

**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 highway system more efficiently through the application of Intelligent Transportation System (ITS) technologies and interagency teamwork

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

- |  |   |
|--|---|
| <input 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:**

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

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Quality of Service                | <input checked="" type="checkbox"/> Safety & Security |
| <input checked="" type="checkbox"/> System Preservation & Performance | <input type="checkbox"/> Environmental Stewardship    |
| <input checked="" type="checkbox"/> Connectivity for Daily Life       |   |

**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 2011 - 16 CTP:** Added funding in FY17.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY						
					.....2014.....	.....2015.....	.....2016.....	.....2017.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	82,586	58,686	4,600	3,400	4,000	3,900	4,000	4,000	23,900	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	266,668	192,968	20,600	12,200	9,700	9,900	10,300	11,000	73,700	0	0
Total	349,254	251,654	25,200	15,600	13,700	13,800	14,300	15,000	97,600	0	0
Federal-Aid	346,490	258,650	22,680	14,040	12,330	12,420	12,870	13,500	87,840	0	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 or 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 2011 - 16 CTP:** Added funding in FY17.

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 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2014.....	.....2015.....	.....2016.....	.....2017.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	70,092	49,392	2,700	3,400	3,400	3,800	4,000	3,400	20,700	0
Right-of-way	17,565	13,365	600	700	700	700	800	700	4,200	0
Construction	364,876	274,876	12,300	18,600	15,100	16,900	12,800	14,300	90,000	0
Total	452,533	337,633	15,600	22,700	19,200	21,400	17,600	18,400	114,900	0
Federal-Aid	109,221	68,421	11,400	10,800	4,100	6,800	3,700	4,000	40,800	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 or 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:**

**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 2011 - 16 CTP:** Added funding in FY17.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY						
					.....2014.....	.....2015.....	.....2016.....	.....2017.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,747	4,147	100	100	100	100	100	100	600	0	0
Right-of-way	295	295	0	0	0	0	0	0	0	0	0
Construction	41,129	33,629	2,600	1,400	700	900	900	1,000	7,500	0	0
Total	46,171	38,071	2,700	1,500	800	1,000	1,000	1,100	8,100	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 (2011) - 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 or Not Subject to PFA Law

- |  |   |
|--|---|
| <input 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:**

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

- |   |   |
|---|---|
| <input type="checkbox"/> Quality of Service                           | <input type="checkbox"/> Safety & Security                    |
| <input checked="" type="checkbox"/> System Preservation & Performance | <input checked="" type="checkbox"/> Environmental Stewardship |
| <input type="checkbox"/> Connectivity for Daily Life                  |   |

**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 2011 - 16 CTP:** Added funding in FY17.

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 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2014.....	.....2015.....	.....2016.....	.....2017.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	36,354	34,904	500	150	200	200	200	200	1,450	0
Right-of-way	353	353	0	0	0	0	0	0	0	0
Construction	291,276	282,826	1,400	2,750	1,400	1,100	900	900	8,450	0
Total	327,983	318,083	1,900	2,900	1,600	1,300	1,100	1,100	9,900	0
Federal-Aid	222,098	217,698	1,200	1,600	800	800	0	0	4,400	0

**CLASSIFICATION:**

STATE - N/A

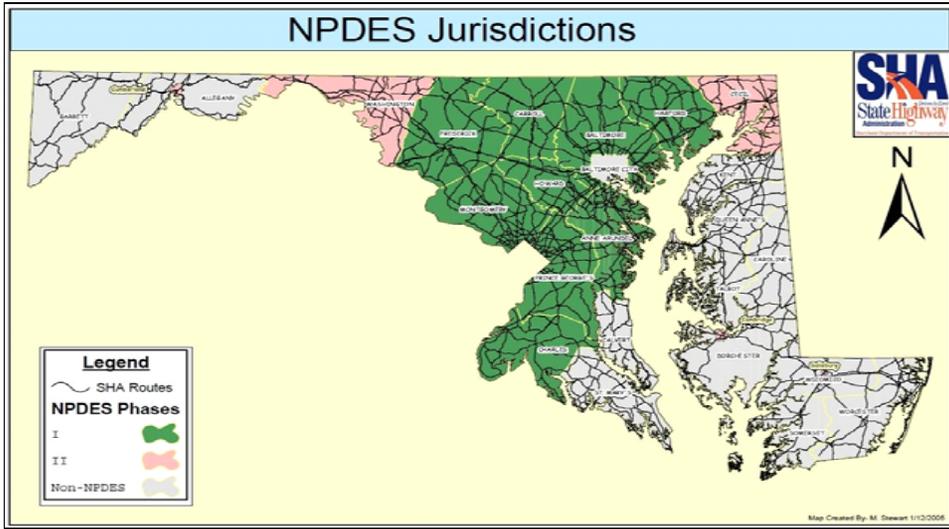
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 2020. 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 or 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:**

**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 2020 that will primarily reduce nitrogen, phosphorus and sediment loads in waters that drain to the Chesapeake Bay and that will result in approximately 30 % of impervious surface retrofit of 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 2011 - 16 CTP:** Added to the Construction Program.

