

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:

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

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, which improves movement of both passengers and freight. 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 2013 - 18 CTP: Increased funding allocation due to the Transportation Infrastructure Investment Act of 2013 and funding in FY19.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY						
					.....2016....	.....2017....	.....2018....	.....2019....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	166,486	83,786	16,100	15,100	13,950	13,550	12,500	11,500	82,700	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	241,868	209,268	3,900	8,200	4,250	5,250	5,100	5,900	32,600	0	0
Total	408,354	293,054	20,000	23,300	18,200	18,800	17,600	17,400	115,300	0	0
Federal-Aid	391,130	287,360	18,000	20,970	16,380	16,920	15,840	15,660	103,770	0	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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:

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

EXPLANATION: Program targets transportation improvements in older urban areas with physical infrastructure including drainage and stormwater management that needs repair to support economic development and revitalization. Promotes bike and pedestrian access to commercial centers, transit facilities, schools, and 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 2013 - 18 CTP: Increased funding allocation due to the Transportation Infrastructure Investment Act of 2013 and funding in FY19.

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 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	93,859	60,592	8,367	10,500	5,000	1,000	4,200	4,200	33,267	0
Right-of-way	31,913	14,665	3,654	5,821	3,163	3,310	650	650	17,248	0
Construction	546,461	279,476	4,879	28,479	60,337	72,290	53,950	47,050	266,985	0
Total	672,233	354,733	16,900	44,800	68,500	76,600	58,800	51,900	317,500	0
Federal-Aid	123,621	75,821	5,400	11,200	8,700	10,300	6,800	5,400	47,800	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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:

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

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 2013 - 18 CTP: Increased funding allocation due to the Transportation Infrastructure Investment Act of 2013 and funding in FY19.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	13,747	5,947	1,600	1,400	1,200	1,200	1,200	1,200	7,800	0
Right-of-way	295	295	0	0	0	0	0	0	0	0
Construction	62,129	35,529	1,800	3,900	4,000	3,000	3,000	10,900	26,600	0
Total	76,171	41,771	3,400	5,300	5,200	4,200	4,200	12,100	34,400	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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:

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

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 2013 - 18 CTP: Increased funding allocation due to the Transportation Infrastructure Investment Act of 2013 and funding in FY19.

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 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	46,462	37,704	3,168	2,232	907	817	817	817	8,758	0
Right-of-way	499	365	73	61	0	0	0	0	134	0
Construction	321,822	285,514	3,959	5,007	13,293	10,683	1,683	1,683	36,308	0
Total	368,783	323,583	7,200	7,300	14,200	11,500	2,500	2,500	45,200	0
Federal-Aid	236,898	220,998	2,500	2,600	5,000	4,000	900	900	15,900	0

CLASSIFICATION:

STATE - N/A

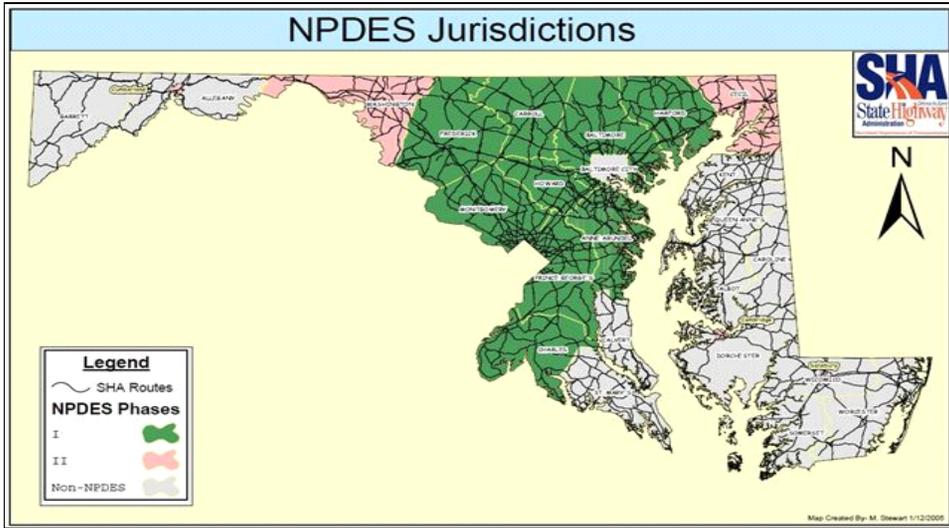
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - N/A

