

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND AVIATION ADMINISTRATION

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

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>SIX - YEAR TOTAL</u>
<u>Major Construction Program</u>	124.4	180.2	219.8	119.5	35.8	1.8	681.4
System Preservation	53.5	64.0	41.7	6.7	-	-	165.9
Expansion/Efficiency	68.2	113.7	175.6	111.0	34.0	-	502.5
Safety & Security	0.0	-	-	-	-	-	0.0
Local Funding	2.7	2.5	2.5	1.8	1.8	1.8	13.0
<u>Major Development & Evaluation Program</u>	0.3	0.0	-	-	-	-	0.3
Expansion/Efficiency	0.0	-	-	-	-	-	0.0
Environment	0.3	0.0	-	-	-	-	0.3
<u>Minor Program</u>	50.3	35.3	22.1	14.8	17.0	34.3	173.7
System Preservation	30.4	16.1	15.3	10.7	11.5	34.3	118.3
Expansion/Efficiency	10.1	1.0	1.1	-	0.1	-	12.2
Safety & Security	3.4	12.7	1.7	0.6	0.8	-	19.3
Environment	3.0	2.2	2.3	1.7	2.3	-	11.5
Administration	3.3	3.3	1.8	1.8	2.3	-	12.4
<u>Capital Salaries, Wages & Other Costs</u>	6.4	6.5	7.0	7.0	7.0	7.0	40.9
TOTAL	181.4	221.9	248.9	141.3	59.8	43.1	896.4
Special Funds	77.9	67.6	59.7	18.7	20.9	38.2	282.9
Federal Funds	22.6	21.6	21.9	10.3	4.9	4.9	86.1
Other Funds	80.9	132.7	167.3	112.3	34.0	-	527.3



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 5 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 35 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 19 projects under construction and the FY22 grants are expected to be awarded through the 2nd quarter of FY22.

POTENTIAL FUNDING SOURCE:

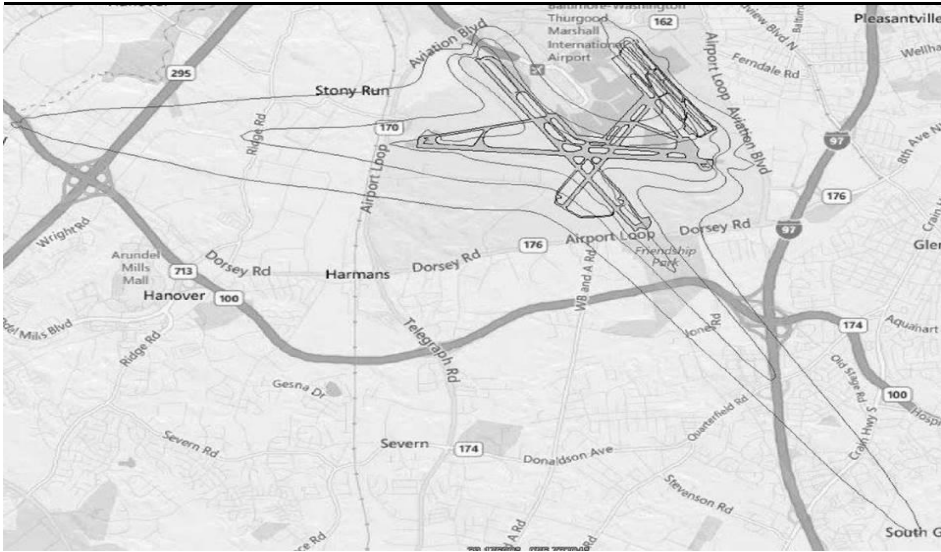
☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL		PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	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	229	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	76,674	63,712	2,411	2,662	2,450	2,450	1,800	1,800	1,800	12,962	0
Total	76,903	63,941	2,640	2,662	2,450	2,450	1,800	1,800	1,800	12,962	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	76,903	63,941	2,640	2,662	2,450	2,450	1,800	1,800	1,800	12,962	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: Funding increase of \$4.4M due to restoring funding cut and adding FY27 funds.

USAGE:

OPERATING COST IMPACT:

**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 corridor. 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 NEM contours 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:

- | | |
|----------------------------------------------------------------------|--------------------------------------------------------------|
| <input type="checkbox"/> Safe, Secure, and Resilient | <input type="checkbox"/> Quality & Efficiency |
| <input type="checkbox"/> Maintain & Modernize | <input checked="" type="checkbox"/> Environmental Protection |
| <input type="checkbox"/> Economic Opportunity & Reduce Congestion | <input type="checkbox"/> Fiscal Responsibility |
| <input type="checkbox"/> Better Transportation Choices & Connections | |

SMART GROWTH STATUS: ☐ Project Not Location Specific ☐ Not Subject to PFA Law

- | | |
|----------------------------------------------------------|-----------------------------------------------------|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

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

STATUS: Five year program manager contract awarded January 2020. Two Federal AIP grants received to date for initial program implementation and design of a portion of eligible residences. Additional design/construction phases and corresponding funding requests from the AIP Noise and Environmental Set Aside will be pursued.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,024	299	266	169	805	1,213	539	0	0	2,725	0
Right-of-way	365	0	0	365	0	0	0	0	0	365	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	31,024	0	0	1,831	9,175	13,857	6,161	0	0	31,024	0
Total	34,413	299	266	2,365	9,980	15,069	6,700	0	0	34,114	0
Federal-Aid	27,627	266	266	1,966	7,980	12,055	5,360	0	0	27,362	0
Special	0	0	0	0	0	0	0	0	0	0	0
Other	6,786	33	0	398	2,000	3,014	1,340	0	0	6,752	0

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

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
None.

