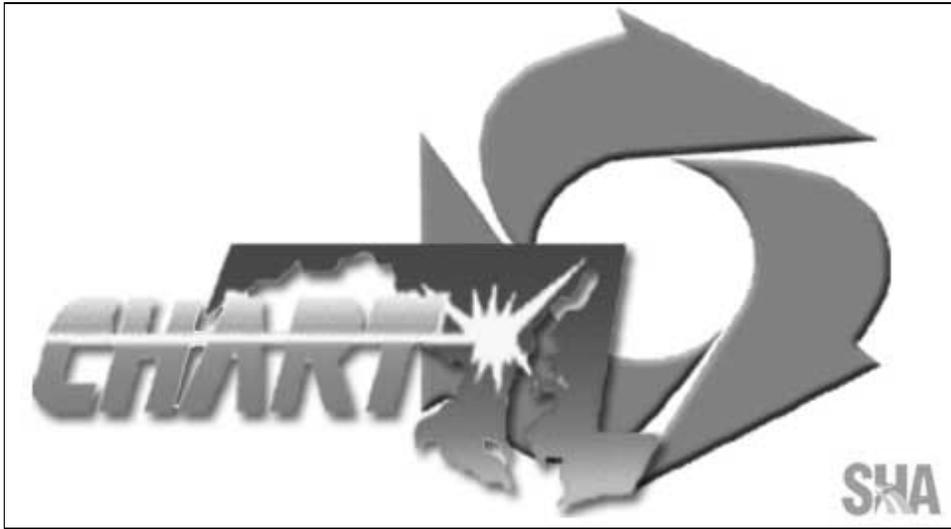


SHA



SHA STATEWIDE



PROJECT: Coordinated Highway Action Response Team (CHART)

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

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

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

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

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

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

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

SIGNIFICANT CHANGE FROM FY 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	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	144,086	83,786	12,700	11,800	5,900	10,700	9,600	9,600	60,300	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	264,068	209,268	9,100	11,500	12,300	6,900	7,200	7,800	54,800	0	
Total	408,154	293,054	21,800	23,300	18,200	17,600	16,800	17,400	115,100	0	
Federal-Aid	390,950	287,360	19,620	20,970	16,380	15,840	15,120	15,660	103,590	0	

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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:

- 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 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	85,692	60,592	3,100	4,500	4,900	4,200	4,200	4,200	25,100	0
Right-of-way	18,465	14,665	450	650	750	650	650	650	3,800	0
Construction	568,376	279,476	25,050	56,050	56,650	57,450	50,350	43,350	288,900	0
Total	672,533	354,733	28,600	61,200	62,300	62,300	55,200	48,200	317,800	0
Federal-Aid	196,121	75,821	11,400	24,700	24,100	23,100	19,600	17,400	120,300	0

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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:

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

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 ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					.....2016.....	.....2017.....	.....2018.....	.....2019.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	13,547	5,947	1,400	1,400	1,200	1,200	1,200	1,200	7,600	0	0
Right-of-way	295	295	0	0	0	0	0	0	0	0	0
Construction	63,829	35,529	2,800	4,600	4,000	3,000	3,000	10,900	28,300	0	0
Total	77,671	41,771	4,200	6,000	5,200	4,200	4,200	12,100	35,900	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 (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:

- 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 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	45,284	37,704	2,380	1,750	900	850	850	850	7,580	0
Right-of-way	500	365	75	60	0	0	0	0	135	0
Construction	322,499	285,514	4,245	6,490	13,300	7,050	1,650	4,250	36,985	0
Total	368,283	323,583	6,700	8,300	14,200	7,900	2,500	5,100	44,700	0
Federal-Aid	245,498	220,998	4,100	4,700	8,100	4,100	1,100	2,400	24,500	0

CLASSIFICATION:

STATE - N/A

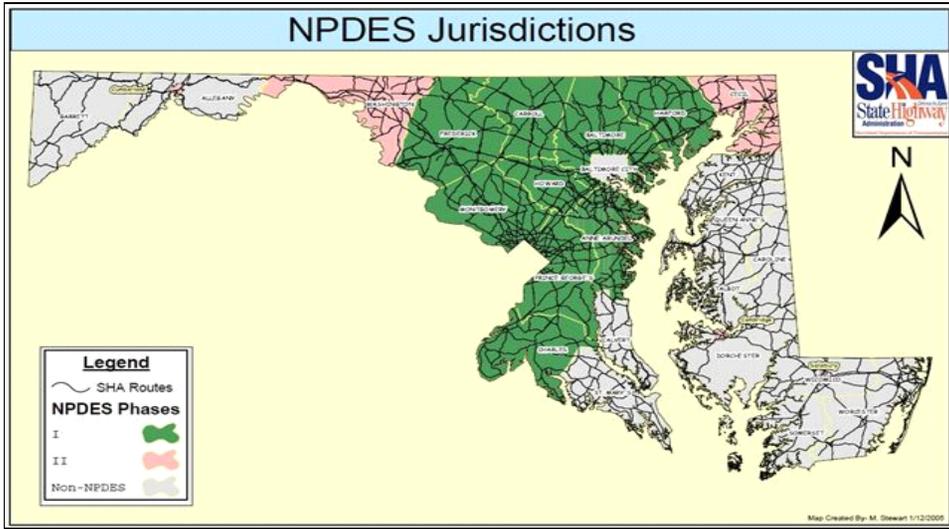
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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:

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

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

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

SIGNIFICANT CHANGE FROM FY 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 checked="" 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	42,400	9,900	5,300	7,200	6,500	4,500	4,500	4,500	32,500	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	539,000	26,400	29,400	73,000	85,300	102,300	118,800	103,800	512,600	0
Total	581,400	36,300	34,700	80,200	91,800	106,800	123,300	108,300	545,100	0
Federal-Aid	43,094	23,494	4,000	4,000	4,000	4,000	3,600	0	19,600	0

CLASSIFICATION:

STATE - N/A

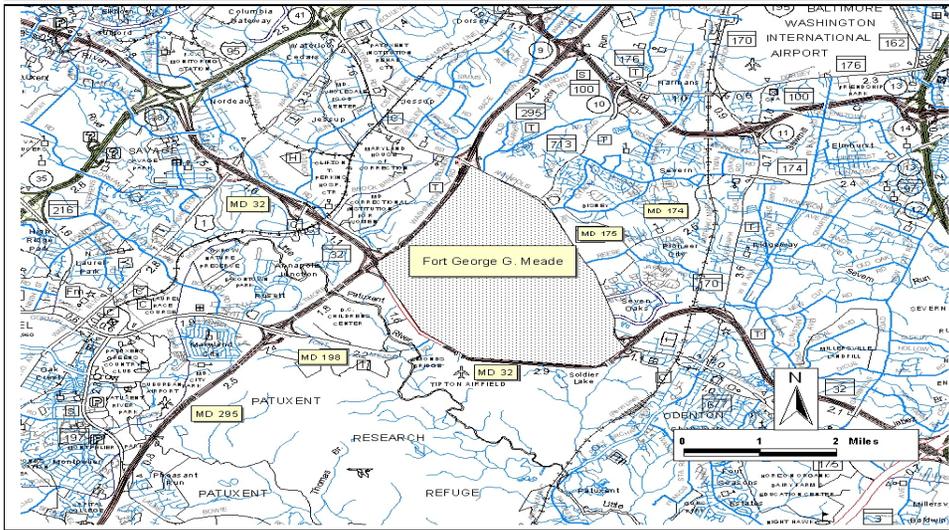
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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 8)
- MD 198, MD 295 to MD 32 (Anne Arundel County Line 9)

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

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

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

STATUS: Engineering underway.