PROJECTED (2030) - N/A



PROJECT: Total Maximum Daily Load (TMDL)

DESCRIPTION: Plan, design, and construct storm water 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:

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

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 2013 - 18 CTP: Increased funding allocation due to the Transportation Infrastructure Investment Act of 2013 and funding in FY19. This includes \$45M in FY15 of General Obligation Bonds and \$350M in FY16 - FY19 of General Funds.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY						
					.....2016.....	.....2017.....	.....2018.....	.....2019.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	42,400	9,900	5,300	7,200	6,500	4,500	4,500	4,500	32,500	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	540,100	26,400	30,500	73,000	85,300	102,300	118,800	103,800	513,700	0	0
Total	582,500	36,300	35,800	80,200	91,800	106,800	123,300	108,300	546,200	0	0
Federal-Aid	63,094	23,494	23,300	10,000	5,000	1,000	300	0	39,600	0	0

CLASSIFICATION:

STATE - N/A

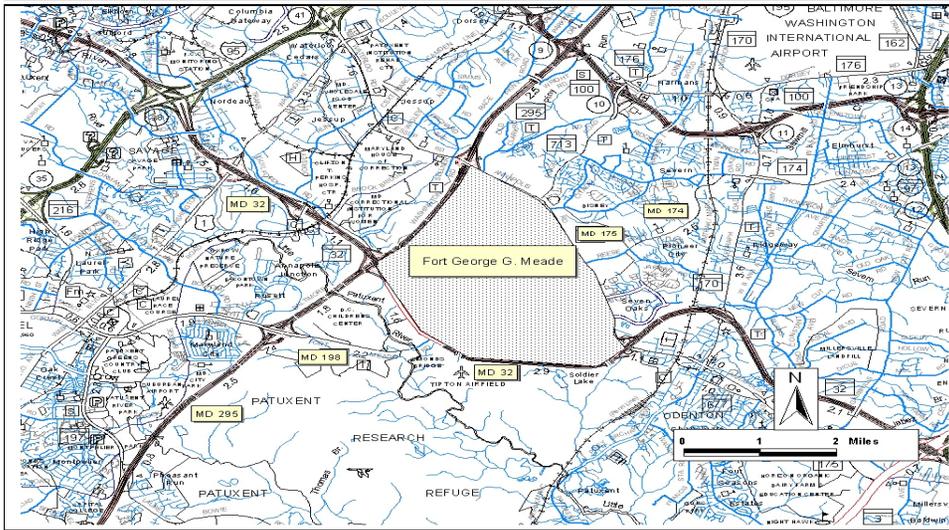
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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, at Maples/Reece Roads (Anne Arundel Line 2)
- MD 175, MD 295 to MD 170 (Anne Arundel County Line 7)
- MD 198, MD 295 to MD 32 (Anne Arundel County Line 8)

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

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

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

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2013 - 18 CTP: The cost decrease of \$15.3 million is due to removal of the cost for the Fort Meade gate improvements and moving additional funding to the Mapes and Reece project (Anne Arundel County Line 2).

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 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	252	221	10	21	0	0	0	0	31	0
Engineering	7,373	7,073	300	0	0	0	0	0	300	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	290	0	0	0	0	0	0	290	290	0
Total	7,915	7,294	310	21	0	0	0	290	621	0
Federal-Aid	1,568	1,006	309	21	0	0	0	232	562	0

CLASSIFICATION:

STATE - N/A

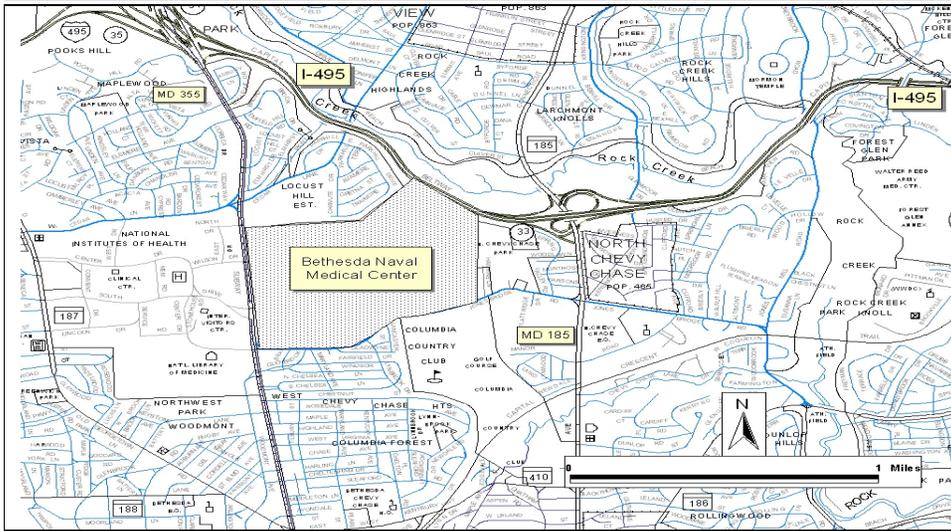
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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 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

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

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

ASSOCIATED IMPROVEMENTS:

- MD 185, at Jones Bridge Road - Phase 1&2(Montgomery County Line 6)
- MD 185, at Jones Bridge (Phase 3) (Montgomery County Line 7)
- MD 187, at West Cedar Lane (Montgomery County Line 8)
- MD 320, at Sligo Creek (Montgomery County Line 10)
- MD 355, at Jones Bridge (Montgomery County Line 11)
- MD 355, at West Cedar Lane (Montgomery County Line 12)

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. Office of Economic Adjustments has contributed \$38.2 million towards the BRAC improvements. Awaiting final approval of the remaining \$10.7 million.

SIGNIFICANT CHANGE FROM FY 2013 - 18 CTP: Moved funds to the Montgomery County Construction Program for MD 185 at Jones Bridge (Phase 3 - Line 6), MD 187 at West Cedar Lane (Line 7), MD 355 at West Cedar Lane (Phases 1&2 - Line 12), MD 355 from Woodmont Avenue to South Wood Road (Line 13) and MD 320 at Sligo Creek (Line 10).

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY						
					2016	2017	2018	2019			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	11,769	10,919	550	300	0	0	0	0	0	850	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	6,654	0	0	0	0	0	0	0	6,654	6,654	0
Total	18,423	10,919	550	300	0	0	0	0	6,654	7,504	0
Federal-Aid	8,376	2,203	550	300	0	0	0	0	5,323	6,173	0

CLASSIFICATION:

STATE - N/A

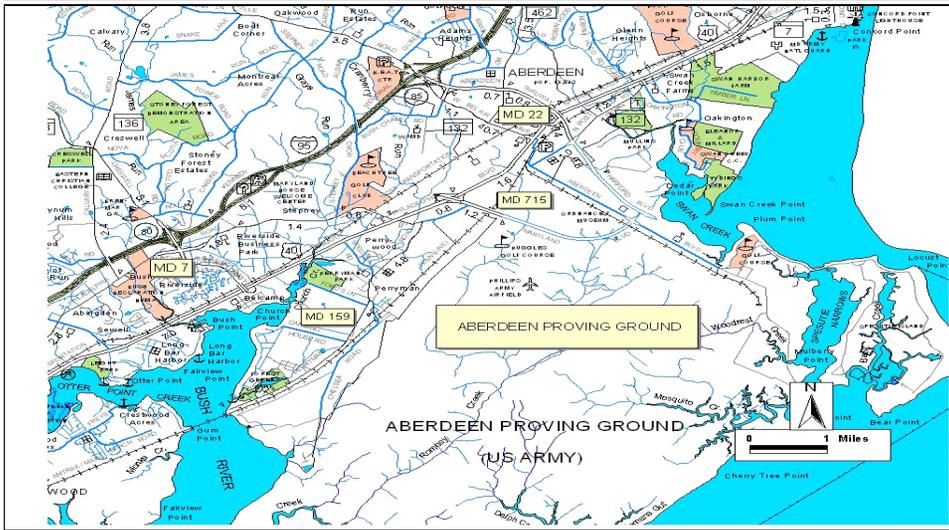
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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 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 22, at Old Post Road (Harford County Line 2)
- MD 22, at Beards Hill Road (Harford County Line 3)
- MD 22, at MD 462 (Harford County Line 4)
- US 40, Interchange at MD 715 (Harford County Line 6)
- US 40, at MD 7/MD 159 (Phase 1 - Harford County Line 7)
- US 40, at MD 7/MD 159 (Phase 2 - Harford County Line 8)