USAGE:

OPERATING COST IMPACT:



PROJECT: Shuttle Bus Service Fleet Replacement at BWI Marshall Airport

DESCRIPTION: This project will purchase twenty five 40-foot and fifteen 60-foot buses to be powered by clean diesel and eight electric buses for shuttle services to and from airport operated parking facilities and the Amtrak BWI Rail Station. Electrical charging infrastructure is part of the project scope.

PURPOSE & NEED SUMMARY STATEMENT: The current fleet of 49 buses was purchased in 2004 and have passed 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:

<input type="checkbox"/>	Safe, Secure, and Resilient	<input checked="" type="checkbox"/>	Quality & Efficiency
<input checked="" type="checkbox"/>	Maintain & Modernize	<input checked="" type="checkbox"/>	Environmental Protection
<input type="checkbox"/>	Economic Opportunity & Reduce Congestion	<input type="checkbox"/>	Fiscal Responsibility
<input type="checkbox"/>	Better Transportation Choices & Connections		

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 State economy.

SMART GROWTH STATUS:	<input type="checkbox"/> Project Not Location Specific	<input type="checkbox"/> Not Subject to PFA Law
<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered	
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required	
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> Exception Granted	

STATUS: Forty clean diesel buses in passenger service in 2019. Purchasing eight electric buses and charging infrastructure in Spring 2022. Anticipated delivery FY 2023.

POTENTIAL FUNDING SOURCE:						<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE		
Planning	0	0	0	0	0	0	0	0	0	0	0		
Engineering	238	0	0	238	0	0	0	0	0	238	0		
Right-of-way	0	0	0	0	0	0	0	0	0	0	0		
Utilities	0	0	0	0	0	0	0	0	0	0	0		
Construction	41,048	24,827	0	9,121	7,100	0	0	0	0	16,221	0		
Total	41,286	24,827	0	9,359	7,100	0	0	0	0	16,459	0		
Federal-Aid	95	95	0	0	0	0	0	0	0	0	0		
Special	3,959	0	0	3,109	850	0	0	0	0	3,959	0		
Other	37,232	24,732	0	6,250	6,250	0	0	0	0	12,500	0		

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

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$3.9M added to the project to reflect additional funds for charging infrastructure and the State match for the buses.

USAGE: Approximately 5.9 million public parking riders annually (pre-COVID).

OPERATING COST IMPACT: Costs will be recovered thru airport user fees.



PROJECT: Midfield Cargo Area Improvements at BWI Marshall Airport

DESCRIPTION: This project consists of improvements to the Midfield Cargo Complex facilities, expansion of apron and taxiway, aircraft parking positions. Improvements include vehicle service road, expansion for new pavement, security enhancements, building modifications, apron pavement rehabilitation, additional aircraft parking positions, overlay and extension of Taxiway Z, and tenant relocation costs.

PURPOSE & NEED SUMMARY STATEMENT: These improvements will provide additional facility and apron space for expanded cargo operations, and preserves the existing airfield pavement to minimize aircraft exposure to Foreign Object Debris (FOD).

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

- | | |
|------------------------------------------------------------------------------|---------------------------------------------------|
| <input checked="" type="checkbox"/> Safe, Secure, and Resilient | <input type="checkbox"/> Quality & Efficiency |
| <input checked="" type="checkbox"/> Maintain & Modernize | <input type="checkbox"/> Environmental Protection |
| <input checked="" type="checkbox"/> Economic Opportunity & Reduce Congestion | <input type="checkbox"/> Fiscal Responsibility |
| <input type="checkbox"/> Better Transportation Choices & Connections | |

SMART GROWTH STATUS: ☐ Project Not Location Specific ☐ Not Subject to PFA Law

- | | |
|----------------------------------------------------------|-----------------------------------------------------|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

EXPLANATION: This project provides compliance with FAA Part 139 regulations. Pavement and deicing improvements, new aircraft parking positions, taxiway modifications, and FAA standards ensure airfield pavement and safety is maximized. The expansion of BWI Marshall Airport cargo operations supports the movement of people, goods and State economy.

STATUS: Project complete and open to use August 2021.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL		PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED	EXPENDED				...2024...	...2025...	...2026...	...2027...		
	COST	THRU									
	(\$000)	CLOSE YEAR									
Planning	219	219	0	0	0	0	0	0	0	0	
Engineering	1,952	1,902	74	50	0	0	0	0	0	50	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	31,344	30,899	876	445	0	0	0	0	0	445	0
Total	33,515	33,020	950	495	0	0	0	0	0	495	0
Federal-Aid	12,351	12,348	29	4	0	0	0	0	0	4	0
Special	21,164	20,672	921	491	0	0	0	0	0	491	0
Other	0	0	0	0	0	0	0	0	0	0	0

2195, 2203, 2213, 2223

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
None.

