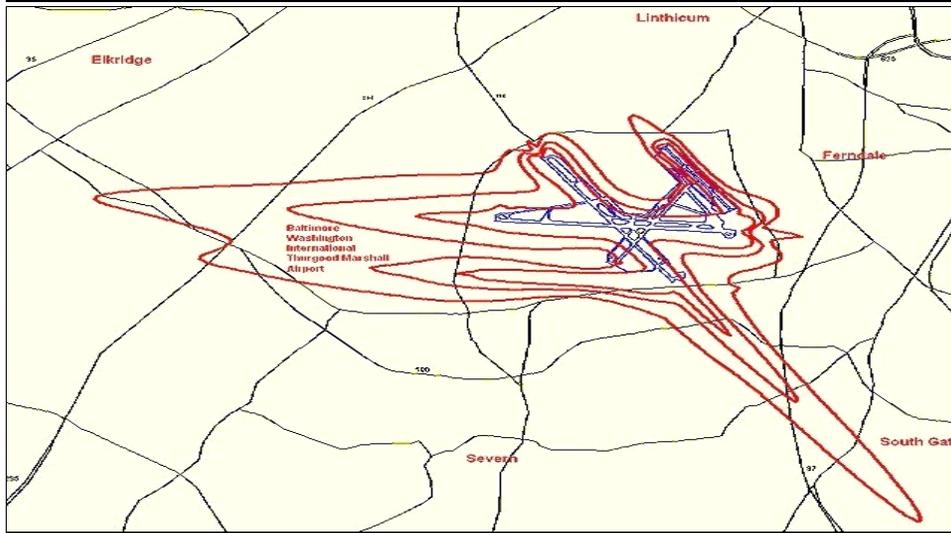


**MARYLAND AVIATION ADMINISTRATION**

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

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>SIX-YEAR TOTAL</u>
<b><u>Construction Program</u></b>							
Major Projects	130.5	161.3	78.4	0.9	0.9	0.9	372.9
System Preservation Minor Projects	74.8	39.5	25.4	29.6	28.6	27.2	224.9
<b><u>Development &amp; Evaluation Program</u></b>	<u>7.7</u>	<u>8.1</u>	<u>0.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>16.6</u>
<b>SUBTOTAL</b>	213.0	208.9	104.5	30.5	29.5	28.1	614.5
<b><u>Capital Salaries, Wages &amp; Other Costs</u></b>	<u>6.1</u>	<u>6.1</u>	<u>6.1</u>	<u>6.1</u>	<u>6.1</u>	<u>6.1</u>	<u>36.6</u>
<b>TOTAL</b>	219.1	215.0	110.6	36.6	35.6	34.2	651.1
<b>Special Funds</b>	95.6	88.0	54.2	30.6	29.6	29.9	328.0
<b>Federal Funds</b>	34.1	25.2	4.3	4.3	4.3	4.3	76.5
<b>Other Funding *</b>	89.3	101.8	52.1	1.7	1.7	-	246.6
<b><u>Other Funding Breakdown*</u></b>							
CFC	2.4	-	-	-	-	-	2.4
PFC	28.8	45.7	52.1	1.7	1.7	-	130.0
PFC Bond	52.7	56.1	-	-	-	-	108.8
TSAOTA	<u>5.4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5.4</u>
	89.3	101.8	52.1	1.7	1.7	-	246.6



**PROJECT:** Noise Zone Land Acquisition Program

**DESCRIPTION:** This program promotes compatible land use around Baltimore/Washington International Thurgood Marshall Airport (BWI Marshall). This is accomplished through the purchase of residential properties offered voluntarily for sale by owners within designated impacted noise areas.

**PURPOSE & NEED SUMMARY STATEMENT:** The Maryland Environmental Noise Act requires the Maryland Aviation Administration (MAA) to minimize the impact of aircraft related noise on people living near BWI Marshall. The purpose of this program is to purchase, at fair market value, the most severely impacted residential properties within the BWI Marshall Noise Zone, in accordance and consistent with local zoning.

