

**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 2015 - 20 CTP:** Added funding in FY21.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018....	.....2019....	.....2020....	.....2021....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	187,433	115,663	13,730	12,800	11,700	11,380	11,080	11,080	71,770	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	252,121	218,991	7,670	8,900	10,900	1,820	1,520	2,320	33,130	0
Total	439,554	334,654	21,400	21,700	22,600	13,200	12,600	13,400	104,900	0
Federal-Aid	357,844	324,800	8,688	6,206	6,712	3,709	3,629	4,100	33,044	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - 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 2015 - 20 CTP:** Added funding in FY21.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECT CASH FLOW FOR PLANNING PURPOSES ONLY						
					....2018....	....2019....	....2020....	....2021....			
Planning	1,450	200	150	250	200	200	200	250	1,250	0	
Engineering	17,947	8,747	1,550	1,450	1,550	1,550	1,550	1,550	9,200	0	
Right-of-way	295	295	0	0	0	0	0	0	0	0	
Construction	60,979	41,229	2,900	3,800	3,350	3,250	3,250	3,200	19,750	0	
Total	80,671	50,471	4,600	5,500	5,100	5,000	5,000	5,000	30,200	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 (2015) - N/A

PROJECTED (2035) - 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 2015 - 20 CTP:** Added funding in FY21.

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										SIX YEAR TOTAL	BALANCE TO COMPLETE
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY				YEAR			
					.....2018....	.....2019....	.....2020....	.....2021....				
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	51,142	43,892	1,500	1,750	1,000	1,000	1,000	1,000	1,000	7,250	0	
Right-of-way	538	538	0	0	0	0	0	0	0	0	0	
Construction	326,603	296,353	15,700	10,550	1,300	1,200	1,300	200	30,250	0	0	
Total	378,283	340,783	17,200	12,300	2,300	2,200	2,300	1,200	37,500	0	0	
Federal-Aid	243,698	226,298	7,200	6,200	1,200	1,100	1,200	500	17,400	0	0	

**CLASSIFICATION:**

STATE - N/A

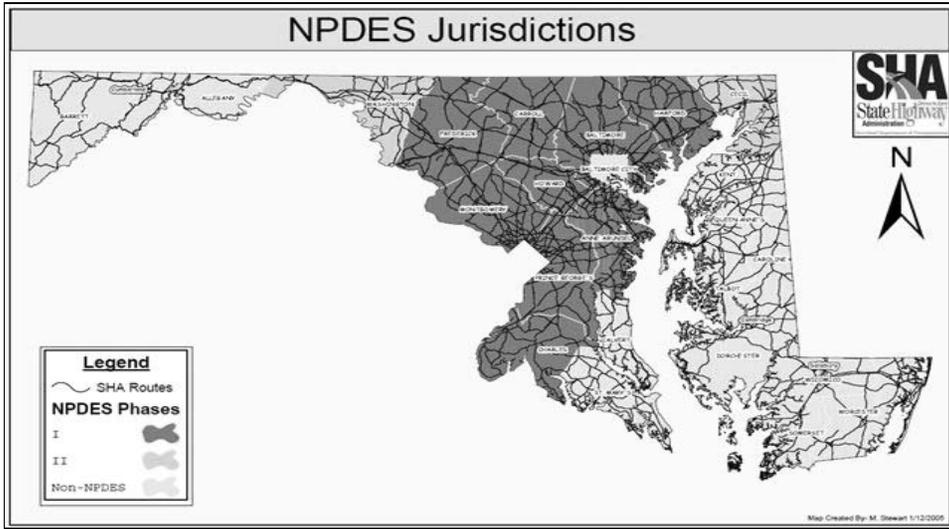
FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - 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 2015 - 20 CTP:** Added funding in FY21.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2018....	....2019....	....2020....	....2021....		
Planning	21,150	1,000	2,200	2,550	4,250	3,750	3,700	3,700	20,150	0
Engineering	378,500	47,700	46,650	31,250	69,400	61,800	60,900	60,800	330,800	0
Right-of-way	2,650	1,000	200	200	350	300	300	300	1,650	0
Construction	309,900	74,900	15,550	40,000	49,200	43,850	43,200	43,200	235,000	0
Total	712,200	124,600	64,600	74,000	123,200	109,700	108,100	108,000	587,600	0
Federal-Aid	59,594	50,794	200	0	0	0	0	8,600	8,800	0

