

**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.

**JUSTIFICATION:** 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

<b>Federal Funding By Year of Obligation</b>						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	3450	2730	1715	1586	5164	CMAQ/STP
RW	0	0	0	0	0	----
CO	7184	5814	3564	3254	10587	CMAQ/STP

**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 2007 - 12 CTP:** Added \$22.0 million for CHART and \$4.0 million for "511" to FY08-13 due to the Revenue Increase. Also, added funding in FY13.

<b>POTENTIAL FUNDING SOURCE:</b>		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	<b>PROJECT CASH FLOW</b>									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2010.....	.....2011.....	.....2012.....	.....2013.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	62,556	37,491	4,470	5,180	4,355	3,900	3,490	3,670	25,065	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	216,175	164,040	9,330	11,020	9,045	8,000	7,410	7,330	52,135	0
Total	278,731	201,531	13,800	16,200	13,400	11,900	10,900	11,000	77,200	0
Federal-Aid	215,502	170,446	10,648	8,536	5,280	4,840	6,776	8,976	45,056	0

**FUNCTION :**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT 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.

**JUSTIFICATION:** 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

<b>Federal Funding By Year of Obligation</b>						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	6100	6300	6000	4900	9900	STP

**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 2007 - 12 CTP:** Added \$22.5 million to FY09-13 due to the Revenue Increase. Also, added funding in FY13.

<b>POTENTIAL FUNDING SOURCE:</b>		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	<b>PROJECT CASH FLOW</b>									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2010.....	.....2011.....	.....2012.....	.....2013.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	77,148	42,613	3,180	7,340	5,570	5,555	5,525	7,365	34,535	0
Right-of-way	13,072	8,297	1,655	845	640	645	640	350	4,775	0
Construction	314,543	176,153	36,665	25,315	18,790	18,800	18,835	19,985	138,390	0
Total	404,763	227,063	41,500	33,500	25,000	25,000	25,000	27,700	177,700	0
Federal-Aid	80,121	46,921	6,100	6,300	6,000	4,900	3,800	6,100	33,200	0

**FUNCTION :**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

**OPERATING COST IMPACT** N/A

A complete list of projects is shown in the front of this CTP.



**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.

**JUSTIFICATION:** 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

<b>Federal Funding By Year of Obligation</b>						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**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 2007 - 12 CTP:** Added funding in FY13.

PHASE	POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input 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 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY						
				.....2010.....	.....2011.....	.....2012.....	.....2013.....				
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	4,755	3,425	200	200	200	220	250	260	1,330	0	
Right-of-way	420	270	25	25	25	25	25	25	150	0	
Construction	39,903	28,183	1,775	1,775	1,775	1,955	2,225	2,215	11,720	0	
Total	45,078	31,878	2,000	2,000	2,000	2,200	2,500	2,500	13,200	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

**FUNCTION :**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT N/A

A complete list of projects is shown in the front of this CTP.



**PROJECT:** Sound Barrier Program

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

**JUSTIFICATION:** 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

<b>Federal Funding By Year of Obligation</b>						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	3100	5400	1900	700	7900	NHS

**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 2007 - 12 CTP:** Added \$5.3 million in FY09-13 due to the Revenue Increase. Also, added funding in FY13.

PHASE	POTENTIAL FUNDING SOURCE:									
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
	PROJECT CASH FLOW									
TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
				.....2010.....	.....2011.....	.....2012.....	.....2013.....			
Planning	0	0	0	0	0	0	0	0	0	
Engineering	37,048	30,388	1,869	1,165	1,190	1,326	640	470	6,660	
Right-of-way	353	353	0	0	0	0	0	0	0	
Construction	286,403	257,763	5,131	7,835	5,110	2,274	3,960	4,330	28,640	
Total	323,804	288,504	7,000	9,000	6,300	3,600	4,600	4,800	35,300	
Federal-Aid	217,798	198,798	3,100	5,400	1,900	700	3,900	4,000	19,000	

**FUNCTION :**

STATE - N/A

FEDERAL - N/A

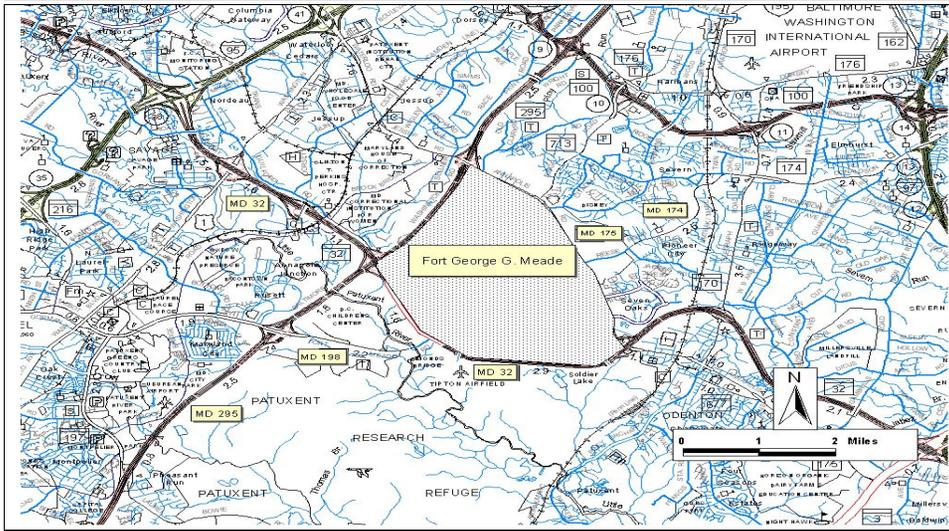
STATE SYSTEM : N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT 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.