**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:**  
 Homeowner Assistance Program -- Line 2

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

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

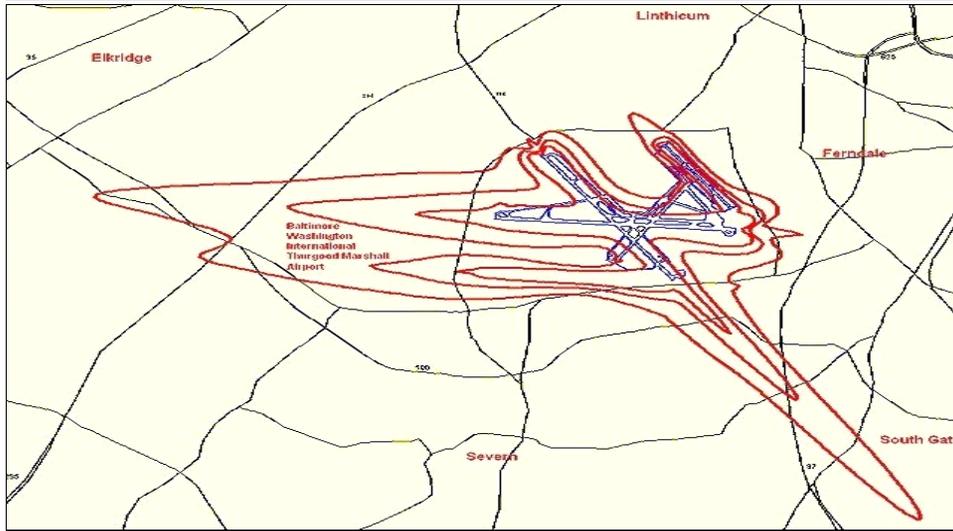
**EXPLANATION:** This program enhances the environment of neighboring communities by providing noise mitigation through the purchase of residential properties from people living within designated noise zones near BWI Marshall.

**STATUS:** Historical acquisition of properties completed several years ago.

PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2014			2015	2016	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	49	49	0	0	0	0	0	0	0	0
Right-of-way	33,814	33,814	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>33,863</b>	<b>33,863</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Federal-Aid	13,889	13,889	0	0	0	0	0	0	0	0

**POTENTIAL FUNDING SOURCE:**  SPECIAL  FEDERAL  GENERAL  OTHER

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Overall estimated cost decrease of \$5.6 million is the result of MAA reimbursing the federal share of two Noise Land Re-Use Plan properties and offsetting credit to federal funding.



**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 aviation 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:**

Noise Zone Land Acquisition Program -- Line 1

**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 2014.

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 2014			2015	2016	.....2017.....	.....2018.....			.....2019.....
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	457	442	3	3	3	3	3	0	15	0	
Right-of-way	28,116	22,496	937	937	937	937	936	936	5,620	0	
Construction	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>28,573</b>	<b>22,938</b>	<b>940</b>	<b>940</b>	<b>940</b>	<b>940</b>	<b>939</b>	<b>936</b>	<b>5,635</b>	<b>0</b>	
Federal-Aid	16,052	11,372	780	780	780	780	780	780	4,680	0	

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Project delayed from FY 14 to FY 15 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 4.  
 Runway Safety Area, Standards and Pavement Improvements Phase 4 at BWI Marshall -- Line 5.

**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:** Construction began Summer 2012. Runway 10-28 RSA and pavement rehabilitation complete August 2013. Amtrak obstructions modifications, property acquisitions, Runway 10-28 NAVAIDS and a portion of Taxiway C will continue into 2016.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Cost increase of \$6.3 million results from a \$1.5 million cost reduction for Runway 10-28 completion, and bid increases for NAVAID infrastructure (\$3.0 million) and Taxiway C (\$4.8 million).

**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 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2017....	....2018....	....2019....	....2020....			
Planning	147	147	0	0	0	0	0	0	0	0	
Engineering	10,726	8,711	1,576	439	0	0	0	0	2,015	0	
Right-of-way	503	8	495	0	0	0	0	0	495	0	
Construction	59,503	43,605	3,793	8,821	3,284	0	0	0	15,898	0	
Total	70,879	52,471	5,864	9,260	3,284	0	0	0	18,408	0	
Federal-Aid	22,060	19,715	1,437	908	0	0	0	0	2,345	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  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 3.  
 Runway Safety Area, Standards and Pavement Improvements Phase 4 at BWI Marshall -- Line 5.

**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 15R-33L project status: - Kitten Branch Stream Diversion completed in March 2013. - Deicing pad construction completed in November 2013. - Standards Compliance Earthwork completed in June 2014. - RSA and pavement rehabilitation underway with a Fall 2015 completion.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Cost increase of \$2.5 million resulting from bids and project completions in 2014.