**CLASSIFICATION:**

STATE - N/A

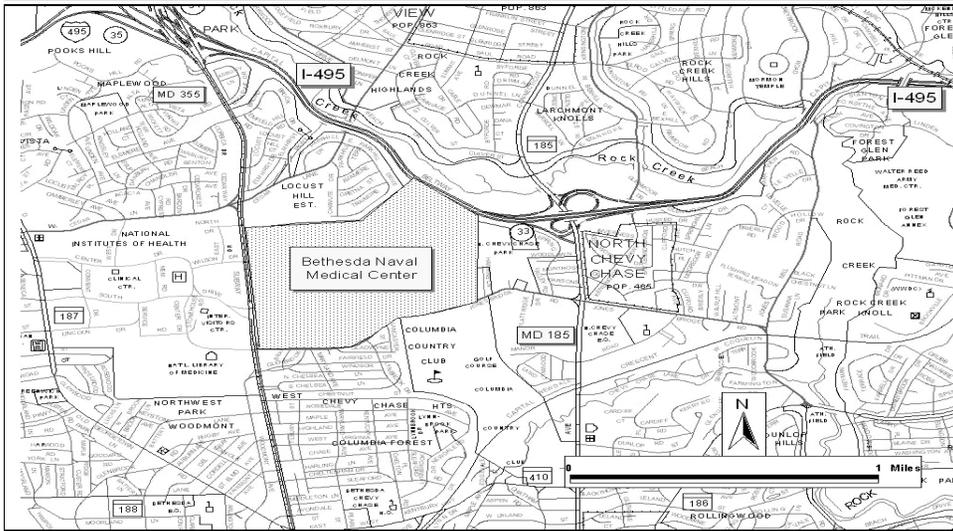
FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - N/A



**PROJECT:** BRAC Intersections near Bethesda Naval Center

**DESCRIPTION:** Design and construct intersection improvements at key locations along access routes to Bethesda Naval Center. Bicycle and pedestrian facilities will be provided where appropriate.

**JUSTIFICATION:** Improved access to Bethesda Naval Center is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersections improvements will improve safety, capacity and operations in the near-term.

**SMART GROWTH STATUS:**  Project Not Location Specific  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 185, at Jones Bridge (Phase 3) (Montgomery County Line 6)  
 MD 187, at West Cedar Lane (Montgomery County Line 7)  
 MD 320, at Sligo Creek (Montgomery County Line 10)  
 MD 355, at Cedar Lane (Montgomery County Line 12)  
 MD 355, Woodmont Ave. to South Wood Rd. (Montgomery County Line 13)

**STATUS:** Project Complete. Office of Economic Adjustments has contributed \$38.2 million towards the BRAC improvements.

**SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP:** Associated improvements are in the Montgomery County Construction program. Moved from the Construction Program to the Development and Evaluation Program.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	12,896	12,467	200	179	50	0	0	0	429	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
<b>Total</b>	<b>12,896</b>	<b>12,467</b>	<b>200</b>	<b>179</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>429</b>	<b>0</b>
Federal-Aid	3,752	3,323	200	179	50	0	0	0	429	0

**CLASSIFICATION:**

STATE - N/A

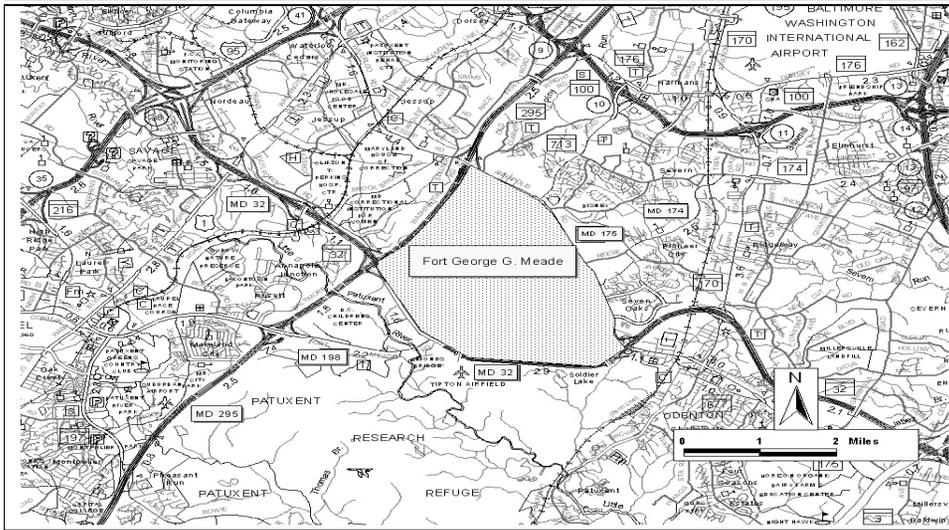
FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - 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  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, at Maples/Reece Roads (Anne Arundel County Line 2)
- MD 175, Disney Road to Reece Road (Anne Arundel County Line 4)
- MD 175, MD 295 to MD 170 (Anne Arundel County Line 7)
- MD 198, MD 295 to MD 32 (Anne Arundel County Line 8)