PHASE	POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL		PROJECT CASH FLOW								
	ESTIMATED COST (\$000)	EXPEND THRU 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY						
				.....2014.....	.....2015.....	.....2016.....	.....2017.....				
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	35,240	500	10,367	10,872	6,363	7,138	0	0	34,740	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	15,660	0	4,433	5,228	4,137	1,862	0	0	15,660	0	
Total	50,900	500	14,800	16,100	10,500	9,000	0	0	50,400	0	
Federal-Aid	37,656	350	10,810	12,066	7,902	6,528	0	0	37,306	0	

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 or 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 2011 - 16 CTP:** Added to the Construction Program.

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 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2014.....	.....2015.....	.....2016.....	.....2017.....		
Planning	0	0	0	0	0	0	0	0	0	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	12,900	2,000	6,100	4,800	0	0	0	0	10,900	0
Total	12,900	2,000	6,100	4,800	0	0	0	0	10,900	0
Federal-Aid	9,030	1,400	4,270	3,360	0	0	0	0	7,630	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

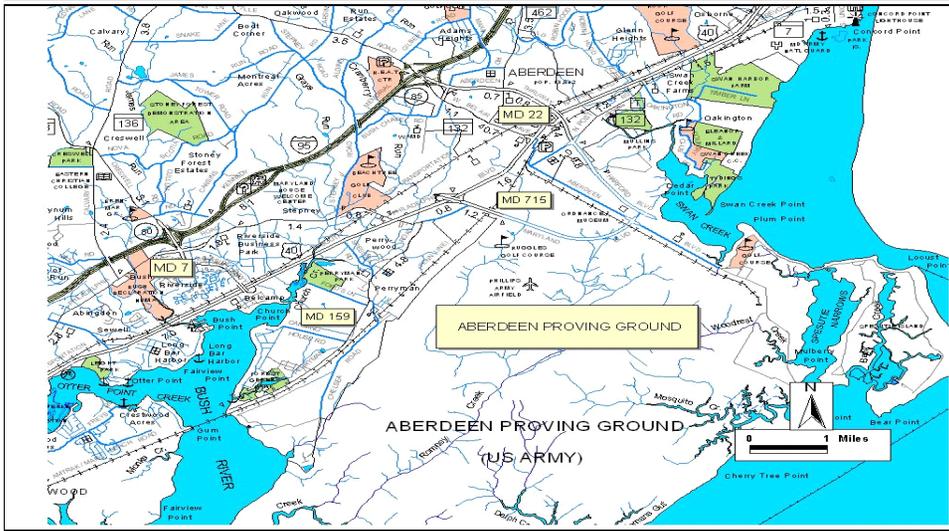
STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 or 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 24, Interchange at I-95 (Harford County Line 1)  
 US 40, Interchange at MD 715 (Harford County Line 3)  
 Perryman, Access Study (Harford County Line 5)

**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 underway.

**SIGNIFICANT CHANGE FROM FY 2011 - 16 CTP:** Moved \$4.7 million to Harford County Line 4 (US 40) for right-of-way and construction.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY						
					.....2014.....	.....2015.....	.....2016.....	.....2017.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	9,369	3,569	1,000	1,000	3,800	0	0	0	0	5,800	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	6,906	0	2,000	4,906	0	0	0	0	0	6,906	0
<b>Total</b>	<b>16,275</b>	<b>3,569</b>	<b>3,000</b>	<b>5,906</b>	<b>3,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,706</b>	<b>0</b>
Federal-Aid	14,187	2,056	2,900	5,806	3,425	0	0	0	0	12,131	0