**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 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2017.....	.....2018.....	.....2019.....	.....2020.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	27,547	24,897	1,683	806	161	0	0	0	2,650	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	125,170	52,208	50,843	22,119	0	0	0	0	72,962	0
Total	152,717	77,105	52,526	22,925	161	0	0	0	75,612	0
Federal-Aid	40,132	18,565	21,567	0	0	0	0	0	21,567	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:** B/C Connector at BWI Marshall Airport

**DESCRIPTION:** The terminal improvements in this project include the relocation of the Concourse C passenger screening checkpoint to the B/C terminal zone, the addition of a secure-side connector between Concourses B and C, the widening of Concourse C, the conversion of the existing Concourse C entrance into egress space, roof replacement, provision for moving walkways, reconfigured holdrooms 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 multiple concourses without the need to exit and return through security.

**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 checked="" type="checkbox"/> 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 A, B and C, as well as capacity for new 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.

**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:** B/C Connector and Security Checkpoint opened to use April 2013. Concourse C Widening complete June 2014. Post construction activities will continue through FY 2015.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Cost increase of \$2.3 million covers post-construction activities.

**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 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 2014			2015	2016	.....2017.....	.....2018.....			.....2019.....
Planning	1,072	1,072	0	0	0	0	0	0	0	0	0
Engineering	15,725	11,629	4,096	0	0	0	0	0	0	4,096	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	96,311	88,084	8,227	0	0	0	0	0	0	8,227	0
Total	113,108	100,785	12,323	0	0	0	0	0	0	12,323	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.

9862, 9863, 9865, 9866, 9867, 9868, 9869, 9870, 9878, 9879, 9880, 9882, 9883, 9885, 9886, 9887, 9888, 9889



**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, 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.

**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 checked="" type="checkbox"/> 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.

**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:** Enabling projects are underway. Construction to start January 2015.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** None.

**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 checked="" type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2017.....	.....2018.....	.....2019.....	.....2020.....			
Planning	460	446	14	0	0	0	0	0	14	0	
Engineering	7,821	6,923	898	0	0	0	0	0	898	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	117,996	225	20,735	51,307	45,729	0	0	0	117,771	0	
Total	126,277	7,594	21,647	51,307	45,729	0	0	0	118,683	0	
Federal-Aid	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, 9705



**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.

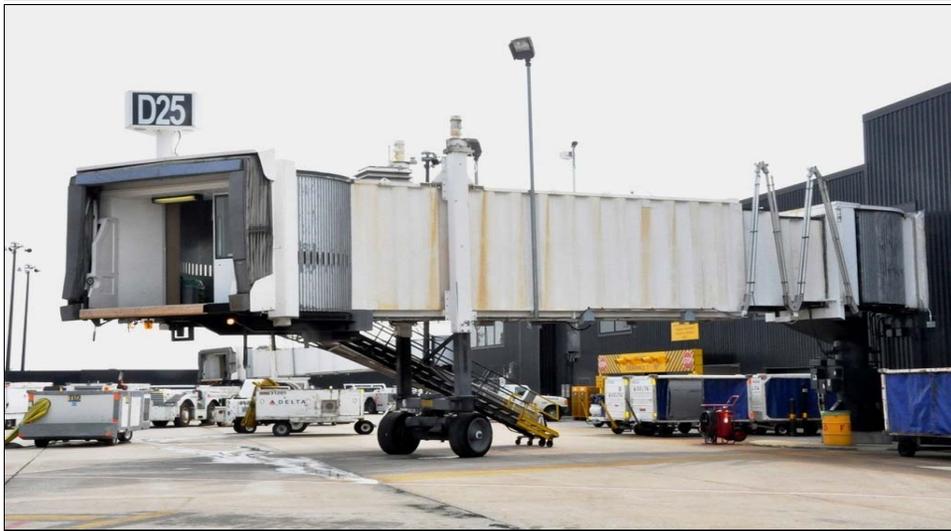
**STATUS:** Construction start January 2014 with completion in Fall 2015.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 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				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2014			2015	2016	FOR PLANNING PURPOSES ONLY	2017		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,320	976	344	0	0	0	0	0	344	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	8,483	422	3,153	4,908	0	0	0	0	8,061	0
Total	9,803	1,398	3,497	4,908	0	0	0	0	8,405	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 common use gates are being equipped with PCAir, 400 HZ power units and bag slides.

