five-year CIP programs as the PCI will be falling into the fair range over the next few years. Additionally, while the runway is closed, we are replacing all of the pavement lighting with LED lights to reduce power usage and maintenance.

**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 compliance with FAA Part 139 regulations to ensure airfield movement and safety is maximized.

- 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 started in July 2024. Advertisement expected in March 2025.

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 ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	4,545	332	332	2,989	918	306	0	0	0	4,213	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	38,455	0	0	0	28,841	9,614	0	0	0	38,455	0	
<b>Total</b>	<b>43,000</b>	<b>332</b>	<b>332</b>	<b>2,989</b>	<b>29,759</b>	<b>9,920</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42,668</b>	<b>0</b>	
Federal-Aid	32,250	249	249	2,242	22,319	7,440	0	0	0	32,001	0	
Special	10,750	83	83	747	7,440	2,480	0	0	0	10,667	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Added to Primary Construction Program, from the System Preservation Minor Projects.

**USAGE:** Improve standards.

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



**PROJECT:** Passenger Movement Modernization at BWI Marshall Airport

**DESCRIPTION:** The Passenger Movement Modernization Program is a multiyear program to replace aging infrastructure related to improving the efficiency and movement of passengers in the terminal building. The program will address replacing Passenger Boarding Bridges (PBBs), elevators, escalators, moving walkways to improve the movement of travelers and their bags between aircraft and ground transportation. This phase will replace fourteen (14) PBBs, upgrade six (6) escalators and upgrade four (4) elevators. Phase II will include replacement of forty (40) terminal vestibule doors on the upper and lower levels of the terminal building.

**PURPOSE & NEED SUMMARY STATEMENT:** BWI Marshall Airport's infrastructure has exceeded their useful life of 15-20 years and have become difficult to maintain and keep in service due to availability of parts and materials. The project will ensure that passengers with disabilities and reduced mobility continue to have equal access to the terminal building while boarding aircraft comfortably and safely. Passenger Boarding Bridges will come equipped with wheelchair lifts, ramps and handrails to ensure all passengers can board safely.

**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. 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

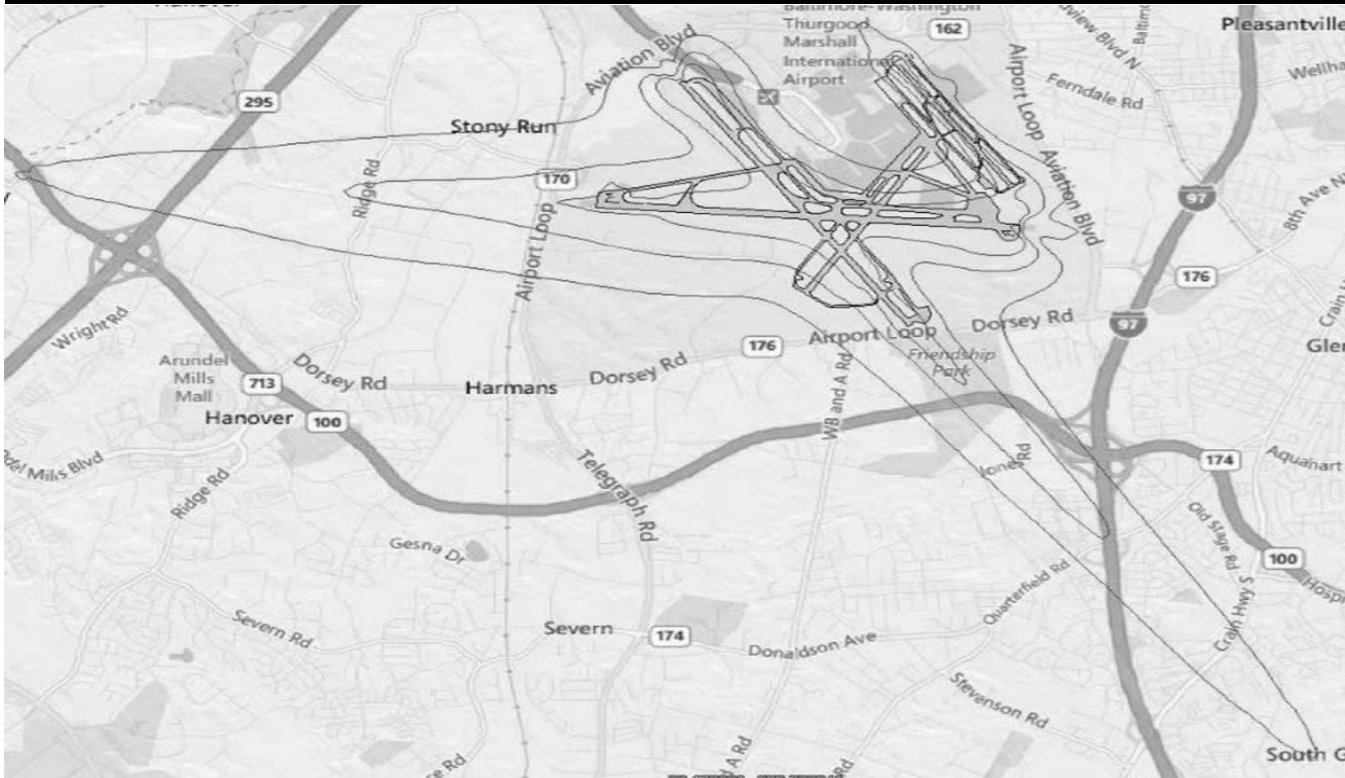
**STATUS:** Design completed for PBBs with bids due September 2024 and construction expected to start in early 2025. Design to be complete for escalator upgrades in August 2024. Elevator upgrade is in procurement process. Design for vestibule doors started in June 2024.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,633	1,126	679	351	52	52	52	0	0	507	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	27,415	0	0	3,358	9,662	9,098	5,298	0	0	27,415	0	
<b>Total</b>	<b>29,049</b>	<b>1,126</b>	<b>679</b>	<b>3,709</b>	<b>9,714</b>	<b>9,150</b>	<b>5,350</b>	<b>0</b>	<b>0</b>	<b>27,923</b>	<b>0</b>	
Federal-Aid	14,552	0	0	1,712	4,280	4,280	4,280	0	0	14,552	0	
Special	14,496	1,126	679	1,997	5,434	4,870	1,070	0	0	13,370	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Added to Primary Construction Program.

