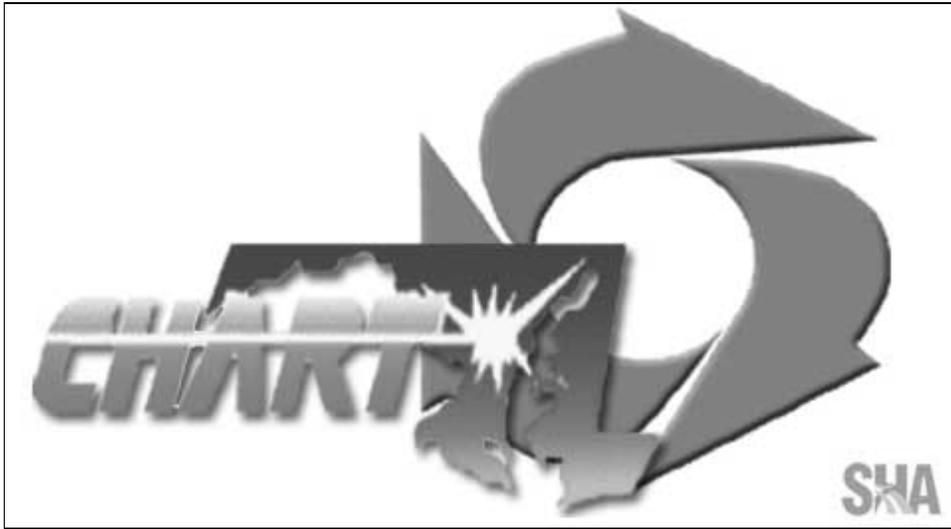


**SHA**



**SHA STATEWIDE**



**PROJECT:** Coordinated Highway Action Response Team (CHART)

**DESCRIPTION:** Install advanced traffic management system (ATMS) and advanced traffic information system (ATIS) technologies on Interstate highways and arterials statewide. Technologies include cameras, traffic detectors, weather sensors, dynamic message signs, highway advisory radios, web sites and telecommunication networks. CHART is comprised of five major components: 1) Traffic and Roadway Monitoring; 2) Incident Management; 3) "511" - Traveler's Information; 4) System Integration and Communication; 5) Traffic Management.

**PURPOSE & NEED SUMMARY STATEMENT:** Heavy volumes of traffic, stop-and-go commuter peaks, and lack of comprehensive information regarding current, real-time conditions on available alternatives contribute to and compound the effects of unexpected incidents. With the growth in traffic outpacing any realistic hope of expanding capacity through building new highways, or expanding existing ones, it is imperative to operate the existing system more efficiently through the application of Intelligent Transportation System technologies and interagency teamwork.

**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:**

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** Projects in the CHART program will aid in the reduction of travel time, reduce congestion and provide critical traffic information for the traveling public. Messages on dynamic message boards provide information to aid in the safety and security of travelers.

**STATUS:** Engineering and Construction underway. This represents a summary of the Statewide CHART program. Individual corridor work is shown in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added funding in FY18.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY						
					.....2015.....	.....2016.....	.....2017.....	.....2018.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	111,186	72,086	9,500	9,600	6,200	5,800	4,000	4,000	39,100	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	257,568	203,868	14,200	8,000	7,700	7,100	8,100	8,600	53,700	0	
Total	368,754	275,954	23,700	17,600	13,900	12,900	12,100	12,600	92,800	0	
Federal-Aid	355,490	271,970	21,330	15,840	12,510	11,610	10,890	11,340	83,520	0	

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** Community Safety and Enhancement Program

**DESCRIPTION:** This is the SHA element of the Statewide Neighborhood Conservation Program. Funds will be made available for highway transportation projects in designated revitalization areas. Areas will be designated by local jurisdictions, taking into account factors such as the age and number of abandoned and substandard structures, the extent of unemployment, and the redevelopment plans and strategies of the local jurisdiction. Project improvements include roadway reconstruction, lighting and drainage improvements, streetscaping and roadway improvements.

**PURPOSE & NEED SUMMARY STATEMENT:** Some of Maryland's older urban areas contain significant investments in physical infrastructure that are underutilized due to their inability to attract new investment. MDOT is joining with other State agencies to target resources for these areas with the goal of increasing their attractiveness to private investment.

**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:**

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** This program targets transportation improvements in older urban areas with physical infrastructure that is in need of repair to support economic development and revitalization. Provides/promotes bike and pedestrian access to commercial centers, transit facilities, schools and other public facilities. Encourages other State Agencies to target resources for those areas with the goal of increasing their attractiveness for private investment.