USAGE: Accommodate expanded cargo operations.

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



PROJECT: Concourse A Improvements Phase 2 at BWI Marshall Airport

DESCRIPTION: This project represents the second phase of improvements envisioned during the original Concourse A/B Expansion. The project adds 5 gates sized for B737-800 aircraft by extending the existing Concourse A approximately 234 feet to the northwest, creating a 55,000 square foot addition. The improvements include gates, restrooms, loading bridges, concessions, electrical, mechanical and storage.

PURPOSE & NEED SUMMARY STATEMENT: The project will provide holdrooms designed to ensure required capacity relative to aircraft seats to be used at the new gates for life safety, provide additional aircraft parking positions and gates to deal with capacity constraints during peak periods and provide the ability to reconfigure the existing apron level for safer, improved circulation for people and goods.

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

<input checked="" type="checkbox"/>	Safe, Secure, and Resilient	<input checked="" type="checkbox"/>	Quality & Efficiency
<input type="checkbox"/>	Maintain & Modernize	<input type="checkbox"/>	Environmental Protection
<input checked="" type="checkbox"/>	Economic Opportunity & Reduce Congestion	<input type="checkbox"/>	Fiscal Responsibility
<input type="checkbox"/>	Better Transportation Choices & Connections		

SMART GROWTH STATUS:	<input type="checkbox"/> Project Not Location Specific	<input type="checkbox"/> Not Subject to PFA Law
<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered	
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required	
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> Exception Granted	

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 State economy.

STATUS: Project complete and open to use August 2020.

POTENTIAL FUNDING SOURCE:						<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024...	...2025...	...2026...	...2027...		
Planning	15	15	0	0	0	0	0	0	0	0	0
Engineering	15,421	15,415	611	6	0	0	0	0	0	6	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	53,436	53,436	17,103	0	0	0	0	0	0	0	0
Total	68,872	68,866	17,714	6	0	0	0	0	0	6	0
Federal-Aid	1,895	1,895	1,771	0	0	0	0	0	0	0	0
Special	12,069	12,066	811	3	0	0	0	0	0	3	0
Other	54,909	54,905	15,132	4	0	0	0	0	0	4	0

9598 Other funding source is MDTA Loan and Passenger Facility Charge (PFC) revenue bonds.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
None.

USAGE: Accommodate projected annual passenger growth.

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



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, commuter 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:

<input type="checkbox"/>	Safe, Secure, and Resilient	<input checked="" type="checkbox"/>	Quality & Efficiency
<input checked="" type="checkbox"/>	Maintain & Modernize	<input type="checkbox"/>	Environmental Protection
<input type="checkbox"/>	Economic Opportunity & Reduce Congestion	<input type="checkbox"/>	Fiscal Responsibility
<input type="checkbox"/>	Better Transportation Choices & Connections		

SMART GROWTH STATUS:	<input type="checkbox"/> Project Not Location Specific	<input type="checkbox"/> Not Subject to PFA Law
<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered	
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required	
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> 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 State economy.

STATUS: Construction underway.

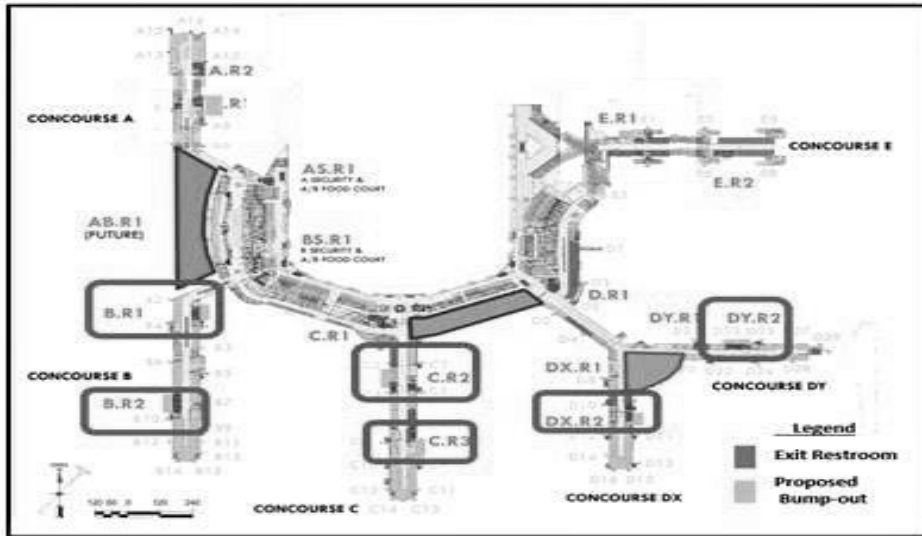
POTENTIAL FUNDING SOURCE:						<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	5,411	2,245	902	2,580	525	61	0	0	0	3,166	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	21,064	0	0	8,242	12,100	722	0	0	0	21,064	0
Total	26,475	2,245	902	10,822	12,625	783	0	0	0	24,230	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	7,192	771	235	2,850	3,571	0	0	0	0	6,421	0
Other	19,283	1,474	668	7,972	9,055	783	0	0	0	17,809	0

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

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$4.3M added to the project to capture total program cost and changes to the scope due to delays from the COVID-19 pandemic.