**STATUS:** Project complete.

**SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP:** Associated improvements are in the Anne Arundel County Construction program.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	PROJECT CASH FLOW										
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....			
Planning	252	223	29	0	0	0	0	0	0	29	0
Engineering	7,484	7,484	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	7,736	7,707	29	0	0	0	0	0	0	29	0
Federal-Aid	1,223	1,196	27	0	0	0	0	0	0	27	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - 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 1)
- MD 22, at Beards Hill Road (Harford County Line 2)
- MD 22, at MD 462 (Harford County Line 3)
- US 40, at MD 7/MD 159 (Phase 2 - Harford County Line 5)
- Perryman, Access Study (Harford County Line 7)

**STATUS:** Project complete.

**SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP:** Associated improvements are in the Harford County Construction program.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL PROJECT CASH FLOW					FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	2018	2019	2020	2021			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	9,358	9,018	340	0	0	0	0	0	0	340	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	9,358	9,018	340	0	0	0	0	0	0	340	0
Federal-Aid	4,840	4,500	340	0	0	0	0	0	0	340	0

**CLASSIFICATION:**

STATE - N/A

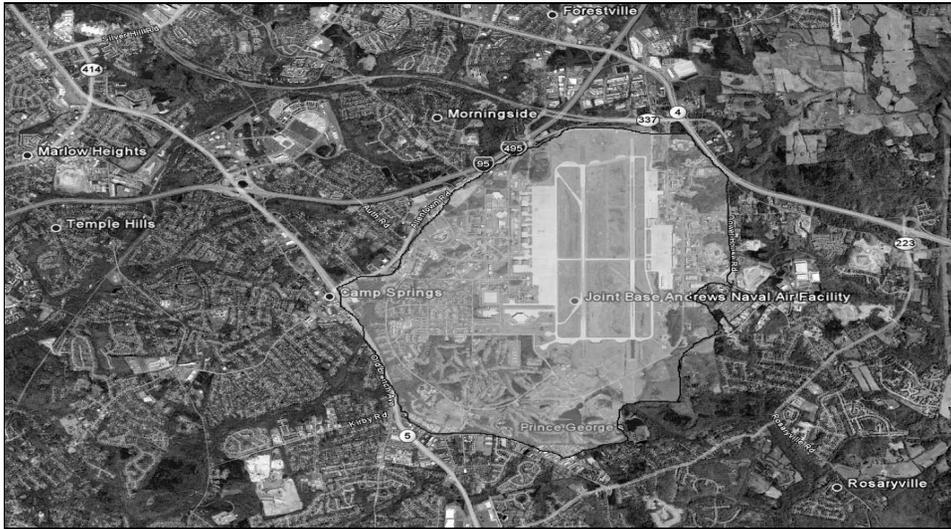
FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - 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 1)
- MD 4, at Suitland Parkway (Prince George's Line 9)
- MD 337, at MD 218 and I-495 NB Off Ramp (Prince George's Line 14)
- I-95/I-495, American Legion Bridge to Woodrow Wilson Bridge (Prince George's Line 17)
- MD 4, MD 223 to I-95 (Prince George's Line 19)
- MD 5, US 301 to I-95 (Prince George's Line 20)

**STATUS:** Project complete.

**SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP:** Associated improvements are in the Prince George's County Construction program.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,298	2,298	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	2,298	2,298	0	0	0	0	0	0	0	0
Federal-Aid	2,263	2,263	0	0	0	0	0	0	0	0