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2013 - 18 CTP: Moved funds to the Harford County Construction Program for MD 22 at Beards Hill Road (Line 3), MD 22 at MD 462 (Line 4) and US 40 at MD 7/MD 159 (Phase 2 - Line 8).

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 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY					
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	8,608	6,936	989	683	0	0	0	0	1,672	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	8,608	6,936	989	683	0	0	0	0	1,672	0
Federal-Aid	4,151	2,479	989	683	0	0	0	0	1,672	0

CLASSIFICATION:

STATE - N/A

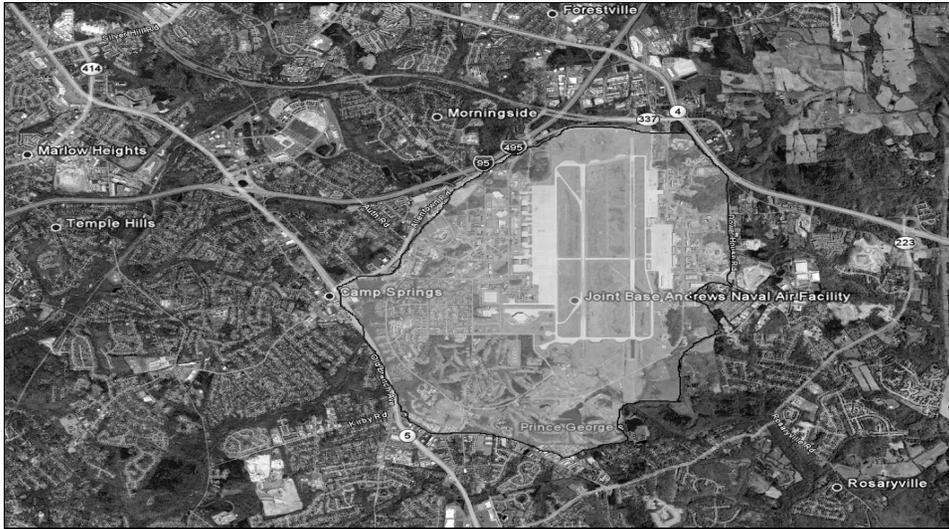
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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-95/495, Branch Ave. Metro Access (Prince George's Line 3)
- MD 4, at Suitland Parkway (Prince George's Line 8)
- I-95/I-495, American Legion Bridge to Woodrow Wilson Bridge (Prince George's Line 13)
- MD 4, MD 223 to I-95 (Prince George's Line 16)
- MD 5, US 301 to I-95 (Prince George's Line 17)

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2013 - 18 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 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,490	1,496	500	500	500	3,494	0	0	4,994	0
Right-of-way	907	0	150	757	0	0	0	0	907	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	7,397	1,496	650	1,257	500	3,494	0	0	5,901	0
Federal-Aid	6,871	1,470	317	1,090	500	3,494	0	0	5,401	0

CLASSIFICATION:

STATE - N/A

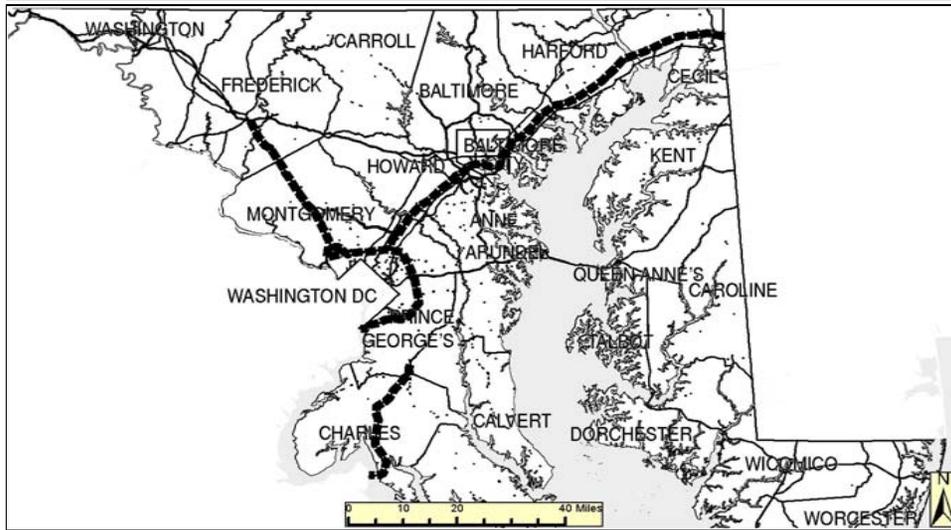
FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - N/A

PROJECTED (2030) - N/A



PROJECT: Operational Improvement Studies

DESCRIPTION: Develop traffic management strategies to improve operations on the Capital Beltway, I-95/495, I-270 and US 301.

JUSTIFICATION: A comprehensive set of relatively low cost strategies is needed to address recurring and non-recurring congestion that occurs along these corridors.

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:

STATUS: Planning underway.

SIGNIFICANT CHANGE FROM FY 2013 - 18 CTP: None.

PHASE	TOTAL		PROJECT CASH FLOW								SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY				TOTAL			
					2016	2017	2018	2019				
Planning	5,000	22	630	2,848	1,500	0	0	0	0	4,978	0	
Engineering	0	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	0	
Total	5,000	22	630	2,848	1,500	0	0	0	0	4,978	0	
Federal-Aid	4,000	20	496	2,385	1,099	0	0	0	0	3,980	0	

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Annual Average Daily Traffic (vehicles per day)

CURRENT (2013) - 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 December 1, 2013
		<u>Fiscal Year 2013 Completions</u>		
		<u>Resurface/Rehabilitate</u>		
1		Install and upgrade traffic barrier in District 6; guardrail	1,338	Completed
		<u>Safety/Spot Improvement</u>		
2		At various locations in District 5; sidewalks	2,801	Completed
3		Install/upgrade Traffic barriers in District 6	588	Completed
4		Friction Improvements in District 3 - Phase 3; joint sealing	3,029	Completed
		<u>Traffic Management</u>		
5		UPS/LED - Phase 1 District 1, 2, 4 and 5 (ARRA PROJECT)	5,474	Completed
		<u>Environmental Preservation</u>		
6		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	Completed
		<u>Enhancements</u>		
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
7		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	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 December 1, 2013
<u>Fiscal Year 2013 Completions (cont'd)</u>				
<u>Enhancements (cont'd)</u>				
8		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	Completed
9		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	Completed
<u>Fiscal Years 2014 and 2015</u>				
<u>Resurface/Rehabilitate</u>				
10		Various locations in Carroll, Frederick and Howard Counties; joint sealing	1,756	FY 2014
11		At various locations in District 7; guardrails	2,313	FY 2014
12		Various locations in Districts 3 and 5; pavement marking	2,638	FY 2014
13		Various locations in Districts 1 and 2; pavement marking	2,055	FY 2014
14		Various locations; guardrails	2,355	FY 2014
15		Various locations in Montgomery and Prince George's Counties; resurface	2,055	FY 2014
16		At various locations in District 5; widen and resurface	4,176	FY 2014
17		At various locations in Calvert, Charles and St. Mary's Counties; joint sealing	493	FY 2014
18		Various locations in Districts 4 and 7; pavement marking	2,025	FY 2014