SIGNIFICANT CHANGE FROM FY 2013 - 18 CTP: The cost decrease of \$9.0 million is due to removing of the cost for the Fort Meade gate improvements.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL PROJECT CASH FLOW					FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	2016	2017	2018	2019			
Planning	252	252	0	0	0	0	0	0	0	0	0
Engineering	9,390	6,990	2,400	0	0	0	0	0	0	2,400	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	4,726	0	0	0	0	4,726	0	0	0	4,726	0
Total	14,368	7,242	2,400	0	0	4,726	0	0	0	7,126	0
Federal-Aid	8,079	953	2,400	0	0	4,726	0	0	0	7,126	0

CLASSIFICATION:

STATE - N/A

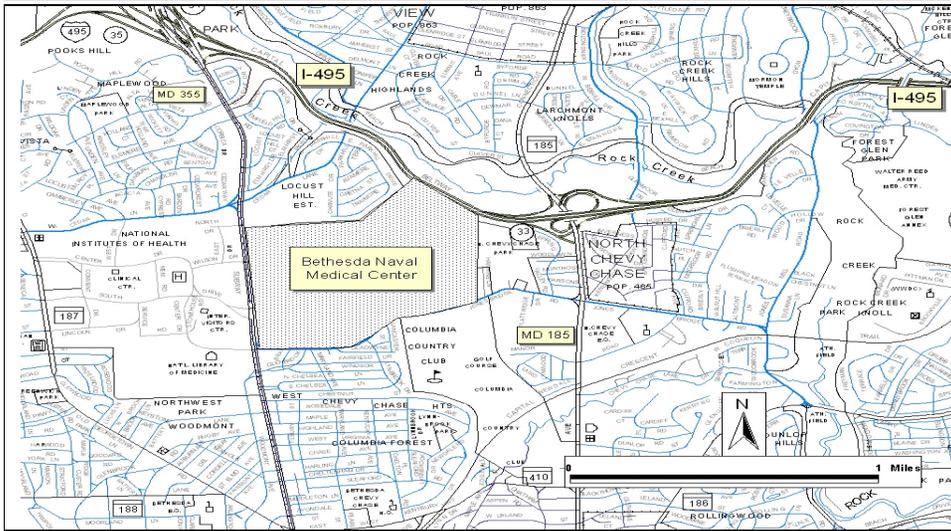
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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:

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

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)

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 7), MD 187 at West Cedar Lane (Line 8), MD 355 at West Cedar Lane (Phases 1&2 - Line 12) and MD 320 at Sligo Creek (Line 10).

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
Engineering	10,812	10,362	450	0	0	0	0	0	450
Right-of-way	0	0	0	0	0	0	0	0	0
Construction	8,580	0	0	0	3,695	4,885	0	0	8,580
Total	19,392	10,362	450	0	3,695	4,885	0	0	9,030
Federal-Aid	10,711	1,681	450	0	3,695	4,885	0	0	9,030

CLASSIFICATION:

STATE - N/A

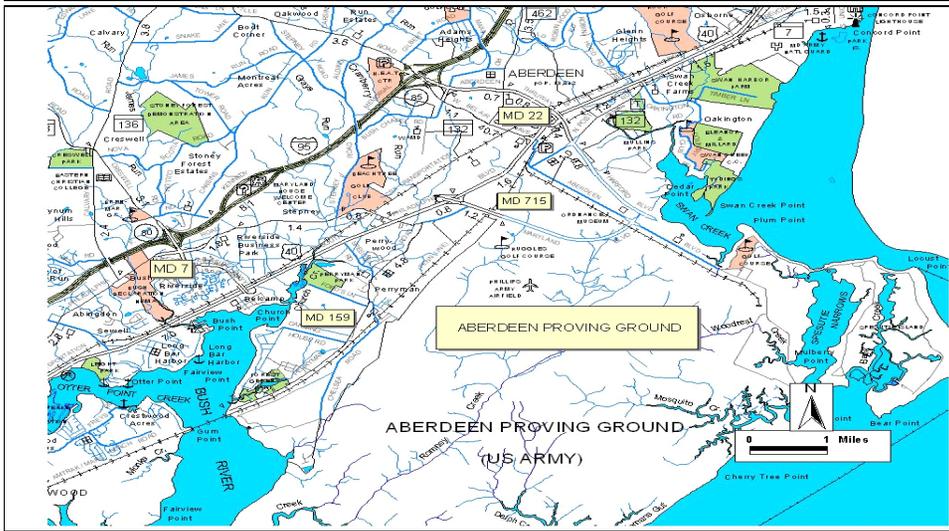
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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 8 - 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				FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	7,041	6,571	470	0	0	0	0	0	470	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	7,041	6,571	470	0	0	0	0	0	470	0
Federal-Aid	2,628	2,158	470	0	0	0	0	0	470	0