**CLASSIFICATION:**

STATE - N/A

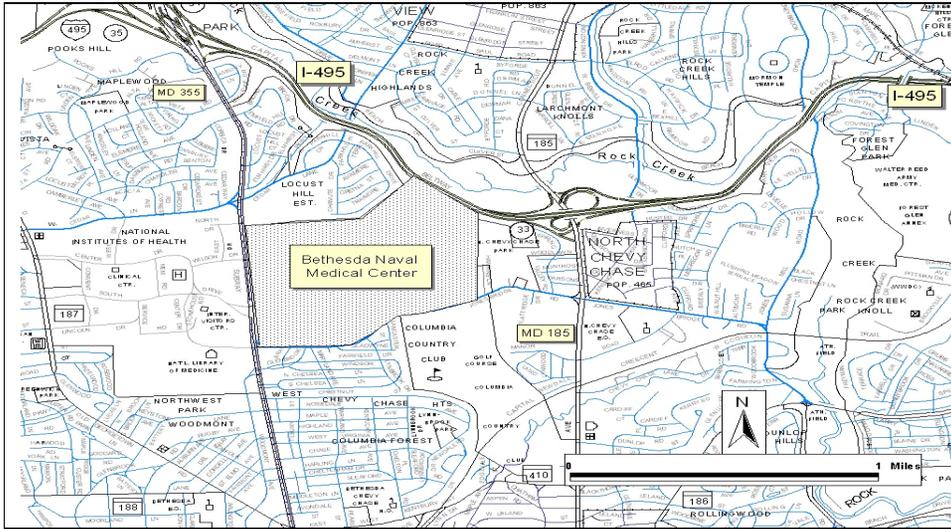
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 or 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:**

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2011 - 16 CTP:** Moved \$30.9 million to Montgomery County Lines 4-6 (MD 185 & MD 355) for right-of-way and construction.

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 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	.....2014.....	.....2015.....	.....2016.....	.....2017.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	7,552	4,802	2,000	750	0	0	0	0	2,750	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	7,552	4,802	2,000	750	0	0	0	0	2,750	0
Federal-Aid	3,716	2,264	702	750	0	0	0	0	1,452	0

**CLASSIFICATION:**

STATE - N/A

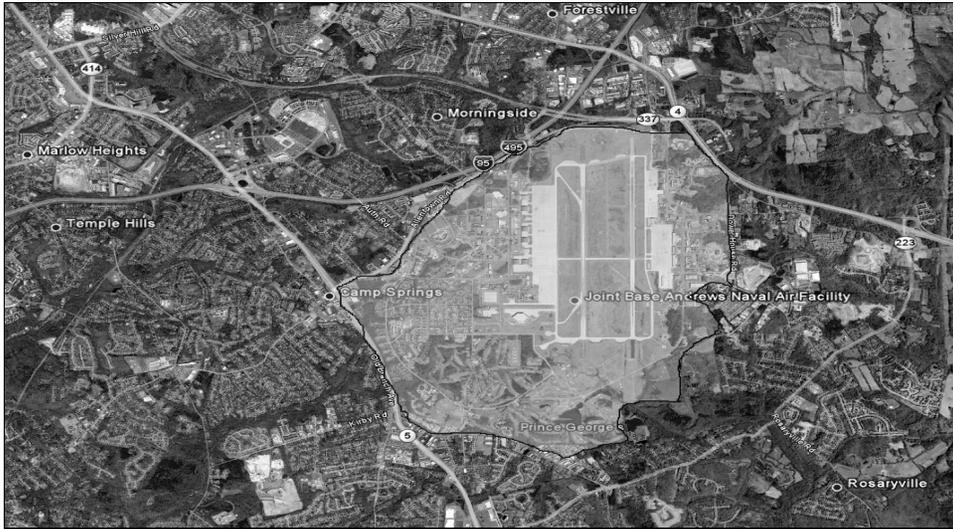
FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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 or 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 (Line 6)  
 I-95/495, Branch Ave. Metro Access (Line 8)  
 MD 4, at Suitland Parkway (line 10)  
 MD 4, MD 223 to I-95 (Line 11)  
 MD 5, US 301 to I-95 (line 12)