**JUSTIFICATION:** 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

MD 175, MD 295 to MD 170 (Line 7)  
MD 198, MD 295 to MD 32 (Line 8)

Federal Funding By Year of Obligation						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2007 - 12 CTP:** Added to Construction Program due to the Revenue Increase.

PHASE	POTENTIAL FUNDING SOURCE:		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY						
					.....2010.....	.....2011.....	.....2012.....	.....2013.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	7,400	0	500	3,700	3,200	0	0	0	0	7,400	0
Right-of-way	15,000	0	0	0	5,000	10,000	0	0	0	15,000	0
Construction	25,500	0	0	0	0	13,500	12,000	0	0	25,500	0
Total	47,900	0	500	3,700	8,200	23,500	12,000	0	0	47,900	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

**FUNCTION:**

STATE - N/A

FEDERAL - N/A

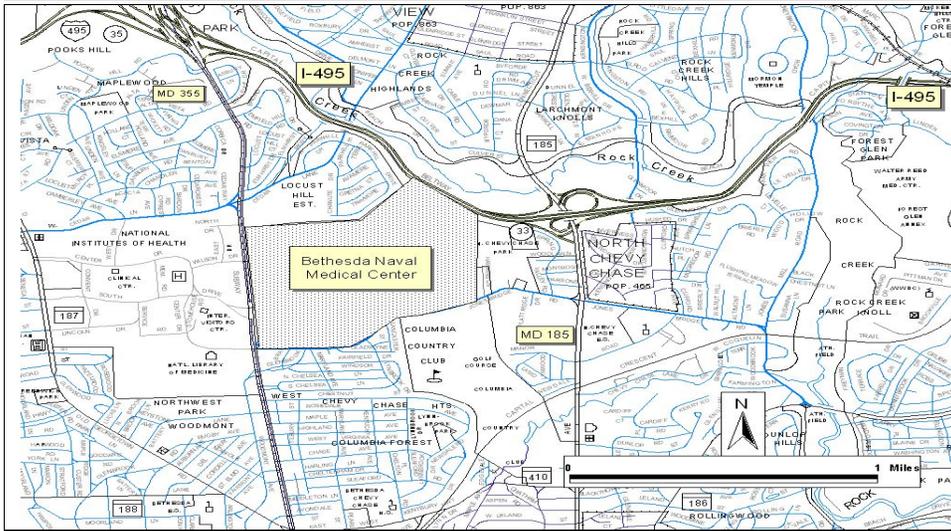
STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT 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. Bicycles 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Federal Funding By Year of Obligation						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	450	0	0	0	0	OEA Grant
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2007 - 12 CTP:** Added to the Construction Program due to the Revenue Increase. Funding includes \$0.5 million from federal grant.

PHASE	POTENTIAL FUNDING SOURCE:				PROJECT CASH FLOW					SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY						
					.....2010.....	.....2011.....	.....2012.....	.....2013.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	6,100	0	250	3,050	2,800	0	0	0	0	6,100	0
Right-of-way	22,500	0	0	7,500	15,000	0	0	0	0	22,500	0
Construction	16,700	0	0	0	11,000	5,700	0	0	0	16,700	0
Total	45,300	0	250	10,550	28,800	5,700	0	0	0	45,300	0
Federal-Aid	450	0	225	225	0	0	0	0	0	450	0

**FUNCTION:**

STATE - N/A

FEDERAL - N/A

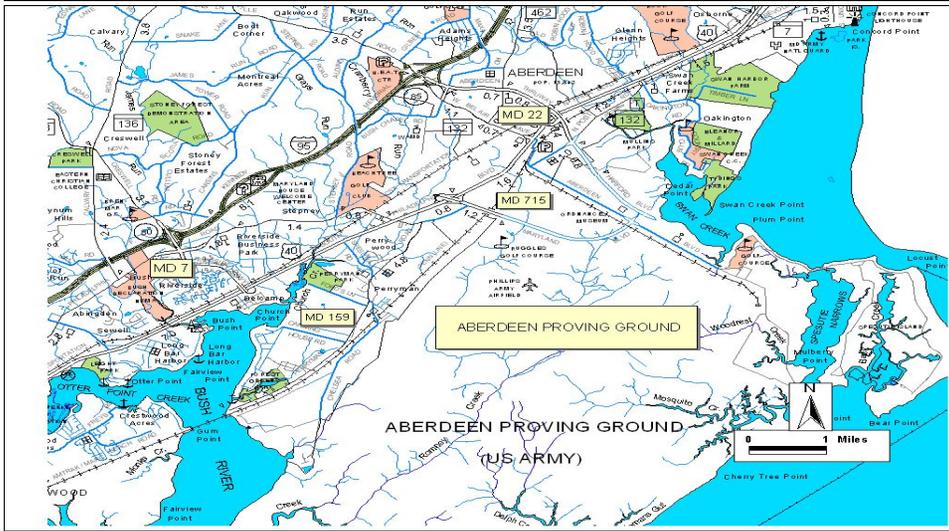
STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT 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 Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- MD 24, Interchange at I-95 (Line 1)
- US 40, MD 152 to MD 24 (Line 4)
- Perryman, Access Study (Line 5)
- US 40, Interchange at MD 715 (Line 8)

