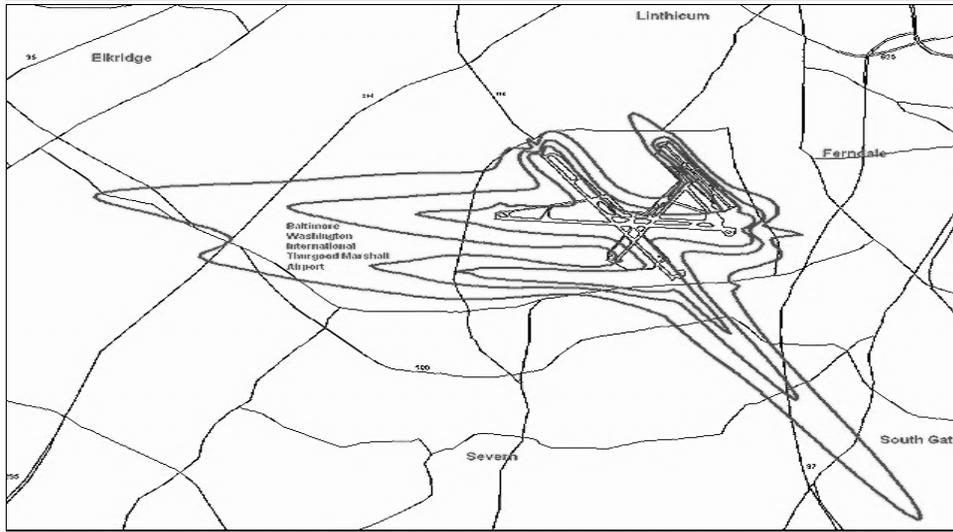


MARYLAND AVIATION ADMINISTRATION

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

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	162.5	143.6	55.6	0.9	0.9	0.9	364.6
System Preservation Minor Projects	70.7	44.7	29.5	28.6	27.1	33.5	234.2
<u>Development & Evaluation Program</u>							
	1.8	0.9	-	-	-	-	2.7
SUBTOTAL	235.0	189.2	85.2	29.5	28.1	34.4	601.4
<u>Capital Salaries, Wages & Other Costs</u>							
	6.5	6.9	6.1	6.1	6.1	6.1	37.8
TOTAL	241.5	196.1	91.3	35.6	34.2	40.5	639.2
Special Funds	132.9	115.0	85.3	29.6	29.9	36.2	429.0
Federal Funds	22.3	5.5	4.3	4.3	4.3	4.3	44.9
Other Funding *	86.2	75.6	1.7	1.7	-	-	165.3
<u>Other Funding Breakdown*</u>							
CFC	2.4	2.7	-	-	-	-	5.2
PFC	43.2	72.9	1.7	1.7	-	-	119.5
PFC Bond	40.1	-	-	-	-	-	40.1
TSAOTA	0.5	-	-	-	-	-	0.5
	86.2	75.6	1.7	1.7	-	-	165.3



PROJECT: Homeowner Assistance Program

DESCRIPTION: This voluntary program provides for the mitigation of aircraft noise and improvement of land-use compatibility around BWI Marshall. Homeowners may elect to either sell their home, with the State ensuring a fair market value, or have their house soundproofed to reduce interior noise levels. The State receives an avigation easement for each participating property.

PURPOSE & NEED SUMMARY STATEMENT: This program enhances the environment of neighboring communities by providing noise mitigation for homeowners residing within the BWI Marshall Airport Noise Zone starting with the most severely impacted communities.

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

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

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

ASSOCIATED IMPROVEMENTS:

None.

EXPLANATION: This program enhances the environment of neighboring communities by providing homeowner noise mitigation for people living within designated noise zones near BWI Marshall.

STATUS: MAA has participated in the soundproofing of 676 properties and sales assistance for 113 homes through FY 2015.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	460	442	3	3	3	3	3	3	18	0	
Right-of-way	28,115	22,496	937	937	937	936	936	936	5,619	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	28,575	22,938	940	940	940	939	939	939	5,637	0	
Federal-Aid	16,052	11,372	780	780	780	780	780	780	4,680	0	

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project delayed from FY 2015 to FY 2016 pending FAA approval of updated noise maps.



PROJECT: Runway Safety Area, Standards and Pavement Improvements Phase 2 at BWI Marshall

DESCRIPTION: The project represents the second phase of the Runway Safety Area (RSA), Standards Compliance and Pavement Management Program (PMP) Improvements. This project consists of the design and construction of the Runway 10-28 RSA compliance, standards and PMP improvements to meet Federal Aviation Administration (FAA) standards. Runway improvements will include grading, pavement rehabilitation, pavement markings, and lighting relocation, as well as, connecting taxiways, and property acquisitions.