CLASSIFICATION:

STATE - N/A

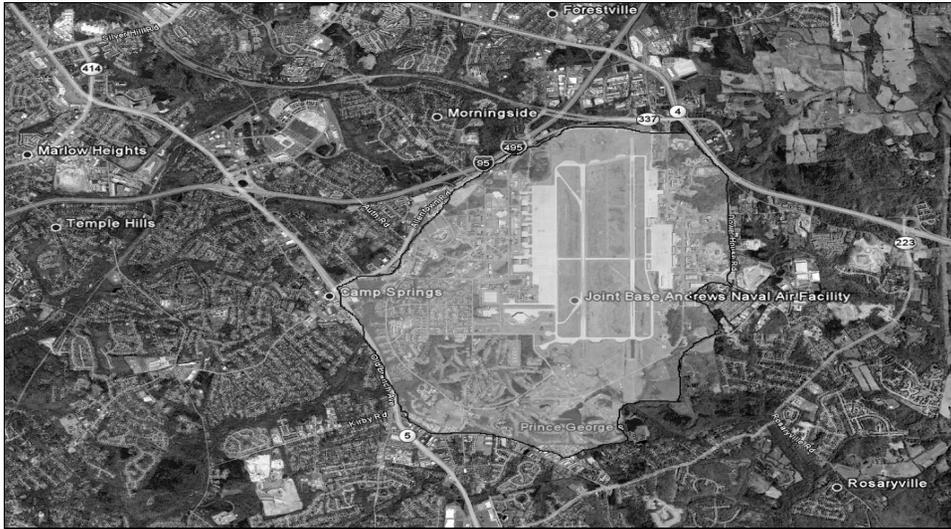
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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 6)
- I-95/I-495, American Legion Bridge to Woodrow Wilson Bridge (Prince George's Line 10)
- MD 4, MD 223 to I-95 (Prince George's Line 13)
- MD 5, US 301 to I-95 (Prince George's Line 14)

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	1,255	500	500	2,118	2,117	0	0	0	5,235
Right-of-way	907	0	570	337	0	0	0	0	0	907
Construction	0	0	0	0	0	0	0	0	0	0
Total	7,397	1,255	1,070	837	2,118	2,117	0	0	0	6,142
Federal-Aid	7,184	1,241	945	763	2,118	2,117	0	0	0	5,943

CLASSIFICATION:

STATE - N/A

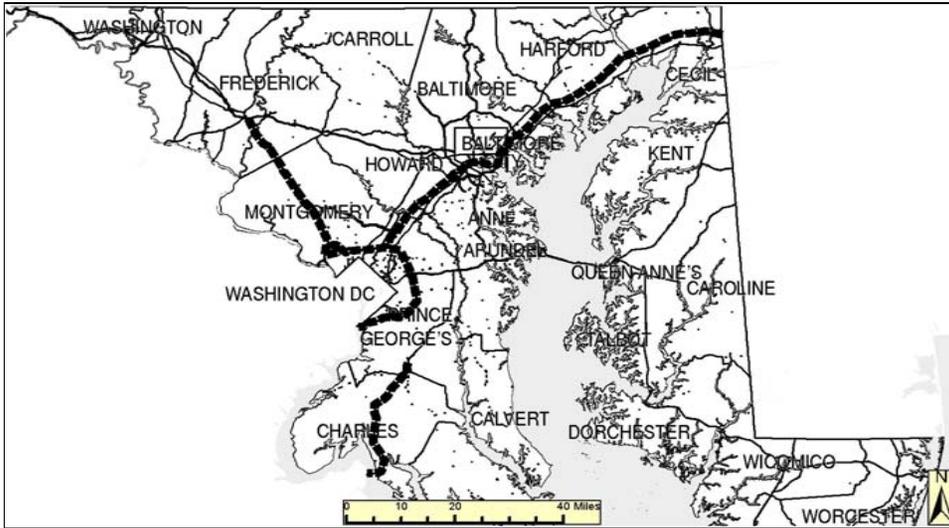
FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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, 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	POTENTIAL FUNDING SOURCE:		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2013	CURRENT YEAR 2014	BUDGET YEAR 2015	FOR PLANNING PURPOSES ONLY						
					.....2016.....	.....2017.....	.....2018.....	.....2019.....		
Planning	5,000	100	510	2,780	1,610	0	0	0	4,900	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	5,000	100	510	2,780	1,610	0	0	0	4,900	0	
Federal-Aid	3,490	70	347	1,946	1,127	0	0	0	3,420	0	