**STATUS:** Engineering, Right-of-way and Construction underway. This sheet represents a summary of this program. Individual projects are shown in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added funding in FY18.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	77,892	55,392	6,500	6,300	3,200	2,700	1,900	1,900	22,500	0
Right-of-way	20,565	13,365	900	800	2,800	700	1,000	1,000	7,200	0
Construction	388,776	277,976	11,000	9,600	19,000	25,700	22,300	23,200	110,800	0
Total	487,233	346,733	18,400	16,700	25,000	29,100	25,200	26,100	140,500	0
Federal-Aid	129,621	73,221	13,500	1,600	5,400	13,200	10,900	11,800	56,400	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** Sidewalk Program

**DESCRIPTION:** This program will provide matching funds for the construction of sidewalks adjacent to State highways. Fifty percent of project costs will be required from local and municipal project sponsors, except in urban revitalization areas where projects are eligible for 100 percent state funding, and in priority funding areas where projects are eligible for 75 percent state funding.

**PURPOSE & NEED SUMMARY STATEMENT:** Program will support community revitalization efforts and efforts to encourage pedestrian usage along State highways consistent with the intent of the "Access 2000" legislation.

**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:**

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** This program supports community revitalization and other efforts to encourage pedestrian usage along State Highways. Provides/promotes safer access to transit service for both surface bus and fixed rail systems.

**STATUS:** Engineering, Right-of-way and Construction underway. Working with local jurisdictions to identify projects. This sheet represents a summary of the Program. Individual projects are shown in SHA's Safety, Congestion Relief, Highway and Bridge Preservation Program.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added funding in FY18.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY						
					.....2015....	.....2016....	.....2017....	.....2018....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	7,547	4,747	1,500	200	200	300	300	300	2,800	0	0
Right-of-way	295	295	0	0	0	0	0	0	0	0	0
Construction	42,229	34,729	1,100	2,200	1,900	700	800	800	7,500	0	0
Total	50,071	39,771	2,600	2,400	2,100	1,000	1,100	1,100	10,300	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** Sound Barrier Program

**DESCRIPTION:** Funding to implement retrofit sound barrier projects that meet eligibility criteria.

**PURPOSE & NEED SUMMARY STATEMENT:** Mitigating highway noise is an essential element of the Department's programs for environmental stewardship and community conservation.

**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:**

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** This program provides mitigation of highway noise to those communities that qualify for noise abatement. Improves quality of life for eligible communities adjacent to access controlled facilities.

**STATUS:** Engineering, Right-of-way and Construction underway. This consolidates the total dollars available for sound barriers that meet eligibility criteria. Individual projects are shown in SHA's Safety, Congestion Relief, Highway and Bridge Preservation Program.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added funding in FY18.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	37,804	35,504	1,000	400	300	200	200	200	2,300	0
Right-of-way	353	353	0	0	0	0	0	0	0	0
Construction	292,526	284,226	900	2,700	1,000	1,100	1,300	1,300	8,300	0
Total	330,683	320,083	1,900	3,100	1,300	1,300	1,500	1,500	10,600	0
Federal-Aid	223,698	218,998	700	2,200	800	200	400	400	4,700	0

**CLASSIFICATION:**

STATE - N/A

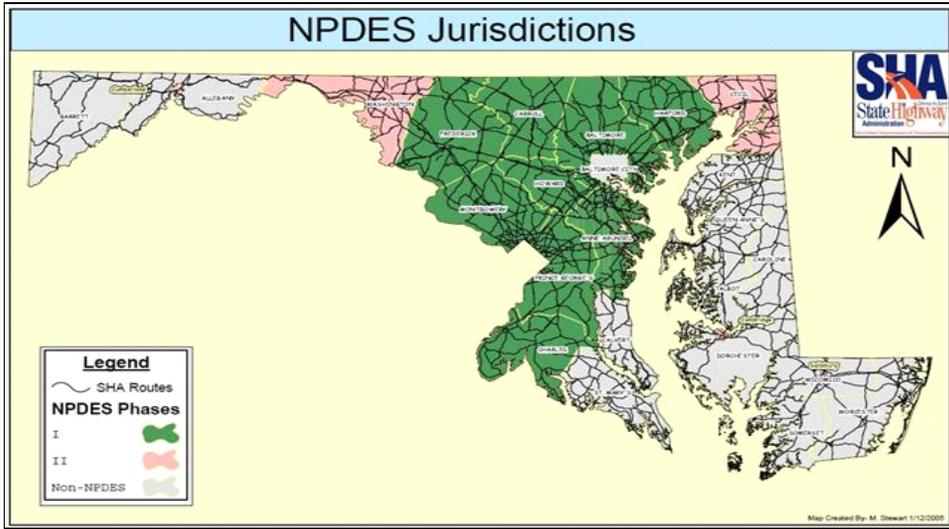
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** Total Maximum Daily Load (TMDL)