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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
19		Various locations in District 2; slurry seal	1,186	FY 2014
20		Various Locations in Carroll, Frederick and Howard Counties; joint sealing	997	FY 2014
21		Various locations in Carroll, Frederick and Howard Counties; patching	1,712	FY 2014
22		Various locations in District 3 and 5; thermoplastic thinline striping	1,207	FY 2014
23		Various locations in District 4 and District 7; pavement marking	975	Under construction
24		Various locations in Gaithersburg Shop area of Montgomery County; mill/grind, patch and resurface pavements	5,195	Under construction
25		Various locations in District 2; guardrail	383	FY 2014
26		Various locations in Fairland Shop area of Montgomery County; mill/grind, patch and resurface pavements	4,396	FY 2014
27		Various locations in District 1 and 2; thermoplastic thinline striping	1,363	Under construction
28		Various locations in District 7; guardrail	1,413	FY 2014
29		Various locations in Cecil, Kent, Queen Anne's and Caroline Counties; sidewalks	737	Under construction
30		Various locations in Baltimore and Harford Counties; joint sealing	1,020	FY 2014
31		Various locations in Dorchester, Somerset, Wicomico, Worcester Counties; traffic barrier upgrades	1,207	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
32		Various locations in District 4; slurry seal	892	Completed
33		Various locations in Baltimore or Harford Counties; patching	3,276	Completed
34		Traffic barrier upgrades at various locations in District 7; guardrail	1,556	Under construction
35		Various locations in Anne Arundel, Calvert, Charles and St. Mary's County; drainage	853	Under construction
36		Concrete pavement repairs at various locations in District 5	724	Completed
37		Install/upgrade Traffic barrier at various locations in District 6	725	FY 2014
38		Traffic barrier upgrades at various locations in District 3	1,143	Under construction
39		Various Locations in District 5; slurry seal	1,932	Under construction
40	US 50	Ocean Gateway; 0.5 miles west of MD 404 to 0.5 miles east of MD 404; resurface	1,641	FY 2014
<u>Bridge Replacement/Rehabilitation</u>				
41		10 existing bridges on US 13, MD 353, MD 12 and US 113; clean and paint bridges	1,551	FY 2014
42		Fixed bridges, Culverts, Noise Walls and Retaining Walls in Alleghany, Garrett and Washington Counties	1,717	Under construction
43		11 existing bridges on MD 75, MD 77, MD 91, MD 144 and I 70	1,486	Under construction
44		6 existing bridges on MD 80 to I 270; clean and paint bridges	1,977	FY 2014

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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Safety/Spot Improvement</u>				
45		Various locations in District 7; ADA compliance	2,288	FY 2015
46		At various locations in District 1 and 2; pavement marking	624	FY 2014
47		At various locations Statewide; drainage improvement	2,860	FY 2014
48		Various locations in District 3, 4, 5 and 7; pavement marking	1,093	FY 2014
49		At various locations in District 1; rumble strips	505	FY 2014
50		At various locations Statewide; drainage improvement	2,860	FY 2014
51		At various locations in District 3; surface treatment	3,000	FY 2014
52		At various locations in District 2; raised pavement markings	553	FY 2014
53		Various locations statewide; drainage improvement	2,495	FY 2014
54		Various locations in District 2; rumble strips	232	FY 2014
55		ADA Compliance Program in District 1	4,135	FY 2014
56		Various locations in Baltimore and Harford Counties; safety	5,141	FY 2014
57		At various locations in District 3; sidewalks	3,744	Under construction
58		Various locations statewide; drainage	1,457	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
59		Various locations in Allegany and Garrett Counties; geometric improvements	2,271	Under construction
60		Various locations in District 4; pavement markings	517	Under construction
61		Repairs on Stormwater Facilities in various locations; drainage improvement	622	Under construction
62		Sign Reflectivity Management Statewide; signing	8,000	Under construction
63		Stormwater Management facilities at various locations Statewide; drainage improvement	2,717	Under construction
64	MD 32	Sappington Station Road and MD 175	2,288	FY 2015
65	MD 228	Berry Road; MD 210 to Marsh Hawk Drive; guardrail	1,200	Under construction
<u>Noise Barriers</u>				
66		Various locations; noise abatements	1,410	FY 2014
67	I 495	Capital Beltway; noisewalls 15110 and 15113; drainage improvements	445	FY 2015
<u>Traffic Management</u>				
68		APS in Districts 6 and 7; signalization	4,576	FY 2015
69		At various locations in District 3; lighting	7,436	FY 2015
70		At various locations in District 3; signalization	6,864	FY 2015