CLASSIFICATION:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

DAILY TRAFFIC : (USAGE IMPACTS)

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 August 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
		<u>Enhancements</u>		
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
3		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
4		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
5		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>		
6		Various locations in Districts 3 and 5; pavement marking	3,196	FY 2014
7		Various locations in Districts 1 and 2; pavement marking	2,885	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 August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
8		Various locations; guardrails	2,355	FY 2014
9		Various locations in Montgomery and Prince George's Counties; resurface	2,410	FY 2014
10		At various locations in District 5; widen and resurface	4,176	FY 2014
11		At various locations in Calvert, Charles and St. Mary's Counties; joint sealing	493	FY 2014
12		Various locations in Districts 4 and 7; pavement marking	2,450	FY 2014
13		Various locations in District 2; slurry seal	1,186	FY 2014
14		Various Locations in Carroll, Frederick and Howard Counties; joint sealing	997	FY 2014
15		Various locations in Carroll, Frederick and Howard Counties; patching	1,712	FY 2014
16		Various locations in District 3 and 5; thermoplastic thinline striping	1,207	FY 2014
17		Various locations in District 4 and District 7; pavement marking	975	Under construction
18		Various locations in Gaithersburg Shop area of Montgomery County; mill/grind, patch and resurface pavements	5,195	Under construction
19		Various locations in District 2; guardrail	383	FY 2014
20		Various locations in Fairland Shop area of Montgomery County; mill/grind, patch and resurface pavements	4,396	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 August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
21		Various locations in District 1 and 2; thermoplastic thinline striping	1,363	FY 2014
22		Various locations in District 7; guardrail	1,413	FY 2014
23		Various locations in Cecil, Kent, Queen Anne's and Caroline Counties; sidewalks	737	FY 2014
24		Various locations in Baltimore and Harford Counties; joint sealing	1,020	FY 2014
25		Various locations in Anne Arundel, Calvert, Charles, and St. Mary's Counties; traffic barrier upgrades	853	FY 2014
26		Various locations in District 4; slurry seal	892	Under construction
27		Various locations in Baltimore or Harford Counties; patching	3,276	Under construction
28		Traffic barrier upgrades at various locations in District 7; guardrail	1,556	Under construction
29		Various locations in District 5 and Prince George's County; drainage	2,820	Under construction
30		Concrete pavement repairs at various locations in District 5	724	Under construction
31		Install/upgrade Traffic barrier at various locations in District 6	725	FY 2014
32		Traffic barrier upgrades at various locations in District 3	1,143	Under construction
33		Various Locations in District 5; slurry seal	1,932	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
34		10 existing bridges on US 13, MD 353, MD 12 and US 113; clean and paint bridges	1,516	FY 2014
35		Fixed bridges, Culverts, Noise Walls and Retaining Walls in Alleghany, Garrett and Washington Counties	1,717	FY 2014
36		11 existing bridges on MD 75, MD 77, MD 91, MD 144 and I 70	1,486	Under construction
37		6 existing bridges on MD 80 to I 270; clean and paint bridges	1,977	FY 2014
<u>Safety/Spot Improvement</u>				
38		At various locations in District 2; raised pavement markings	357	FY 2014
39		Various locations statewide; drainage improvement	2,860	FY 2014
40		Various locations in District 2; rumble strips	232	FY 2014
41		ADA Compliance Program in District 1	4,135	FY 2014
42		Various locations in Baltimore and Harford Counties; safety	4,233	FY 2014
43		Various Stormwater Sites; drainage improvements	3,432	FY 2014
44		At various locations in District 3; sidewalks	3,744	Under construction
45		Various locations statewide; drainage	1,457	Under construction
46		Various locations in Allegany and Garrett Counties; geometric improvements	2,133	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
47		Various locations in District 4; pavement markings	517	Under construction
48		Repairs on Stormwater Facilities in various locations; drainage improvement	622	Under construction
49		Install/upgrade Traffic barriers in District 6	588	Under construction
50		Sign Reflectivity Management Statewide; signing	8,000	Under construction
51		Friction Improvements in District 3 - Phase 3; joint sealing	3,029	Under construction
52		Stormwater Management facilities at various locations Statewide; drainage improvement	2,717	Under construction