**DESCRIPTION:** Plan, design, and construct stormwater controls and alternative water quality improvement strategies in Maryland Phase I and Phase II Counties in order to meet the US Environmental Protection Agency's (EPA) Chesapeake Bay Total Maximum Daily Load (TMDL) requirements by the year 2025. These strategies support the goal of protecting and restoring the Chesapeake Bay watershed. The implementation will follow the State of Maryland commitment in its Watershed Implementation Phase I Plan (WIP I).

**PURPOSE & NEED SUMMARY STATEMENT:** SHA is required to adhere to the Chesapeake Bay TMDL and local TMDLs as a result of its National Pollution Elimination Discharge System (NPDES) Phase I and Phase II Municipal Separate and Storm Sewer System Permit (MS4) permits. This programmatic effort is needed for compliance and supports the ultimate goal of improved water quality in Maryland streams, creeks, rivers, and the Chesapeake Bay.

**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:**

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** Implement strategies through the year 2025 that will primarily reduce nitrogen, phosphorus and sediment loads in waters that drain to the Chesapeake Bay from SHA-owned roads and coverage areas. Implementation Strategies to include: Structural and Non-Structural Best Management Practices; Environmentally Sensitive Designs; Stream and Wetland Restoration; and Afforestation.

**STATUS:** Engineering underway. Construction to begin during current fiscal year.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added funding in FY14 thru FY18.

PHASE	POTENTIAL FUNDING SOURCE:										SIX YEAR TOTAL	BALANCE TO COMPLETE
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY							
				.....2015.....	.....2016.....	.....2017.....	.....2018.....					
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	16,700	4,200	6,000	3,500	3,000	0	0	0	0	12,500	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	90,600	11,900	15,700	27,700	25,200	6,300	1,900	1,900	78,700	0	0	
Total	107,300	16,100	21,700	31,200	28,200	6,300	1,900	1,900	91,200	0	0	
Federal-Aid	79,894	11,894	16,700	22,000	23,200	4,300	900	900	68,000	0	0	

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** Pedestrian Access To Transit

**DESCRIPTION:** Install ADA-compliant sidewalk connections to provide access to transit facilities. Specific work elements include constructing new sidewalk or reconstructing existing sidewalk; installing curb and gutter, ADA-compliant curb ramps and driveway crossings; upgrading pedestrian signals to accessible pedestrian signals (APS); enhancing pavement markings and pedestrian signage; and providing concrete pads for bus shelters.

**PURPOSE & NEED SUMMARY STATEMENT:** The primary purpose of the Pedestrian Access to Transit Program is to provide barrier-free access to public transportation facilities for pedestrians and bicyclists. Efforts are targeted toward locations within one-half mile of an existing transit station and will provide enhanced transit access, pedestrian amenities, and the promotion of transit-oriented development. SHA coordinates with the Maryland Transit Administration, WMATA, local transit providers, and the counties and municipalities to identify needed improvements.

**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:**

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** Projects in the Pedestrian Access to Transit program will provide barrier-free access to public transportation, promoting the use of alternative forms of transportation and potentially reducing vehicle miles traveled (VMT) and congestion on state roadways.

**STATUS:** Engineering and Construction Underway. Projects constructed or under construction include MD 185 (Connecticut Avenue) in Montgomery County, MD 212 (Riggs Road) in Prince Georges County, MD 542 (Loch Raven Boulevard) and MD 45 (York Road) in Baltimore County.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,000	0	1,000	0	0	0	0	0	1,000	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	11,300	7,600	3,700	0	0	0	0	0	3,700	0
Total	12,300	7,600	4,700	0	0	0	0	0	4,700	0
Federal-Aid	8,610	5,320	3,290	0	0	0	0	0	3,290	0