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2011 - 16 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 2011	CURRENT YEAR 2012	BUDGET YEAR 2013	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2014.....	.....2015.....	.....2016.....	.....2017.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,497	300	1,500	1,500	1,197	0	0	0	4,197	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	4,497	300	1,500	1,500	1,197	0	0	0	4,197	0
Federal-Aid	4,497	300	1,500	1,500	1,197	0	0	0	4,197	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2011) - 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, 2011
		<b><u>Fiscal Year 2011 Completions</u></b>		
		<b><u>Resurface/Rehabilitate</u></b>		
1		Various Locations in Calvert, Charles and St. Mary's County; joint sealing	563	Completed
2		Various Improvements for District 5; resurfacing (ARRA PROJECT)	581	Completed
3		Various Improvements for District 1; resurfacing (ARRA PROJECT)	380	Completed
4		Various Improvements for District 2; resurfacing (ARRA PROJECT)	299	Completed
5		Various Improvements for District 4; resurfacing (ARRA PROJECT)	462	Completed
6		Various Improvements for District 7; resurfacing (ARRA PROJECT)	581	Completed
7		Various Improvements for District 3; resurfacing (ARRA PROJECT)	468	Completed
		<b><u>Bridge Replacement/Rehabilitation</u></b>		
8		Cleaning and Painting of 6 bridges in Dorchester, Somerset County	1,269	Completed
9		Cleaning and Painting of 17 bridges in Caroline, Cecil, Kent, Queen Anne's, and Talbot County	2,020	Completed
		<b><u>Safety/Spot Improvement</u></b>		
10		Various guardrail improvements in District 5 (ARRA PROJECT)	834	Completed
11		Various guardrail improvements in District 4 (ARRA PROJECT)	834	Completed
12		Various guardrail improvements in District 3 (ARRA PROJECT)	853	Completed

**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, 2011
<b><u>Fiscal Year 2011 Completions (cont'd)</u></b>				
<b><u>Safety/Spot Improvement (cont'd)</u></b>				
13		Various guardrail improvements in District 2 (ARRA PROJECT)	2,284	Completed
14		Various guardrail improvements in District 1 (ARRA PROJECT)	1,616	Completed
15		Various guardrail improvements in District 6 and District 7 (ARRA PROJECT)	1,905	Completed
16	I 68	National Freeway; Orleans Road to Sandy Mile; guardrail improvements (ARRA PROJECT)	1,251	Completed
17	I 270	Dwight D. Eisenhower Highway; various locations on I 270; guard rails	1,398	Completed
<b><u>Traffic Management</u></b>				
18		Various Locations in District 5; signing	2,500	Completed
19		Install and Upgrade Areawide Signing (ARRA PROJECT)	5,922	Completed
20		UPS/LED - Phase 1; District 3, 6 and 7 (ARRA PROJECT)	6,064	Completed
21		Various signals and reconstructs in District 3; traffic management	5,121	Completed
22		Traffic Detection at Signalized Intersections District 1, 2, 4 and 5 (ARRA PROJECT)	1,825	Completed
<b><u>C.H.A.R.T. Projects</u></b>				
23		Statewide CCTV Camera Deployment	2,255	Completed

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**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, 2011
<b><u>Fiscal Year 2011 Completions (cont'd)</u></b>				
<b><u>Environmental Preservation</u></b>				
24	I 70	Dwight D. Eisenhower Highway; Hollow Road to MD 68 in Washington County; reforestation	324	Completed
25	MD 100	I 97 to I 95; turfgrass restoration	91	Completed
26	MD 295	Baltimore Washington Parkway; I 695 to Baltimore City Line; landscaping	78	Completed
<b><u>Fiscal Years 2012 and 2013</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
27		Various locations in District 5 and Prince George's County; drainage	2,820	FY 2012
28		Concrete pavement repairs at various locations in District 5	724	FY 2012
29		Install/upgrade Traffic barrier at various locations in District 6	725	FY 2012
30		Traffic barrier upgrades at various locations in District 3	931	FY 2012
31		Various Locations in District 5; slurry seal	2,605	FY 2012
<b><u>Bridge Replacement/Rehabilitation</u></b>				
32		Cleaning and Painting of 7 bridges in Wicomico and Worcester County	1,321	Under construction
<b><u>Safety/Spot Improvement</u></b>				
33		Install/upgrade Traffic barriers in District 6	588	Under construction