**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:** Construction began Fall 2014.

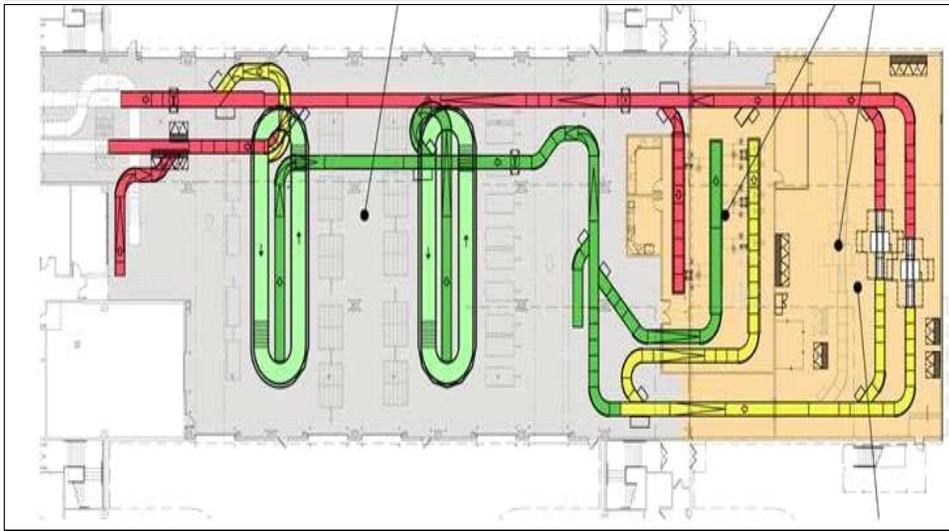
**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** None.

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

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

<u>POTENTIAL FUNDING SOURCE:</u> <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,797	402	375	582	438	0	0	0	1,395	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,683	1	3,264	4,870	2,548	0	0	0	10,682	0
Total	12,480	403	3,639	5,452	2,986	0	0	0	12,077	0
Federal-Aid	0	0	0	0	0	0	0	0	0	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 - System Preservation Minor Projects Program

**STATUS:** Project advertised November 2014. Construction to start in early 2015.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Added to the Construction Program. Formerly part of the Terminal Modernization Program.

**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 ESTIMATED COST (\$000)	EXPEND THRU 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2017.....	.....2018.....	.....2019.....	.....2020.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	512	0	161	314	37	0	0	0	512	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	15,488	0	2,075	9,986	3,427	0	0	0	15,488	0	
Total	16,000	0	2,236	10,300	3,464	0	0	0	16,000	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 Concourse E international terminal by two gates to accommodate up to five aircraft arrivals. 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; and connecting arriving passengers to the Customs and Border Protection facilities. The project also includes demolition and replacement of the Commuter Concourse with remain overnight aircraft parking positions.

**JUSTIFICATION:** The greatest potential growth in airline service at BWI Marshall is in international markets. While domestic services continue to thrive at BWI Marshall, US based airlines are looking to expand their business into international markets, and international carriers are seeking more access to US destinations. While the D/E Connector project offers some additional gate capacity to handle expected growth, projections for peak period gate utilization indicate the need for the extension of the international concourse.

**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:** Preliminary planning and design underway.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Added to the D&E 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 FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2014			2015	2016	.....2017.....	.....2018.....			.....2019.....
Planning	286	0	286	0	0	0	0	0	286	0	
Engineering	12,986	0	5,743	7,243	0	0	0	0	12,986	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	13,272	0	6,029	7,243	0	0	0	0	13,272	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

2047, 2048



**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 2015.

**POTENTIAL FUNDING SOURCE:**  SPECIAL  FEDERAL  GENERAL  OTHER

PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	1,856	766	1,090	0	0	0	0	0	1,090	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	1,856	766	1,090	0	0	0	0	0	1,090	0
Federal-Aid	259	258	1	0	0	0	0	0	1	0

**SIGNIFICANT CHANGE FROM FY 2014 - 19 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:** BWI Marshall revision of the Airport Layout Plan submitted to the FAA in December 2014. Scoping of requirements has begun.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** None.