**CLASSIFICATION:**

STATE - N/A

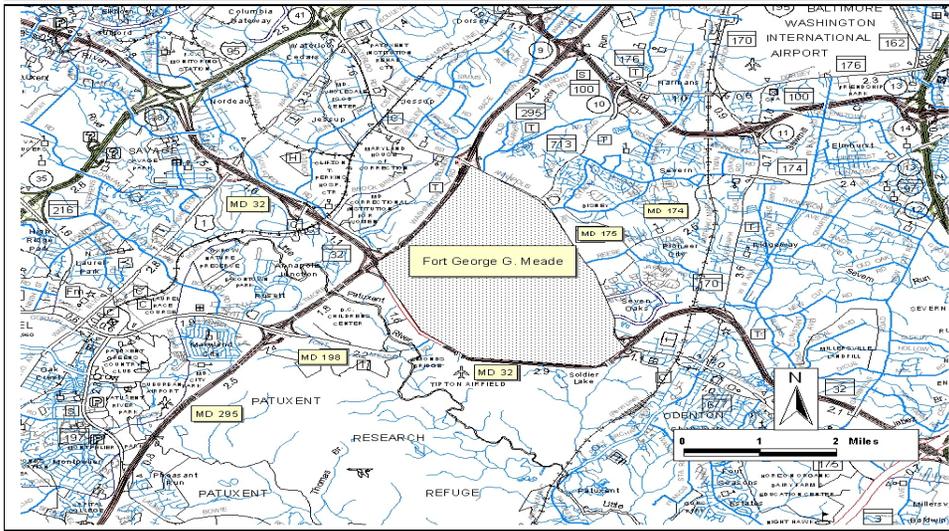
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** BRAC Intersections near Fort Meade

**DESCRIPTION:** Design and construct intersection improvements at key locations along access routes to Fort Meade. Bicycle and pedestrian facilities will be provided where appropriate.

**PURPOSE & NEED SUMMARY STATEMENT:** Improved access to Fort Meade is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersection improvements will improve safety, capacity and operations in the near-term.

**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:**

- MD 175, MD 713 to Disney Road (Anne Arundel Line 1)
- MD 175, MD 295 to MD 170 (Anne Arundel County Line 5)
- MD 198, MD 295 to MD 32 (Anne Arundel County Line 6)

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

- Quality of Service  Safety & Security
- System Preservation & Performance  Environmental Stewardship
- Connectivity for Daily Life

**EXPLANATION:** Improvements to key intersections in the vicinity of Fort Meade are vital in support of the congressionally authorized BRAC initiative. These improvements will provide congestion relief and safety improvements as well as provide for the safe and efficient movement of freight.

**STATUS:** Engineering & Right-of-Way underway. Construction cost includes a \$10.0 million payment to Fort Meade for gate improvements.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	PROJECT CASH FLOW					FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	YEAR 2014	.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	1,000	199	551	250	250	0	0	0	0	801	0
Engineering	9,390	6,538	2,852	0	0	0	0	0	0	2,852	0
Right-of-way	13,900	462	13,188	250	0	0	0	0	0	13,438	0
Construction	14,950	0	7,475	7,475	0	0	0	0	0	14,950	0
Total	39,240	7,199	24,066	7,975	0	0	0	0	0	32,041	0
Federal-Aid	33,102	1,061	24,066	7,975	0	0	0	0	0	32,041	0

**CLASSIFICATION:**

STATE - N/A

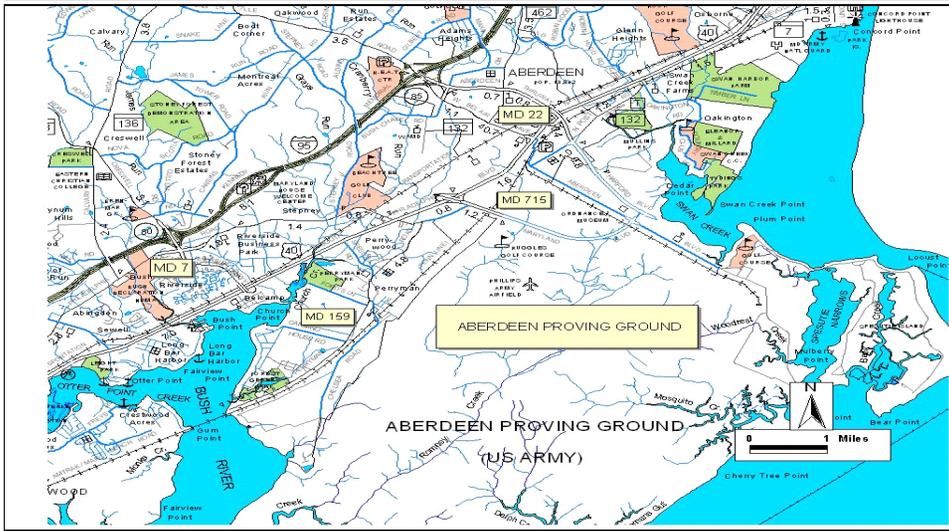
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** BRAC Intersections near Aberdeen Proving Grounds

**DESCRIPTION:** Design and construct intersection improvements at key locations along access routes to Aberdeen Proving Grounds. Bicycle and pedestrian facilities will be provided where appropriate.