USAGE: Accommodate projected annual passenger growth.

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



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:

- | | |
|----------------------------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Safe, Secure, and Resilient | <input checked="" type="checkbox"/> Quality & Efficiency |
| <input checked="" type="checkbox"/> Maintain & Modernize | <input type="checkbox"/> Environmental Protection |
| <input type="checkbox"/> Economic Opportunity & Reduce Congestion | <input type="checkbox"/> Fiscal Responsibility |
| <input type="checkbox"/> Better Transportation Choices & Connections | |

- SMART GROWTH STATUS:**
- | | |
|----------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Project Not Location Specific | <input type="checkbox"/> Not Subject to PFA Law |
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> 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 State economy.

STATUS: Construction underway.

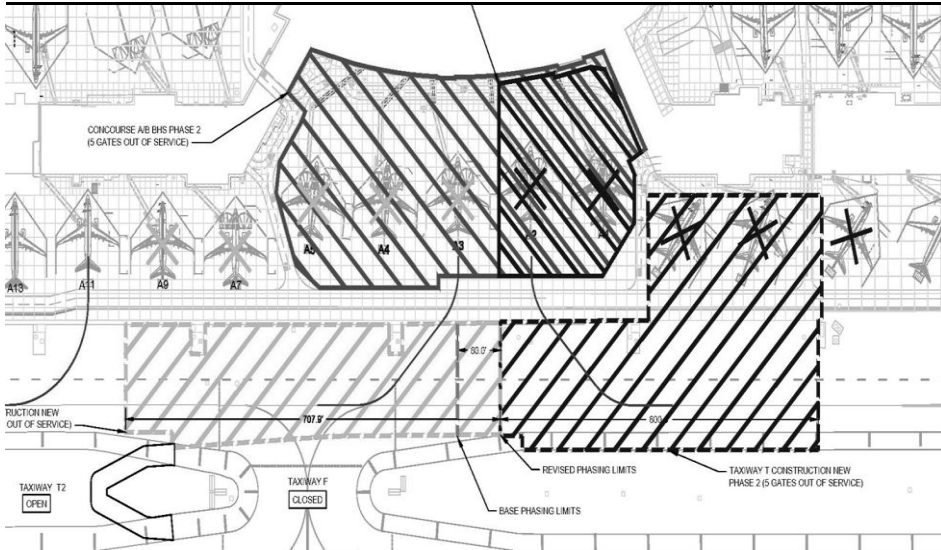
POTENTIAL FUNDING SOURCE:											
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	7,130	5,542	2,319	434	648	506	0	0	0	1,588	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	60,437	149	51	17,652	26,479	16,156	0	0	0	60,288	0
Total	67,567	5,691	2,370	18,086	27,127	16,663	0	0	0	61,876	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	515	515	0	0	0	0	0	0	0	0	0
Other	67,052	5,177	2,370	18,086	27,127	16,663	0	0	0	61,876	0

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

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$2.8M added to the project to capture total program cost and higher costs due to delays from the COVID-19 pandemic.

USAGE: Accommodate current and projected annual passenger growth.

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



PROJECT: Taxiway T Reconstruction Phase 1 at BWI Marshall Airport

DESCRIPTION: This project will reconstruct a portion of Taxiway T behind gates A7 thru B2 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 Federal Aviation Administration (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 42-64 according to the 2019 Pavement Management Plan Update. In addition, the replacement of taxiway lighting and signage will enhance safety.

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

<input checked="" type="checkbox"/>	Safe, Secure, and Resilient	<input type="checkbox"/>	Quality & Efficiency
<input checked="" type="checkbox"/>	Maintain & Modernize	<input type="checkbox"/>	Environmental Protection
<input type="checkbox"/>	Economic Opportunity & Reduce Congestion	<input type="checkbox"/>	Fiscal Responsibility
<input type="checkbox"/>	Better Transportation Choices & Connections		

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 FOD that could impact the aircraft. BWI Marshall Airport supports the movement of people, goods and State economy.

SMART GROWTH STATUS:	<input type="checkbox"/> Project Not Location Specific	<input type="checkbox"/> Not Subject to PFA Law
<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered	
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required	
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> Exception Granted	

STATUS: Project complete November 2021.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY	SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024... ...2025... ...2026... ...2027...		
Planning	0	0	0	0	0	0	0	0
Engineering	1,272	863	301	409	0	0	409	0
Right-of-way	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0
Construction	12,559	3,944	3,944	8,615	0	0	8,615	0
Total	13,832	4,807	4,245	9,024	0	0	9,024	0
Federal-Aid	11,416	3,593	3,593	7,823	0	0	7,823	0
Special	2,415	1,214	652	1,201	0	0	1,201	0
Other	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
None.

USAGE: Accommodate projected annual passenger growth.

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



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.

