

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 2010 - 15 CTP: Added funding in FY16.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY						
					.....2013....	.....2014....	.....2015....	.....2016....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	75,786	51,186	4,700	4,600	3,400	4,000	3,900	4,000	24,600	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	258,968	192,968	13,700	13,000	8,900	10,000	10,000	10,400	66,000	0	0
Total	334,754	244,154	18,400	17,600	12,300	14,000	13,900	14,400	90,600	0	0
Federal-Aid	324,890	243,350	16,560	15,840	11,070	12,600	12,510	12,960	81,540	0	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - 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 2010 - 15 CTP: Added funding in FY16.

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 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2013.....	.....2014.....	.....2015.....	.....2016.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	68,592	48,042	3,250	2,700	3,400	3,400	3,800	4,000	20,550	0
Right-of-way	16,865	12,715	650	600	700	700	700	800	4,150	0
Construction	341,476	263,176	12,400	6,700	14,800	15,000	16,500	12,900	78,300	0
Total	426,933	323,933	16,300	10,000	18,900	19,100	21,000	17,700	103,000	0
Federal-Aid	92,121	65,121	2,800	3,000	7,000	4,000	6,400	3,800	27,000	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - 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 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 2010 - 15 CTP: Added funding in FY16.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY						
					.....2013....	.....2014....	.....2015....	.....2016....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,697	4,097	100	100	100	100	100	100	600	0	0
Right-of-way	295	295	0	0	0	0	0	0	0	0	0
Construction	38,179	33,079	1,000	1,000	600	700	900	900	5,100	0	0
Total	43,171	37,471	1,100	1,100	700	800	1,000	1,000	5,700	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 (2010) - 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

- 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 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 2010 - 15 CTP: Added funding in FY16.

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 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2013.....	.....2014.....	.....2015.....	.....2016.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	36,654	33,954	1,450	500	150	200	200	200	2,700	0
Right-of-way	353	353	0	0	0	0	0	0	0	0
Construction	289,676	278,976	3,350	4,200	550	600	1,100	900	10,700	0
Total	326,683	313,283	4,800	4,700	700	800	1,300	1,100	13,400	0
Federal-Aid	217,998	215,598	2,100	300	0	0	0	0	2,400	0

CLASSIFICATION:

STATE - N/A

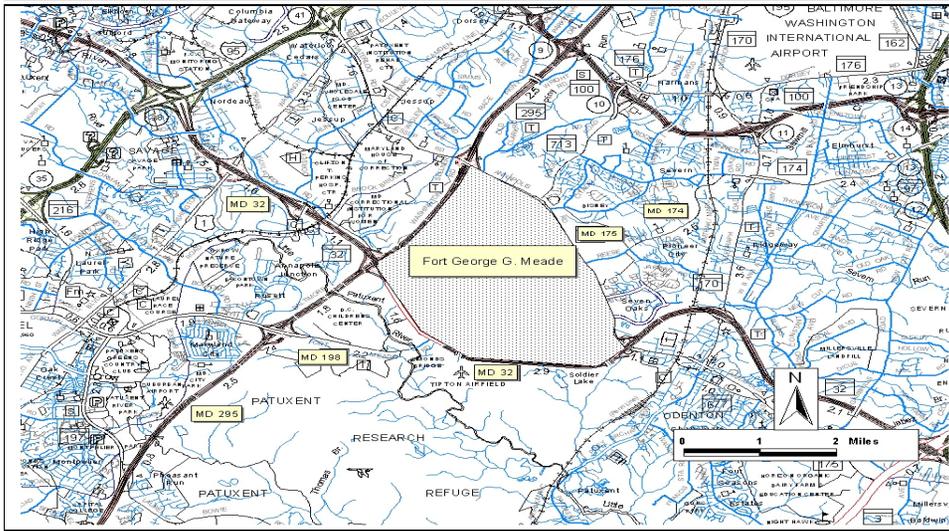
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - 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 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:

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

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 and Right-of-way underway. Construction to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2010 - 15 CTP: The increase of \$16.1 million reflects the addition of \$2.8 million of FY10 Federal Aid Appropriation Funds, \$5.0 million moved from the MD 175 project and \$8.3 of Federal Funding added to the program.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY						
					.....2013.....	.....2014.....	.....2015.....	.....2016.....			
Planning	1,000	0	750	250	0	0	0	0	0	1,000	0
Engineering	9,262	4,710	2,500	2,052	0	0	0	0	0	4,552	0
Right-of-way	11,000	1,191	2,095	7,714	0	0	0	0	0	9,809	0
Construction	29,252	0	3,820	15,293	10,139	0	0	0	0	29,252	0
Total	50,514	5,901	9,165	25,309	10,139	0	0	0	0	44,613	0
Federal-Aid	44,457	1,637	7,924	24,757	10,139	0	0	0	0	42,820	0

CLASSIFICATION:

STATE - N/A

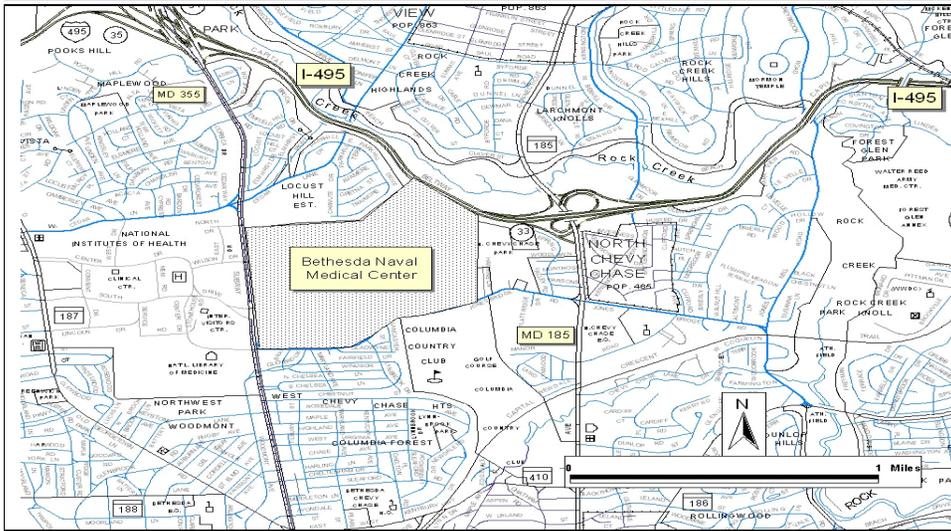
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - 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.

PURPOSE & NEED SUMMARY STATEMENT: Improved access to Bethesda Naval Center 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:

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 Bethesda Naval Medical Center 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. Right-of-Way acquisition to begin during current fiscal year. Construction to begin during budget fiscal year.

SIGNIFICANT CHANGE FROM FY 2010 - 15 CTP: The increase of \$4.4 million reflects the addition of FY10 Federal Aid Appropriation Funds.

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 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2013.....	.....2014.....	.....2015.....	.....2016.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,100	4,802	1,298	0	0	0	0	0	1,298	0
Right-of-way	10,390	0	4,490	5,900	0	0	0	0	10,390	0
Construction	22,015	0	0	8,350	13,400	265	0	0	22,015	0
Total	38,505	4,802	5,788	14,250	13,400	265	0	0	33,703	0
Federal-Aid	34,669	2,264	4,490	14,250	13,400	265	0	0	32,405	0

CLASSIFICATION:

STATE - N/A

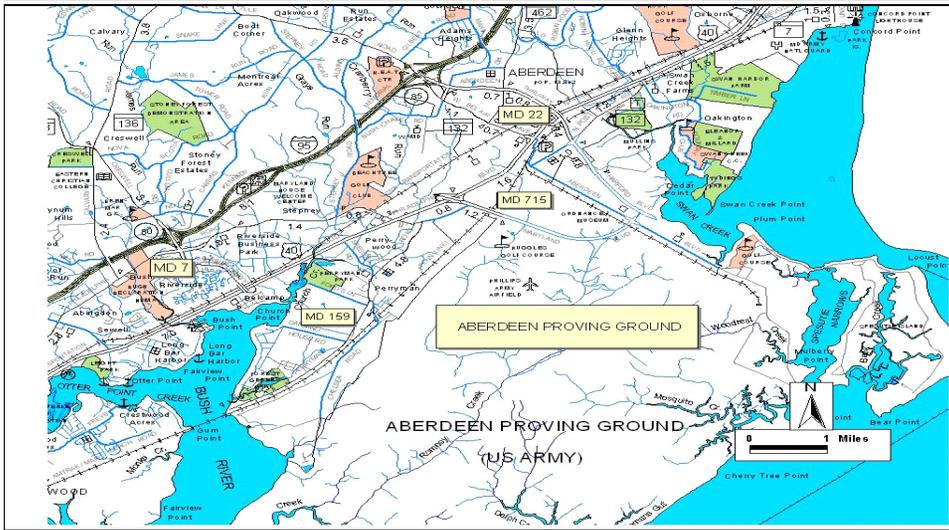
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - 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.

JUSTIFICATION: 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 4)

STATUS: Engineering underway. Right-of-Way to begin during current fiscal year. Construction to begin during budget fiscal year.

SIGNIFICANT CHANGE FROM FY 2010 - 15 CTP: The increase of \$17.5 million reflects the addition of \$2.9 million of FY10 Federal Aid Appropriation Funds, \$7.5 million moved from the US 40 at MD 715 project (low bid) and \$7.1 of Federal Funding added to the program.

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 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY					
					.....2013.....	.....2014.....	.....2015.....	.....2016.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	9,369	2,994	4,000	1,700	675	0	0	0	6,375	0
Right-of-way	700	0	400	300	0	0	0	0	700	0
Construction	10,453	0	0	5,226	5,227	0	0	0	10,453	0
Total	20,522	2,994	4,400	7,226	5,902	0	0	0	17,528	0
Federal-Aid	18,434	1,506	4,200	7,026	5,702	0	0	0	16,928	0

CLASSIFICATION:

STATE - N/A

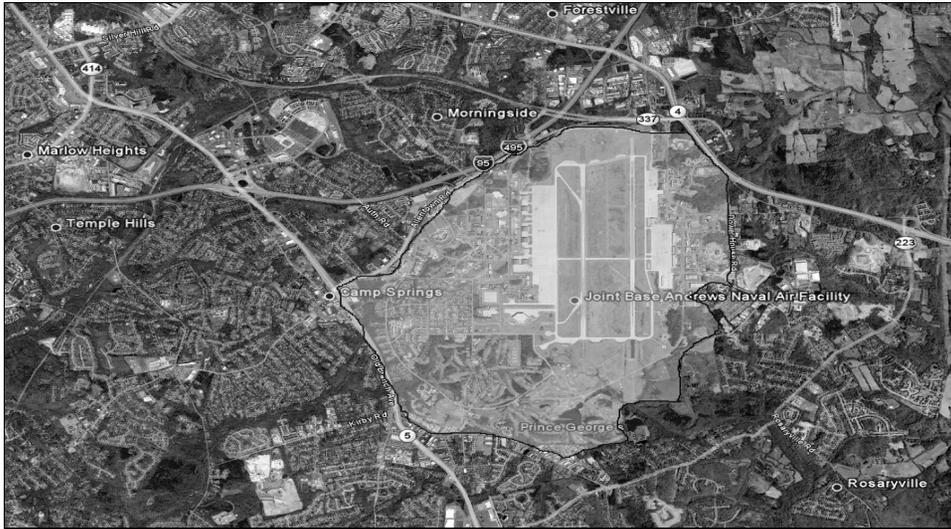
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - 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 2010 - 15 CTP: Added to the Development and Evaluation 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 2010	CURRENT YEAR 2011	BUDGET YEAR 2012	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2013.....	.....2014.....	.....2015.....	.....2016.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,497	0	500	2,000	1,497	500	0	0	4,497	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	0	500	2,000	1,497	500	0	0	4,497	0
Federal-Aid	4,497	0	500	2,000	1,497	500	0	0	4,497	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2010) - N/A