**CLASSIFICATION:**

STATE - N/A

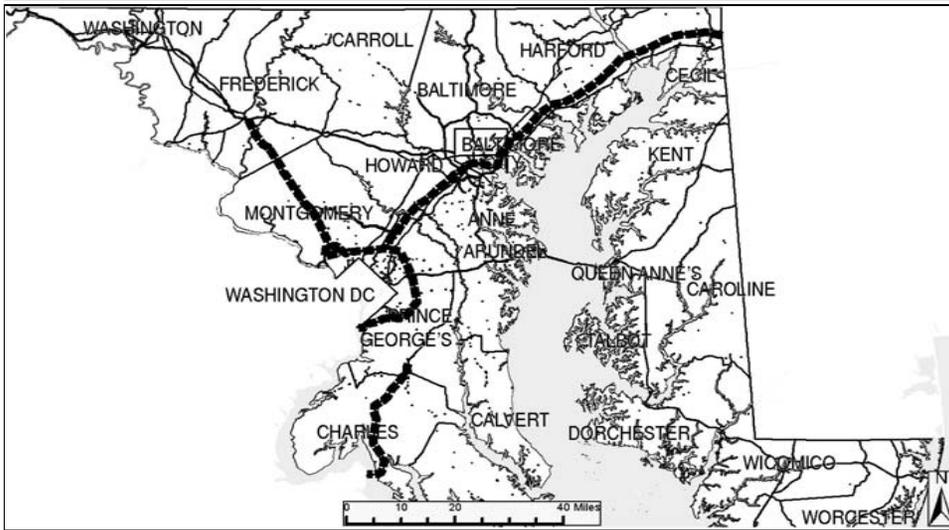
FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - 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 2015 - 20 CTP:** Moved \$2.0 million to Active Traffic Management (ATM) and Innovative Congestion Mitigation (ICM) (Montgomery 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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....			
Planning	3,055	968	892	1,195	0	0	0	0	0	2,087	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	3,055	968	892	1,195	0	0	0	0	0	2,087	0
Federal-Aid	2,843	815	833	1,195	0	0	0	0	0	2,028	0

**CLASSIFICATION:**

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

**Annual Average Daily Traffic (vehicles per day)**

CURRENT (2015) - N/A

PROJECTED (2035) - N/A

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
		<b><u>Fiscal Year 2016 Completions</u></b>		
		<b><u>Resurface/Rehabilitate</u></b>		
1		Various locations in District 4 and District 7; pavement marking	975	Completed
2		Various locations in Baltimore and Harford Counties; joint sealing	1,020	Completed
3		Various locations in Dorchester, Somerset, Wicomico, Worcester Counties; traffic barrier upgrades	1,207	Completed
4		Various locations in Anne Arundel, Calvert, Charles and St. Mary's County; drainage	853	Completed
5		Traffic barrier upgrades at various locations in District 3	1,143	Completed
6	US 50	Ocean Gateway; 0.5 miles west of MD 404 to 0.5 miles east of MD 404; resurface	1,502	Completed
		<b><u>Bridge Replacement/Rehabilitation</u></b>		
7		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 3; bridge rehabilitation	11,341	Completed
8		Provide access equipment and MOT Services for bridge inspection/evaluation	6,388	Completed
9		10 existing bridges on US 13, MD 353, MD 12 and US 113; clean/paint bridges	1,551	Completed
		<b><u>Safety/Spot Improvement</u></b>		
10		At various locations in District 2; raised pavement markings	553	Completed
11	MD 228	Berry Road; MD 210 to Marsh Hawk Drive; guardrail	1,200	Completed

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Year 2016 Completions (cont'd)</u></b>				
<b><u>Traffic Management</u></b>				
12		Install and modify Traffic Control devices in District 4; signalization	6,022	Completed
13		UPS/LED Signal installation/reconstruct in Districts in 3, 4, and 5	5,360	Completed
14		Sign Lighting System (Lumitrak) (ARRA PROJECT)	2,541	Completed
15		Interstate Highway Lighting - Phase 1 (ARRA PROJECT)	7,999	Completed
<b><u>Environmental Preservation</u></b>				
16		Various interchanges on I 70, I 68 and MD 200; landscaping	847	Completed
17		Landscaping at various locations in District 4 and District 7; landscaping	220	Completed
18		Landscaping at various locations in District 1 and District 2; landscaping	114	Completed
<b><u>Sidewalks</u></b>				
19		Various locations in Caroline, Cecil, Kent, Talbot and Queen Anne's County; sidewalk	1,755	Completed
<b><u>Truck Weight</u></b>				
20		Virtual Weigh Station - Overheight detection	1,200	Completed