<input checked="" type="checkbox"/>	Safe, Secure, and Resilient	<input checked="" type="checkbox"/>	Quality & Efficiency
<input type="checkbox"/>	Maintain & Modernize	<input type="checkbox"/>	Environmental Protection
<input checked="" type="checkbox"/>	Economic Opportunity & Reduce Congestion	<input type="checkbox"/>	Fiscal Responsibility
<input type="checkbox"/>	Better Transportation Choices & Connections		

☐ Project Not Location Specific ☐ Not Subject to PFA Law

<input checked="" type="checkbox"/>	Project Inside PFA	<input type="checkbox"/>	Grandfathered
<input type="checkbox"/>	Project Outside PFA	<input type="checkbox"/>	Exception Will Be Required
<input type="checkbox"/>	PFA Status Yet to Be Determined	<input type="checkbox"/>	Exception Granted

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 State economy.

STATUS: Construction start anticipated February 2022. Projected advertisement for the Central Utility Plant upgrades is in FY23.

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 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETION
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...	...	...	...
						...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	79,204	26,675	6,706	25,786	9,921	6,672	6,850	3,300	0	52,529	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	373,696	568	536	20,428	77,660	140,200	104,100	30,740	0	373,128	0
Total	452,900	27,243	7,243	46,214	87,581	146,872	110,950	34,040	0	425,657	0
Federal-Aid	386	386	0	0	0	0	0	0	0	0	0
Special	27,514	26,858	7,243	657	0	0	0	0	0	657	0
Other	425,000	0	0	45,557	87,581	146,872	110,950	34,040	0	425,000	0

0232, 0233, 0234 Other funding source is Special Transportation Project Revenue Bonds. Federal funding is CARES stimulus.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$2.9M was added to this project due to the inclusion of the Central Utility Plant Upgrade enabling project into this PIF netted against a decreased scope change for the overall project.

USAGE: Accommodate projected annual passenger growth.

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



PROJECT: Taxiway F Relocation at BWI Marshall Airport

DESCRIPTION: Phase 1 of this project will reconstruct, in concrete, 2500 linear feet of taxiway parallel to Runway 10-28 at a proposed offset of 750 feet. The construction will include clearing, grading, paving, airfield lighting, signage and pavement marking improvements.

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:

<input checked="" type="checkbox"/> Safe, Secure, and Resilient	<input type="checkbox"/> Quality & Efficiency
<input checked="" type="checkbox"/> Maintain & Modernize	<input type="checkbox"/> Environmental Protection
<input type="checkbox"/> Economic Opportunity & Reduce Congestion	<input type="checkbox"/> Fiscal Responsibility
<input type="checkbox"/> Better Transportation Choices & Connections	

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 State economy.

SMART GROWTH STATUS:	<input type="checkbox"/> Project Not Location Specific	<input type="checkbox"/> Not Subject to PFA Law
<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered	
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required	
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> Exception Granted	

STATUS: Construction start December 2021. Federal AIP grants received.

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 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE		
						...2024...	...2025...	...2026...	...2027...				
Planning	0	0	0	0	0	0	0	0	0	0	0		
Engineering	3,375	1,090	263	1,839	445	0	0	0	0	2,284	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	18,453	4	4	7,655	7,894	2,900	0	0	0	18,449	0		
Total	21,827	1,094	267	9,495	8,339	2,900	0	0	0	20,733	0		
Federal-Aid	18,806	358	0	7,654	7,894	2,900	0	0	0	18,448	0		
Special	3,022	736	267	1,840	445	0	0	0	0	2,285	0		
Other	0	0	0	0	0	0	0	0	0	0	0		

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$15.3M added to this project for Phase 1 to include Segments 1 and 2; Phase 2 was funded for design and partial construction and Phase 3 was funded for design.

USAGE: Improve standards.

OPERATING COST IMPACT: Cost fully 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 full-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:

<input type="checkbox"/>	Safe, Secure, and Resilient	<input checked="" type="checkbox"/>	Quality & Efficiency
<input type="checkbox"/>	Maintain & Modernize	<input type="checkbox"/>	Environmental Protection
<input checked="" type="checkbox"/>	Economic Opportunity & Reduce Congestion	<input type="checkbox"/>	Fiscal Responsibility
<input type="checkbox"/>	Better Transportation Choices & Connections		

SMART GROWTH STATUS:	<input type="checkbox"/> Project Not Location Specific	<input type="checkbox"/> Not Subject to PFA Law
<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered	
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required	
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> 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 State economy.

STATUS: Construction start December 2021.

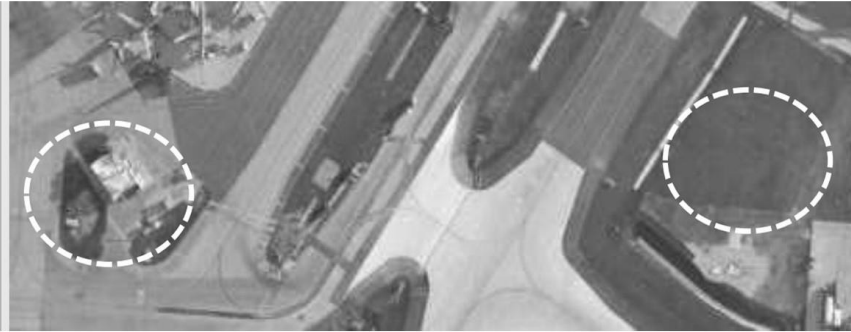
POTENTIAL FUNDING SOURCE:						<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL		PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES 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	4,984	4,230	971	754	0	0	0	0	0	754	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	49,417	1,028	14	12,380	15,051	20,958	0	0	0	48,388	0
Total	54,400	5,258	985	13,134	15,051	20,958	0	0	0	49,143	0
Federal-Aid	423	423	0	0	0	0	0	0	0	0	0
Special	53,977	4,835	985	13,134	15,051	20,958	0	0	0	49,143	0
Other	0	0	0	0	0	0	0	0	0	0	0

9720, 9721, 9722 Federal funding is CARES stimulus.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$13.3M was removed from this project due to favorable bids caused by price changes due to market volatility.