PROJECTED (2030) - N/A

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
<u>Fiscal Years 2011 and 2012</u>				
<u>Resurface/Rehabilitate</u>				
1		Various Locations in Calvert, Charles and St. Mary's County; joint sealing	563	FY 2012
2		Various Locations in District 5; signing	2,229	FY 2012
3		Various Locations in District 5; slurry seal	2,605	FY 2012
4		Various Improvements for District 5; resurfacing (ARRA PROJECT)	581	Under construction
5		Various Improvements for District 1; resurfacing (ARRA PROJECT)	380	Under construction
6		Various Improvements for District 2; resurfacing (ARRA PROJECT)	299	Under construction
7		Various Improvements for District 4; resurfacing (ARRA PROJECT)	442	Under construction
8		Various Improvements for District 7; resurfacing (ARRA PROJECT)	581	Under construction
9		Various Improvements for District 3; resurfacing (ARRA PROJECT)	468	Under construction
<u>Bridge Replacement/Rehabilitation</u>				
10		Cleaning and Painting of 6 bridges in Dorchester, Somerset County	1,269	FY 2011
11		Cleaning and Painting of 17 bridges in Caroline, Cecil, Kent, Queen Anne's, and Talbot County	2,020	FY 2011
12		Cleaning and Painting of 7 bridges in Wicomico and Worcester County	1,295	FY 2011

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
<u>Fiscal Years 2011 and 2012 (cont'd)</u>				
<u>Safety/Spot Improvement</u>				
13		Traffic Barrier in District 4; guard rail	353	FY 2012
14		Friction Improvements in District 3 - Phase 3; joint sealing	3,750	FY 2012
15		Replace/Upgrade Traffic Barriers at various locations in District 5; guardrails	1,199	FY 2012
16		Various locations in District 1 along MD 90, US 113 and US 13 Bus.; traffic barrier improvements	6,450	FY 2012
17		Install/upgrade Traffic barriers in District 6	480	FY 2011
18		Stormwater Management facilities at various locations Statewide; drainage improvement	2,223	FY 2011
19		Various guardrail improvements in District 5 (ARRA PROJECT)	834	Under construction
20		Various guardrail improvements in District 4 (ARRA PROJECT)	834	FY 2011
21		Various guardrail improvements in District 3 (ARRA PROJECT)	853	Under construction
22		Various guardrail improvements in District 2 (ARRA PROJECT)	2,284	FY 2011
23		Various guardrail improvements in District 1 (ARRA PROJECT)	1,616	FY 2011
24		Various guardrail improvements in District 6 and District 7 (ARRA PROJECT)	1,905	Under construction
25	I 68	National Freeway; Orleans Road to Sandy Mile; guardrail improvements (ARRA PROJECT)	1,251	FY 2011
26	I 270	Dwight D. Eisenhower Highway; various locations on I 270; guard rails	1,398	Under Construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
<u>Fiscal Years 2011 and 2012 (cont'd)</u>				
<u>Traffic Management</u>				
27		Various Locations in District 1 and 2; signalization	1,144	FY 2012
28		Various Locations in District 4; lighting	2,288	FY 2012
29		Various Locations in District 1 and 2; signing	1,287	FY 2012
30		Various Locations in District3; signalization	2,288	FY 2012
31		Various Locations in District 3; signing	3,527	FY 2012
32		Various Locations in District 5; signalization	2,288	FY 2012
33		Various Locations in District 6 and 7; lighting	1,144	FY 2012
34		Various Locations in District 4; signing	3,527	FY 2012
35		Various Locations in Distict 5; lighting	2,288	FY 2012
36		Various Locations in District 3; lighting	2,288	FY 2012
37		Various Locations in District 6 and 7; signing	2,229	FY 2012
38		Various Locations in District 1 and 2; lighting	1,716	FY 2012
39		Various Locations in District 4; signalization	2,288	FY 2012
40		Various Locations in District 6 and 7; signalization	1,144	FY 2012