PURPOSE & NEED SUMMARY STATEMENT: FAA mandates compliance with Runway Safety Area standards by December 2015, in addition, FAR 14 CFR Part 139.305 requires MAA to keep airfield pavement free of cracks and surface variations that could impair directional control of air carrier aircraft. The proposed work will allow MAA to meet the RSA mandate and address Pavement Condition Index ratings of fair or lower. This project will preserve existing airfield capacity by ensuring the continued long-term use of runways, aprons, taxiways and taxilanes located at the busiest areas of airfield operations and minimize the exposure of aircraft to Foreign Object Debris (FOD).

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

ASSOCIATED IMPROVEMENTS:

Runway Safety Area, Standards and Pavement Improvements Phase 3 at BWI Marshall -- Line 3.
 Runway Safety Area, Standards and Pavement Improvements Phase 4 at BWI Marshall -- Line 4.

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

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. RSA improvements enhance safety by reducing the risk of aircraft damage and personal injury in the event of runway overruns. Pavement improvements and FAA standards ensure airfield pavement is free of cracks and surface variations that could impair directional control of the aircraft. BWI Marshall supports the movement of people, goods and State economy.

STATUS: Runway 10-28 RSA compliant and pavement rehabilitation complete August 2013. Amtrak obstructions modifications, property acquisitions, Runway 10-28 NAVAIDS and a portion of Taxiway C will continue into 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost increase of \$1.5 results from bid prices for additional conduit replacement requested by FAA.

USAGE: Accommodate projected annual passenger growth.

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

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)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	147	147	0	0	0	0	0	0	0	0	
Engineering	11,001	10,414	587	0	0	0	0	0	587	0	
Right-of-way	503	8	495	0	0	0	0	0	495	0	
Construction	60,730	44,892	14,455	1,383	0	0	0	0	15,838	0	
Total	72,381	55,461	15,537	1,383	0	0	0	0	16,920	0	
Federal-Aid	22,066	19,955	2,111	0	0	0	0	0	2,111	0	

Other funding sources are Passenger Facility Charge (PFC) revenue and revenue bonds supported by PFC revenue. 7805, 7806, 7807, 7808, 7809, 7810, 7813, 7865, 7866



PROJECT: Runway Safety Area, Standards and Pavement Improvements Phase 3 at BWI Marshall

DESCRIPTION: This project consists of the design and construction of the Runway Safety Area (RSA), and Pavement Management Program (PMP) improvements, other Facility Airport Layout Plan (ALP) improvements, and airfield pavement reconstruction to meet Federal Aviation Administration (FAA) standards. Improvements will include Runway 15R-33L, as well as, connecting taxiways, taxilanes, and adjacent deicing pads.

PURPOSE & NEED SUMMARY STATEMENT: FAA mandates compliance with Runway Safety Area standards by December 2015, in addition, FAR 14 CFR Part 139.305 requires MAA to keep airfield pavement free of cracks and surface variations that could impair directional control of air carrier aircraft. The proposed work will allow MAA to meet the RSA mandate and address Pavement Condition Index ratings of fair or lower. This project will preserve existing airfield capacity by ensuring the continued long-term use of runways, aprons, taxiways and taxilanes located at the busiest areas of airfield operations and minimize the exposure of aircraft to Foreign Object Debris (FOD).

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

ASSOCIATED IMPROVEMENTS:

- Runway Safety Area, Standards and Pavement Improvements Phase 2 at BWI Marshall -- Line 2.
- Runway Safety Area, Standards and Pavement Improvements Phase 4 at BWI Marshall -- Line 4.

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

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. RSA improvements enhance safety by reducing the risk of aircraft damage and personal injury in the event of runway overruns. Pavement improvements and FAA standards ensure airfield pavement is free of cracks and surface variations that could impair directional control of the aircraft. BWI Marshall supports the movement of people, goods and State economy.

STATUS: RSA compliant and pavement rehabilitation complete in Summer 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost decrease of \$1.1 million due to cost savings.

USAGE: Accommodate projected annual passenger growth.