USAGE: Accommodate projected airline maintenance needs.

OPERATING COST IMPACT: Cost responsibility of airline.



PROJECT: Airfield Lighting Vault Relocation at BWI Marshall Airport

DESCRIPTION: This project will relocate the existing Airfield Lighting Vault, demolish the existing facility and convert the site to aircraft apron pavement. In addition, the demolition will allow for taxiway and apron improvements between Taxiways T and P. The building will be replaced with a dedicated facility that incorporates all new airfield lighting control and infrastructure, purpose design layout incorporating circuit resiliency by segregating portions of the airfield into different sections reducing the possibility of a single point of failure and a state of the art nitrogen inerting fire protection system.

PURPOSE & NEED SUMMARY STATEMENT: The existing facility is a repurposed fire station and does not meet the requirements of a proper Airfield Lighting Vault. The existing facility represents a potential single point of failure in a catastrophic event and the existing site constrains airfield capacity into the Concourses B-C alley. The existing regulators, power transformers, emergency power generator and fire protection system are all in need of replacement.

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

<input checked="" type="checkbox"/> Safe, Secure, and Resilient	<input type="checkbox"/> Quality & Efficiency
<input checked="" type="checkbox"/> Maintain & Modernize	<input type="checkbox"/> Environmental Protection
<input checked="" type="checkbox"/> Economic Opportunity & Reduce Congestion	<input type="checkbox"/> Fiscal Responsibility
<input type="checkbox"/> Better Transportation Choices & Connections	

SMART GROWTH STATUS: ☐ Project Not Location Specific ☐ Not Subject to PFA Law

<input checked="" type="checkbox"/> Project Inside PFA	<input type="checkbox"/> Grandfathered
<input type="checkbox"/> Project Outside PFA	<input type="checkbox"/> Exception Will Be Required
<input type="checkbox"/> PFA Status Yet to Be Determined	<input type="checkbox"/> Exception Granted

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

STATUS: Advertisement anticipated January 2022. Project contingent upon receipt of federal funding.

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 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024...	...2025...	...2026...	...2027...		
Planning	15	15	0	0	0	0	0	0	0	0	0
Engineering	2,269	1,610	801	659	0	0	0	0	0	659	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	9,800	0	0	0	4,900	4,900	0	0	0	9,800	0
Total	12,084	1,625	801	659	4,900	4,900	0	0	0	10,459	0
Federal-Aid	9,917	117	0	0	4,900	4,900	0	0	0	9,800	0
Special	2,168	1,508	801	659	0	0	0	0	0	659	0
Other	0	0	0	0	0	0	0	0	0	0	0

2196 Anticipating 100% federal grant with no State matching funds.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$2.2M was added to the project to align with receipt of anticipated Federal funding.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Cost mostly 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 system.

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

- | | |
|----------------------------------------------------------------------|---------------------------------------------------|
| <input type="checkbox"/> Safe, Secure, and Resilient | <input type="checkbox"/> Quality & Efficiency |
| <input checked="" type="checkbox"/> Maintain & Modernize | <input type="checkbox"/> Environmental Protection |
| <input type="checkbox"/> Economic Opportunity & Reduce Congestion | <input type="checkbox"/> Fiscal Responsibility |
| <input type="checkbox"/> Better Transportation Choices & Connections | |

- SMART GROWTH STATUS:**
- | | |
|----------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Project Not Location Specific | <input type="checkbox"/> Not Subject to PFA Law |
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

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

STATUS: Project currently under design. Construction anticipated to begin late 2022.

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 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2024...	...2025...	...2026...	...2027...		
Planning	14	14	0	0	0	0	0	0	0	0	0
Engineering	2,630	596	124	2,034	0	0	0	0	0	2,034	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	14,174	0	0	0	5,000	9,174	0	0	0	14,174	0
Total	16,819	610	124	2,034	5,000	9,174	0	0	0	16,209	0
Federal-Aid	58	58	0	0	0	0	0	0	0	0	0
Special	16,760	552	124	2,034	5,000	9,174	0	0	0	16,209	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: \$16.8M was added to fully fund the project in the Construction Program.

USAGE: Accommodate projected annual flight operations.

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



PROJECT: Environmental Assessment at Martin State Airport

DESCRIPTION: This project provides for the preparation of an environmental assessment of Phase 1 capital projects shown on the Airport Layout Plan (ALP) approved by the FAA in July 2011.

PURPOSE & NEED SUMMARY STATEMENT: In accordance with the National Environmental Policy Act (NEPA) and Federal Aviation Administration Order 5050.4B, Airport Environmental Handbook, MAA must determine the environmental consequences of capital project development as proposed by the Airport Layout Plan.