**USAGE:** Accommodate projected annual passenger growth.

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



**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

**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.

- 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:** 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.

PHASE	POTENTIAL FUNDING SOURCE:										SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL					PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY						
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	8,999	3,201	1,270	3,773	2,025	0	0	0	0	0	5,798	0
Right-of-way	1,263	733	376	530	0	0	0	0	0	0	530	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0
Construction	24,117	1,200	1,200	12,000	10,139	778	0	0	0	0	22,917	0
<b>Total</b>	<b>34,379</b>	<b>5,134</b>	<b>2,846</b>	<b>16,303</b>	<b>12,164</b>	<b>778</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,245</b>	<b>0</b>
Federal-Aid	27,796	4,250	2,006	13,192	9,731	623	0	0	0	0	23,546	0
Special	0	0	0	0	0	0	0	0	0	0	0	0
Other	6,583	884	840	3,111	2,433	156	0	0	0	0	5,699	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 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:** 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

**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.

- 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:** Procurement currently underway.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
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	19,455	6,768	5,018	5,969	6,718	0	0	0	0	12,687	0	
<b>Total</b>	<b>19,455</b>	<b>6,768</b>	<b>5,018</b>	<b>5,969</b>	<b>6,718</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,687</b>	<b>0</b>	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
Special	1,750	1,750	0	0	0	0	0	0	0	0	0	
Other	17,705	5,018	5,018	5,969	6,718	0	0	0	0	12,687	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 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:** Shuttle Bus Service Fleet Replacement and Electric Bus Infrastructure at BWI Marshall Airport

**DESCRIPTION:** This project purchased 25 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:** Project completed 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				2024	2025	2026	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	500	500	182	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	36,128	36,128	9,470	0	0	0	0	0	0	0	0
<b>Total</b>	<b>36,628</b>	<b>36,628</b>	<b>9,653</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Federal-Aid	95	95	0	0	0	0	0	0	0	0	0
Special	3,277	3,277	2,346	0	0	0	0	0	0	0	0
Other	33,256	33,256	7,306	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**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:** Project completed Spring 2024.

<b>POTENTIAL FUNDING SOURCE:</b>											
	<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				YEAR 2024	YEAR 2025	YEAR 2026	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,024	3,024	131	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	21,039	21,039	1,531	0	0	0	0	0	0	0	0
<b>Total</b>	<b>24,063</b>	<b>24,063</b>	<b>1,662</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	6,362	6,362	242	0	0	0	0	0	0	0	0
Other	17,701	17,701	1,420	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**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

- 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 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.

**STATUS:** Project completed Spring 2024.

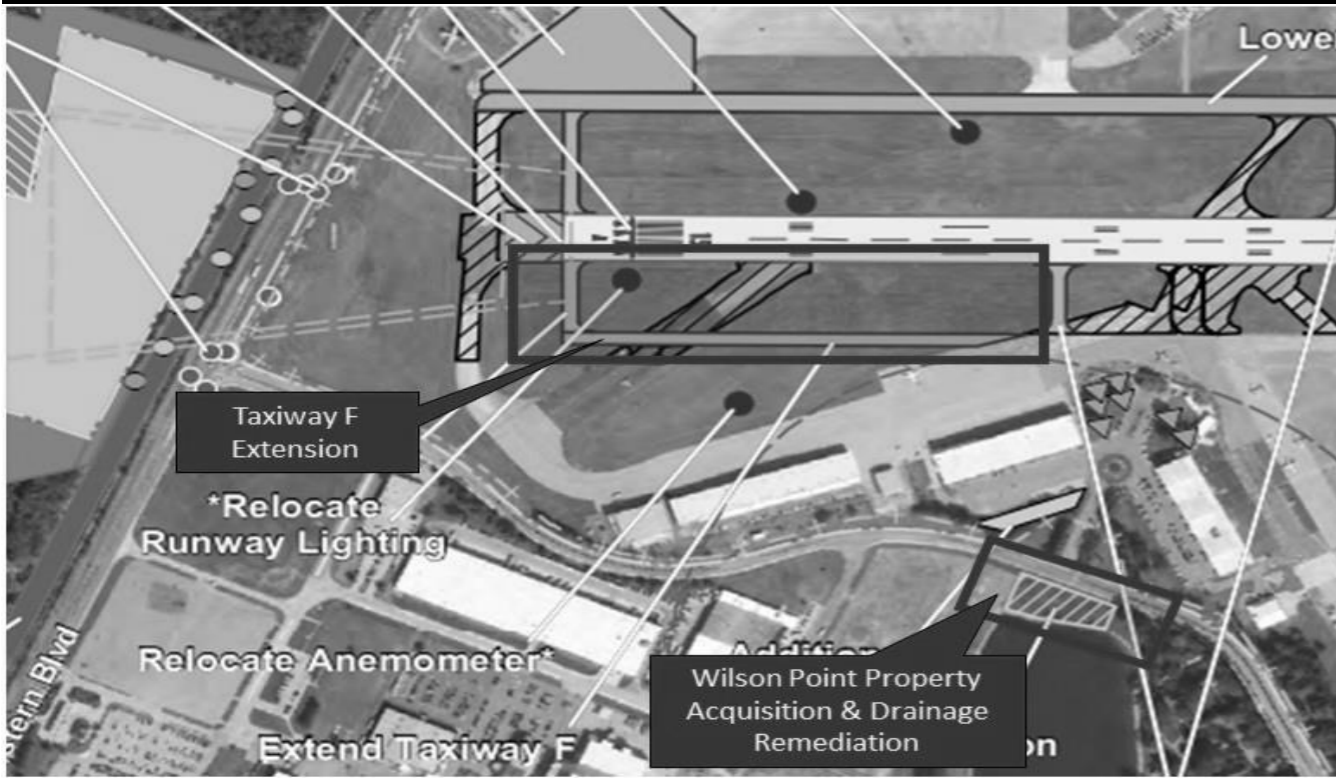
POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	7,220	7,220	220	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	62,337	62,337	19,938	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>69,557</b>	<b>69,557</b>	<b>20,158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
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	69,043	69,043	20,158	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**USAGE:** Accommodate projected annual passenger growth.