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

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)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	146	77	69	0	0	0	0	0	69	0	
Engineering	27,866	26,740	977	149	0	0	0	0	1,126	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	123,601	119,275	4,326	0	0	0	0	0	4,326	0	
Total	151,613	146,092	5,372	149	0	0	0	0	5,521	0	
Federal-Aid	41,193	40,789	404	0	0	0	0	0	404	0	

Other funding sources are Passenger Facility Charge (PFC) revenue and revenue bonds supported by PFC revenue.

7731, 7743, 7755, 7769, 7811, 7812, 7815, 7816, 7817, 7818, 7819, 7820, 7821, 7826, 7827, 9800



PROJECT: Runway Safety Area, Standards and Pavement Improvements Phase 4 at BWI Marshall

DESCRIPTION: This project consists of the design and construction of the Pavement Management Program (PMP) improvements, other Facility Airport Layout Plan (ALP) improvements, and airfield pavement reconstruction to meet Federal Aviation Administration (FAA) standards. Improvements will include Runway 15L-33R, as well as, new exit taxiways, taxilanes, and a dual parallel taxiway around the terminal.

PURPOSE & NEED SUMMARY STATEMENT: FAA mandates compliance with Runway Safety Area standards by December 2015, in addition, FAR 14 CFR Part 139.305 requires MAA to keep airfield pavement free of cracks and surface variations that could impair directional control of air carrier aircraft. The proposed work will allow MAA to meet the RSA mandate and address Pavement Condition Index ratings of fair or lower. This project will preserve existing airfield capacity by ensuring the continued long-term use of runways, aprons, taxiways and taxilanes located at the busiest areas of airfield operations and minimize the exposure of aircraft to Foreign Object Debris (FOD).

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

ASSOCIATED IMPROVEMENTS:

Runway Safety Area, Standards and Pavement Improvements Phase 2 at BWI Marshall -- Line 2.
 Runway Safety Area, Standards and Pavement Improvements Phase 3 at BWI Marshall -- Line 3.

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

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project provides for compliance with Public Law 109-115 and FAA Part 139 regulations. RSA improvements enhance safety by reducing the risk of aircraft damage and personal injury in the event of runway overruns. Pavement improvements and FAA standards ensure airfield pavement is free of cracks and surface variations that could impair directional control of the aircraft. BWI Marshall supports the movement of people, goods and State economy.

STATUS: Runway 15L-33R RSA compliant Summer 2015. Conversion of Runway 4-22 into new Taxiway P construction began February 2015 and will complete in Spring 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost decrease of \$4.3 million resulting from Airfield Standards and Pavement Rehabilitation Project bid.

USAGE: Accommodate projected annual passenger growth.

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

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		YEAR	TO COMPLETE
Planning	146	77	69	0	0	0	0	0	0	69	0
Engineering	8,898	8,135	763	0	0	0	0	0	0	763	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	104,610	27,191	48,054	29,365	0	0	0	0	0	77,419	0
Total	113,654	35,403	48,886	29,365	0	0	0	0	0	78,251	0
Federal-Aid	30,437	9,751	17,969	2,717	0	0	0	0	0	20,686	0

Other funding sources are Passenger Facility Charge (PFC) revenue and revenue bonds supported by PFC revenue. 7726, 7836, 7837, 7846, 7847, 7855, 7856, 7857



PROJECT: D/E Connector at BWI Marshall Airport

DESCRIPTION: The terminal improvements in this project include the relocation and consolidation of the Concourses D and E passenger screening checkpoints, the addition of a secure-side connector between Concourses D and E, new holdrooms and gates with immigration access, the conversion of the existing Concourse D and E entrances into egress space, baggage screening improvements, and improved passenger amenities.

PURPOSE & NEED SUMMARY STATEMENT: The project will significantly reduce congestion in the passenger security screening checkpoints, bring existing terminal facilities in compliance with current fire/life safety codes, enhance baggage handling capacity, and provide passengers with ease of movement between concourses without the need to exit and return through security.

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

ASSOCIATED IMPROVEMENTS:
None.

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

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: Passenger ease of movement and security is a primary focus of the airport. These improvements provide the flexibility and capacity to rebalance security screening needs between Concourses D and E, as well as capacity for new international or expanding airline service by eliminating aircraft restrictions due to current holdroom sizes. Brings concourses up to current fire/life safety codes. BWI Marshall supports the movement of people, goods and State economy.

STATUS: Enabling projects completed in FY 2015. Construction began February 2015 with schedule completion of April 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost increase of \$11.1 million is the result of higher than expected bids.

USAGE: Accommodate projected annual passenger growth.