**PURPOSE & NEED SUMMARY STATEMENT:** Improved access to Aberdeen Proving Grounds is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersection improvements will improve safety, capacity and operations in the near-term.

**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:**  
 US 40, Interchange at MD 715 (Harford County Line 2)  
 Perryman, Access Study (Harford County Line 4)

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

- Quality of Service
- System Preservation & Performance
- Connectivity for Daily Life
- Safety & Security
- Environmental Stewardship

**EXPLANATION:** Improvements to key intersections in the vicinity of Aberdeen Proving Grounds are vital in support of the congressionally authorized BRAC initiative. These improvements will provide congestion relief and safety improvements as well as provide for the safe and efficient movement of freight.

**STATUS:** Engineering and Right-of-Way underway.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added \$8.6 million to Right-of-Way for MD 22 at MD 462 and Utilities for MD 22 at Old Post Road.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER		PROJECT CASH FLOW					SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE
					.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	9,519	4,719	750	750	3,300	0	0	0	4,800	0
Right-of-way	11,943	75	7,268	3,000	1,600	0	0	0	11,868	0
Construction	6,860	0	2,000	4,860	0	0	0	0	6,860	0
Total	28,322	4,794	10,018	8,610	4,900	0	0	0	23,528	0
Federal-Aid	24,603	1,075	10,018	8,610	4,900	0	0	0	23,528	0

**CLASSIFICATION:**

STATE - N/A

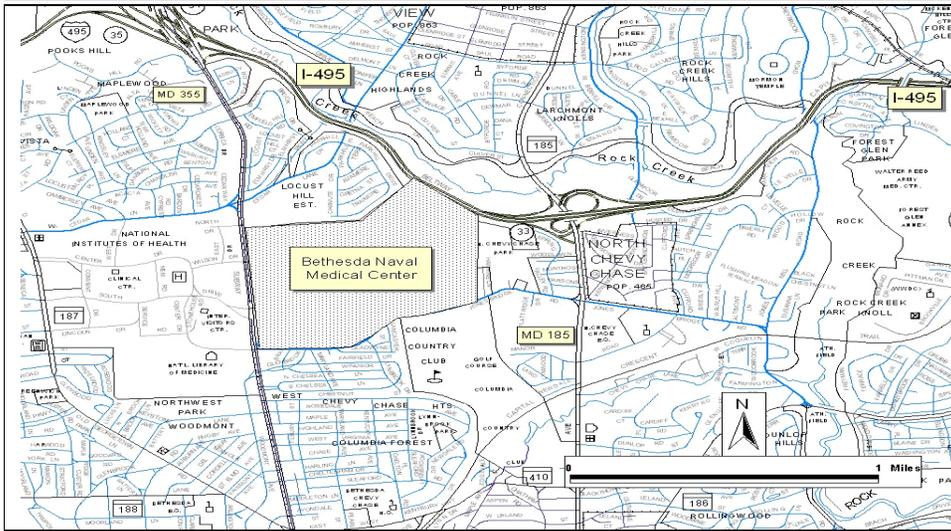
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** BRAC Intersections near Bethesda Naval Center

**DESCRIPTION:** Design and construct intersection improvements at key locations along access routes to Bethesda Naval Center. Bicycle and pedestrian facilities will be provided where appropriate.

**JUSTIFICATION:** Improved access to Bethesda Naval Center is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersections improvements will improve safety, capacity and operations in the near-term.

**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:**  
 MD 185, at Jones Bridge Road - Phase 1&3(Montgomery County Line 4)  
 MD 355, at Cedar Lane & Jones Bridge Road (Montgomery County Line 6)

**STATUS:** Engineering and Right-of-Way underway. Awaiting final approval of \$48.9 million from DoD for additional construction projects.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Moved MD 355 at West Cedar Lane (Phase 1&2) from the Construction Program to the Development & Evaluation Program awaiting approval of funds from the Office of Economic Adjustments.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL PROJECT CASH FLOW				FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	10,101	9,366	735	0	0	0	0	0	735	0
Right-of-way	3,149	956	1,100	1,093	0	0	0	0	2,193	0
Construction	16,720	0	1,083	6,929	4,188	4,520	0	0	16,720	0
Total	29,970	10,322	2,918	8,022	4,188	4,520	0	0	19,648	0
Federal-Aid	22,072	2,424	2,918	8,022	4,188	4,520	0	0	19,648	0