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 FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2014	CURRENT YEAR 2015	BUDGET YEAR 2016	.....2017.....	.....2018.....	.....2019.....	.....2020.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,000	0	419	906	675	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	419	906	675	0	0	0	2,000	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0



**PROJECT:** Exit Lane Technology at BWI Marshall Airport

**DESCRIPTION:** This project provides for the evaluation, planning and preliminary engineering of potential options for automating deplaning passenger exit lane monitoring across the airport.

**JUSTIFICATION:** Under the Aviation and Transportation Security Act, Public Law 107-71 of November 2001, the Transportation Security Administration (TSA) assumed responsibility for staffing exit lanes at airports across the country. TSA has proposed an amendment to the Airport Security Program that would require airport operators to assume access control responsibility at exit lanes controlled by TSA. This project will identify technology to assist BWI Marshall in providing adequate safeguards to prevent unauthorized entry to secure areas.

**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.

**STATUS:** FY 2015 design start.

**SIGNIFICANT CHANGE FROM FY 2014 - 19 CTP:** Project delayed from FY 14 to FY 15 due to changes in TSA regulations.

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 2014			2015	2016	.....2017.....	.....2018.....		.....2019.....	.....2020.....
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	200	0	200	0	0	0	0	0	200	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	200	0	200	0	0	0	0	0	200	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2015 and Prior</u></b>			
<b><u>Airport Technology</u></b>			
1	Permanent Noise Monitoring System Replacement (7405)	1,515	Spring, 2015
2	Airport Project Administration System (AirPass) (2040)	883	Summer, 2015
3	BWI - CDC Phase 2 - Statewide System Access (2042)	1,049	Underway
4	BWI Radio Console Replacement (2036)	1,779	Underway
5	Airport Road Electronic Signage Repl (2044)	200	Fall, 2015
6	Hourly Garage Parking Guidance System Upgrade (1931)	935	Fall, 2015
7	IT Equipment (1456)	14,971	Ongoing
8	Conc C LL IT Systems Room Expansion (2049)	2,916	Underway
<b><u>Airside Development</u></b>			
9	Comprehensive Paving FY 2013 (1908)	12,034	Underway
10	United Deicing Storage Tank Relocation (2034)	83	Complete
11	BWI Noise Exposure Map (1913)	267	Underway
12	BWI New Air Traffic Control Tower (1939)	154	Underway
<b><u>Annual</u></b>			
13	Wildlife Mitigation (2006)	5	Complete
14	Roadway Sign Structure Inspection (1906)	23	Underway
15	Wildlife Deterrent Unit Inspections (1904)	20	Underway
16	Bridge Inspection (SHA Consultant) (1023)	1,288	Ongoing
17	Real Estate Administrative Services (7019)	311	Ongoing
18	Real Estate Property Services (7018)	230	Ongoing
19	Parking Garage Structure Inspection (1463)	468	Ongoing
20	Utility Designating (2017)	107	Ongoing

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2015 and Prior (cont'd)</u></b>			
<b><u>Baltimore/Washington</u></b>			
21	Wildlife Management Plan (1181)	1,201	Complete
22	Comp Arch Eng Design Services (7015)	3,419	Complete
23	Comprehensive AIT Services (1291)	335	Complete
24	Wildlife Hazard Assessment (1903)	45	Complete
25	BWI Hotel (2008)	451	Complete
26	Comp Arch Eng Design Services (1912)	318	Underway
27	Comp Acoustical Services Contract (1918)	803	Underway
28	Comp Arch Eng Design Services (1915)	2,515	Underway
29	Capital Financial Services (2018)	521	Underway
30	Prof Services GIS, SUE and Engineering Data (2016)	876	Summer, 2015
31	Wildlife Management Services (2019)	565	Underway
32	Comp Professional Program Mgmt (1916)	414	Underway
33	MBE Support Services (1950)	100	Underway
34	Comp Airport Planning Services (1949)	418	Underway
35	Comp Airport Planning Services (1951)	400	Underway
36	Comp Arch Eng Design Services (1955)	100	Underway
37	Comp Arch Eng Design Services (1956)	100	Underway
38	Comp Arch Eng Design Services (1957)	100	Underway
39	Comp Arch Eng Design Services (1958)	100	Underway
40	Comp Commercial Facilities & Business Planning Services (1274)	190	Underway
41	Comp Const Mgmt Services (1952)	127	Underway
42	Comp Construction Mgmt & Inspection (1953)	400	Summer, 2015
43	Comprehensive AIT Services (1292)	200	Underway
44	Pavement Management BWI/MTN (1943)	850	Underway
45	Fire Protection Engineer Services (1173)	461	Ongoing
46	Comp Construction Mgmt & Inspection (7016)	3,392	Ongoing
47	Building Permits and Inspections (1390)	1,037	Ongoing
48	Comp Airport Planning Services (1901)	4,665	Ongoing