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018</u></b>				
<b><u>Resurface/Rehabilitate</u></b>				
21		At various locations in District 3 - thermo thinline striping; pavement marking	1,669	FY 2016
22		At various locations in Caroline and Talbot Counties; resurface	1,565	FY 2016
23		At various locations in District 5; guard rail	1,051	FY 2016
24		At various locations in District 6; resurface	458	FY 2016
25		At various locations in Montgomery and Prince George's Counties; sidewalks	2,127	FY 2016
26		At various locations in District 7 - thermo thinline striping; pavement marking	1,175	FY 2016
27		At various locations in District 5; sidewalks	3,457	FY 2016
28		At various locations in District 2; mill and resurface	3,664	FY 2016
29		At various locations in District 2 - thermo thinline striping; pavement marking	1,387	FY 2016
30		At various locations in Carroll and Frederick Counties; mill and resurface	20,514	FY 2016
31		At various locations in District 7; patching	1,951	FY 2016
32		At various locations in Kent and Queen Anne's Counties; resurface	1,565	FY 2016
33		At various locations on I-70, I-95, I-195, I-795, I-83, I-695, MD 695 and MD 295; safety and resurface	9,152	FY 2016
34		At various locations in District 1; pavement marking	1,003	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
35		At various routes in Carroll, Frederick and Howard counties; guard rail	2,003	FY 2016
36		At various locations in District 5; pavement marking	1,907	FY 2016
37		At various locations in District 4; pavement marking	1,157	FY 2016
38		At various locations in District 2; sidewalks	1,392	FY 2016
39		At various locations in Caroline, Cecil, Kent, Queen Anne's and Talbot counties; slurry seal	2,310	FY 2016
40		At various locations in District 5; patching	3,377	FY 2016
41		At various locations in Caroline, Cecil, Kent, Queen Anne's and Talbot counties; guard rail	599	FY 2016
42		At various locations in Calvert, Charles and St. Mary's counties; joint sealing	913	FY 2016
43		At various locations in Dorchester, Somerset, Wicomico and Worcester Counties; patching	1,900	FY 2016
44		At various locations in Dorchester, Somerset, Wicomico and Worcester Counties; guard rail	1,566	Under construction
45		At various locations in District 6; slurry seal	2,974	FY 2016
46		At various locations in District 5; sidewalks	3,023	FY 2016
47		At various locations in District 2; joint sealing	465	FY 2016
48		At various locations in District 4; guardrail	2,302	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Resurface/Rehabilitate (cont'd)</u>				
49		At Various Locations in District 4; Joint Sealing	1,435	Under construction
50		At various locations in District 6; resurface	445	Under construction
51		At various locations in District 5; guardrail	933	Under construction
52		Various locations in Carroll, Frederick and Howard Counties; joint sealing	1,400	Under construction
53		At various locations in District 7; guardrails	2,313	Under construction
54		Various locations in Districts 3 and 5; pavement marking	2,638	Under construction
55		Various locations in Districts 1 and 2; pavement marking	2,055	Under construction
56		Various locations; guardrails	2,355	Under construction
57		Various locations in Montgomery and Prince George's Counties; resurface	2,055	Under construction
58		At various locations in District 5; widen and resurface	4,176	Under construction
59		At various locations in Calvert, Charles and St. Mary's Counties; joint sealing	493	FY 2016
60		Various locations in Districts 4 and 7; pavement marking	2,025	Under construction
61		Various locations in District 2; slurry seal	1,186	Under construction
62		Various Locations in Carroll, Frederick and Howard Counties; joint sealing	997	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Resurface/Rehabilitate (cont'd)</u></b>				
63		Various locations in Carroll, Frederick and Howard Counties; patching	1,712	Under construction
64		Various locations in District 3 and 5; thermoplastic thinline striping	1,207	Under construction
65		Various locations in District 2; guardrail	383	FY 2016
66		Various locations in District 1 and 2; thermoplastic thinline striping	1,363	Under construction
67		Various locations in District 7; guardrail	1,413	Under construction
68		Various locations in Cecil, Kent, Queen Anne's and Caroline Counties; sidewalks	737	Under construction
69		Traffic barrier upgrades at various locations in District 7; guardrail	1,556	Under construction
70		Install/upgrade Traffic barrier at various locations in District 6	725	Under construction
71		Various Locations in District 5; slurry seal	1,932	Under construction
<b><u>Bridge Replacement/Rehabilitation</u></b>				
72		Preservation and minor rehab of moveable and fixed bridges, culverts and walls; bridge rehabilitation	10,952	FY 2016
73		Invert paving and restoration to various structures; miscellaneous	4,192	FY 2016
74		Preservation/minor rehab fixed bridges, culverts, retaining walls in District 6; bridge rehabilitation	1,997	FY 2016
75		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 1; bridge rehabilitation	9,838	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Bridge Replacement/Rehabilitation (cont'd)</u></b>				
76		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 2; bridge rehabilitation	11,322	Under construction