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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
71		At various locations in District 4; lighting	2,288	FY 2015
72		At various locations in District 5; lighting	2,288	FY 2015
73		At various locations in District 6; signing	3,432	FY 2015
74		Various locations in District 3; signing	3,737	FY 2014
75		Various locations in District 6 and 7; lighting	6,885	FY 2014
76		Various locations in District 4; signalization	5,720	FY 2014
77		Various locations in District 1 and 2; lighting	2,288	FY 2014
78		Various Locations in District 5; signalization	5,720	FY 2014
79		Various locations in District 4; signing	3,048	FY 2014
80		Automatic Traffic Recorders Statewide; miscellaneous	1,988	FY 2014
81		Modify/reconstruct with in Districts 3, 4, 5; signalization	11,503	FY 2014
82		Traffic signs and APS in District 3; signalization	7,153	FY 2014
83		Sign Structure replacement in District 7	4,777	FY 2014
84		Sign Structure replacement in District 4	4,905	FY 2014

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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
85		Sign Structure replacement in District 3	5,003	FY 2014
86		Various locations in District 3, 4 and 5; signalization	5,671	FY 2014
87		Various Locations in Districts 6 and 7; signalization	3,168	Under construction
88		At various locations in District 5; signing	2,295	FY 2014
89		Various locations in District 5; signalization	5,935	Under construction
90		Various locations; signalization	3,262	Under construction
91		Various locations in District 1 and District 2; signing	1,101	Under construction
92		Various locations in District 7; signing	2,383	Under construction
93		Various locations in District 4; signalization	3,088	Under construction
94		Various locations in District 4; sign structures	2,584	Under construction
95		Various locations in District 3; sign structures	2,595	Under construction
96		Various locations in District 3; signing	3,256	Under construction
97		Various locations in District 1 and District 2; signalization	1,279	Under construction
98		Various locations in District 6 and District 7; signalization	2,338	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
99		Various locations in District 3; signalization	6,029	Under construction
100		Modify/Install/Reconstruct traffic signals - District 3; signalization	6,194	Under construction
101		Install and modify Traffic Control devices in District 4; signalization	6,022	Under construction
102		UPS/LED Signal installation/reconstruct in Districts in 3, 4, and 5	5,360	Under construction
103		Various Locations in District 1 and 2; signalization	1,064	Under construction
104		Various Locations in District 4; lighting	1,783	Under construction
105		Various Locations in District 1 and 2; signing	1,287	Under construction
106		Various Locations in District3; signalization	2,146	Under construction
107		Various Locations in District 3; signing	2,810	Under construction
108		Various Locations in District 5; signalization	2,104	Under construction
109		Various Locations in District 6 and 7; lighting	930	Under construction
110		Various Locations in District 4; signing	2,999	Under construction
111		Various Locations in District 5; lighting	1,674	Under construction
112		Various Locations in District 3; lighting	1,984	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
113		Various Locations in District 6 and 7; signing	2,170	Under construction
114		Various Locations in District 1 and 2; lighting	1,300	Under construction
115		Various Locations in District 4; signalization	2,048	Under construction
116		Various Locations in District 6 and 7; signalization	1,074	Under construction
117		Sign Lighting System (Lumitrak) (ARRA PROJECT)	2,541	Under construction
118		Interstate Highway Lighting - Phase 1 (ARRA PROJECT)	7,999	Under construction
119		Traffic Detection at Signalized Intersections District 3, 6 and 7 (ARRA PROJECT)	1,875	Under construction
<u>C.H.A.R.T. Projects</u>				
120		CHART CCTV Deployment (Phase 5C) in Allegany, Frederick, Garrett and Washington Counties	2,906	FY 2015
121		CHART DMS Deployment - Phase 4	3,500	FY 2015
122		CHART CCTV Deployment (Phase 5B) in Anne Arundel, Baltimore, Carroll and Howard Counties	2,441	FY 2015
123		CHART CCTV Deployment (Phase 5A) in Dorchester, Frederick, Montgomery, Prince George's, Queen Anne's, Talbot, Wicomico, Worcester Counties	3,254	FY 2015
124		Road Weather Information Systems Upgrade	500	Under construction