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: Inter-agency coordination began in 2013. Updated draft Environmental Assessment documents submitted to FAA in September 2020. Two public workshops held in March 2021. Interagency coordination on the final documentation continues into Winter 2021. Anticipated project completion and FAA determination is now early calendar year 2022.

POTENTIAL FUNDING SOURCE:						<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL		PREVIOUS YEAR 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	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	2,622	2,286	155	335	0	0	0	0	0	335	0
Engineering	3	3	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
Total	2,625	2,289	155	335	0	0	0	0	0	335	0
Federal-Aid	310	310	0	0	0	0	0	0	0	0	0
Special	2,314	1,979	155	335	0	0	0	0	0	335	0
Other	0	0	0	0	0	0	0	0	0	0	0

2010, 2011, 2012

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
None.

USAGE: Upon favorable Federal finding, several planned capital development projects will become eligible to compete for FAA Airport Improvement Program grant funding.

OPERATING COST IMPACT:

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 15

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Architecture</u>			
MAAPRJ000231	Architect Initiatives	\$ 400	Ongoing
<u>Commercial Management</u>			
MAAPRJ000227	OCM Property Condition Assessments	\$ 1,076	Ongoing
<u>Concourse A/B Connector and BHS</u>			
MAA9595	Conc A/B Enabling - Mezzanine Renov	\$ 4,225	Completed
<u>Consolidated Rental Car Facility</u>			
MAA2130	CRCF Security Improvements	\$ 1,066	Completed
MAA2132	CRCF - BMF Equipment Replacement	\$ 1,614	Under Construction
MAAPRJ000242	CRCF - Facility Improvements	\$ 236	Ongoing
<u>Construction Management & Inspection</u>			
MAAPRJ000208	Comp CMI SBR AE19-006	\$ 1,109	Ongoing
MAAPRJ000209	Comp CMI SBR AE19-002	\$ 963	Ongoing
MAAPRJ000210	Comp CMI SBR AE19-004	\$ 744	Ongoing
MAAPRJ000211	Comp CMI SBR AE19-005	\$ 1,218	Ongoing
<u>Critical Technology</u>			
MAA2199	Terminal Electronic Wayfinding Signage Ph 1-3	\$ 1,448	Completed
MAAPRJ000166	IT Equipment	\$ 11,634	Ongoing
MAAPRJ000230	International Video Wall	\$ 330	Completed
<u>D/E Connector</u>			
MAA2329	D/E Concourse Patio & Storage Room Impv	\$ 842	Completed
MAA2355	Concourse D/E Transition Ramp	\$ 149	Completed
MAA9711	D/E Connector Sterile Corridor Security Doors	\$ 543	Completed

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 15

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Elevators, Escalators, and Walkways</u>			
MAA2351	FAA ATCT Elevator Replacement	\$ 940	Completed
<u>Environmental Compliance</u>			
MAA2056	Comp Environmental Compliance SV16-001 A	\$ 4,612	Completed
MAA2084	Comp Environmental Compliance SV16-001 B	\$ 2,531	Completed
MAAPRJ000199	Comp Environmental Compliance SV20-007	\$ 2,644	Ongoing
<u>Environmental Planning</u>			
MAA2088	Wildlife Management Services	\$ 1,202	Completed
MAAPRJ000195	Comp Environmental Planning AE-21-001	\$ 2,020	Ongoing
MAAPRJ000223	Wildlife Management Services SV22-003	\$ 2,334	Ongoing
<u>Future Development</u>			
MAA2044	Airport Road Electronic Signage Repl	\$ 8,924	Design Underway
MAA2220	ALSF-2 Shelter Relocation	\$ 2,102	Design Underway
MAAPRJ000153	BWI Courtesy Phones ADA Issue	\$ 87	Study Underway
MAAPRJ000154	Terminal Upper Level Crosswalk Phase 2 - Design Only	\$ 99	Completed
MAAPRJ000172	Human Resources Interview Room - DE Only	\$ 1	Deferred
MAAPRJ000173	Building 137 Restroom Renovation - DE Only	\$ 2	Design Completed
MAAPRJ000174	Terminal Flooring - DE Only	\$ 45	Concept Study Completed
MAAPRJ000176	TSA Checkpoints BC and DE Sun Glare Study - DE Only	\$ 69	Concept Study Completed
MAAPRJ000205	Taxiway T Reconstruction Phases 2 & 3	\$ 9,800	Concepts Underway
MAAPRJ000206	Taxiway T Reconstruction Phase 1B	\$ 4,900	Concepts Underway
MAAPRJ000220	CBP Area Divider Wall	\$ 7	Deferred
MAAPRJ000236	D-E Bag Claim Expansion & MDTA Police Relocation	\$ 831	Design Underway
<u>GIS</u>			
MAA2040	Airport Project Administration System (AirPass)	\$ 3,497	Ongoing
MAA2079	Security and Life Safety Systems CAD Update	\$ 1,533	Ongoing
MAA2222	MDOT Asset Management	\$ 2,304	Underway