77		Preservation and minor rehab of fixed bridges, culverts and walls - Contract 4; bridge rehabilitation	11,333	Under construction
78		At various locations on lower Georges Creek Road, National Freeway, Friendsville Road; clean/paint bridges	1,585	Under construction
79		Preservation and minor rehab of moveable and fixed bridges, culverts and walls; bridge rehabilitation	9,033	FY 2017
80		Install troughs and rehabilitation of joints to 25 bridges in WA and BA counties; joint sealing	3,360	Under construction
81		Bridges 14006, 1402700 and 2001800 in Kent and Talbot counties; clean/paint bridges	1,364	Under construction
82		Invert paving and restoration to various structures; miscellaneous	1,449	Under construction
<b><u>Safety/Spot Improvement</u></b>				
83		At Various locations in Anne Arundel, Calvert, Charles and St. Mary's Counties; drainage improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,860	FY 2017
84		At various locations statewide; drainage improvement	3,312	FY 2016
85		At various locations in Prince George's and Montgomery counties; geometric improvements	3,292	FY 2016
86		At various locations in District 2; RPM	603	FY 2016
87		At various locations in Baltimore and Harford counties; rumble strips	1,130	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
88		At various locations in District 4; sidewalks	2,972	FY 2016
89		At various locations in District 6; drainage improvement	8,786	FY 2016
90		ADA at various locations in District 1; sidewalks	4,541	FY 2016
91		At various locations statewide - Stormwater/drainage asset remediation; drainage improvement	3,582	FY 2016
92		At various locations in District 6; sidewalks	3,392	FY 2016
93		At various locations in District 3; sidewalks	3,494	FY 2016
94		Clearing and grubbing at various locations for utilities relocation in District 5; miscellaneous	273	FY 2016
95		Various locations in District 7; ADA compliance	2,515	FY 2016
96		At various locations in District 1 and 2; pavement marking	899	Under construction
97		At various locations Statewide; drainage improvement	2,742	Under construction
98		Various locations in District 3, 4, 5, 6 and 7; pavement marking	1,712	Under construction
99		At various locations in District 1; rumble strips	505	Under construction
100		At various locations Statewide; drainage improvement	3,120	FY 2016
101		At various locations in District 3; surface treatment	4,164	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
102		Various locations statewide; drainage improvement	2,495	FY 2016
103		Various locations in District 2; rumble strips	232	Under construction
104		ADA Compliance Program in District 1	4,135	FY 2016
105		Various locations in Baltimore and Harford Counties; safety	5,141	Under construction
106		At various locations in District 3; sidewalks	3,744	Under construction
107		Various locations statewide; drainage	1,457	Under construction
108		Various locations in Allegany and Garrett Counties; geometric improvements	2,271	Under construction
109		Various locations in District 4; pavement markings	517	Under construction
110		Repairs on Stormwater Facilities in various locations; drainage improvement	622	Under construction
111		Sign Reflectivity Management Statewide; signing	8,000	Under construction
112		Stormwater Management facilities at various locations Statewide; drainage improvement	2,717	Under construction
113	US 13	Ocean Highway; Jones Road to North of Eden Road; geometric improvements Funding provided by the Governor's Investment in Highways and Bridges Initiative	2,975	FY 2016
114	US 40	Baltimore National Pike; Bethany Lane to Tyson Road and Johnnycake Road to Coleridge Road; guard rail	760	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Noise Barriers</u></b>				
115		Noise barrier preservation and remediation - statewide; noise abatement	1,716	FY 2016
116		Noise barrier fire door remediation in district 3; noise abatement	1,354	FY 2016
117		Various locations; noise abatements	1,410	Under construction
118	I 495	Capital Beltway; noisewalls 15110 and 15113; drainage improvements	499	Under construction
<b><u>Traffic Management</u></b>				
119		At various locations - sign retroreflectivity; signing Funding provided by the Governor's Investment in Highways and Bridges Initiative	5,300	FY 2017
120		At various locations in Districts 1 and 2; signalization	3,793	FY 2016
121		At various locations in Districts 6 and 7; lighting	3,378	Under construction
122		At various locations statewide; signing	6,251	Under construction
123		Light Emitting Diode (LED) Upgrades - Statewide	4,030	FY 2016
124		Modify/Install/Reconstruct Signals; signalization	5,740	FY 2016
125		Tourism and service signing; signing	3,157	FY 2016
126		With APS/CPS in Districts 3, 4 and 7; signalization	6,970	FY 2016
127		APS in Districts 6 and 7; signalization	5,037	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
128		At various locations in District 3; lighting	4,930	FY 2016
129		At various locations in District 3; signalization	6,942	FY 2016
130		At various locations in District 4; lighting	4,268	FY 2016
131		At various locations in District 5; lighting	4,007	FY 2016
132		At various locations in District 6; signing	3,693	FY 2016
133		Various locations in District 3; signing	3,737	FY 2016
134		Various locations in District 6 and 7; lighting	4,875	FY 2016
135		Various locations in District 4; signalization	5,696	Under construction