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

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	462	462	0	0	0	0	0	0	0	0	0
Engineering	14,679	14,173	506	0	0	0	0	0	0	506	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	122,266	18,037	47,180	57,049	0	0	0	0	0	104,229	0
Total	137,407	32,672	47,686	57,049	0	0	0	0	0	104,735	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

Other funding sources are Passenger Facility Charge (PFC) revenue and revenue bonds supported by PFC revenue. 2007, 2009, 9702, 9703, 9704, 9705, 9706



PROJECT: Parking Revenue Control System at BWI Marshall Airport

DESCRIPTION: The project provides for the replacement of the existing parking system that tracks revenues and parking lot usage for management of the facilities and issues tickets to patrons using the various surface and garage facilities. The new system will bring the latest parking technology including varying payment and ticket options to each of the two garages and surface lots.

PURPOSE & NEED SUMMARY STATEMENT: A reliable system is an inherent necessity to efficiently monitor and control revenue in a parking operation. The end of life age of the current system infrastructure, need for dependable revenue control, and the availability of cost efficient new technologies will help safeguard BWI Marshall's largest revenue generator.

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

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input checked="" type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Replacement of the aged parking revenue system provides ease of access and enhanced payment options for airport users. An updated parking system will improve space management, provide for flexible pricing and enhance financial reporting. BWI Marshall supports the movement of people, goods and State economy.

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 |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Project complete December 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

USAGE: Accommodate projected annual passenger growth.

OPERATING COST IMPACT: Operating cost will be recovered through parking revenues.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018....2019....			....2020....	....2021....
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,320	1,152	168	0	0	0	0	0	168	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	8,483	5,451	3,032	0	0	0	0	0	3,032	0
Total	9,803	6,603	3,200	0	0	0	0	0	3,200	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Loading Bridge Replacement Program at BWI Marshall Airport

DESCRIPTION: This project consists of the purchase and installation of 13 new passenger loading bridges. All new passenger loading bridges on international common use gates are being equipped with PCAir, 400 HZ power units and bag slides. A Federal Airport Improvement Program Voluntary Airport Low Emissions (VALE) grant was received for the purchase and installation of the PCAir and 400 HZ power units.

PURPOSE & NEED SUMMARY STATEMENT: These passenger loading bridges are designated as replacements of existing loading bridges which have reached or exceeded their useful life, as well as those required for ongoing capital improvements. The replacement of the loading bridges is essential to supporting the safe movement of passengers on and off aircraft using terminal facilities.

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety & Security | <input checked="" type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Replacement of the aged passenger loading bridges supports the safe movement of passengers on and off aircraft. The addition of PCAir and 400 HZ power units will facilitate alternative fuel usage and improve air quality. BWI Marshall supports the movement of people, goods and State economy.

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 |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Multi-year construction program began Fall 2014.

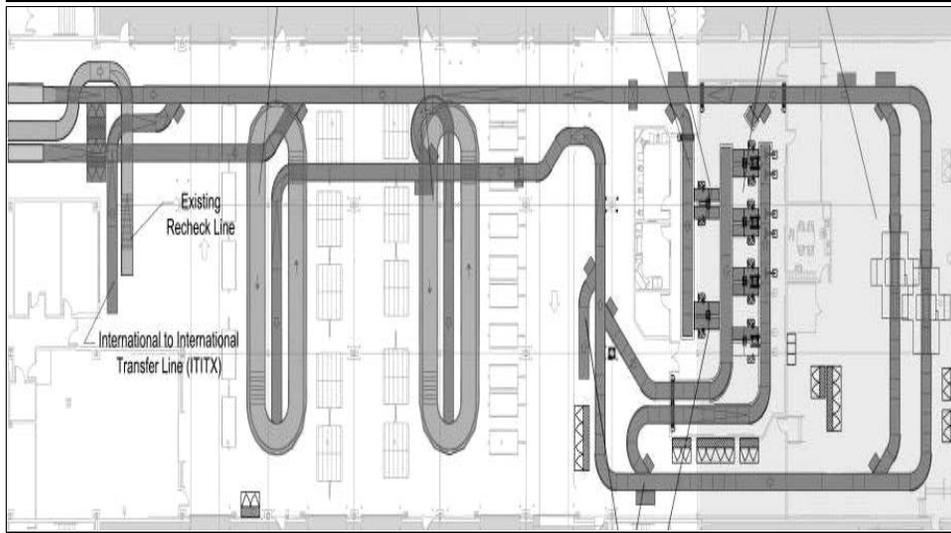
SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None

USAGE: Accommodate projected annual passenger growth.