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
<u>Fiscal Years 2011 and 2012 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
41		Install and Upgrade Areawide Signing (ARRA PROJECT)	5,922	Under construction
42		Sign Lighting System (Lumitrak) (ARRA PROJECT)	2,541	Under construction
43		UPS/LED - Phase 1; District 3, 6 and 7 (ARRA PROJECT)	6,064	Under construction
44		Interstate Highway Lighting - Phase 1 (ARRA PROJECT)	8,062	FY 2011
45		Traffic Detection at Signalized Intersections District 3, 6 and 7 (ARRA PROJECT)	1,673	Under construction
46		Various signals and reconstructs in District 3; traffic management	5,121	Under construction
47		UPS/LED - Phase 1 District 1, 2, 4 and 5 (ARRA PROJECT)	5,279	Under construction
48		Traffic Detection at Signalized Intersections District 1, 2, 4 and 5 (ARRA PROJECT)	1,825	Under construction
<u>C.H.A.R.T. Projects</u>				
49		Various Dynamic Message Signs Deployment (ARRA PROJECT)	3,599	Under construction
50		Statewide Dynamic Message Sign Upgrade/Replacement	2,393	Underway
51		Statewide CCTV Camera Deployment	2,255	Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
<u>Fiscal Years 2011 and 2012 (cont'd)</u>				
<u>Environmental Preservation</u>				
52		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	FY 2011
53		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	FY 2011
54		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
55		Tree Planting in District 1 and 2 (ARRA PROJECT)	241	Under construction
56		Wetland and reforestation in District 4 and 7 (ARRA PROJECT)	352	Under construction
57		Wetland and reforestation in District 5 (ARRA PROJECT)	236	FY 2011
58		Wetland and reforestation in District 3 (ARRA PROJECT)	212	Under construction
59		Chesapeake Country National Scenic Byway Gateways; environmental preservation	69	Under construction
60	I 70	Dwight D. Eisenhower Highway; Hollow Road to MD 68 in Washington County; reforestation	324	Under construction
61	MD 100	I 97 to I 95; turfgrass restoration	91	Under Construction
62	MD 295	Baltimore Washington Parkway; I 695 to Baltimore City Line; landscaping	78	Under construction
63	US 301	Blue Star Memorial Highway; US 50 to the Delaware State line; landscaping (ARRA PROJECT)	144	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
		<u>Fiscal Years 2011 and 2012 (cont'd)</u>		
		<u>Environmental Preservation (cont'd)</u>		
64	US 301	Blue Star Memorial Highway; MD 301/US 50 split to Delaware State Line; landscaping (ARRA PROJECT)	116	Under Construction
		<u>Enhancements (cont'd)</u>		
		<u>Archaeological Planning & Research (cont'd)</u>		
65		SHA's 100 Year History Project - full color commemorative book of roads and bridges in Maryland encompassing the years of 1908-2008	650	Completed
66		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	FY 2011
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
67		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
68		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
69		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
70		Maryland Roadside Debris and Safety Campaign; educate the motoring public about the dangers and hazards of roadside debris	100	Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2010
<u>Fiscal Years 2011 and 2012 (cont'd)</u>				
<u>Enhancements (cont'd)</u>				
<u>Environmental Mitigation</u>				
71		Tree planting SHA 2010; 750 acres of approximately 600 trees per acre	400	FY 2012
72		Tree planting DNR 2010; 1500 acres of approximately 600 trees per acre	600	FY 2012
73		Statewide tree planting; Fifty to one hundred acres, plant approximately 200 trees per acre	415	Underway
<u>Congressional Earmarks</u>				
74		Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)	0	