136		Various locations in District 1 and 2; lighting	4,861	FY 2016
137		Various Locations in District 5; signalization	5,664	FY 2016
138		Various locations in District 4; signing	3,048	Under construction
139		Automatic Traffic Recorders Statewide; miscellaneous	1,988	FY 2016
140		Modify/reconstruct with in Districts 3, 4, 5; signalization	11,503	Under construction
141		Traffic signs and APS in District 3; signalization	7,153	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Traffic Management (cont'd)</u>				
142		Sign Structure replacement in District 7	4,777	FY 2016
143		Sign Structure replacement in District 4	4,905	FY 2016
144		Sign Structure replacement in District 3	5,003	FY 2016
145		Various locations in District 3, 4 and 5; signalization	5,671	Under construction
146		Various Locations in Districts 6 and 7; signalization	3,168	Under construction
147		At various locations in District 5; signing	2,295	Under construction
148		Various locations in District 5; signalization	5,935	Under construction
149		Modify/Install/Reconstruct traffic signals - District 3; signalization	6,194	Under construction
150		Various Locations in District 1 and 2; signalization	1,064	Under construction
151		Various Locations in District 4; lighting	1,783	Under construction
152		Various Locations in District 1 and 2; signing	1,287	Under construction
153		Various Locations in District3; signalization	2,146	Under construction
154		Various Locations in District 3; signing	2,810	Under construction
155		Various Locations in District 5; signalization	2,104	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Traffic Management (cont'd)</u></b>				
156		Various Locations in District 6 and 7; lighting	930	Under construction
157		Various Locations in District 4; signing	2,999	Under construction
158		Various Locations in District 5; lighting	1,674	Under construction
159		Various Locations in District 3; lighting	1,984	Under construction
160		Various Locations in District 6 and 7; signing	2,170	Under construction
161		Various Locations in District 1 and 2; lighting	1,300	Under construction
162		Various Locations in District 4; signalization	2,048	Under construction
163		Various Locations in District 6 and 7; signalization	1,074	Under construction
164		Traffic Detection at Signalized Intersections District 3, 6 and 7 (ARRA PROJECT)	1,875	Under construction
<b><u>C.H.A.R.T. Projects</u></b>				
165		CHART CCTV Deployment (Phase 5C) in Allegany, Frederick, Garrett and Washington Counties	2,802	FY 2016
166		CHART DMS Deployment - Phase 4; miscellaneous	4,283	FY 2016
167		CHART CCTV Deployment (Phase 5B) in Anne Arundel, Baltimore, Carroll and Howard Counties	2,509	FY 2016
168		CHART CCTV Deployment (Phase 5A) in Dorchester, Frederick, Montgomery, Prince George's, Queen Anne's, Talbot, Wicomico, Worcester Counties	3,636	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>C.H.A.R.T. Projects (cont'd)</u></b>				
169		Road Weather Information Systems Upgrade	500	Under construction
170		CHART Closed Circuit Television deployment - Phase 4	799	Under construction
171		CHART - Areawide Dynamic Message Signs Deployment - Phase 3	3,200	Under construction
172		Back-up Power for CHART Cameras	1,818	Under construction
173		10 CCTV Cameras Project	700	Under construction
174	MD 295	Baltimore Washington Parkway; CHART ITS devices in Districts 3 and 5; miscellaneous	772	Under construction
<b><u>Environmental Preservation</u></b>				
175		Landscape sustainability improvements V for Districts 3 and 5; landscape	428	FY 2016
176		Landscape Sustainability IV at various locations in District 1; landscape	90	FY 2016
177		Landscape Sustainability IV at various locations in District 2; landscape	106	FY 2016
178		At various locations in District 4; landscape	1,274	FY 2016
179		At various locations in District 7; landscape	509	FY 2016
180		I 695 to Mountain Road and various sites; landscape	514	Under construction
181		Various locations in District 3 and 5; landscape	588	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<u>Fiscal Years 2017 and 2018 (cont'd)</u>				
<u>Environmental Preservation (cont'd)</u>				
182		Various locations in District 1 and 2; landscape	400	FY 2016
183		Various locations in District 4 and 7; landscape	468	Under construction
184		Various locations in District 1 and 2; landscape	162	Under construction
185		Various locations in District 3 and 5; landscape	479	Under construction
186		Various interchanges on US 50 and US 13; landscaping	1,087	Under construction
187		Various interchanges on I 83, I 695 and I 95; landscaping	1,527	Under construction
188		Various Interchanges on US 50 and MD 100	1,220	Under construction
189		Various interchanges on I 70, I 95 ,US 29 and MD 100 ; landscaping	1,663	Under construction
190		Landscaping at various locations in District 3 and District 5; landscaping	204	Under construction
191	US 50	MD 404/MD 309; Integrated roadside vegetation management at various locations in District 2	449	FY 2016
192	I 68	Integrated roadside vegetation management - Allegany/Washington County line to Allegany/Garrett County line; landscaping	959	Under construction
193	I 95	Vegetation Management at various interchanges between MD 100 to I 495; landscaping	3,011	Under construction
194	US 301	Blue Star Memorial Highway; US 50 split to Delaware State Line; landscape	222	Under construction