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

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



**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.

**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						SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	419	76	76	243	40	60	0	0	0	343	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	4,919	0	0	0	1,572	3,347	0	0	0	4,919	0	
<b>Total</b>	<b>5,338</b>	<b>76</b>	<b>76</b>	<b>243</b>	<b>1,612</b>	<b>3,407</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,262</b>	<b>0</b>	
Federal-Aid	4,638	61	61	195	1,290	3,093	0	0	0	4,577	0	
Special	700	15	15	49	322	314	0	0	0	685	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Cost decreased \$1.3 million due to favorable bid.

**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:** Construction underway with target completion by end of 2024. Amtrak catenary lowering is in design. Obstruction removal is in advanced planning and permitting phase. NAVAID relocation is in preliminary design.

<u>POTENTIAL FUNDING SOURCE:</u>		<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				2024	2025	2026	...2027...			...2028...
Planning	1,580	100	100	880	600	0	0	0	0	1,480	0	
Engineering	2,450	1,580	549	870	0	0	0	0	0	870	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	46,994	6,265	6,265	27,728	1,295	9,305	2,400	0	0	40,728	0	
<b>Total</b>	<b>51,024</b>	<b>7,946</b>	<b>6,914</b>	<b>29,478</b>	<b>1,895</b>	<b>9,305</b>	<b>2,400</b>	<b>0</b>	<b>0</b>	<b>43,078</b>	<b>0</b>	
Federal-Aid	34,460	5,640	5,614	26,819	195	1,399	407	0	0	28,820	0	
Special	16,564	2,305	1,300	2,660	1,701	7,905	1,993	0	0	14,259	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** None.

**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).



**PROJECT:** Air Traffic Control Tower at Martin State Airport

**DESCRIPTION:** This project replaces the 82-year-old Airport Traffic Control Tower (ATCT) built in 1942, one of the nation's oldest, greatly improving overall controller line-of-sight, depth perception, ADA compliance, and working environment. The new tower will be a stand-alone facility located near the airfield midpoint, on an elevated site providing climate change and operational resiliency.

**PURPOSE & NEED SUMMARY STATEMENT:** A relocated tower with its midpoint location and 36-foot higher elevation provides controllers with greater visibility of the Airport Operations Area and non-movement areas and ability to track aircraft and ground operations. It will also include modern equipment with enhanced safety measures and ADA compliant access. By elevating the tower site, the design provides resiliency against weather and flooding in this coastal location.

**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 aging infrastructure that supports airport and flight operations. 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