**STATUS:** Engineering underway.

**SIGNIFICANT CHANGE FROM FY 2007 - 12 CTP:** Added to the Construction Program due to the Revenue Increase. Funding includes \$0.9 million from a federal grant. It is expected that Federal High Priority Funding from the US 40 interchange at MD 715 (Line 8) will be used to construct improvements at US 40 at MD 715 and MD 715 at MD 7.

Federal Funding By Year of Obligation						
PHASE	FFY 2008	FFY 2009	FFY 2010	FFY 2011	FFY 2012 - 2013	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	900	0	0	0	0	OEA Grant
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

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 2007	CURRENT YEAR 2008	BUDGET YEAR 2009	FOR PLANNING PURPOSES ONLY							
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	10,500	0	500	5,300	4,700	0	0	0	0	0	10,500	0
Right-of-way	7,000	0	0	7,000	0	0	0	0	0	0	7,000	0
Construction	28,500	0	0	0	18,000	10,500	0	0	0	0	28,500	0
Total	46,000	0	500	12,300	22,700	10,500	0	0	0	0	46,000	0
Federal-Aid	900	0	450	450	0	0	0	0	0	0	900	0

**FUNCTION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**DAILY TRAFFIC : (USAGE IMPACTS)**

CURRENT (2007) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT N/A

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 8**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2007
		<b><u>Fiscal Year 2007 Completions</u></b>		
		<b><u>Enhancements</u></b>		
		<b><u>Environmental Mitigation</u></b>		
1		Watershed Revitalization Partnership - an initiative to expand existing efforts to protect and restore in-stream fish and wildlife habitat in targeted urban/suburban watersheds in partnership with the Maryland Department of Natural Resources	4,692	Completed
		<b><u>Scenic/Historic Highway Programs/Visitor Centers</u></b>		
2		Civil War Driving Tour - Antietam - develop a driving tour associated with the Battle of Antietam, including trail blazer signing, mapping, waysides and interpretive signing	690	Completed
		<b><u>Fiscal Years 2008 and 2009</u></b>		
		<b><u>C.H.A.R.T. Projects</u></b>		
3		Statewide Dynamic Message Sign Upgrade/Replacement	2,393	Underway
4		Statewide CCTV Camera Deployment	2,255	Underway
		<b><u>Environmental Preservation</u></b>		
5	I 70	Eisenhower Memorial Highway; Hollow Road to MD 68 in Washington County; reforestation	324	FY 2008
6	MD 100	I 97 to I 95; turfgrass restoration	91	FY 2008
7	MD 295	Baltimore Washington Parkway; I 695 to Baltimore City Line; landscaping	92	FY 2008

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 8 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2007
<b><u>Fiscal Years 2008 and 2009 (cont'd)</u></b>				
<b><u>Enhancements</u></b>				
<b><u>Acquisition of Scenic Easements and Scenic/Historic Sites</u></b>				
8		SHA's 100 Year History Project - full color commemorative book of roads and bridges in Maryland encompassing the years of 1908-2008	500	Underway
<b><u>Archaeological Planning &amp; Research</u></b>				
9		Maryland Roadside Historic Markers Website - roadside historic marker research, database preparation and website development	182	Underway
<b><u>Landscaping/Scenic Beautification/Mitigation</u></b>				
10		Maryland Roadside Debris and Safety Campaign; educate the motoring public about the dangers and hazards of roadside debris	100	FY 2008
11		Environmental stewardship Initiative - Statewide Native Meadows Establishment - establishment of over 1,000 acres of native meadows statewide	785	Underway
<b><u>Environmental Mitigation</u></b>				
12		Stormwater Management Visual and Environmental Enhancements - make improvements to existing stormwater management facilities and improve the visual appearance, environmental diversity and water quality of nine sites in SHA Districts 4 and 5	609	Underway
<b><u>Scenic/Historic Highway Programs/Visitor Centers</u></b>				
13		Keep Maryland Beautiful III - Continuation of Keep Maryland Beautiful and Anti-Litter Initiatives	322	Underway
14		Civil War Driving Tour - Gettysburg - develop a driving tour to Gettysburg, including trail blazer signing, mapping, waysides, interpretive signing, and interactive signs and displays for the Emmitsburg Welcome Center	531	Underway