**CLASSIFICATION:**

STATE - N/A

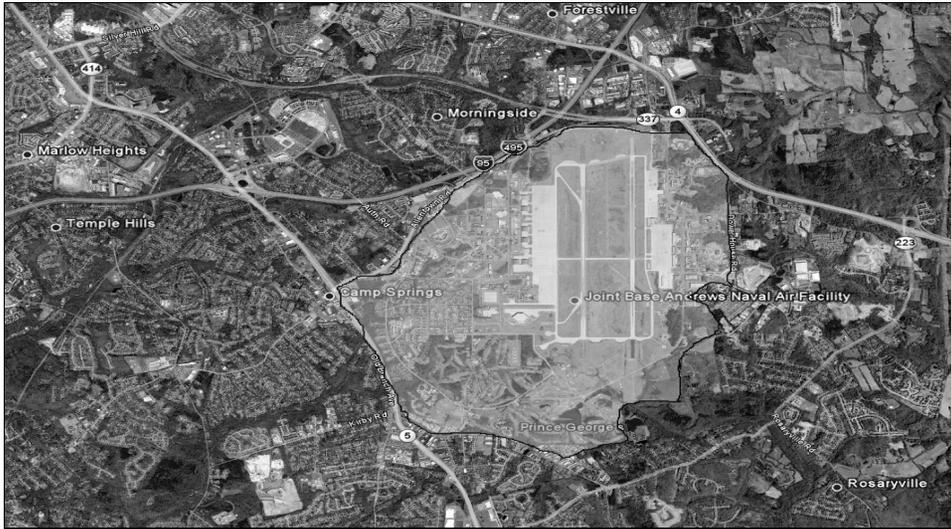
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A



**PROJECT:** BRAC Intersections near Andrews Air Force Base

**DESCRIPTION:** Design and construct intersection improvements at key locations along access routes to Andrews Air Force Base. Bicycle and pedestrian facilities will be provided where appropriate.

**JUSTIFICATION:** Improved access to Andrews Air Force Base is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersection improvements will improve safety, capacity and operations in the near-term.

**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:**

- I-95/I-495, American Legion Bridge to Woodrow Wilson Bridge (Prince George's Line 6)
- I-95/495, Branch Ave. Metro Access (Prince George's Line 8)
- MD 4, at Suitland Parkway (Prince george's Line 10)
- MD 4, MD 223 to I-95 (Prince George's Line 11)
- MD 5, US 301 to I-95 (Prince George's Line 12)

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2012 - 17 CTP:** Added \$2.0 million to Engineering for MD 337 at I-495 NB Off Ramp and MD 218.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2012	CURRENT YEAR 2013	BUDGET YEAR 2014	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2015.....	.....2016.....	.....2017.....	.....2018.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,497	996	1,500	1,500	2,501	0	0	0	5,501	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	6,497	996	1,500	1,500	2,501	0	0	0	5,501	0
Federal-Aid	6,497	996	1,500	1,500	2,501	0	0	0	5,501	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2012) - N/A

PROJECTED (2030) - N/A

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
		<b><u>Fiscal Year 2012 Completions</u></b>		
		<b><u>Bridge Replacement/Rehabilitation</u></b>		
1		Cleaning and Painting of 7 bridges in Wicomico and Worcester County	1,619	Completed
		<b><u>Safety/Spot Improvement</u></b>		
2		Replace/Upgrade Traffic Barriers at various locations in District 5; guardrails	938	Completed
3		Various locations in District 1 along MD 90, US 113 and US 13 Bus.; guardrails	2,998	Completed
		<b><u>Environmental Preservation</u></b>		
4	US 301	Blue Star Memorial Highway; MD 301/US 50 split to Delaware State Line; landscaping (ARRA PROJECT)	433	Completed
		<b><u>Enhancements</u></b>		
		<b><u>Environmental Mitigation</u></b>		
5		Statewide tree planting; Fifty to one hundred acres, plant approximately 200 trees per acre	415	Completed
		<b><u>Fiscal Years 2013 and 2014</u></b>		
		<b><u>Resurface/Rehabilitate</u></b>		
6		Various locations in Baltimore and Harford Counties; joint sealing	225	FY 2013
7		Various locations in Anne Arundel, Calvert, Charles, and St. Mary's Counties; traffic barrier upgrades	1,494	FY 2013
8		Various locations in District 4; slurry seal	892	FY 2013