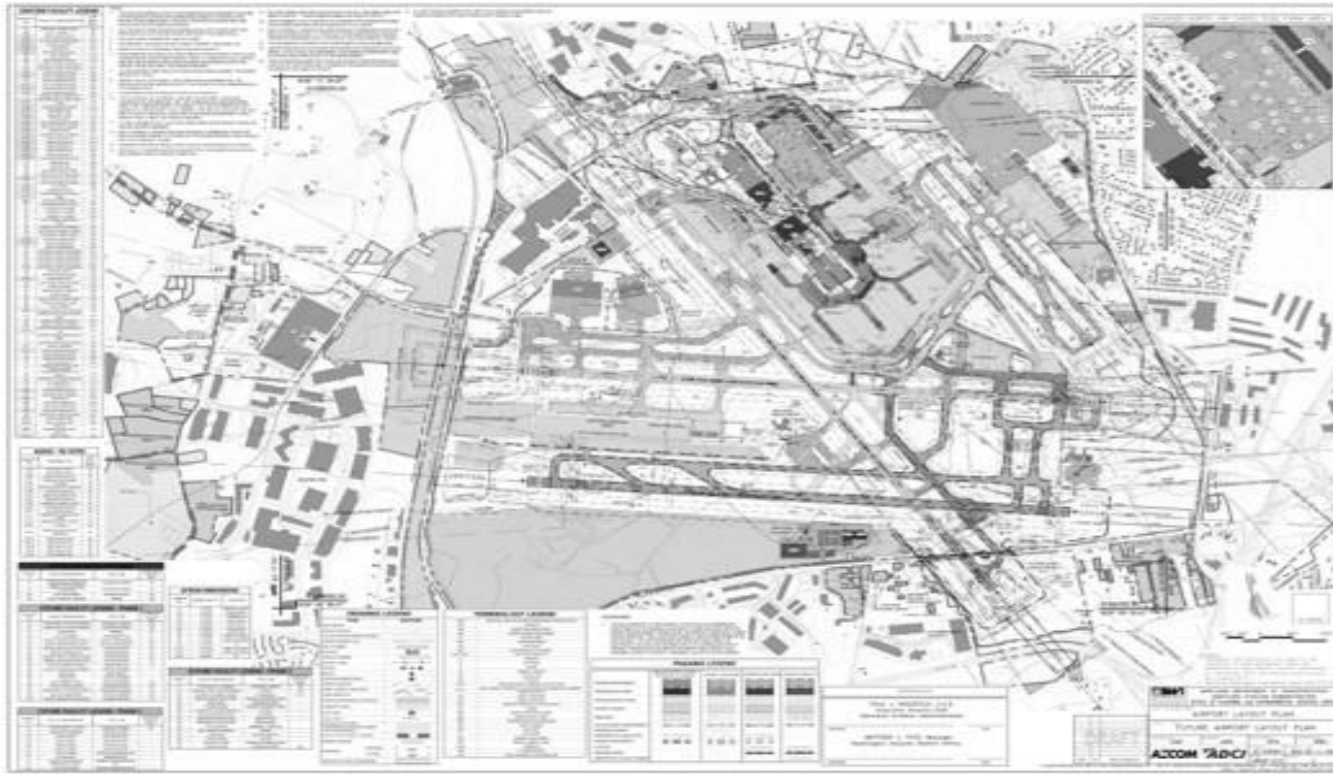
**STATUS:** 100% design completed in July 2024. Bids due in September 2024 and construction anticipated to start in Spring 2025.

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				2024	2025	2026	...2027...			...2028...
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,882	1,868	841	11	3	0	0	0	0	14	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	21,249	1	0	1,000	6,624	9,624	4,000	0	0	21,248	0	0
<b>Total</b>	<b>23,131</b>	<b>1,869</b>	<b>841</b>	<b>1,011</b>	<b>6,627</b>	<b>9,624</b>	<b>4,000</b>	<b>0</b>	<b>0</b>	<b>21,262</b>	<b>0</b>	<b>0</b>
Federal-Aid	10,140	950	543	430	2,848	4,192	1,720	0	0	9,190	0	0
Special	12,991	919	299	581	3,778	5,432	2,280	0	0	12,072	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:** Added to Primary Construction Program.

**USAGE:** Accommodate current and future flight operations.

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



**PROJECT:** Master Plan and Airport Layout Plan Update for BWI Marshall Airport

**DESCRIPTION:** Develop an updated, comprehensive Airport Master Plan and Airport Layout Plan for BWI Marshall Airport following Federal Aviation Administration (FAA) guidance and airport industry best practices.

**PURPOSE & NEED SUMMARY STATEMENT:** The last full Master Plan was completed in 2011. Most of the identified early phase capital projects are completed or underway. Market, industry and socio-economic conditions have changed since 2011. This project will identify and validate the path forward for BWI Marshall to meet the growing air travel needs of the region, provide operational resiliency, and promote compatible land within the surrounding areas.