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

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					
					....2018....	....2019....	....2020....	....2021....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,549	835	285	429	0	0	0	0	714	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,935	2,572	3,570	4,793	0	0	0	0	8,363	0
Total	12,484	3,407	3,855	5,222	0	0	0	0	9,077	0
Federal-Aid	1,825	0	794	1,031	0	0	0	0	1,825	0

Other funding sources are Passenger Facility Charge (PFC) revenue. 2015, 9701



PROJECT: International Checked Baggage Inspection System at BWI Marshall Airport

DESCRIPTION: This project will reconfigure the existing baggage screening and baggage make-up system to a more integrated baggage security and handling system. Improvements will include changes to the baggage system configuration, equipment, and baggage makeup area.

PURPOSE & NEED SUMMARY STATEMENT: The ability to maintain 100 percent electronic baggage screening, while achieving the necessary capacity to meet projected international airline departure flight schedules is dependent upon attaining the maximum utilization of bag screening technology.

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project enhances compliance with Federal Aviation Administration Part 139 SIDA and safety regulations through modernization of baggage screening processes. In addition, the improvements provide the ability to maintain 100 percent electronic baggage screening while achieving the necessary capacity to meet projected airline departure flight schedules. BWI Marshall supports the movement of people, goods and State economy.

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 |

ASSOCIATED IMPROVEMENTS: International Building Expansion - (MAA Line 12, Item 123)

STATUS: Construction began October 2015 with completion March 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost increase of \$6.1 million is the result of higher than expected bids.

USAGE: Accommodate projected annual passenger growth.

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

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY						
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	512	30	427	55	0	0	0	0	482	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	21,574	10	8,554	13,010	0	0	0	0	21,564	0	
Total	22,086	40	8,981	13,065	0	0	0	0	22,046	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: International Concourse Extension at BWI Marshall Airport

DESCRIPTION: This project consists of extending the international terminal Concourse E by 150 feet for six additional gates. The work includes constructing a new aircraft parking apron; adding passenger boarding bridges with PC Air/400 HZ capability; stormwater management improvements; extending the existing building and IT systems. The project also includes the addition of automated passport control equipment, additional restrooms, a third bag claim device, and secondary screening area improvements.

PURPOSE & NEED SUMMARY STATEMENT: The greatest potential growth in airline service at BWI Marshall is in international markets. US based airlines are looking to expand their business into international markets, and international carriers are seeking more access to US destinations. With current capacity constraints at the International Concourse during peak periods as well as significant increases in forecasted international traffic in the coming years, an extension of the international concourse is needed for additional aircraft gates.

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

ASSOCIATED IMPROVEMENTS:
None.

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

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

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

STATUS: North Cargo area security complete. Apron and stormwater management construction to begin early 2016. Primary building structure to advertise in early FY 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Moved from Development and Evaluation Program to Construction Program.

USAGE: Accommodate projected annual passenger growth.

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

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2015			FOR PLANNING PURPOSES ONLY2018....2019....2020....		2021....
Planning	271	265	6	0	0	0	0	0	6	0	
Engineering	13,218	1,940	11,278	0	0	0	0	0	11,278	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	105,007	6	13,830	36,468	54,703	0	0	0	105,001	0	
Total	118,496	2,211	25,114	36,468	54,703	0	0	0	116,285	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

2047, 2048, 9693, 9694



PROJECT: Environmental Assessment at Martin State Airport

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

JUSTIFICATION: In accordance with 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

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Environmental assessment to complete in FY 2016.

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	1,875	1,214	661	0	0	0	0	0	661	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	1,875	1,214	661	0	0	0	0	0	661	0	
Federal-Aid	258	258	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

2010, 2011, 2012



PROJECT: Environmental Assessment at BWI Marshall Airport

DESCRIPTION: This project provides for the study necessary for the environmental assessment of Phase 1 capital projects shown on the Airport Layout Plan (ALP) to be completed by 2020.