125		CHART Closed Circuit Television deployment - Phase 4	799	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>C.H.A.R.T. Projects (cont'd)</u>				
126		CHART - Areawide Dynamic Message Signs Deployment - Phase 3	3,200	Under construction
127		Back-up Power for CHART Cameras	1,818	Under construction
128		10 CCTV Cameras Project	700	Under construction
129		Various Dynamic Message Signs Deployment (ARRA PROJECT)	3,540	Under construction
<u>Environmental Preservation</u>				
130		At various locations in District 4; landscape	1,144	FY 2015
131		At various locations Statewide; landscape	372	FY 2014
132		I 695 to Mountain Road and various sites; landscape	514	FY 2014
133		Various locations in District 3 and 5; landscape	458	FY 2014
134		Various locations in District 1 and 2; landscape	200	FY 2014
135		Various locations in District 4 and 7; landscape	468	FY 2015
136		Various locations in District 1 and 2; landscape	162	Under construction
137		Various locations in District 3 and 5; landscape	479	Under construction
138		Various interchanges on US 50 and US 13; landscaping	1,087	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Environmental Preservation (cont'd)</u>				
139		Various interchanges on I 83, I 695 and I 95; landscaping	1,527	Under construction
140		Various Interchanges on US 50 and MD 100	1,220	Under construction
141		Various interchanges on I 70, I 68 and MD 200; landscaping	847	Under construction
142		Various interchanges on I 70, I 95 ,US 29 and MD 100 ; landscaping	1,663	Under construction
143		Landscaping at various locations in District 3 and District 5; landscaping	204	Under construction
144		Landscaping at various locations in District 4 and District 7; landscaping	220	Under construction
145		Landscaping at various locations in District 1 and District 2; landscaping	114	Under construction
146		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
147		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
148	US 50	MD 404/MD 309; Integrated roadside vegetation management at various locations in District 2	449	FY 2014
149	I 68	Integrated roadside vegetation management - Allegany/Washington County line to Allegany/Garrett County line; landscaping	959	FY 2014
150	I 95	Vegetation Management at various interchanges between MD 100 to I 495; landscaping	3,011	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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Environmental Preservation (cont'd)</u>				
151	US 301	Blue Star Memorial Highway; US 50 split to Delaware State Line; landscape	222	Under construction
<u>Sidewalks</u>				
152		Various locations in District 2; sidewalks	2,288	FY 2015
153		Various locations in District 3; sidewalks	4,004	FY 2014
154		At various locations in District 5; sidewalks	2,860	FY 2015
155		At Various locations in District 5; sidewalks	2,006	FY 2014
156		Various locations in District 3; sidewalks	2,613	FY 2014
157		Various locations in Caroline, Cecil, Kent, Talbot and Queen Anne's County; sidewalk	1,755	FY 2014
<u>Truck Weight</u>				
158		Virtual Weigh Station - Overheight detection	1,200	FY 2014
<u>TMDL Compliance</u>				
159		Tree planting at various locations in District 6; landscape (Transportation Infrastructure Investment Act of 2013)	1,144	FY 2015
160		Tree planting at various locations in Harford County; landscape (Transportation Infrastructure Investment Act of 2013)	1,772	FY 2014

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 December 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>TMDL Compliance (cont'd)</u>				
161		Tree Planting at various locations in District 7; landscape (Transportation Infrastructure Investment Act of 2013)	2,345	FY 2014
162		At various locations in District 5; drainage improvement (Transportation Infrastructure Investment Act of 2013)	4,000	FY 2015
163		At various locations in District 4; drainage improvement (Transportation Infrastructure Investment Act of 2013)	4,500	FY 2015
<u>Enhancements (cont'd)</u>				
<u>Archaeological Planning & Research (cont'd)</u>				
164		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	Underway
165		Maryland Archeological Conservation Lab; creation of an archeological context database curated at the MAC Lab	55	FY 2015
<u>Environmental Mitigation</u>				
166		Integrated Roadside Vegetation Management and Native Plant Establishment - US 50	193	Underway
<u>Congressional Earmarks</u>				
167		Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)	0	