**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:** 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

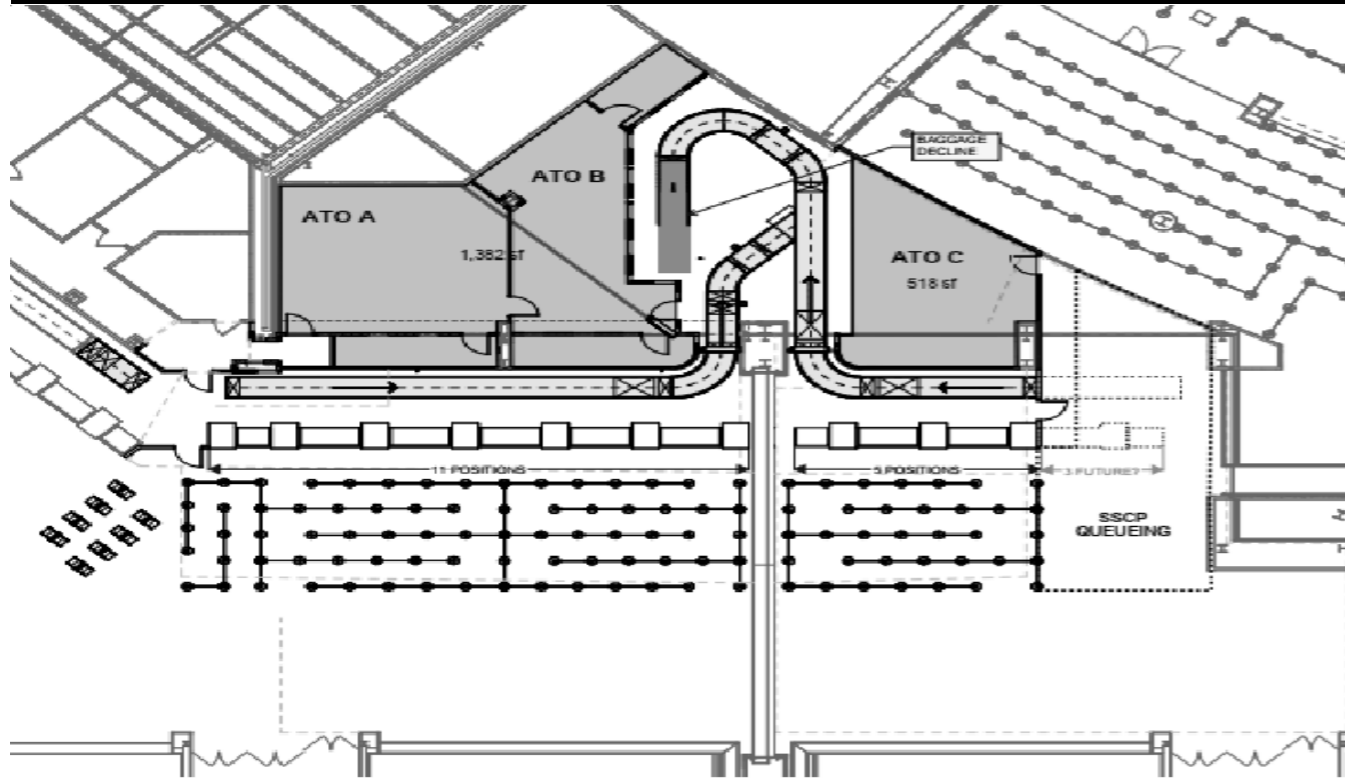
**STATUS:** Scope of work and funding coordination with the FAA is underway.

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 ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	7,066	2,066	1,800	2,500	2,500	0	0	0	0	5,000	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	0	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>7,066</b>	<b>2,066</b>	<b>1,800</b>	<b>2,500</b>	<b>2,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000</b>	<b>0</b>	
Federal-Aid	1,250	0	0	625	625	0	0	0	0	1,250	0	
Special	5,816	2,066	1,800	1,875	1,875	0	0	0	0	3,750	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Added to Primary Development & Evaluation Program.

**USAGE:** Accommodate projected annual passenger growth.

**OPERATING COST IMPACT:** N/A



**PROJECT:** Ticket Counter Expansion Program at BWI Marshall Airport

**DESCRIPTION:** This program includes ticket counter expansions for Concourse A/B and Concourse E. Concourse A/B ticket counter expansion to accommodate airline growth and new market entrants. Concourse A/B ticket counter expansion will provide a new baggage takeaway belt extension. Concourse E ticket counter expansion develops new ticket counter facilities for other airlines to relocate and expand.

**PURPOSE & NEED SUMMARY STATEMENT:** Capacity improvements are needed primarily in check-in facilities. The intent of these projects is to address passenger demand growth with facility enhancements that maximize the use of the existing facility before a major terminal expansion project would be required.

**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:** Design underway (30% complete) for Concourse E ticket counter expansion. Design for Concourse A/B ticket counter expansion expected to start in August 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL	<input 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				YEAR TOTAL	TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				2024	2025	2026	...2027...			...2028...
Planning	85	85	85	0	0	0	0	0	0	0	0	0
Engineering	1,866	593	511	1,274	0	0	0	0	0	1,274	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	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,951</b>	<b>678</b>	<b>596</b>	<b>1,274</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,274</b>	<b>0</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0
Special	1,951	678	596	1,274	0	0	0	0	0	1,274	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Added to Primary Development & Evaluation Program.

**USAGE:** Accommodate projected annual passenger growth.

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





**PROJECT:** Roof Replacement Program at BWI Marshall Airport

**DESCRIPTION:** The Concourse B roof areas utilize an SBS (Styrene Butadiene Stryene) Modified Bitumen roofing system comprised of a granular cap sheet over a base sheet with underlying insulation and roof components over metal roof decking. For BWI Airport, a 20-year Expected Useful Life is appropriate for an SBS Modified Bitumen roof system, given the temperate climate of this region with four distinct seasons and adequate amounts of rain and snow and constant wetting and drying cycles throughout the year.

**PURPOSE & NEED SUMMARY STATEMENT:** The overall roof system for Concourse B varies from fair to poor condition. The portion of the roof closest to Concourse A/B is in fair condition. The remaining portion of Concourse B is in poor condition, exhibiting delamination, ponding, poor drainage, and signs of underlying moisture as evidenced in the ECS moisture study.