JUSTIFICATION: In accordance with 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

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Scope development underway with anticipated start in early 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018.....2019.....	2020.....2021.....	TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,000	0	1,146	854	0	0	0	0	2,000	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	2,000	0	1,146	854	0	0	0	0	2,000	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2015 Completions</u>			
<u>Airside Development</u>			
1	BWI Noise Exposure Map (1913)	252	Complete
2	Terminal Building Head Knocker Protection (1924)	945	Complete
<u>Consol Rental Car Facility</u>			
3	CRCF Exterior Facility Improvements (1973)	1,003	Complete
4	CRCF Garage Improvements (1971)	2,573	Complete
5	CRCF Interior Facility Improvements (1970)	1,319	Complete
6	CRCF Signage Revisions (1975)	272	Complete
<u>Equipment</u>			
7	ARFF Eqmt Repl - Rescue Truck Unit #30001 (1993)	1,080	Complete
8	ARFF Equip Repl - Ambulance Unit #30094 (1994)	298	Complete
9	BWI ARFF Equip Repl - SCBA Equipment (2060)	650	Complete
10	Fuel Farm Backup Generator (2051)	238	Complete
11	MTN Equip Repl - Tractor #9898 (1989)	68	Complete
12	Snow Equip - Multi Task Snow Removal Units (2) (1983)	1,397	Complete
13	Snow Equip Repl - Runway Blowers (4) (1995)	2,404	Complete
<u>Landside Development</u>			
14	Long Term Parking Lot B Pavement Rehab Ph 1 (2029)	1,329	Complete
15	MAA 991 Leasehold Improvements (9501)	352	Complete
16	Parking Lot Bus Shelter Replacement (2021)	2,999	Complete
17	Terminal Road Overhead Sign Structure Replacement (2020)	830	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2015 Completions (cont'd)</u>			
<u>Martin State</u>			
18	MTN Overhead Voltage Pole Replacements (2046)	564	Complete
19	MTN Public Parking Area Pavement Rehab (2031)	901	Complete
<u>PMP Airfield Improvement</u>			
20	Taxiway A Pavement Rehabilitation (7738)	5	Complete
21	Taxiway R Repairs (7763)	459	Complete
<u>Regional Aviation</u>			
22	MAA Regional Aircraft Avionics Upgrade (2055)	64	Complete
<u>Security</u>			
23	TSA Baggage Screening Improvements Ph 1 (9000)	1,273	Complete
<u>Terminal Development</u>			
24	MER 3-4 Sanitary Sewer Line Evaluation and Remediation (2024)	1,309	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017</u>			
<u>Airport Technology</u>			
25	IT Equipment (1456)	2,400	Ongoing
26	Airport Project Administration System (AirPass) (2040)	883	Spring, 2016
27	BWI - CDC Phase 2 - Statewide System Access (2042)	598	Underway
28	BWI Radio Console Replacement (2036)	621	Underway
29	BWI Website Redevelopment (2080)	256	Underway
30	Conc C LL IT Systems Room Expansion (2049)	2,425	Underway
<u>Airside Development</u>			
31	Comp Pavement Markings FY15 (1909)	200	Spring, 2016
32	Comprehensive Paving FY 2016 (2108)	3,600	Spring, 2016
33	BWI New Air Traffic Control Tower (1939)	55	Underway
34	Comprehensive Paving FY 2013 (1908)	4,341	Underway
<u>Annual</u>			
35	Facility Management Program (7600)	200	Ongoing
36	MAA Noise Prop AA Sewer Assessment (1905)	96	Ongoing
37	Parking Garage Structure Inspection (1463)	158	Ongoing
38	Real Estate Administrative Services (7019)	50	Ongoing
39	Real Estate Property Services (7018)	50	Ongoing
40	Utility Designating (2017)	200	Ongoing
41	Prof Services GIS, SUE and Engineering Data (2016)	1,400	Spring, 2016
42	Security and Life Safety Systems CAD Update (2079)	600	Spring, 2016
43	Bridge Inspection (SHA Consultant) (1023)	150	Underway
44	Comprehensive Regional Air Passenger Survey (1486)	100	Underway
45	Roadway Sign & Retaining Wall Structure Inspection (1906)	20	Underway
46	Terminal Spaceframe Inspection (7000)	340	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017 (cont'd)</u>			
<u>Annual (cont'd)</u>			
47	Wildlife Deterrent Unit Inspections (1904)	13	Underway