53	MD 228	Berry Road; MD 210 to Marsh Hawk Drive; guardrail	1,200	Under construction
<u>Noise Barriers</u>				
54		Various locations; noise abatements	1,144	FY 2014
55	I 495	Capital Beltway; noisewalls 15110 and 15113; drainage improvements	445	FY 2014
<u>Traffic Management</u>				
56		Various locations in District 3; signing	3,432	FY 2014
57		Various locations in District 6 and 7; lighting	2,288	FY 2014
58		Various locations in District 4; signalization	3,432	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 August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
59		Various locations in District 1 and 2; lighting	2,288	FY 2014
60		Various Locations in District 5; signalization	3,432	FY 2014
61		Various locations in District 4; signing	3,432	FY 2014
62		Automatic Traffic Recorders Statewide; miscellaneous	2,231	FY 2014
63		Modify/reconstruct with in Districts 3, 4, 5; signalization	9,152	FY 2014
64		Traffic signs and APS in District 3; signalization	7,153	FY 2014
65		Sign Structure replacement in District 7	4,987	FY 2014
66		Sign Structure replacement in District 4	4,987	FY 2014
67		Sign Structure replacement in District 3	5,003	FY 2014
68		Various locations in District 3, 4 and 5; signalization	5,671	FY 2014
69		Various Locations in Districts 6 and 7; signalization	3,168	Under construction
70		At various locations in District 5; signing	2,295	FY 2014
71		Various locations in District 5; signalization	5,935	Under construction
72		Various locations; signalization	3,262	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
73		Various locations in District 1 and District 2; signing	1,101	Under construction
74		Various locations in District 7; signing	2,383	Under construction
75		Various locations in District 4; signalization	3,088	Under construction
76		Various locations in District 4; sign structures	2,584	Under construction
77		Various locations in District 3; sign structures	2,595	Under construction
78		Various locations in District 3; signing	3,256	Under construction
79		Various locations in District 1 and District 2; signalization	1,279	FY 2014
80		Various locations in District 6 and District 7; signalization	2,338	Under construction
81		Various locations in District 3; signalization	6,029	Under construction
82		Modify/Install/Reconstruct traffic signals - District 3; signalization	6,194	Under construction
83		Install and modify Traffic Control devices in District 4; signalization	6,022	Under construction
84		UPS/LED Signal installation/reconstruct in Districts in 3, 4, and 5	5,360	Under construction
85		Various Locations in District 1 and 2; signalization	1,064	Under construction
86		Various Locations in District 4; lighting	1,783	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
87		Various Locations in District 1 and 2; signing	1,287	Under construction
88		Various Locations in District3; signalization	2,146	Under construction
89		Various Locations in District 3; signing	2,810	Under construction
90		Various Locations in District 5; signalization	2,104	Under construction
91		Various Locations in District 6 and 7; lighting	930	Under construction
92		Various Locations in District 4; signing	2,999	Under construction
93		Various Locations in District 5; lighting	1,674	Under construction
94		Various Locations in District 3; lighting	1,984	Under construction
95		Various Locations in District 6 and 7; signing	2,170	Under construction
96		Various Locations in District 1 and 2; lighting	1,300	Under construction
97		Various Locations in District 4; signalization	2,048	Under construction
98		Various Locations in District 6 and 7; signalization	1,074	Under construction
99		Sign Lighting System (Lumitrak) (ARRA PROJECT)	2,541	Under construction
100		Interstate Highway Lighting - Phase 1 (ARRA PROJECT)	7,999	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
101		Traffic Detection at Signalized Intersections District 3, 6 and 7 (ARRA PROJECT)	1,875	Under construction
102		UPS/LED - Phase 1 District 1, 2, 4 and 5 (ARRA PROJECT)	5,474	Under construction
<u>C.H.A.R.T. Projects</u>				
103		Road Weather Information Systems Upgrade	500	Under construction
104		CHART Closed Circuit Television deployment - Phase 4	799	Under construction
105		CHART - Areawide Dynamic Message Signs Deployment - Phase 3	3,200	Under construction
106		Back-up Power for CHART Cameras	1,818	Under construction
107		10 CCTV Cameras Project	700	Under construction
108		Various Dynamic Message Signs Deployment (ARRA PROJECT)	3,540	Under construction
<u>Environmental Preservation</u>				
109		Various locations in District 3 and 5; landscape	446	FY 2014
110		Various locations in District 1 and 2; landscape	200	FY 2014
111		Various locations in District 4 and 7; landscape	468	FY 2014
112		Various locations in District 1 and 2; landscape	162	Under construction