**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 replace aging infrastructure that supports airport operations.

- 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

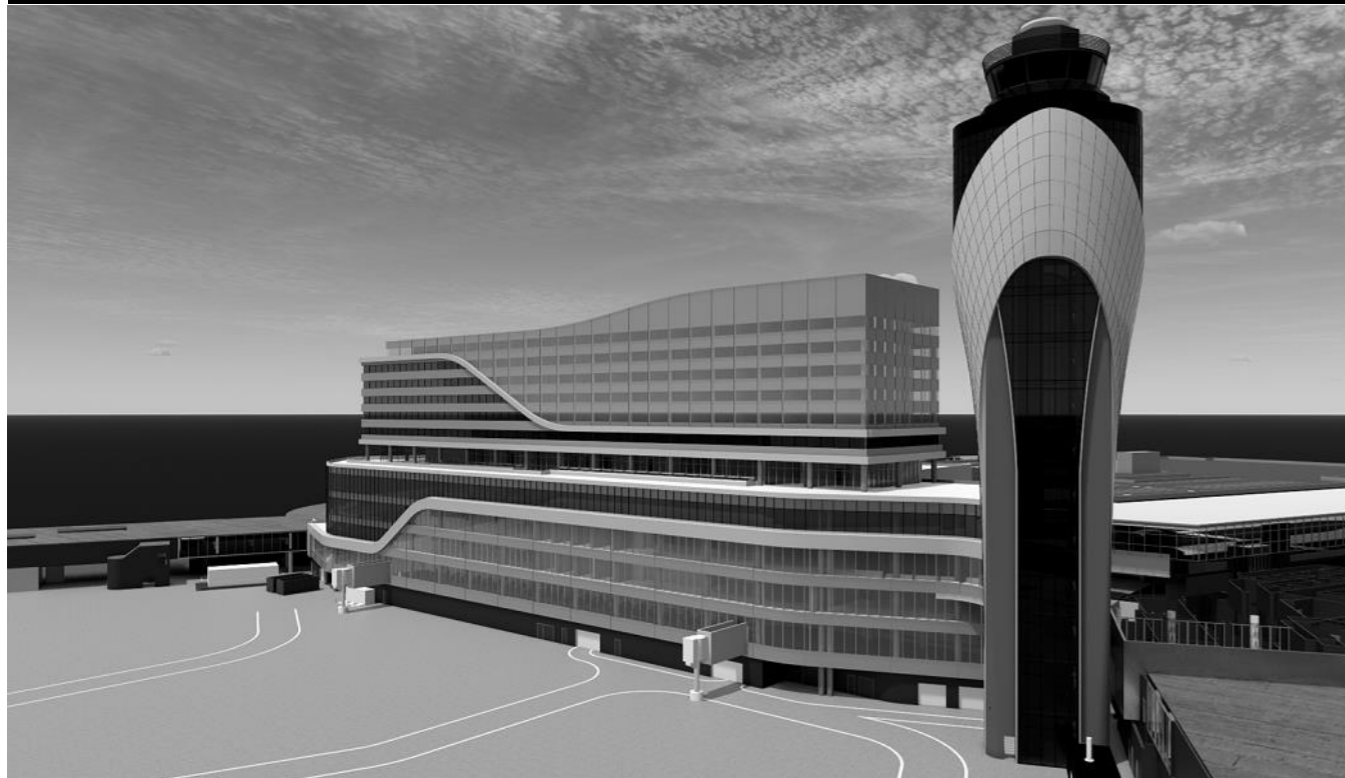
**STATUS:** Design started in June 2024.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2027...	...2028...	...2029...	...2030...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,834	471	285	1,231	132	0	0	0	0	1,363	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	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,834</b>	<b>471</b>	<b>285</b>	<b>1,231</b>	<b>132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,363</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	1,834	471	285	1,231	132	0	0	0	0	1,363	0
Other	0	0	0	0	0	0	0	0	0	0	0

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Added to Primary Development & Evaluation Program.

**USAGE:** Preservation of airport infrastructure.

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



**PROJECT:** Air Traffic Control Tower and C/D Connector at BWI Marshall Airport

**DESCRIPTION:** The "capstone" element of the 2009 BWI Terminal Modernization Plan, this project will construct the final post-security passenger connector between concourses C and D. It will also replace the existing 70+ year old Airport Traffic Control Tower (ATCT). Additional elements of the project include expanded baggage handling capability, right-sizing two passenger holdrooms, additional security screening lanes, consolidated Airport Operations Center, expanded concessions space, improved restrooms, consolidated airport and FAA operational spaces, and an in-terminal hotel.

**PURPOSE & NEED SUMMARY STATEMENT:** Provides a secure connector allowing uninhibited passenger flow between all gates and concourses while decreasing walking distances particularly for connecting passengers. Replaces an outdated ATCT that accommodates ADA access and equipment modernization while improving controller line of sight to the airfield. Provides terminal facilities and amenities to meet current and growing passenger travel demands and replaces aging infrastructure and systems some over 74 years old.

**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. 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:** Preliminary planning underway.

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 ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2024	CURRENT YEAR 2025	BUDGET YEAR 2026	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
						...2027...	...2028...	...2029...	...2030...			
Planning	2,195	1,880	378	315	0	0	0	0	0	315	0	
Engineering	1,685	1,685	148	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	0	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>3,879</b>	<b>3,565</b>	<b>526</b>	<b>315</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315</b>	<b>0</b>	
Federal-Aid	71	71	0	0	0	0	0	0	0	0	0	
Special	3,809	3,494	526	315	0	0	0	0	0	315	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