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<b><u>Fiscal Years 2013 and 2014 (cont'd)</u></b>				
<b><u>Resurface/Rehabilitate (cont'd)</u></b>				
9		At various locations in District 6; slurry seal	2,821	FY 2013
10		Various locations in Dorchester, Somerset, Wicomico and Worcester Counties; patching	1,675	FY 2013
11		Various locations in Dorchester, Somerset, Wicomico and Worcester Counties; traffic barrier	1,207	FY 2013
12		Various locations in Baltimore or Harford Counties; patching	3,276	FY 2013
13		Traffic barrier upgrades at various locations in District 7; guardrail	1,556	FY 2013
14		Install and upgrade traffic barrier in District 6; guardrail	1,338	Under construction
15		Various locations in District 5 and Prince George's County; drainage	2,820	FY 2013
16		Concrete pavement repairs at various locations in District 5	724	FY 2013
17		Install/upgrade Traffic barrier at various locations in District 6	725	FY 2013
18		Traffic barrier upgrades at various locations in District 3	1,143	FY 2013
19		Various Locations in District 5; slurry seal	1,932	Under construction
<b><u>Safety/Spot Improvement</u></b>				
20		At various locations in District 5; sidewalks	2,860	FY 2013
21		At various locations in District 3; sidewalks	4,004	FY 2013

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<u>Fiscal Years 2013 and 2014 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
22		Various locations statewide; drainage	1,257	FY 2013
23		Various locations in District 6; pavement marking	4,559	FY 2013
24		Various locations in District 7; pavement markings	757	FY 2013
25		Various locations in Allegany and Garrett Counties; geometric improvements	2,133	Under construction
26		Various locations in District 6; joint sealing	445	FY 2013
27		Various locations in District 4; pavement markings	517	FY 2013
28		Repairs on Stormwater Facilities in various locations; drainage improvement	1,898	FY 2013
29		Install/upgrade Traffic barriers in District 6	588	Under construction
30		Sign Reflectivity Management Statewide; signing	8,000	FY 2013
31		Traffic Barrier in District 4; guard rail	416	Under construction
32		Friction Improvements in District 3 - Phase 3; joint sealing	3,029	FY 2013
33		Stormwater Management facilities at various locations Statewide; drainage improvement	2,717	Under construction
<u>Traffic Management</u>				
34		Various locations in District 3, 4 and 5; signalization	5,750	FY 2013

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<u>Fiscal Years 2013 and 2014 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
35		Various Locations in Districts 6 and 7; signalization	3,432	FY 2013
36		At various locations in District 5; signing	2,288	FY 2013
37		Various locations in District 5; signalization	5,875	FY 2013
38		Various locations; signalization	3,262	FY 2013
39		Various locations in District 1 and District 2; signing	1,144	FY 2013
40		Various locations in District 1; signing	2,383	FY 2013
41		Various locations in District 4; signalization	3,432	FY 2013
42		Various locations in District 4; sign structures	2,383	FY 2013
43		Various locations in District 3; sign structures	2,288	FY 2013
44		Various locations in District 3; signing	3,432	FY 2013
45		Various locations in District 1 and District 2; signalization	1,144	FY 2013
46		Various locations in District 6 and District 7; signalization	2,288	FY 2013
47		Various locations in District 3; signalization	6,029	FY 2013
48		Modify/Install/Reconstruct traffic signals - District 3; signalization	6,194	FY2012

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<b><u>Fiscal Years 2013 and 2014 (cont'd)</u></b>				
<b><u>Traffic Management (cont'd)</u></b>				
49		Install and modify Traffic Control devices in District 4; signalization	6,022	FY 2013
50		UPS/LED Signal installation/reconstruct in Districts in 3, 4, and 5	5,360	FY 2013
51		Various Locations in District 1 and 2; signalization	1,064	Under construction
52		Various Locations in District 4; lighting	1,783	FY 2013
53		Various Locations in District 1 and 2; signing	1,287	Under construction
54		Various Locations in District3; signalization	2,288	Under construction
55		Various Locations in District 3; signing	2,810	Under construction
56		Various Locations in District 5; signalization	2,104	Under construction
57		Various Locations in District 6 and 7; lighting	930	FY 2013
58		Various Locations in District 4; signing	2,999	Under construction
59		Various Locations in District 5; lighting	1,674	FY 2013
60		Various Locations in District 3; lighting	1,984	Under construction
61		Various Locations in District 6 and 7; signing	2,170	Under construction
62		Various Locations in District 1 and 2; lighting	1,300	FY 2013