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Environmental Preservation (cont'd)</u>				
113		Various locations in District 3 and 5; landscape	479	Under construction
114		Various interchanges on US 50 and US 13; landscaping	1,087	Under construction
115		Various interchanges on I 83, I 695 and I 95; landscaping	1,527	Under construction
116		Various Interchanges on US 50 and MD 100	1,220	Under construction
117		Various interchanges on I 70, I 68 and MD 200; landscaping	847	Under construction
118		Various interchanges on I 70, I 95 ,US 29 and MD 100 ; landscaping	1,663	Under construction
119		Landscaping at various locations in District 3 and District 5; landscaping	204	Under construction
120		Landscaping at various locations in District 4 and District 7; landscaping	220	Under construction
121		Landscaping at various locations in District 1 and District 2; landscaping	114	Under construction
122		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
123		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
124		Native Plant establishment and Integrated Roadside vegetation Management in District 3 and 5; removal of invasive species and re-establishment of native grasses and wildflowers (This project is split funded with Transportation Enhancement)	59	Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

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

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>Environmental Preservation (cont'd)</u>				
125	US 50	MD 404/MD 309; Integrated roadside vegetation management at various locations in District 2	449	FY 2014
126	I 68	Integrated roadside vegetation management - Allegany/Washington County line to Allegany/Garrett County line; landscaping	959	FY 2014
127	I 95	Vegetation Management at various interchanges between MD 100 to I 495; landscaping	3,011	Under construction
128	US 301	Blue Star Memorial Highway; US 50 split to Delaware State Line; landscape	222	Under construction
<u>Sidewalks</u>				
129		At Various locations in District 5; sidewalks	2,006	FY 2014
130		Various locations in District 3; sidewalks	2,613	FY 2014
131	MD 30 BUS	Main Street; near West Street; drainage improvement	369	FY 2014
132		Various locations in Caroline, Cecil, Kent, Talbot and Queen Anne's County; sidewalk	1,755	FY 2014
<u>Truck Weight</u>				
133		Virtual Weigh Station - Overheight detection	1,200	FY 2014
<u>TMDL Compliance</u>				
134		Tree planting at various locations in District 6; landscape (Transportation Infrastructure Investment Act of 2013)	1,144	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 August 1, 2013
<u>Fiscal Years 2014 and 2015 (cont'd)</u>				
<u>TMDL Compliance (cont'd)</u>				
135		Tree planting at various locations in District 3 and 5; landscape (Transportation Infrastructure Investment Act of 2013)	2,288	FY 2014
136		Tree planting at various locations in Harford County; landscape (Transportation Infrastructure Investment Act of 2013)	1,144	FY 2014
137		Tree Planting at various locations in District 7; landscape (Transportation Infrastructure Investment Act of 2013)	1,716	FY 2014
138		At various locations in District 5; drainage improvement (Transportation Infrastructure Investment Act of 2013)	4,000	FY 2015
139		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>				
140		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	Underway
<u>Environmental Mitigation</u>				
141		Integrated Roadside Vegetation Management and Native Plant Establishment - US 50	193	Underway
<u>Congressional Earmarks</u>				
142		Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)	0	