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>Sidewalks</u></b>				
195		Various locations in District 2; sidewalks	2,506	Under construction
196		Various locations in District 3; sidewalks	3,661	FY 2016
197		At various locations in District 5; sidewalks	2,983	FY 2016
198		At Various locations in District 5; sidewalks	2,006	FY 2016
199		Various locations in District 3; sidewalks	2,613	Under construction
<b><u>TMDL Compliance</u></b>				
200		At various locations in District 7 - group 1 - impervious area removal; drainage improvement	1,371	FY 2016
201		Tree establishment at various locations in District 3; landscape	1,502	FY 2016
202		Tree establishment at various locations in District 4; landscape	3,546	FY 2016
203		SWM at various locations in District 7 - Group 1; drainage improvement	6,544	FY 2017
204		Stream restoration and SWM at DNR Patapsco; wetlands replacement (reimbursed by DNR)	0	FY 2017
205		Tree planting at various locations in Anne Arundel and Charles Counties; landscape	1,206	FY 2016
206		Tree planting at various locations in District 6; landscape (Transportation Infrastructure Investment Act of 2013)	1,144	FY 2016

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

**STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 10 (cont'd)**

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2015
<b><u>Fiscal Years 2017 and 2018 (cont'd)</u></b>				
<b><u>TMDL Compliance (cont'd)</u></b>				
207		Tree Planting at various locations in District 7; landscape (Transportation Infrastructure Investment Act of 2013)	2,345	Under construction
208		At various locations in District 4; drainage improvement (Transportation Infrastructure Investment Act of 2013)	3,737	FY 2016
209	I 97	John Hanson Highway; Grass swales at various locations in District 5; drainage improvement (Transportation Infrastructure Investment Act of 2013)	3,946	FY 2016
<b><u>Enhancements (cont'd)</u></b>				
<b><u>Archaeological Planning &amp; Research (cont'd)</u></b>				
210		Synthesis of Maryland's archeological data; Synthesize 3500 archeological reports related to transportation projects; Archeological planning and research.	135	Underway
211		Maryland Archeological Conservation Lab; creation of an archeological context database curated at the MAC Lab	55	Underway
<b><u>Congressional Earmarks</u></b>				
212		Land acquisition for scenic easement in Cecil, Kent and Queen Anne's Counties (Earmark \$10 million; R/W) (Project underway)	0	