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2015 and Prior (cont'd)</u></b>			
<b><u>Baltimore/Washington (cont'd)</u></b>			
49	Comp Construction Mgmt & Inspection (8016)	904	Ongoing
50	Comp Environmental Planning (1900)	3,214	Ongoing
<b><u>Consol Rental Car Facility</u></b>			
51	CRCF Garage Improvements (1971)	2,581	Complete
52	CRCF Signage Revisions (1975)	233	Complete
53	CRCF Walkway to Tenant Parking (1976)	725	Complete
54	CRCF Bus Fleet Refurbishment (1972)	1,082	Underway
55	CRCF - New Tenant Access Road and Walkway (1978)	669	Spring, 2015
56	CRCF Bus Maintenance Facility Improvements (1979)	200	Fall, 2015
<b><u>Environmental Compliance</u></b>			
57	Terminal Environmental Mitigation (8105)	270	Ongoing
58	Comp Environmental Compliance (9407)	3,319	Ongoing
59	Comp Environmental Compliance (9408)	1,204	Ongoing
<b><u>Equipment</u></b>			
60	Equip Repl - Sweeper Trucks (3) (1996)	798	Complete
61	MTN Equip Repl - Dump Truck #9777 (1987)	128	Complete
62	MTN Equip Repl - Dump Truck #9778 (1988)	128	Complete
63	MTN Equip Repl - Tractor #9898 (1989)	68	Complete
64	MTN Snow Equip Repl - Front End Loader #9755 (1980)	147	Complete
65	MTN Snow Equip Repl - Front End Loader #9756 (1981)	242	Complete
66	Snow Equip New - Rollover Plow Blades (2) (1998)	81	Complete
67	Snow Equip Repl - Runway Blowers (3) (1995)	1,161	Complete

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2015 and Prior (cont'd)</u></b>			
<b><u>Equipment (cont'd)</u></b>			
68	MAA Shuttle Bus Mid-Life Overhaul (1930)	5,390	Underway
69	ARFF Eqmt Repl - Rescue Truck Unit #30001 (1993)	1,080	Underway
70	ARFF Equip Repl - Ambulance Unit #30094 (1994)	258	Underway
71	Fuel Farm Backup Generator (2051)	200	Underway
72	Snow Equip - Multi Task Snow Removal Units (2) (1983)	700	Underway
73	Snow Equip - New Edge Light Plow (1984)	427	Underway
74	Snow Equip New - Edge Light Plow (1) (1997)	607	Underway
<b><u>Landside Development</u></b>			
75	Terminal Road Overhead Sign Structure Replacement (2020)	799	Complete
76	Parking Lot Bus Shelter Replacement (2021)	2,998	Complete
77	BWI Hotel - Former Four Points (2038)	2,720	Underway
78	Long Term Parking Lot B Pavement Rehab Ph 1 (2029)	1,333	Complete
79	Air Cargo Drive North Pavement Rehabilitation (2030)	2,207	Complete
80	MAA 991 Leasehold Improvements (9501)	370	Underway
81	Daily Garage Inspection Repairs (1921)	2,778	Underway
82	MD 170 Sign Changes (2050)	802	Underway
<b><u>Martin State</u></b>			
83	MTN Public Parking Area Pavement Rehab (2031)	947	Complete
84	MTN Overhead Voltage Pole Replacements (2046)	578	Complete
85	MTN - Corporate Hangar Roof Replacement (2043)	2,035	Underway
86	MTN Trailer Replacement (2052)	130	Underway