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<b><u>Fiscal Years 2013 and 2014 (cont'd)</u></b>				
<b><u>Traffic Management (cont'd)</u></b>				
63		Various Locations in District 4; signalization	2,048	FY 2013
64		Various Locations in District 6 and 7; signalization	1,074	Under construction
65		Sign Lighting System (Lumitrak) (ARRA PROJECT)	2,541	Under construction
66		Interstate Highway Lighting - Phase 1 (ARRA PROJECT)	7,999	Under construction
67		Traffic Detection at Signalized Intersections District 3, 6 and 7 (ARRA PROJECT)	1,875	Under construction
68		UPS/LED - Phase 1 District 1, 2, 4 and 5 (ARRA PROJECT)	5,474	Under construction
<b><u>C.H.A.R.T. Projects</u></b>				
69		Statewide Automatic Vehicle Location Deployment	1,600	FY 2013
70		Road Weather Information Systems Upgrade	500	FY 2013
71		CHART Closed Circuit Television deployment - Phase 4	799	Under construction
72		CHART - Areawide Dynamic Message Signs Deployment - Phase 3	3,200	FY 2013
73		Back-up Power for CHART Cameras	1,818	FY 2013
74		First Responder Video Sharing	1,000	FY 2013
75		10 CCTV Cameras Project	700	FY 2013

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<b><u>Fiscal Years 2013 and 2014 (cont'd)</u></b>				
<b><u>C.H.A.R.T. Projects (cont'd)</u></b>				
76		Various Dynamic Message Signs Deployment (ARRA PROJECT)	3,538	Under construction
77		Statewide Dynamic Message Sign Upgrade/Replacement	2,393	Under construction
<b><u>Environmental Preservation</u></b>				
78		Various interchanges on US 50 and US 13; landscaping	915	FY 2013
79		Various interchanges on I 83, I 695 and I 95; landscaping	1,487	FY 2013
80		Various Interchanges on US 50 and MD 100	1,144	FY 2013
81		Various interchanges on I 70, I 68 and MD 200; landscaping	801	FY 2013
82		Various interchanges on I 70, I 95 ,US 29 and MD 100 ; landscaping	1,487	FY 2013
83		Landscaping at various locations in District 3 and District 5; landscaping	204	FY 2013
84		Landscaping at various locations in District 4 and District 7; landscaping	220	FY 2013
85		Landscaping at various locations in District 1 and District 2; landscaping	114	FY 2013
86		Seeding and plug installation at various locations in District 4,6 and 7; meadow enhancement by removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Transportation Enhancement Program)	83	Under construction
87		Native Plant establishment and Integrated Roadside vegetation Management in District 1 and 2; removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Transportation Enhancement)	148	Under construction

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<b><u>Fiscal Years 2013 and 2014 (cont'd)</u></b>				
<b><u>Environmental Preservation (cont'd)</u></b>				
88		Native Plant establishment and Integrated Roadside vegetation Management in District 3 and 5; removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Transportation Enhancement)	59	Underway
89		Tree Planting in District 1 and 2 (ARRA PROJECT)	270	Under construction
90		Wetland and reforestation in District 4 and 7 (ARRA PROJECT)	424	Under construction
91		Wetland and reforestation in District 5 (ARRA PROJECT)	236	Under construction
92		Wetland and reforestation in District 3 (ARRA PROJECT)	281	Under construction
93		Chesapeake Country National Scenic Byway Gateways; environmental preservation	60	Under construction
94	I 95	Vegetation Management at various interchanges between MD 100 to I 495; landscaping	2,517	FY 2013
95	US 301	Blue Star Memorial Highway; US 50 split to Delaware State Line; landscape	229	FY 2013
<b><u>Enhancements (cont'd)</u></b>				
<b><u>Archaeological Planning &amp; Research (cont'd)</u></b>				
96		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	Underway
<b><u>Landscaping/Scenic Beautification/Mitigation</u></b>				
97		Native Plant establishment and Integrated Roadside vegetation Management in District 3 and 5; removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Environmental Preservation)	127	Underway

**SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM**

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 11 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2012
<b><u>Fiscal Years 2013 and 2014 (cont'd)</u></b>				
<b><u>Enhancements (cont'd)</u></b>				
98		Native Plant establishment and Integrated Roadside vegetation Management in District 1 and 2; removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Environmental Preservation)	127	Underway
99		Seeding and plug installation at various locations in District 4,6 and 7; meadow enhancement by removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Environmental Preservation)	127	Underway
<b><u>Environmental Mitigation (cont'd)</u></b>				
100		Integrated Roadside Vegetation Management and Native Plant Establishment - US 50	193	Underway
101		Tree Planting at Various Locations in District 4	500	FY 2013
102		Tree planting SHA 2010; 750 acres of approximately 600 trees per acre	400	Completed
<b><u>Congressional Earmarks</u></b>				
103		Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)	0	