**SIGNIFICANT CHANGE FROM FY 2024 - 29 CTP:**  
Added to Primary Development & Evaluation Program.

**USAGE:** Accommodate projected annual passenger growth.

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

2216 Federal funding was CARES stimulus.

**MINOR PROJECTS PROGRAM**  
(Dollars in Thousands)

**MARYLAND AVIATION ADMINISTRATION - LINE 33**

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<b><u>Annual Fees and Inspection Program</u></b>			
MAA7000	Terminal Spaceframe Inspection	\$ 852	Ongoing
<b><u>Architecture</u></b>			
MAAPRJ000231	Architect Initiatives	\$ 564	Ongoing
<b><u>Building Permits &amp; Inspections</u></b>			
MAAPRJ000164	Building Permits and Inspections	\$ 1,043	Ongoing
<b><u>Commercial Management</u></b>			
MAAPRJ000227	Facility Condition Assessments (OCM)	\$ 2,147	Ongoing
<b><u>Consolidated Rental Car Facility</u></b>			
MAA2132	CRCF - BMF Equipment Replacement	\$ 2,093	Completed
MAAPRJ000242	CRCF - Facility Improvements	\$ 429	Design Underway
MAAPRJ000487	CRCF Electrical Infrastructure for EV	\$ 7,700	Planning Underway
MAAPRJ000509	CRCF Reallocation (RAC Approved)	\$ 3,797	Study Underway
MAAPRJ000516	CRCF Fire Alarm & Fire Suppression System (RAC Approved)	\$ 1,230	FY 2025
MAAPRJ000662	CRCF Wayfinding Signage (RAC Approved)	\$ 1,230	Design Underway
<b><u>Construction Management &amp; Inspection</u></b>			
MAAPRJ000208	Comp CMI SBR AE19-006 (Drive)	\$ 4,476	Ongoing
MAAPRJ000209	Comp CMI SBR AE19-002 (Brudis)	\$ 518	Ongoing
MAAPRJ000210	Comp CMI SBR AE19-004 (Specialized)	\$ 1,237	Ongoing
MAAPRJ000211	Comp CMI SBR AE19-005 (Mimar)	\$ 1,498	Ongoing
<b><u>Critical Technology</u></b>			
MAAPRJ000166	IT Equipment	\$ 10,118	Ongoing
MAAPRJ000225	Comprehensive AIT Master Plan SV22-002	\$ 833	Ongoing

**MINOR PROJECTS PROGRAM**  
(Dollars in Thousands)

**MARYLAND AVIATION ADMINISTRATION - LINE 33**

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<b><u>Critical Technology</u></b>			
MAAPRJ000281	PARCS Maintenance	\$ 1,607	Underway
MAAPRJ000514	Hand Held radio replacement	\$ 3,306	Completed
MAAPRJ000515	Radio System Replacement	\$ 4,250	Underway
MAAPRJ000518	Emergency Dispatch CAD	\$ 1,407	Underway
<b><u>Critical Utility</u></b>			
MAAPRJ000415	Airfield Lighting Cable Replacement	\$ 5,199	Design Underway
MAAPRJ000477	Fire Sprinklers for Fleet Maintenance Bldg 137	\$ 84	Design Underway
MAAPRJ000508	Bldgs 129 and 111 Code Compliance and Renovations	\$ 400	Design Underway
MAAPRJ000539	CUP Cooling Tower Refurbishment	\$ 478	Design Underway
MAAPRJ000540	Remediation of Swaying Domestic Water Pipes	\$ 665	Design Underway
<b><u>D/E Connector</u></b>			
MAAPRJ000371	Concourse D/E Connector Patio Roof Leak Repair	\$ 516	Design Underway
<b><u>Engineering Program Support</u></b>			
MAAPRJ000538	Construction Management Software	\$ 518	Underway
MAAPRJ000694	Environmental, Social, Governance (ESG) Strategy and Reporting	\$ 67	-
<b><u>Environmental Compliance</u></b>			
MAAPRJ000199	Comp Environmental Compliance SV20-007	\$ 9,549	Ongoing
MAAPRJ000222	Terminal Environmental Mitigation MC21-006	\$ 341	Ongoing
MAAPRJ000523	eGSE Charging	\$ 67	-
<b><u>Environmental Planning</u></b>			
MAAPRJ000195	Comp Environmental Planning AE-21-001	\$ 2,550	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	\$ 6,533	Design Underway

**MINOR PROJECTS PROGRAM**  
(Dollars in Thousands)

**MARYLAND AVIATION ADMINISTRATION - LINE 33**

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<b><u>Environmental Planning</u></b>			
MAAPRJ000453	MTN Decarbonization Study	\$ 300	Study Underway
MAAPRJ000454	BWI Decarbonization Study	\$ 1,271	Study Underway
MAAPRJ000478	Solar Feasibility	\$ 139	Study Underway
<b><u>Future Development</u></b>			
MAA2044	Airport Road Electronic Signage Repl	\$ 993	Deferred
MAA2354	Concourse D/E Ambiance	\$ 63	Underway
MAAPRJ000309	Erosion Repairs FY 2023	\$ 372	Design Underway
<b><u>GIS</u></b>			
MAA2040	Airport Project Administration System (AirPass)	\$ 2,664	Underway
MAA2079	Security and Life Safety Systems CAD Update	\$ 1,290	Ongoing
MAA2222	MDOT Asset Management	\$ 2,650	Underway
MAA7600	Facility Management Program	\$ 2,576	Ongoing
<b><u>Information Technology CTIPP</u></b>			
MAA7405	Permanent Noise Monitoring System	\$ 2,200	Ongoing
MAAPRJ000479	IT Studies	\$ 385	Study Underway
MAAPRJ000522	Daily Garage Parking Guidance System Replacement	\$ 300	Design Underway
MAAPRJ000524	Innovation Master Plan	\$ 835	Underway
MAAPRJ000526	MTN CCTV Replacement	\$ 300	Underway
<b><u>Misc Office Support</u></b>			
MAA2311	Safety Management Support	\$ 621	Underway
<b><u>MTN Facilities</u></b>			
MAA9431	MTN Tree Obstruction Removal	\$ 2,991	Study Underway
MAAPRJ000444	MTN Airport Catenary Lowering - Amtrak Design Agreement	\$ 319	Design Underway
MAAPRJ000661	MTN Access Control Upgrade	\$ 550	Underway