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**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, 2011
<u>Fiscal Years 2012 and 2013 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
34		Sign Reflectivity Management Statewide; signing	9,152	FY 2013
35		Traffic Barrier in District 4; guard rail	406	FY 2012
36		Friction Improvements in District 3 - Phase 3; joint sealing	3,029	FY 2012
37		Replace/Upgrade Traffic Barriers at various locations in District 5; guardrails	1,199	FY 2012
38		Various locations in District 1 along MD 90, US 113 and US 13 Bus.; traffic barrier improvements	6,450	FY 2012
39		Stormwater Management facilities at various locations Statewide; drainage improvement	2,223	Under construction
<u>Traffic Management</u>				
40		Install and modify Traffic Control devices in District 4; signalization	5,720	FY 2013
41		UPS/LED Signal installation/reconstruct in Districts in 3, 4, and 5	5,347	FY 2012
42		Various Locations in District 1 and 2; signalization	1,144	Under construction
43		Various Locations in District 4; lighting	1,783	FY 2012
44		Various Locations in District 1 and 2; signing	1,287	Under construction
45		Various Locations in District3; signalization	2,288	Under construction
46		Various Locations in District 3; signing	3,527	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, 2011
<u>Fiscal Years 2012 and 2013 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
47		Various Locations in District 5; signalization	2,288	Under construction
48		Various Locations in District 6 and 7; lighting	930	FY 2012
49		Various Locations in District 4; signing	3,527	Under construction
50		Various Locations in District 5; lighting	1,674	FY 2012
51		Various Locations in District 3; lighting	1,984	Under construction
52		Various Locations in District 6 and 7; signing	2,229	Under construction
53		Various Locations in District 1 and 2; lighting	1,300	FY 2012
54		Various Locations in District 4; signalization	2,288	FY 2012
55		Various Locations in District 6 and 7; signalization	1,074	Under construction
56		Sign Lighting System (Lumitrak) (ARRA PROJECT)	2,541	Under construction
57		Interstate Highway Lighting - Phase 1 (ARRA PROJECT)	7,999	Under construction
58		Traffic Detection at Signalized Intersections District 3, 6 and 7 (ARRA PROJECT)	1,875	Under construction
59		UPS/LED - Phase 1 District 1, 2, 4 and 5 (ARRA PROJECT)	5,474	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, 2011
<b><u>Fiscal Years 2012 and 2013 (cont'd)</u></b>				
<b><u>C.H.A.R.T. Projects</u></b>				
60		Statewide Automatic Vehicle Location Deployment	1,600	FY 2013
61		Road Weather Information Systems Upgrade	500	FY 2013
62		CHART Closed Circuit Television deployment - Phase 4	801	FY 2012
63		CHART - Areawide Dynamic Message Signs Deployment - Phase 3	3,200	FY 2013
64		Portable Trailer Mount Cameras for CHART	400	FY 2013
65		Back-up Power for CHART Cameras	2,706	FY 2013
66		First Responder Video Sharing	1,000	FY 2013
67		10 CCTV Cameras Project	700	FY 2013
68		Various Dynamic Message Signs Deployment (ARRA PROJECT)	3,538	Under construction
69		Statewide Dynamic Message Sign Upgrade/Replacement	2,393	Under construction
<b><u>Environmental Preservation</u></b>				
70		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)	102	Under construction
71		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)	102	Under construction

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**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, 2011
<b><u>Fiscal Years 2012 and 2013 (cont'd)</u></b>				
<b><u>Environmental Preservation (cont'd)</u></b>				
72		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)	102	FY 2012
73		Tree Planting in District 1 and 2 (ARRA PROJECT)	241	Under construction
74		Wetland and reforestation in District 4 and 7 (ARRA PROJECT)	352	Under construction
75		Wetland and reforestation in District 5 (ARRA PROJECT)	236	Under construction
76		Wetland and reforestation in District 3 (ARRA PROJECT)	212	Under construction
77		Chesapeake Country National Scenic Byway Gateways; environmental preservation	69	Under construction
78	MD 70 NB	Rowe Boulevard; Taylor Avenue to Farragut Road; landscaping	79	Under construction
79	US 301	Blue Star Memorial Highway; MD 301/US 50 split to Delaware State Line; landscaping (ARRA PROJECT)	472	Under Construction
<b><u>Enhancements (cont'd)</u></b>				
<b><u>Archaeological Planning &amp; Research (cont'd)</u></b>				
80		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	FY 2012

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**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, 2011
<b><u>Fiscal Years 2012 and 2013 (cont'd)</u></b>				
<b><u>Enhancements (cont'd)</u></b>				
<b><u>Landscaping/Scenic Beautification/Mitigation</u></b>				
81		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	FY 2012
82		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	FY 2012
83		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	FY 2012
84		Maryland Roadside Debris and Safety Campaign; educate the motoring public about the dangers and hazards of roadside debris	100	Underway
<b><u>Environmental Mitigation</u></b>				
85		Integrated Roadside Vegetation Management and Native Plant Establishment - US 50	193	FY 2013
86		Tree Planting at Various Locations in District 4	500	FY 2012
87		Tree Planting at Various Locations in District 7	750	FY 2012
88		Tree Planting at Various Locations in District 3	250	FY 2012
89		Tree planting SHA 2010; 750 acres of approximately 600 trees per acre	400	FY 2012
90		Statewide tree planting; Fifty to one hundred acres, plant approximately 200 trees per acre	415	Underway

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**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, 2011
91		<p align="center"><u>Fiscal Years 2012 and 2013 (cont'd)</u></p> <p align="center"><u>Congressional Earmarks</u></p> <p>Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)</p>	0	