48	Wildlife Mitigation (2006)	6	Underway
<u>Baltimore/Washington</u>			
49	Building Permits and Inspections (1390)	100	Ongoing
50	Comp Construction Mgmt & Inspection (8016)	474	Ongoing
51	Comp Environmental Planning (1900)	204	Ongoing
52	Fire Protection Engineer Services (1173)	400	Ongoing
53	Wildlife Management Plan (1181)	120	Ongoing
54	Comp Environmental Planning (1899)	783	Spring, 2016
55	BWI Aerial Photogrammetry & Airspace Analysis (1959)	626	Underway
56	BWI Hotel (2008)	11	Underway
57	BWI Master Plan (1013)	12	Underway
58	Capital Financial Services (2018)	500	Underway
59	Comp Acoustical Services Contract (1918)	400	Underway
60	Comp Airport Planning Services (1901)	13	Underway
61	Comp Airport Planning Services (1949)	944	Underway
62	Comp Airport Planning Services (1951)	856	Underway
63	Comp Arch Eng Design Services (1954)	200	Underway
64	Comp Arch Eng Design Services (1955)	350	Underway
65	Comp Arch Eng Design Services (1956)	225	Underway
66	Comp Arch Eng Design Services (1957)	213	Underway
67	Comp Arch Eng Design Services (1958)	212	Underway
68	Comp Arch Eng Design Services-1 (1915)	9	Underway
69	Comp Arch Eng Design Services-2 (1912)	15	Underway
70	Comp Commercial Facilities & Business Planning Services (1274)	125	Underway
71	Comp Const Mgmt Services (1952)	346	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017 (cont'd)</u>			
<u>Baltimore/Washington (cont'd)</u>			
72	Comp Construction Mgmt & Inspection (1953)	600	Underway
73	Comp Professional Program Mgmt (1916)	100	Underway
74	Comp Real Estate Services (1919)	400	Underway
75	Comprehensive AIT Services (1292)	400	Underway
76	MBE Support Services (1950)	160	Underway
77	Pavement Management BWI/MTN (1943)	1,194	Underway
78	Wildlife Management Services (2019)	100	Underway
79	Wildlife Management Services (2078)	700	Underway
<u>Consol Rental Car Facility</u>			
80	CRCF Articulated Buses FY16 (2092)	600	Spring, 2016
81	CRCF Bus Maintenance Facility Impv FY16 (2091)	325	Spring, 2016
82	CRCF Customer Service Bldg Impv FY16 (2090)	3,200	Spring, 2016
83	CRCF - New Tenant Access Road and Walkway (1978)	772	Underway
84	CRCF Bus Fleet Refurbishment (1972)	78	Underway
85	CRCF Facility Assessment (1979)	100	Underway
86	CRCF Walkway to Tenant Parking (1976)	82	Underway
<u>Environmental Compliance</u>			
87	Comp Environmental Compliance (9407)	317	Ongoing
88	Comp Environmental Compliance (9408)	183	Ongoing
89	Terminal Environmental Mitigation (8105)	150	Ongoing
90	Comp Environmental Compliance (2056)	1,000	Underway
91	Stream and Wetland Restoration Mitigation Services (1948)	60	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017 (cont'd)</u>			
<u>Equipment</u>			
92	ARFF Equip Rehab - Tanker-43 #9836 (2076)	125	Summer, 2016
93	ARFF Equip Repl - Ambulance #30324 (2000)	325	Summer, 2016
94	Equip Repl - MTN Tractor #9897 (2058)	74	Summer, 2016
95	Equip Repl - Paint Truck #30091 (2075)	312	Summer, 2016
96	Equip Repl - Tractors (4) (2074)	310	Summer, 2016
97	Snow Equip Repl - De-Icing Truck #9952 (2073)	187	Summer, 2016
98	Snow Equip Repl - Dump Trucks (2) (2002)	113	Summer, 2016
99	Snow Equip Repl - Front End Loader #9634 (2066)	347	Summer, 2016
100	Snow Equip Repl - Front End Loader #9891 (2069)	347	Summer, 2016
101	Snow Equip Repl - Front End Loader #9931 (2070)	347	Summer, 2016
102	Snow Equip Repl - Front End Loader #9944 (2071)	347	Summer, 2016
103	Snow Equip Repl - Tandum Dump #9834 (2067)	106	Summer, 2016
104	Snow Equip Repl - Tandum Dump #9856 (2068)	166	Summer, 2016
105	Snow Equip Repl - Tractor Trailer #9949 (2072)	156	Summer, 2016
106	ARFF Equip Repl - Brush-43 #30026 (2065)	110	Underway
107	ARFF Equip Repl - Tower Unit #30089 (1999)	1,264	Underway
108	Equip - Intl Trash Compactor Replacements (2059)	90	Underway
109	MAA Shuttle Bus Mid-Life Overhaul (1930)	2,129	Underway
110	Operating Vehicles (2053)	375	Underway
111	Portable Snowmelters (New) (9402)	5,000	Underway