**MINOR PROJECTS PROGRAM**  
(Dollars in Thousands)

**MARYLAND AVIATION ADMINISTRATION - LINE 33**

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<b><u>MTN Facilities</u></b>			
MAAPRJ000695	MTN Sanitary Sewage Discharge	\$ 56	-
<b><u>Noise Support</u></b>			
MAA2307	BWI Part 150 / Airport Noise Zone Update	\$ 2,834	Underway
MAA2309	BWI Community Roundtable	\$ 950	Ongoing
MAA2318	Comp Acoustical Services Contract SV 19-001	\$ 2,456	Ongoing
<b><u>Operating Facilities</u></b>			
MAA1931	Hourly Garage Parking Guidance System Replacement	\$ 4,204	Under Construction
MAAPRJ000250	ARFF Heating and Vehicle Exhaust Systems Replacement	\$ 1,577	Under Construction
MAAPRJ000338	ARFF Kitchen	\$ 805	Design Underway
MAAPRJ000418	BWI ATCT Refurbishment	\$ 547	Planning Underway
MAAPRJ000438	Additional Runway Deicing Tank Loading Facility	\$ 33	Design Completed
MAAPRJ000541	Grounds Maintenance Building Rehab Study	\$ 200	Study Underway
MAAPRJ000653	BWI FRD Third Party Active 911 Responder Application	\$ 15	Underway
MAAPRJ000654	BWI FRD & BWI Dispatch Westnet Computer Aid Dispatch (CAD) System	\$ 100	Underway
MAAPRJ000667	BWI Parking Facility Repairs	\$ 1,250	Design Underway
<b><u>Pavement Mgmt - BWI Airside</u></b>			
MAAPRJ000341	Expand Group V Aircraft Parking Position (Convert Manager's Lot)	\$ 4,516	Design Underway
MAAPRJ000441	Cargo Ramp ACC Reconstruction	\$ 6,935	Study Underway
<b><u>Pavement Mgmt -BWI Landside</u></b>			
MAAPRJ000155	Long Term Lot B Pavement Rehab	\$ 4,330	Under Construction
MAAPRJ000255	Pedestrian Walkway Joint Repairs	\$ 1,001	Completed
MAAPRJ000366	Comprehensive Paving Improvements CO22-005	\$ 4,325	Ongoing
MAAPRJ000404	North Cargo Pavement Mill and Overlay	\$ 9,215	Design Underway

**MINOR PROJECTS PROGRAM**  
(Dollars in Thousands)

**MARYLAND AVIATION ADMINISTRATION - LINE 33**

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<b><u>Planning</u></b>			
MAA2193	FIS Hall Reconfiguration	\$ 354	Study Underway
MAAPRJ000167	Regional Air Passenger Survey	\$ 132	Ongoing
MAAPRJ000310	Roadway & Curbside Capacity Analysis	\$ 500	Planning Underway
<b><u>Pre-Construction Project Env, Plan, Eng</u></b>			
MAA1943	Pavement Management Plan - BWI/MTN	\$ 4,419	Ongoing
MAA1959	BWI Aerial Photogrammetry & Airspace Analysis	\$ 706	Ongoing
<b><u>Real Estate Services</u></b>			
MAA7018	Real Estate Property Services	\$ 679	Ongoing
MAA7810	10-01 RPZ Property Acquisition	\$ 1,701	Underway
MAAPRJ000163	Real Estate Services SV-20-006	\$ 560	Underway
<b><u>Regional Aviation</u></b>			
MAAPRJ000181	MD Aviation System Plan Update	\$ 346	Underway
<b><u>Security</u></b>			
MAA2345	MTN AOA Fence Upgrade	\$ 2,078	Under Construction
MAAPRJ000374	Integrated Airport Security System (IASS) Replacement - Ph 1	\$ 4,800	Underway
<b><u>Taxiway F</u></b>			
MAAPRJ000443	Taxiway F Relocation - Phase 2 (Wetland)	\$ 1,200	Design Underway
<b><u>Tenant Facilities</u></b>			
MAA7500	Terminal Leasehold Modifications	\$ 2,624	Ongoing

**MINOR PROJECTS PROGRAM**  
(Dollars in Thousands)

**MARYLAND AVIATION ADMINISTRATION - LINE 33**

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<b><u>Terminal Facilities</u></b>			
MAAPRJ000270	PC Air and 400Hz Electrical Equipment Installation at Four Gates	\$ 2,066	Completed
MAAPRJ000279	Checkpoint D/E Expansion	\$ 7,261	Design Underway
MAAPRJ000480	Landside Trash Compactor	\$ 850	Design Underway
MAAPRJ000517	Concourse B Roof Replacement	\$ -	Design Underway
<b><u>Vehicles and Equipment</u></b>			
MAA2053	Operating Vehicles	\$ 5,585	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