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2015 and Prior (cont'd)</u></b>			
<b><u>Regional Aviation</u></b>			
87	Aid to Public/Private Airports (MAPA-90%) (1106)	1,750	Underway
88	MAA Regional Aircraft Avionics Upgrade (2055)	50	Underway
89	Regional Aviation Program (1107)	600	Underway
90	Statewide Aviation Grants (AIP-5%) (1105)	1,250	Underway
<b><u>Security</u></b>			
91	Security Initiatives (1298)	9,808	Ongoing
92	TSA Piers A/B Bag Screening Equip Replacement (8998)	4,881	Underway
93	TSA Baggage Screening Improvements Ph 2 (8999)	1,476	Complete
<b><u>Terminal Development</u></b>			
94	County Sewer and Water Capital Improvements (1028)	10,400	Ongoing
95	Terminal Improvement Project (7017)	7,833	Underway
96	Terminal Leasehold Modifications (7500)	2,143	Complete
97	FAA Control Tower Glass Replacement (1940)	2,490	Complete
98	Advance Construction Costs (9020)	2,773	Complete
99	Miscellaneous Structural Improvements (2022)	662	Complete
100	Observation Gallery & C Corridor Improvements (9881)	1,975	Complete
101	Terminal Interior / Exterior Modifications (2014)	10,395	Complete
102	ADA Restroom Access and Improvements (9418)	1,003	Complete
103	Conc C Holdroom Improvements (2035)	188	Complete
104	MER 3-4 Sanitary Sewer Line Evaluation and Remediation (2024)	1,314	Complete
105	Terminal Wide Restroom Mirror Replacement (2041)	481	Complete
106	Lease Agreement Assets (9884)	1,779	Underway
107	BWI and MTN Facility Improvements (2039)	534	Underway
108	International Building Expansion (9700)	7,958	Fall, 2015

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2015 and Prior (cont'd)</u></b>			
<b><u>Terminal Development (cont'd)</u></b>			
109	NT Substation Replacements (2032)	7,650	Underway
110	Terminal Interior / Exterior Modifications (2114)	5,122	Underway
111	Central Terminal Elevator Upgrade (2033)	844	Underway
112	Common Use Domestic Facilities (7503)	1,523	Underway
113	Concourse B International Ticket Counters (2054)	5,000	Underway
114	Mobile Lounges (9697)	982	Underway
115	Terminal and ARFF Glass Improvements (2045)	1,636	Underway
116	Terminal Office Relocation Phase 3 (9013)	3,498	Spring, 2015
117	Terminal Utilities & Safety Improvements (9696)	3,043	Underway
118	Facility Management Program (7600)	597	Ongoing
119	Utilities Connection (7020)	285	Ongoing
<b><u>FY 2016</u></b>			
<b><u>Airside Development</u></b>			
120	ARFF Station HVAC Replacement (1927)	172	Fall, 2015
<b><u>Annual</u></b>			
121	Comprehensive Regional Air Passenger Survey (1486)	100	Summer, 2015
<b><u>Baltimore/Washington</u></b>			
122	BWI Aerial Photogrammetry & Airspace Analysis (1959)	326	Summer, 2015
<b><u>Equipment</u></b>			
123	ARFF Equip Repl - Ambulance (2000)	325	Summer, 2015

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND AVIATION ADMINISTRATION - LINE 15 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FY 2016 (cont'd)</u></b>			
<b><u>Equipment (cont'd)</u></b>			
124	ARFF Equip Repl - Tower Unit (1999)	1,200	Summer, 2015
125	Operating Vehicles - FY 2016 (2053)	223	Summer, 2015
126	Snow Equip Repl - Dump Trucks (2) (2002)	326	Summer, 2015
127	Snow Equip Repl - Front End Loaders (4) (2001)	1,316	Summer, 2015
128	Snow Equip Repl - Tandem Dump (2004)	163	Summer, 2015
129	Snow Equip Repl - Vbox Spreader Truck (2003)	75	Summer, 2015
<b><u>Martin State</u></b>			
130	MTN Additional Storage Tanks in Fuel Farm - Design (9420)	10	Summer, 2015
131	MTN Air Traffic Control Tower (1121)	950	Summer, 2015
132	MTN Obstruction Removal (9431)	319	Summer, 2015
<b><u>Regional Aviation</u></b>			
133	Aid to Public/Private Airports (MAPA-90%) (1106)	2,000	Summer, 2015
134	Regional Aviation Program (1107)	600	Summer, 2015
135	Statewide Aviation Grants (AIP-5%) (1105)	1,250	Summer, 2015
<b><u>Terminal Development</u></b>			
136	Air Handler 6 and 7 Replacement (9698)	652	Summer, 2015
137	BWI Motor Control Centers 1 through 7 Replacement (1925)	311	Fall, 2015
138	New North Terminal Substation NT - D1 (9699)	3,500	Underway
139	Terminal Space Frame Painting (1926)	496	Fall, 2015