112	Snow Equip - Multi-Tasking Unit New (1) (2063)	701	Underway
113	Snow Equip - Multi-Tasking Unit New (1) (2064)	701	Underway
114	Snow Equip Rehab - Broom #30057 (2062)	195	Underway
115	Snow Equip Rehab - Broom #30095 (2077)	195	Underway
116	Snow Equip Rehab - Broom Unit #30171 (2061)	195	Underway
117	Snow Equip Repl - Front End Loader #9932 (2001)	334	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017 (cont'd)</u>			
<u>Information Tech CTIPP</u>			
118	Permanent Noise Monitoring System Replacement (7405)	1,438	Spring, 2016
119	Airport Road Electronic Signage Repl - Design Only (2044)	129	Underway
120	BWI Integrated Security Systems (7403)	5	Underway
121	Hrly Garage Parking Guidance System Upgrade - Design Only (1931)	852	Underway
122	MD DOIT Oversight (2081)	200	Underway
<u>Intl Infrastructure</u>			
123	Air Handler 6 and 7 Replacement (9698)	400	Underway
124	Conc Infrastructure Improvements (9695)	2,518	Underway
125	International Building Expansion (9700)	1,358	Underway
126	International Building Outfall Pipe (9696)	165	Underway
127	Mobile Lounges (9697)	426	Underway
128	New North Terminal Substation NT - D1 (9699)	680	Underway
<u>Landside Development</u>			
129	Air Cargo Drive North Pavement Rehabilitation (2030)	7	Underway
130	BWI Hotel - Former Four Points (2038)	756	Underway
131	Daily Garage Inspection Repairs (1921)	2,114	Underway
132	MD 170 Sign Changes (2050)	741	Underway
<u>Martin State</u>			
133	MTN Additional Storage Tanks in Fuel Farm - Design (9420)	10	Summer, 2016
134	MTN Air Traffic Control Tower (1121)	950	Summer, 2017
135	MTN Obstruction Removal (9431)	319	Summer, 2017
136	MTN - Corporate Hangar Roof Replacement (2043)	4	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017 (cont'd)</u>			
<u>Martin State (cont'd)</u>			
137	MTN Storm Drain Pipe Replacement (2057)	1,297	Underway
138	MTN Trailer Replacement (2052)	52	Underway
139	MTN Water Supply for Fire System (1433)	7	Underway
<u>PMP Airfield Improvement</u>			
140	Emergency Taxiway Repairs (7774)	45	Underway
<u>Regional Aviation</u>			
141	Aid to Public/Private Airports (MAPA-90%) (1106)	3,325	Underway
142	Regional Aviation Program (1107)	1,525	Underway
143	Statewide Aviation Grants (AIP-5%) (1105)	2,000	Underway
<u>Security</u>			
144	Exit Lane Technology (2028)	200	Underway
145	Security Initiatives (1298)	1,600	Underway
146	TSA Baggage Screening Improvements Ph 2 (8999)	203	Underway
147	TSA Piers A/B Bag Screening Equip Replacement (8998)	696	Underway
<u>Terminal Development</u>			
148	County Sewer and Water Capital Improvements (1028)	1,200	Ongoing
149	Terminal Leasehold Modifications (7500)	475	Ongoing
150	Terminal Interior / Exterior Modifications - SBR (2215)	1,209	Spring, 2016
151	Terminal Office Relocation Phase 3 (9013)	4,650	Spring, 2016
152	Terminal Space Frame Painting (1926)	494	Spring, 2016

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>Fiscal Year 2016 and 2017 (cont'd)</u>			
<u>Terminal Development (cont'd)</u>			
153	ADA Restroom Access and Improvements (9418)	1	Underway
154	Central Terminal Elevator Upgrade (2033)	547	Underway
155	Common Use Domestic Facilities (7503)	757	Underway
156	Conc C Holdroom & Terminal Charging Stations (2035)	162	Underway
157	Concourse B International Ticket Counters (2054)	7,712	Underway
158	Lease Agreement Assets (9884)	108	Underway
159	NT Substation Replacements (2032)	1,554	Underway
160	Observation Gallery & C Corridor Improvements (9881)	6	Underway
161	Terminal and ARFF Glass Improvements (2045)	2,584	Underway
162	Terminal Improvement Project (7017)	1,581	Underway
163	Terminal Interior / Exterior Modifications (2014)	420	Underway
164	Terminal Interior / Exterior Modifications (2114)	5,492	Underway
165	Terminal Interior / Exterior Modifications (2214)	11,157	Underway
166	Terminal Wide Restroom Mirror Replacement (2041)	317	Underway