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 15

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>GIS</u>			
MAA7600	Facility Management Program	\$ 2,117	Ongoing
<u>Information Technology CTIPP</u>			
MAA7405	Permanent Noise Monitoring System Replacement	\$ 1,708	Completed
<u>MTN Facilities</u>			
MAA1121	MTN Air Traffic Control Tower	\$ 1,512	Concepts Underway
MAA2332	MTN Snow Equip Storage Building	\$ 2,635	Completed
MAA9431	MTN Obstruction Removal	\$ 319	Study Underway
MAAPRJ000158	MTN Amtrak Catenary Lowering	\$ 1	Study Underway
MAAPRJ000162	MTN Obstacle Action Plan	\$ 4	Study Underway
MAAPRJ000213	MTN Hangar Storm Damage Repair	\$ 1,286	Under Construction
MAAPRJ000216	MTN EQ - ATCT Radio Replacements	\$ 112	Underway
<u>Noise Support</u>			
MAA2306	MTN Airport Noise Zone	\$ 228	Completed
MAA2307	BWI Part 150 / Airport Noise Zone Update	\$ 1,806	Completed
MAA2309	BWI Community Roundtable	\$ 673	Ongoing
MAA2318	Comp Acoustical Services Contract SV 19-001	\$ 2,157	Ongoing
<u>Operating Facilities</u>			
MAA1931	Hrly Garage Parking Guidance System Upgrade	\$ 3,972	Design Underway
MAA2211	RTR Relocation	\$ 9,239	Under Construction
MAA2333	Hourly Garage Storm Water Pump Station Repl	\$ 2,417	Completed
MAA2342	Hourly Garage Level 6 Pedestrian Ramp Repair	\$ 536	Completed
MAAPRJ000224	Wind Cone	\$ 264	Under Construction
MAAPRJ000250	ARFF Heating and Vehicle Exhaust Systems Replacement	\$ 533	Design Underway

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND AVIATION ADMINISTRATION - LINE 15

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST		STATUS
<u>Pavement Mgmt - BWI Airside</u>				
MAA2356	Taxiway T2 Connector (TW F Reloc EB75)	\$	7,743	Completed
MAA2357	Taxiway T Electrical Replacement	\$	552	Completed
MAAPRJ000177	Runway 15R-33L Pavement Rehab	\$	2,046	Completed
<u>Pavement Mgmt -BWI Landside</u>				
MAA2353	Long Term Parking Lot A Culvert Rplmt	\$	1,783	Completed
MAAPRJ000155	Long Term Lot B Pavement Rehab	\$	6,885	Under Construction
<u>Planning</u>				
MAA2216	C/D Connector Study	\$	1,437	Concepts Underway
<u>Pre-Construction Project Env, Plan, Eng</u>				
MAA1943	Pavement Management Plan - BWI/MTN	\$	3,583	Ongoing
<u>Protective Land Acquisition</u>				
MAA1137	Protective Land Acquisition	\$	760	Underway
<u>Real Estate Services</u>				
MAA7810	10-01 RPZ Property Acquisition	\$	1,705	Underway
<u>Regional Aviation</u>				
MAAPRJ000181	MD Aviation System Plan Update	\$	346	Underway
<u>Security</u>				
MAA2218	Security Initiatives	\$	4,156	Ongoing
MAA2345	MTN AOA Fence Upgrade	\$	2,421	Design Underway
MAA2352	BWI AOA Fence Upgrade	\$	11,367	Design Underway

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<u>Security</u>			
MAAPRJ000171	Security Overlooks	\$ 10	Study Underway
<u>Tenant Facilities</u>			
MAA7500	Terminal Leasehold Modifications	\$ 2,594	Ongoing
MAAPRJ000207	SW Concourse A Relocation	\$ 4,955	Completed
<u>Terminal Facilities</u>			
MAA1939	BWI New Air Traffic Control Tower	\$ 1,898	Concepts Underway
MAA2335	Concourse E Existing Gate Transition Buildings	\$ 3,099	Completed
MAAPRJ000157	MAC Building Winter Bunk Houses	\$ 352	Under Construction
MAAPRJ000170	BGE Airport Feeder and Substation Upgrades	\$ 2,070	Under Construction
MAAPRJ000215	BGE Ph 1 - S Substation Transformer T1 Repl	\$ 1,097	Under Construction
MAAPRJ000219	Roll Up Door NT110R Replacement	\$ 238	Under Construction
MAAPRJ000235	Delta Ticket Counter Relocation	\$ 1,520	Design Underway
<u>Vehicles and Equipment</u>			
MAA2225	BWI Equip Replacement FY 2020	\$ 1,841	Completed
MAA2230	BWI Equip Replacement FY 2021	\$ 1,862	Underway
MAA2231	MTN Equipment Replacement FY 2021	\$ 768	Underway
MAA2232	AED Defibrillators Replacement	\$ 288	Underway
MAAPRJ000178	BWI Equipment Replacement - FY2022	\$ 1,806	Underway
MAAPRJ000179	MTN Equipment Replacement - FY2022	\$ 975	Underway
MAAPRJ000228	BWI Equip Replacement FY 2023	\$ 2,148	FY 2023
MAAPRJ000229	MTN Equip Replacement FY 2023	\$ 712	FY 2023